

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091218\
 Data File : VN051143.D
 Acq On : 12 Sep 2018 11:17
 Operator : MD\SY
 Sample : VN0912WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01

Quant Time: Sep 13 07:17:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	629102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	900283	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	808563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	368190	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	371301	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
35) Dibromofluoromethane	7.59	113	357575	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
50) Toluene-d8	10.09	98	1325328	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
62) 4-Bromofluorobenzene	12.40	95	417227	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	108789	17.93	ug/l	97
3) Chloromethane	2.06	50	144877	18.15	ug/l	98
4) Vinyl Chloride	2.18	62	150718	18.10	ug/l	100
5) Bromomethane	2.56	94	79438	16.24	ug/l	96
6) Chloroethane	2.70	64	90739	17.65	ug/l	99
7) Trichlorofluoromethane	3.01	101	208011	18.85	ug/l	96
8) Diethyl Ether	3.41	74	79517	19.59	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	132202	18.59	ug/l	99
10) Methyl Iodide	3.95	142	80913	16.42	ug/l	100
11) Tert butyl alcohol	4.80	59	59210	110.73	ug/l	100
12) 1,1-Dichloroethene	3.73	96	124967	18.62	ug/l	97
13) Acrolein	3.61	56	58414	105.08	ug/l	99
14) Allyl chloride	4.32	41	186226	18.21	ug/l	99
15) Acrylonitrile	5.00	53	253730	107.08	ug/l	99
16) Acetone	3.82	43	181503	101.38	ug/l	98
17) Carbon Disulfide	4.05	76	355982	18.07	ug/l	100
18) Methyl Acetate	4.33	43	119612	21.34	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	356467	20.09	ug/l	99
20) Methylene Chloride	4.55	84	144314	18.66	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	131658	18.09	ug/l	97
22) Diisopropyl ether	5.96	45	409190	20.16	ug/l	98
23) Vinyl Acetate	5.90	43	1393674	101.48	ug/l	100
24) 1,1-Dichloroethane	5.85	63	245668	19.08	ug/l	99
25) 2-Butanone	6.84	43	281181	102.15	ug/l	99
26) 2,2-Dichloropropane	6.83	77	183082	17.37	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	149159	18.68	ug/l	100
28) Bromochloromethane	7.20	49	114558	19.99	ug/l	100
29) Tetrahydrofuran	7.22	42	192606	112.05	ug/l	98
30) Chloroform	7.37	83	251893	19.66	ug/l	99
31) Cyclohexane	7.65	56	213996	18.50	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	210716	19.31	ug/l	100
36) 1,1-Dichloropropene	7.80	75	181476	18.36	ug/l	99
37) Ethyl Acetate	6.94	43	129107	22.55	ug/l	99
38) Carbon Tetrachloride	7.77	117	187695	19.29	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091218\
 Data File : VN051143.D
 Acq On : 12 Sep 2018 11:17
 Operator : MD\SY
 Sample : VN0912WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01

Quant Time: Sep 13 07:17:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	193434	17.74	ug/l	97
40) Benzene	8.04	78	576513	19.36	ug/l	100
41) Methacrylonitrile	7.18	41	58082	19.66	ug/l	95
42) 1,2-Dichloroethane	8.13	62	175260	20.19	ug/l	99
43) Isopropyl Acetate	8.17	43	219464	21.73	ug/l	99
44) Trichloroethene	8.84	130	151729	18.62	ug/l	100
45) 1,2-Dichloropropane	9.12	63	150237	19.52	ug/l	100
46) Dibromomethane	9.21	93	94271	20.08	ug/l	98
47) Bromodichloromethane	9.40	83	189297	19.83	ug/l	100
48) Methyl methacrylate	9.20	41	102674	20.86	ug/l	99
49) 1,4-Dioxane	9.20	88	33154	429.51	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	637495	114.13	ug/l	100
52) Toluene	10.16	92	358196	19.72	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	180872	18.93	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	216439	19.32	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	135555	20.55	ug/l	97
56) Ethyl methacrylate	10.43	69	166319	20.32	ug/l	98
57) 1,3-Dichloropropane	10.71	76	223246	20.41	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	325796	97.43	ug/l	99
59) 2-Hexanone	10.75	43	410676	108.41	ug/l	98
60) Dibromochloromethane	10.90	129	146335	19.68	ug/l	98
61) 1,2-Dibromoethane	11.01	107	130424	20.22	ug/l	99
64) Tetrachloroethene	10.63	164	139945	18.97	ug/l	98
65) Chlorobenzene	11.43	112	377291	18.51	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	144630	19.71	ug/l	99
67) Ethyl Benzene	11.51	91	626134	18.97	ug/l	99
68) m/p-Xylenes	11.62	106	491550	38.76	ug/l	100
69) o-Xylene	11.95	106	239305	19.49	ug/l	99
70) Styrene	11.97	104	367907	19.31	ug/l	98
71) Bromoform	12.13	173	103810	20.09	ug/l #	99
73) Isopropylbenzene	12.25	105	622427	20.16	ug/l	100
74) N-amyl acetate	12.07	43	159735	20.56	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	176523	24.09	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	198177	34.25	ug/l #	100
77) Bromobenzene	12.53	156	159130	19.19	ug/l	97
78) n-propylbenzene	12.59	91	666734	19.64	ug/l	100
79) 2-Chlorotoluene	12.67	91	416974	19.66	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	500653	20.05	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	37192	19.18	ug/l	96
82) 4-Chlorotoluene	12.77	91	402624	19.12	ug/l	100
83) tert-Butylbenzene	12.99	119	426192	19.34	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	507058	20.66	ug/l	100
85) sec-Butylbenzene	13.17	105	553283	19.58	ug/l	99
86) p-Isopropyltoluene	13.29	119	467160	19.49	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	256936	18.26	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	250497	19.40	ug/l	99
89) n-Butylbenzene	13.62	91	326854	17.52	ug/l	99
90) Hexachloroethane	13.88	117	89019	20.03	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	257401	18.77	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22733	21.93	ug/l	98

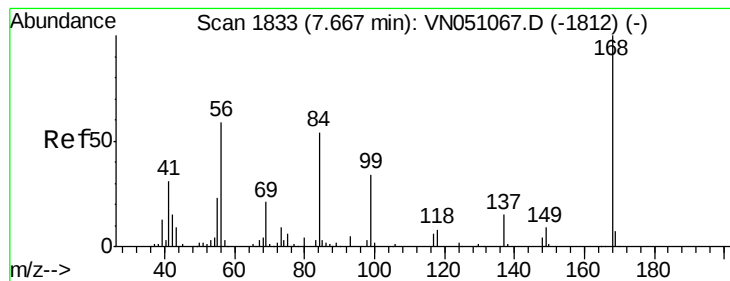
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091218\
Data File : VN051143.D
Acq On : 12 Sep 2018 11:17
Operator : MD\SY
Sample : VN0912WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Quant Time: Sep 13 07:17:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	92233	16.79	ug/l	100
94) Hexachlorobutadiene	15.01	225	79094	18.70	ug/l	99
95) Naphthalene	15.13	128	187908	17.46	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	99641	17.76	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

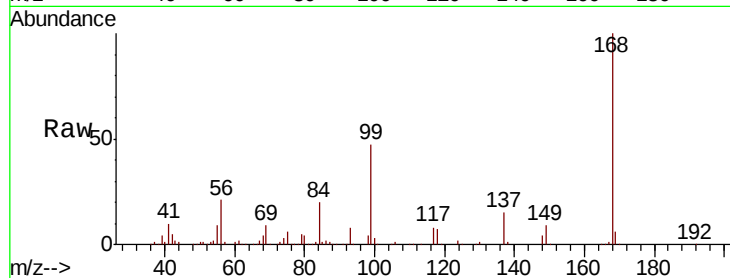
VN0912WBSD01

Tot Ion:168 Resp: 629102

Ion Ratio Lower Upper

168 100

99 46.9 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

150000

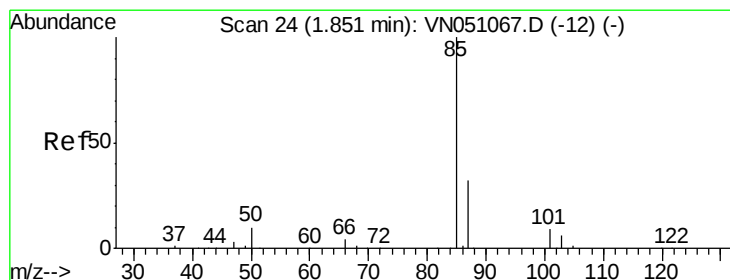
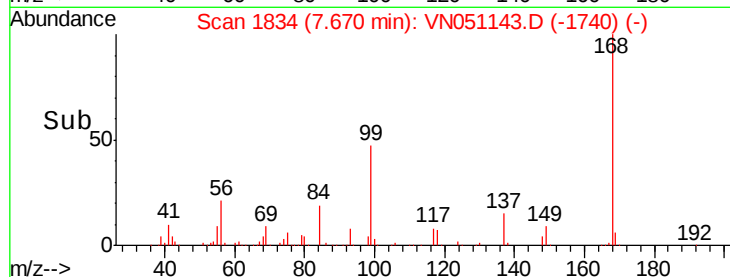
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.93 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051143.D

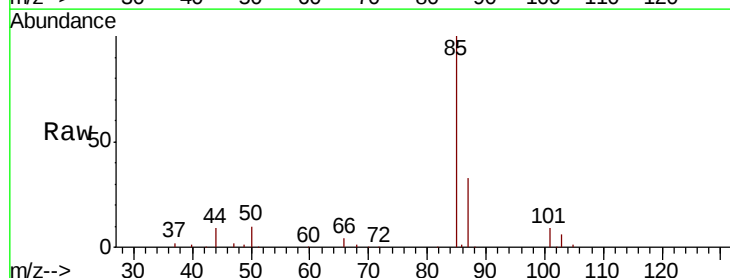
Acq: 12 Sep 2018 11:17

Tgt Ion: 85 Resp: 108789

Ion Ratio Lower Upper

85 100

87 33.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

80000

60000

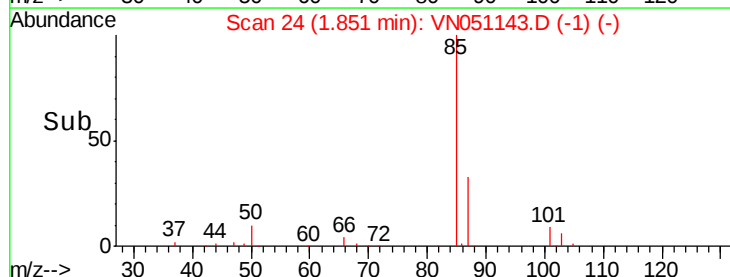
40000

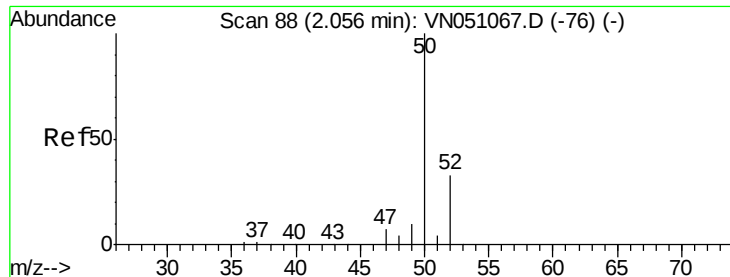
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 18.15 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

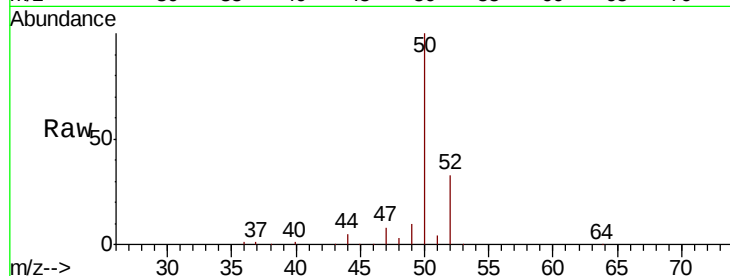
VN0912WBSD01

Tot Ion: 50 Resp: 144877

Ion Ratio Lower Upper

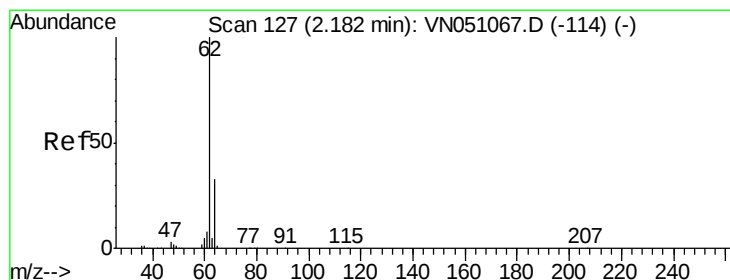
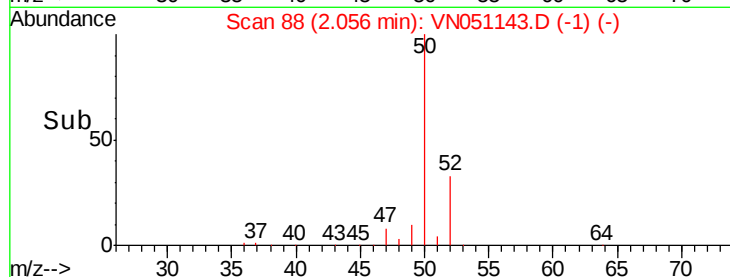
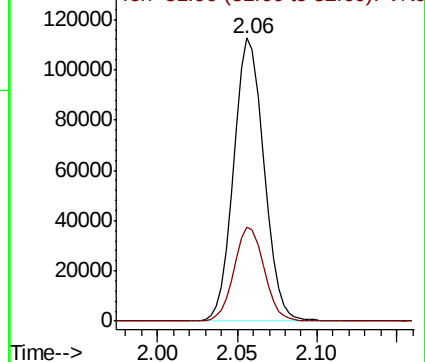
50 100

52 33.4 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 18.10 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN051143.D

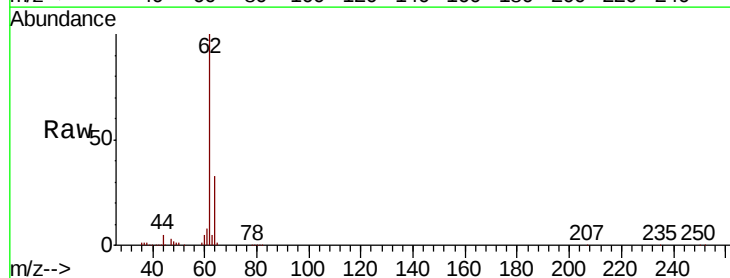
Acq: 12 Sep 2018 11:17

Tgt Ion: 62 Resp: 150718

Ion Ratio Lower Upper

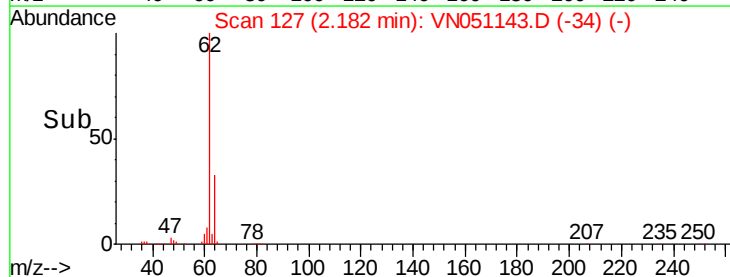
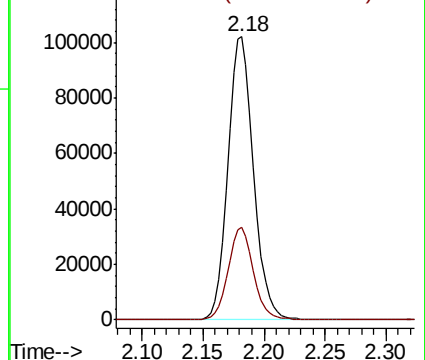
62 100

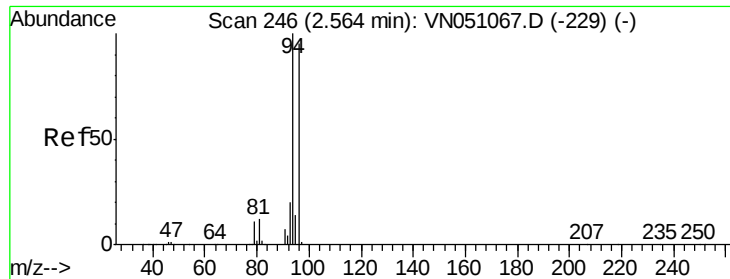
64 32.8 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 16.24 ug/l

RT: 2.56 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

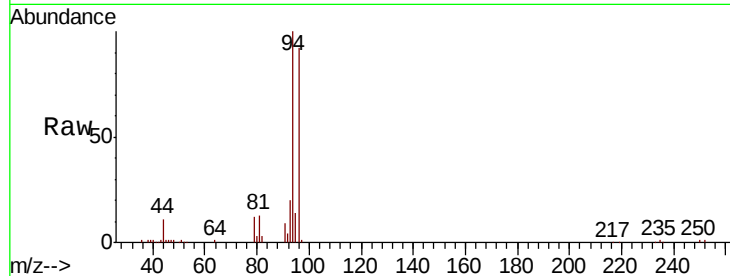
VN0912WBSD01

Tot Ion: 94 Resp: 79438

Ion Ratio Lower Upper

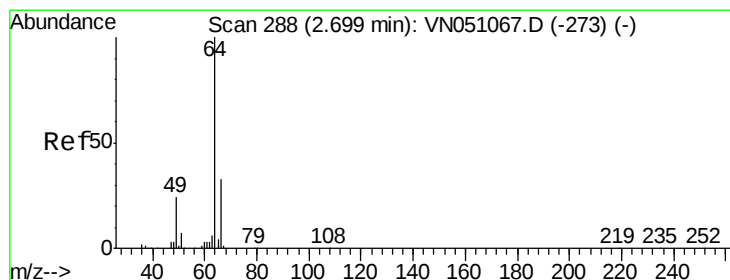
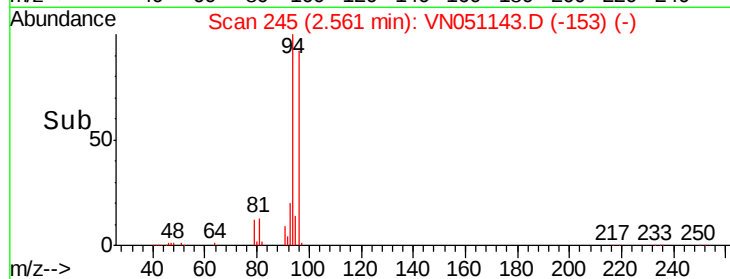
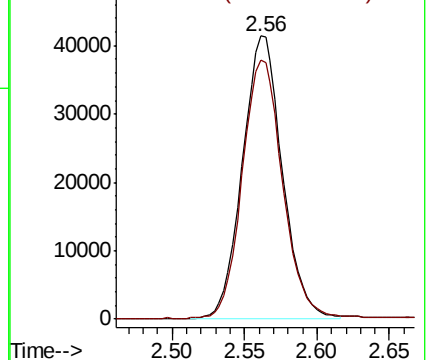
94 100

96 91.2 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.65 ug/l

RT: 2.70 min Scan# 288

Delta R.T. -0.00 min

Lab File: VN051143.D

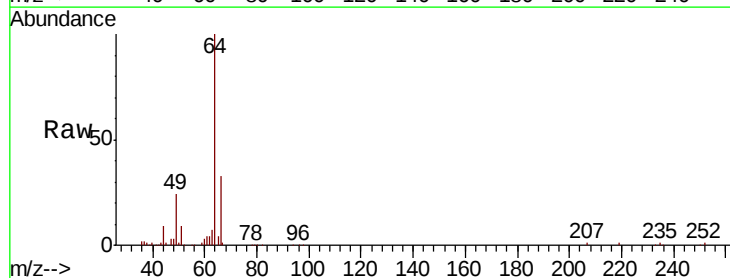
Acq: 12 Sep 2018 11:17

Tgt Ion: 64 Resp: 90739

Ion Ratio Lower Upper

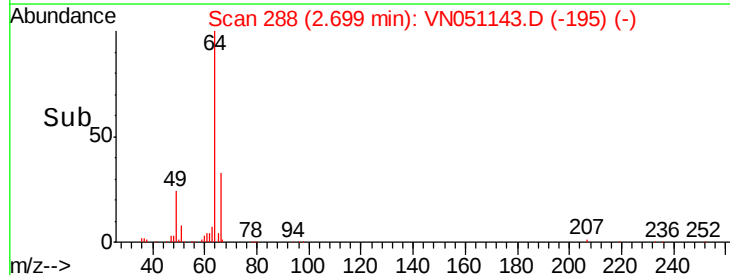
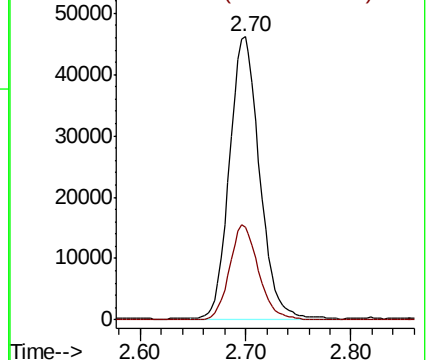
64 100

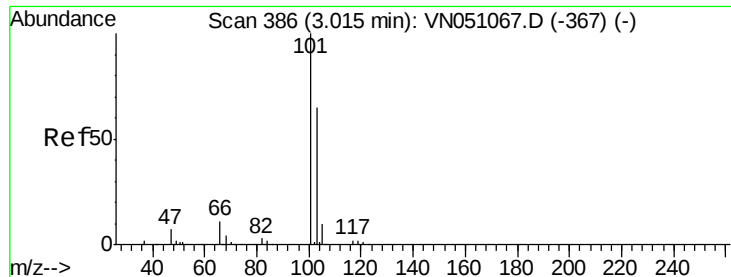
66 33.1 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



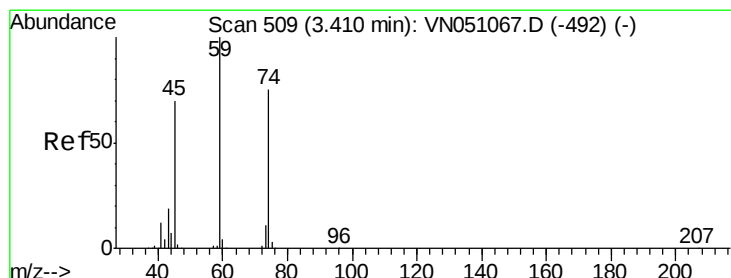
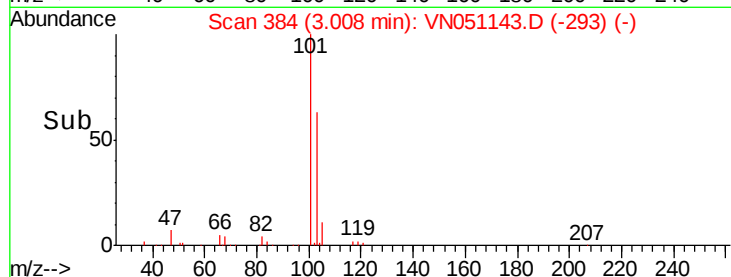
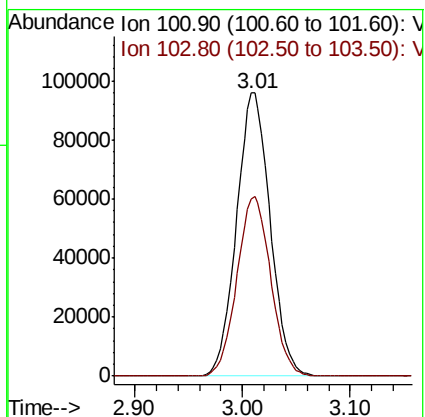
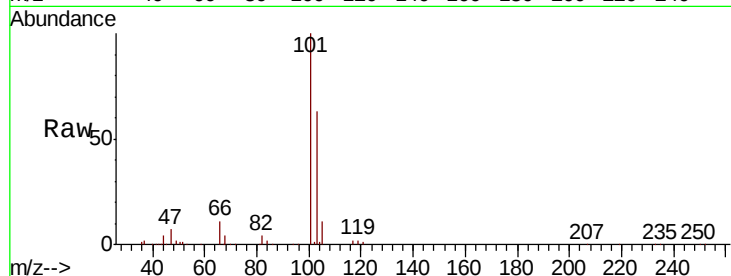


#7

Trichlorofluoromethane
 Concen: 18.85 ug/l
 RT: 3.01 min Scan# 384
 Delta R.T. -0.01 min
 Lab File: VN051143.D
 Acq: 12 Sep 2018 11:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01

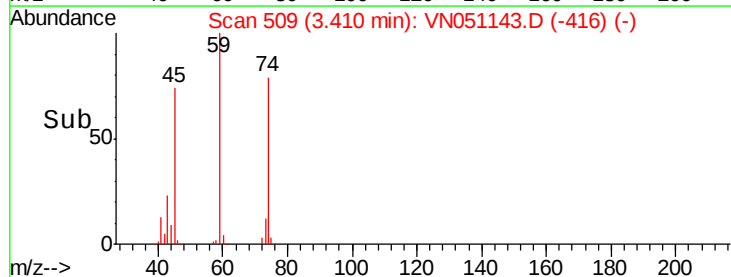
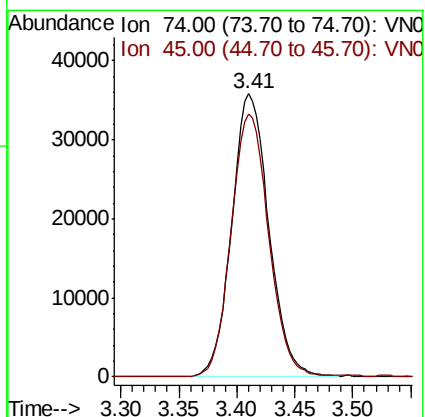
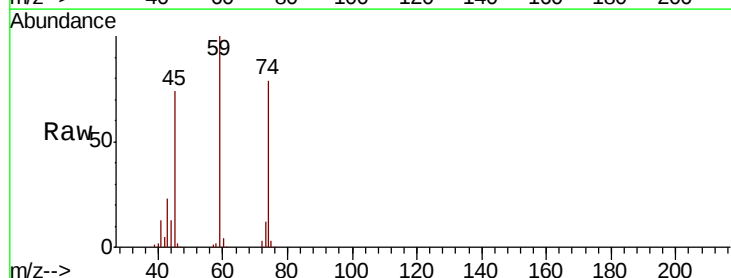
Tot Ion:101 Resp: 208011
 Ion Ratio Lower Upper
 101 100
 103 62.6 52.4 78.6

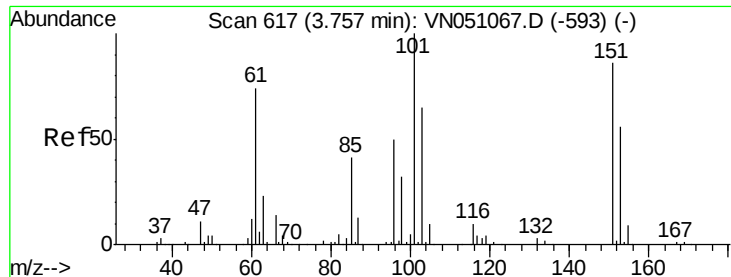


#8

Diethyl Ether
 Concen: 19.59 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN051143.D
 Acq: 12 Sep 2018 11:17

Tgt Ion: 74 Resp: 79517
 Ion Ratio Lower Upper
 74 100
 45 94.5 46.7 140.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.59 ug/l

RT: 3.75 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

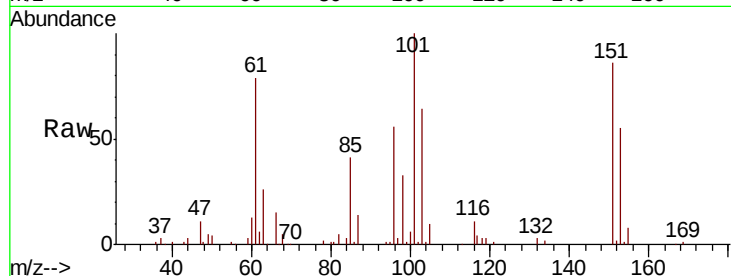
Tot Ion:101 Resp: 132202

Ion Ratio Lower Upper

101 100

85 40.8 33.3 49.9

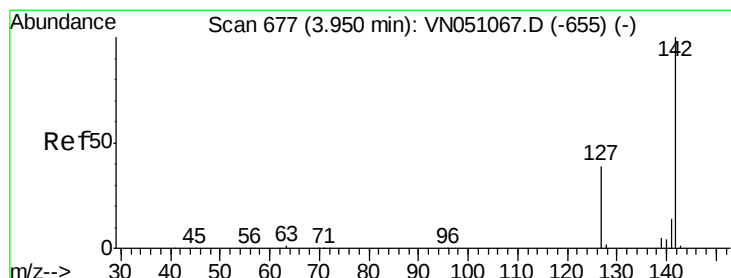
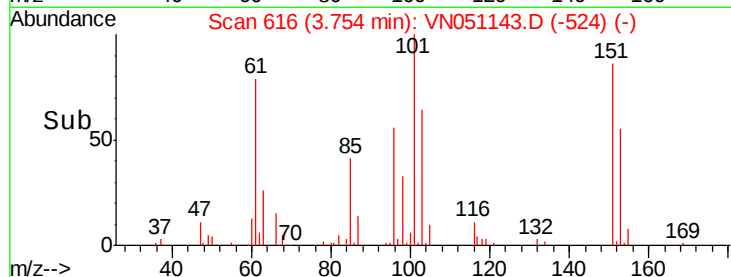
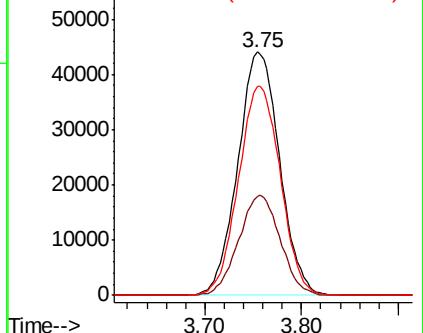
151 86.0 68.2 102.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.42 ug/l

RT: 3.95 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

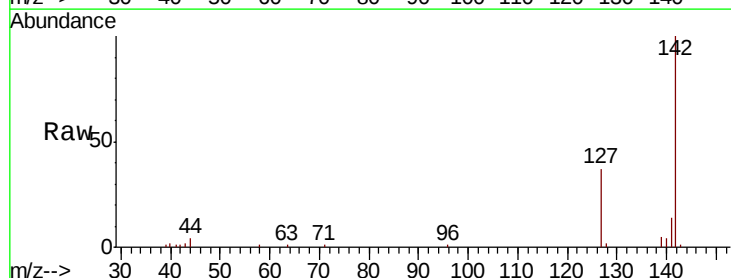
Tgt Ion:142 Resp: 80913

Ion Ratio Lower Upper

142 100

127 38.9 31.0 46.4

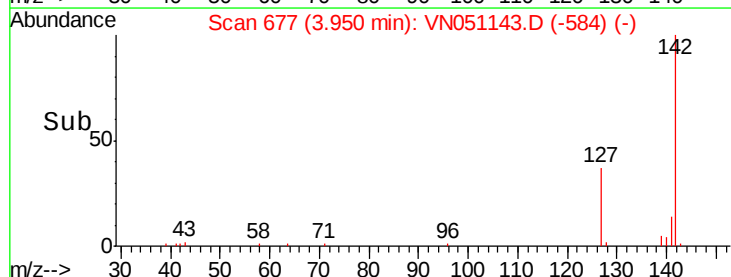
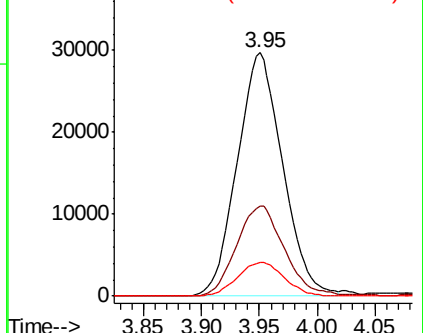
141 14.3 11.3 16.9

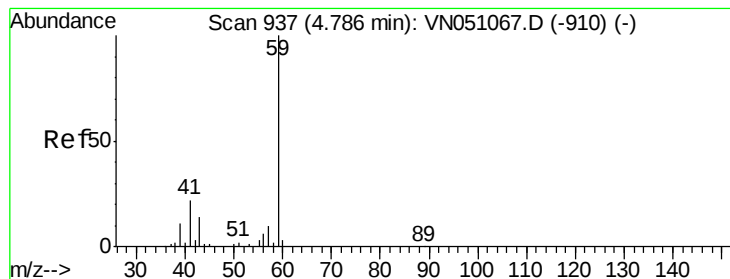


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



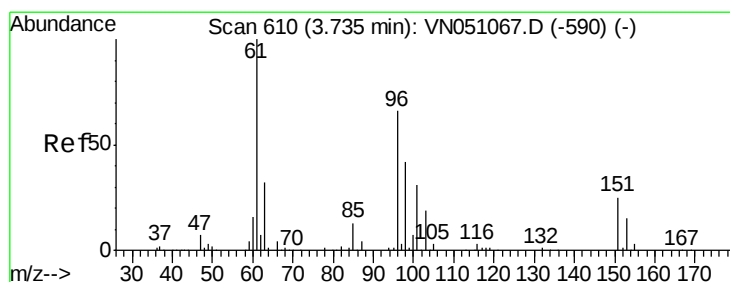
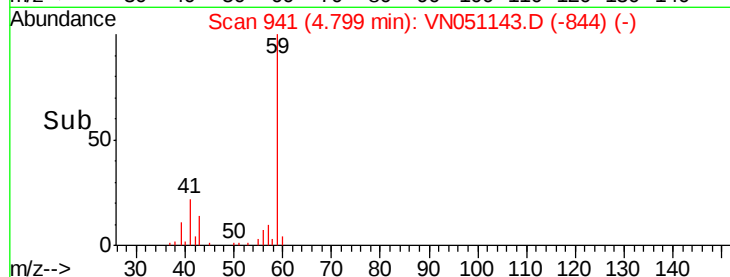
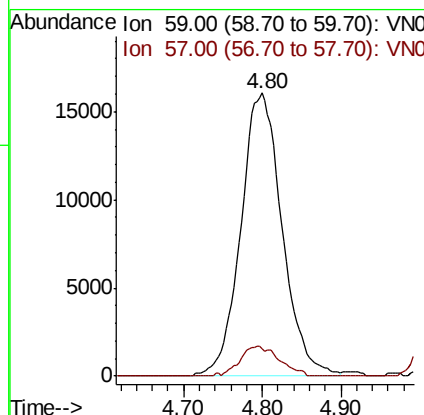
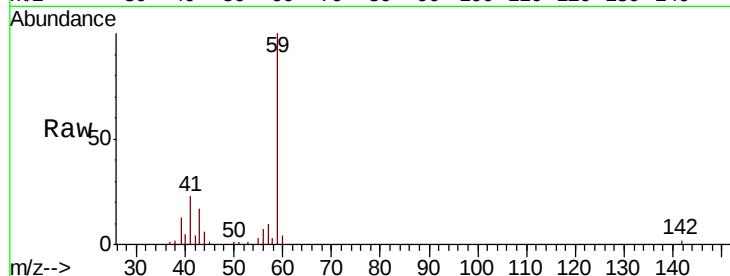


#11

Tert butyl alcohol
 Concen: 110.73 ug/l
 RT: 4.80 min Scan# 941
 Delta R.T. 0.01 min
 Lab File: VN051143.D
 Acq: 12 Sep 2018 11:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01

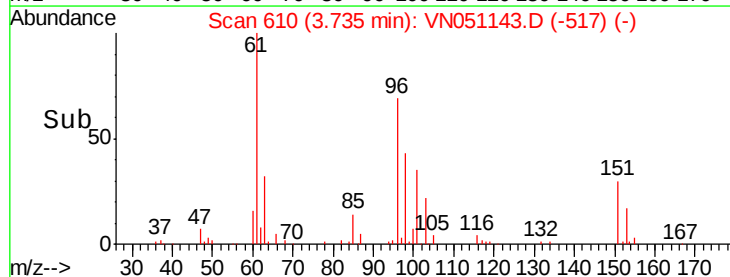
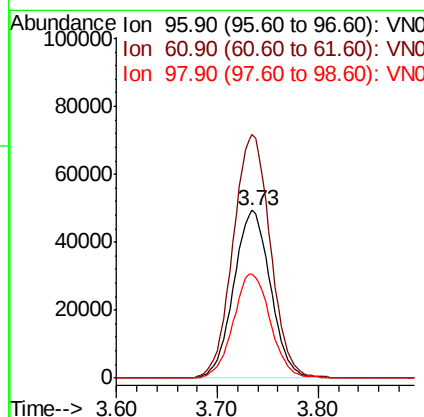
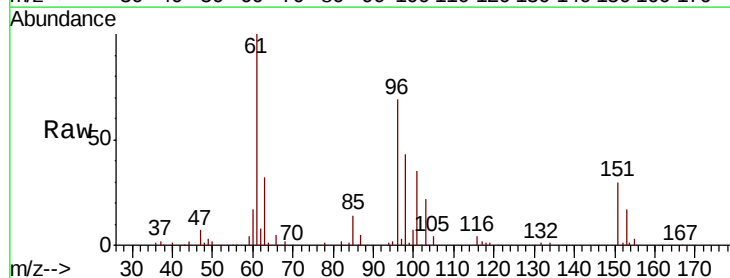
Tot Ion: 59 Resp: 59210
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.1 12.1

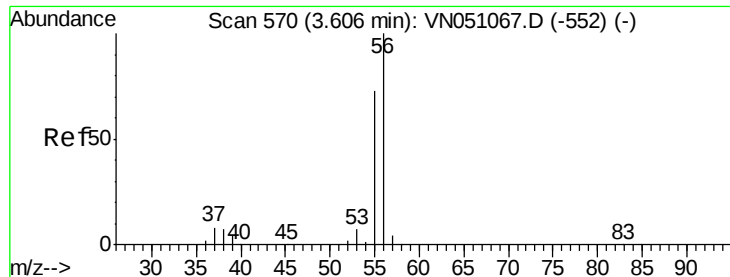


#12

1,1-Dichloroethene
 Concen: 18.62 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: VN051143.D
 Acq: 12 Sep 2018 11:17

Tgt Ion: 96 Resp: 124967
 Ion Ratio Lower Upper
 96 100
 61 145.2 120.3 180.5
 98 62.0 50.8 76.2





#13

Acrolein

Concen: 105.08 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

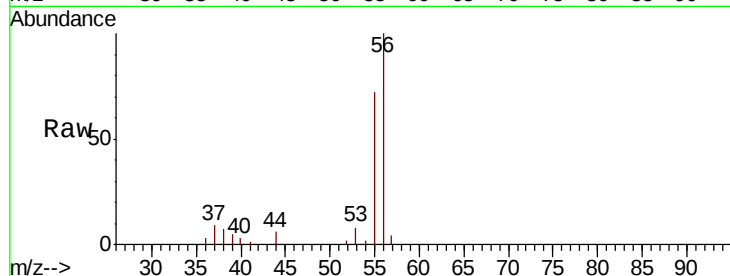
VN0912WBSD01

Tot Ion: 56 Resp: 58414

Ion Ratio Lower Upper

56 100

55 72.9 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

25000

20000

15000

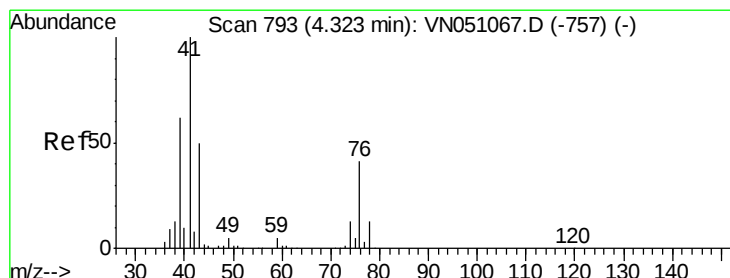
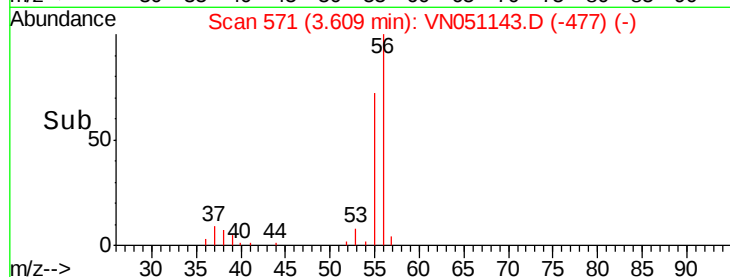
10000

5000

0

Time-->

3.50 3.60 3.70



#14

Allyl chloride

Concen: 18.21 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

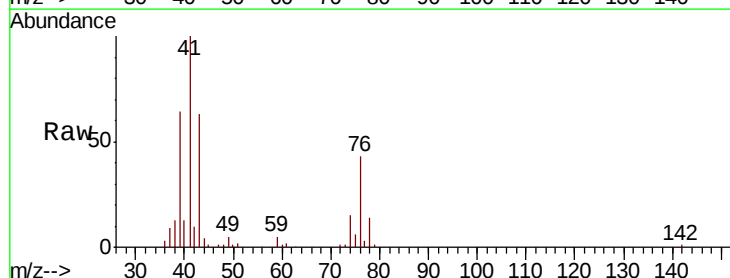
Tgt Ion: 41 Resp: 186226

Ion Ratio Lower Upper

41 100

39 61.5 48.8 73.2

76 39.1 30.6 45.8



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.32

80000

60000

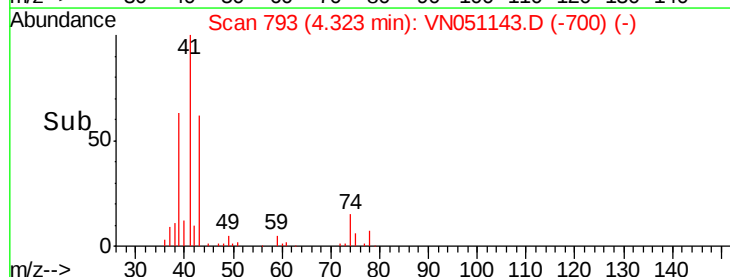
40000

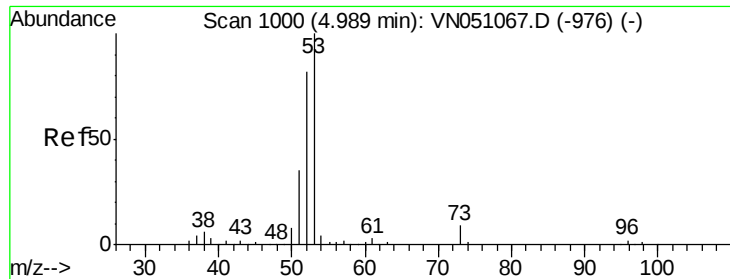
20000

0

Time-->

4.20 4.30 4.40





#15

Acrylonitrile

Concen: 107.08 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

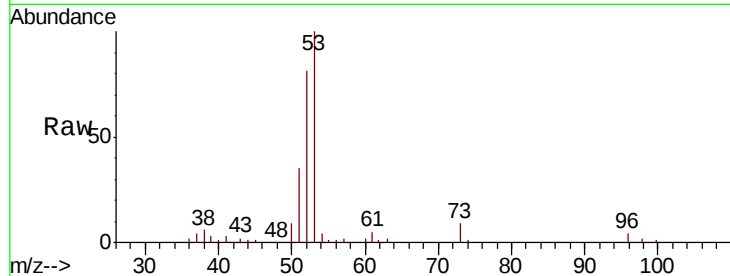
Tot Ion: 53 Resp: 253730

Ion Ratio Lower Upper

53 100

52 82.7 65.3 97.9

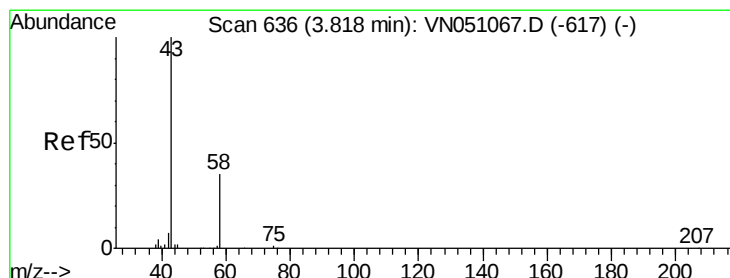
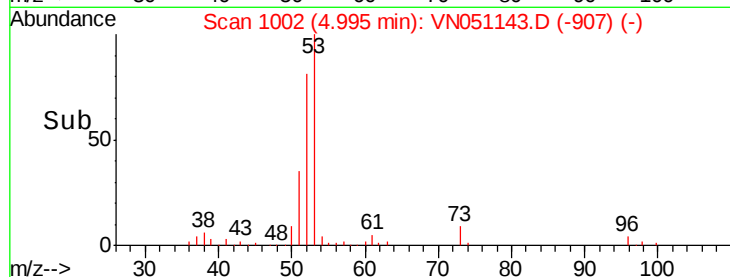
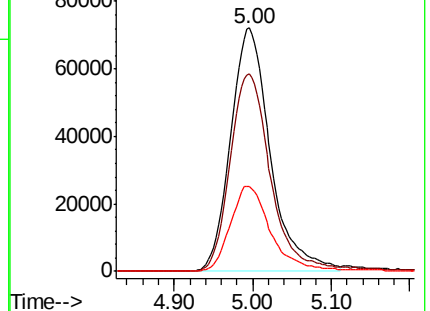
51 35.1 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VN051067.D (-976) (-)

Ion 52.00 (51.70 to 52.70): VN051067.D (-976) (-)

Ion 51.00 (50.70 to 51.70): VN051067.D (-976) (-)



#16

Acetone

Concen: 101.38 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051143.D

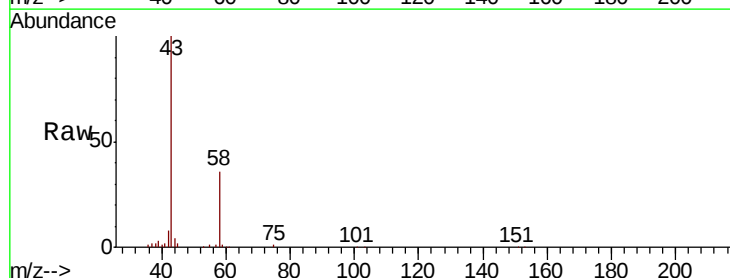
Acq: 12 Sep 2018 11:17

Tgt Ion: 43 Resp: 181503

Ion Ratio Lower Upper

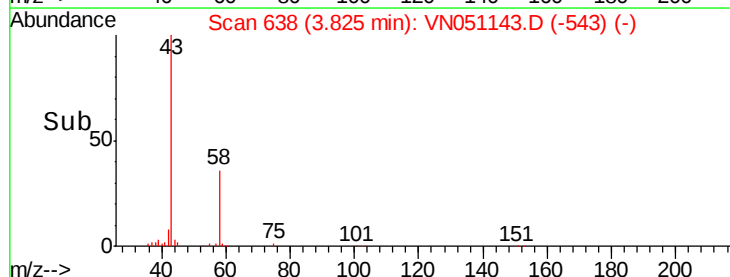
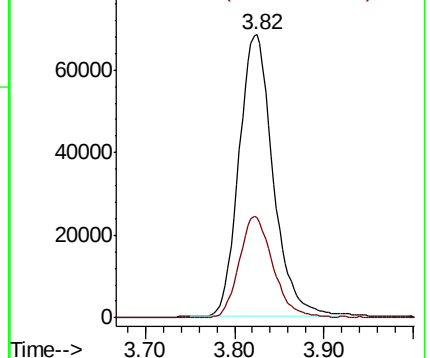
43 100

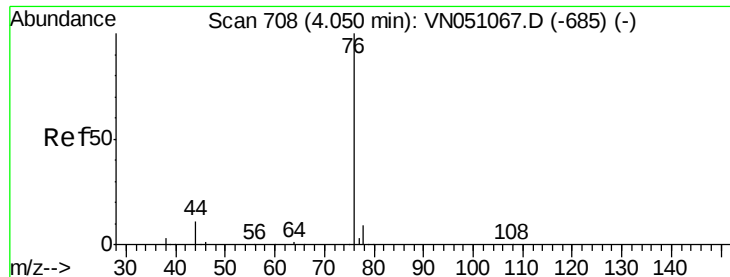
58 35.8 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN051067.D (-617) (-)

Ion 58.00 (57.70 to 58.70): VN051067.D (-617) (-)

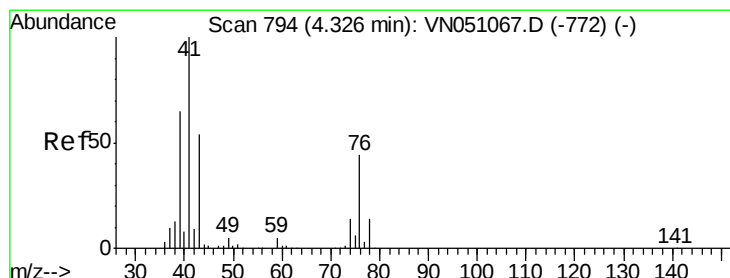
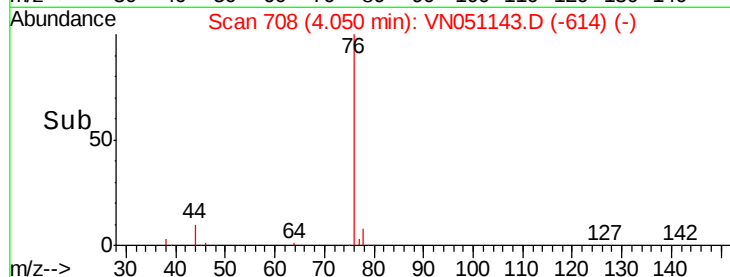
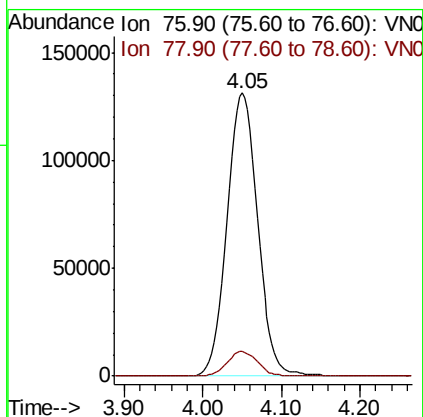
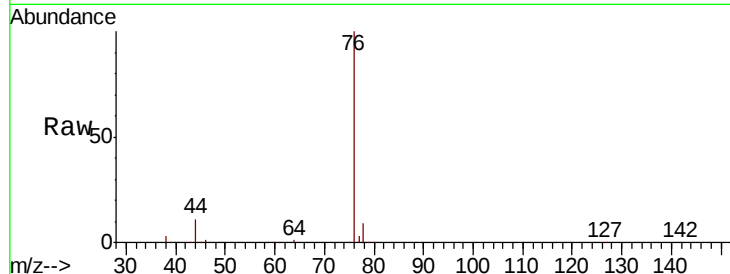




#17
Carbon Disulfide
Concen: 18.07 ug/l
RT: 4.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN051143.D
Acq: 12 Sep 2018 11:17

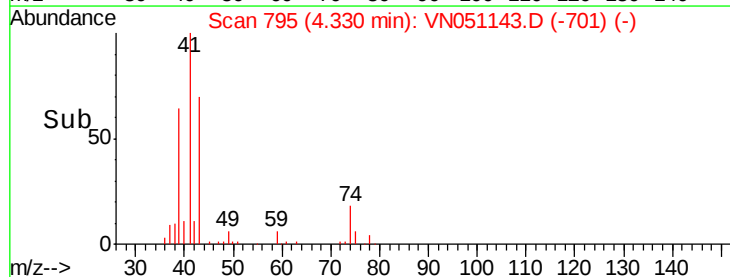
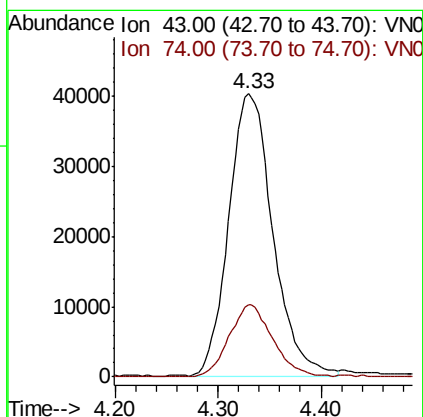
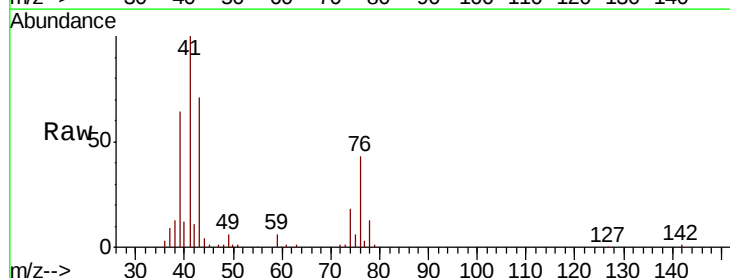
Instrument :
MSVOA_N
ClientSampled :
VN0912WBSD01

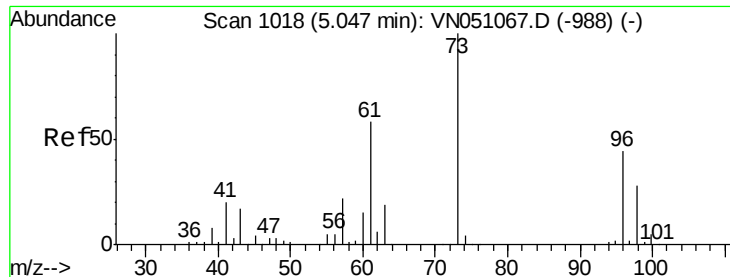
Tot Ion: 76 Resp: 355982
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 21.34 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051143.D
Acq: 12 Sep 2018 11:17

Tgt Ion: 43 Resp: 119612
Ion Ratio Lower Upper
43 100
74 25.1 20.7 31.1

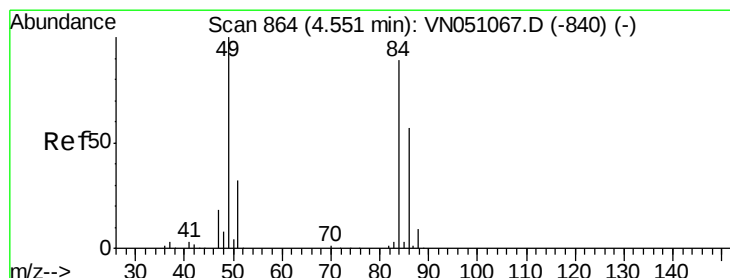
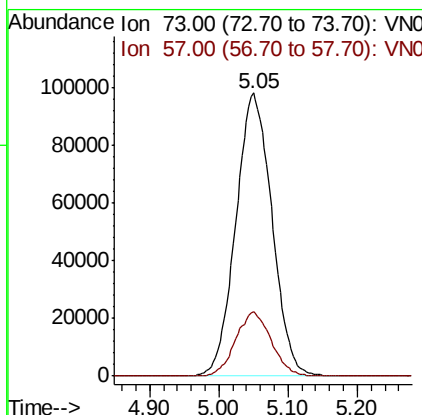
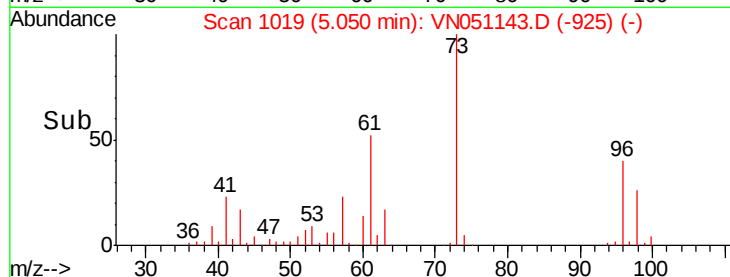
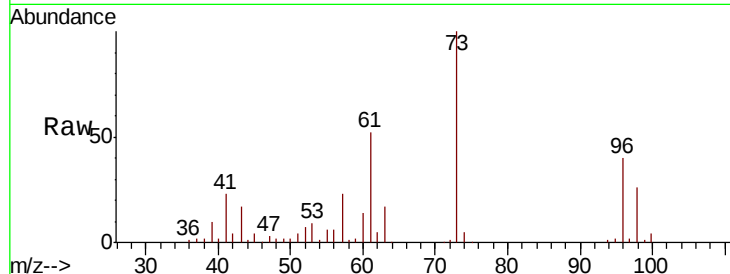




#19
Methvl tert-butvl Ether
Concen: 20.09 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN051143.D
Acq: 12 Sep 2018 11:17

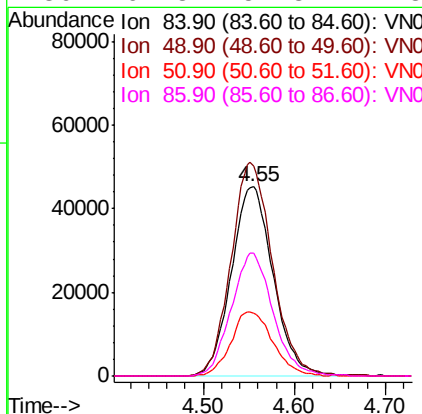
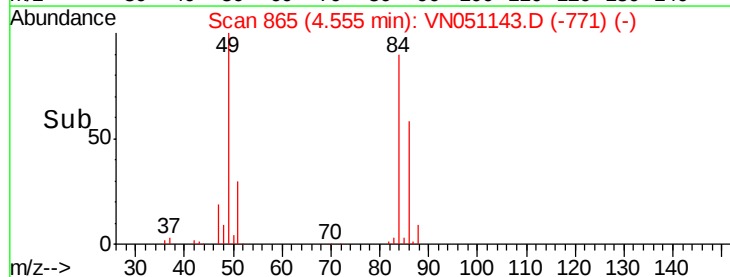
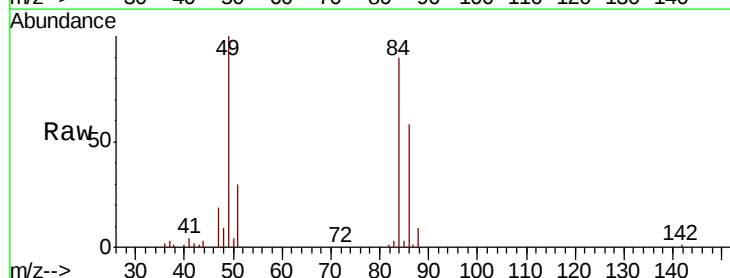
Instrument :
MSVOA_N
ClientSampled :
VN0912WBSD01

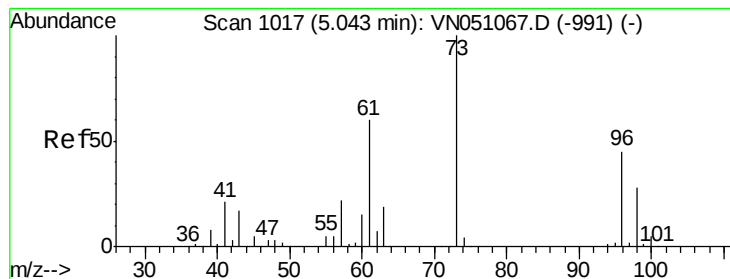
Tot Ion: 73 Resp: 356467
Ion Ratio Lower Upper
73 100
57 23.0 17.9 26.9



#20
Methylene Chloride
Concen: 18.66 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051143.D
Acq: 12 Sep 2018 11:17

Tgt Ion: 84 Resp: 144314
Ion Ratio Lower Upper
84 100
49 111.0 90.2 135.2
51 33.5 28.4 42.6
86 64.8 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 18.09 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

Instrument :
MSVOA_N
ClientSampled :
VN0912WBSD01

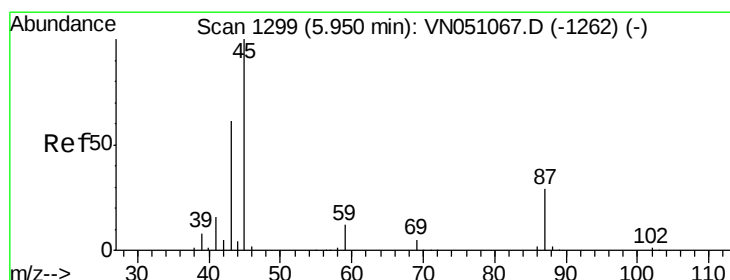
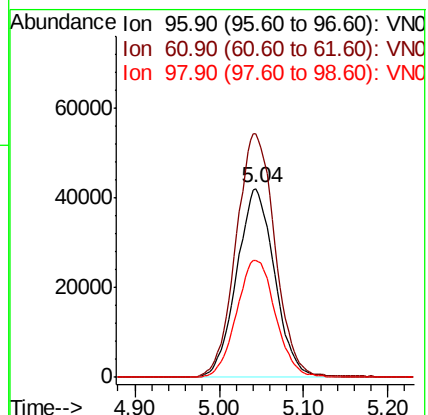
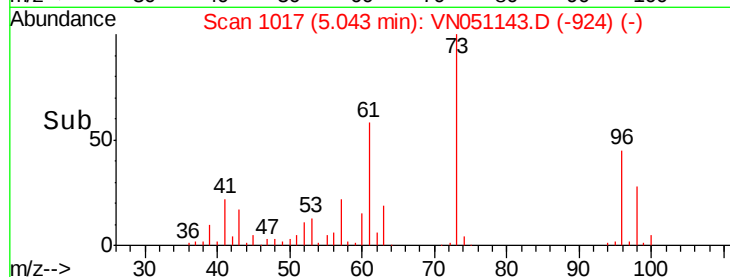
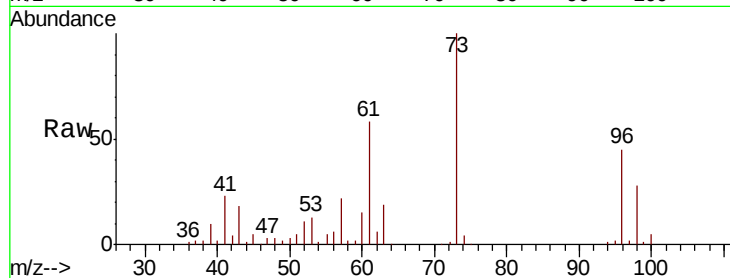
Tot Ion: 96 Resp: 131658

Ion Ratio Lower Upper

96 100

61 128.7 106.5 159.7

98 62.1 50.4 75.6



#22

Diisopropyl ether

Concen: 20.16 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. 0.01 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

Tgt Ion: 45 Resp: 409190

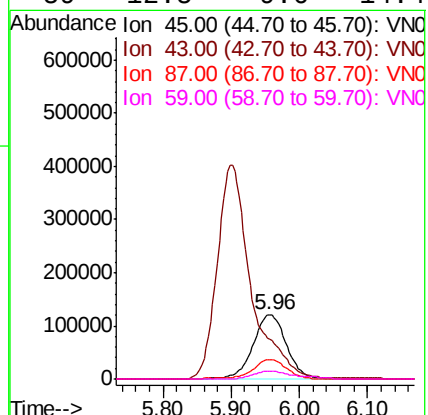
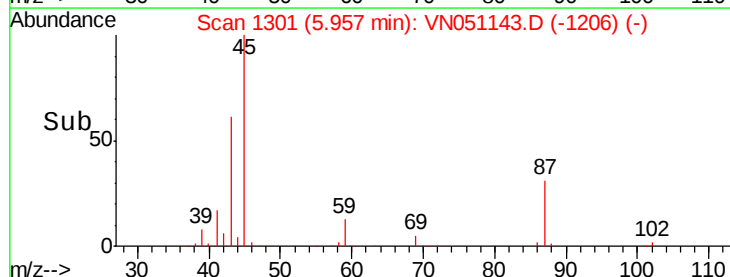
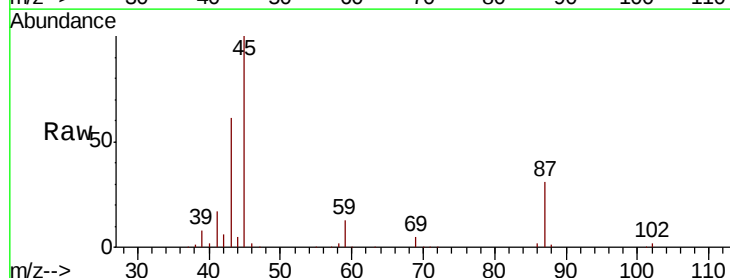
Ion Ratio Lower Upper

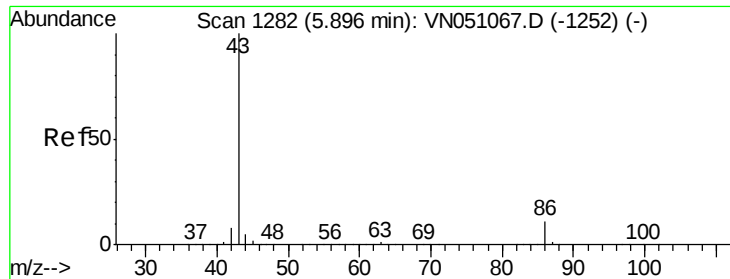
45 100

43 59.6 48.8 73.2

87 30.7 23.8 35.8

59 12.5 9.6 14.4

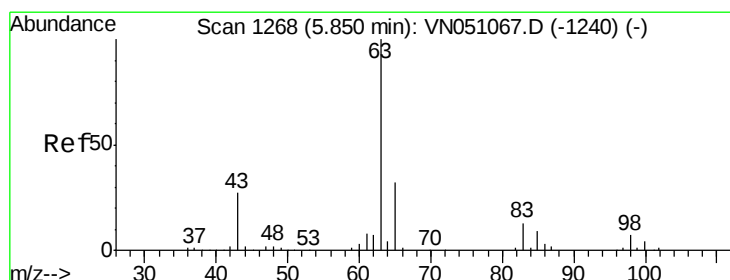
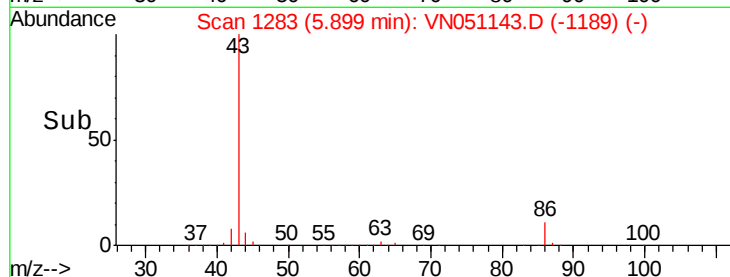
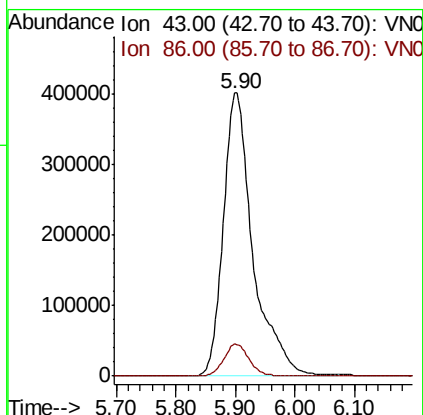
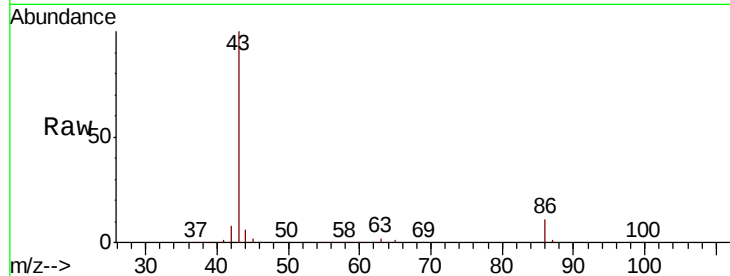




#23
 Vinyl Acetate
 Concen: 101.48 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VN051143.D
 Acq: 12 Sep 2018 11:17

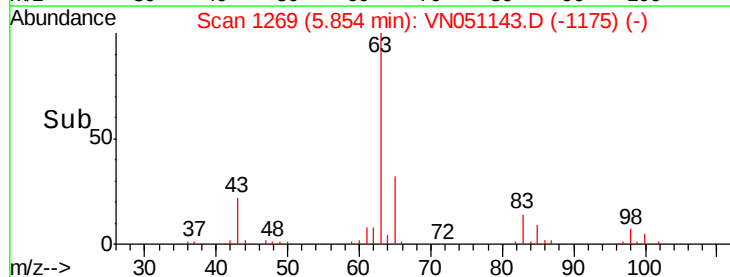
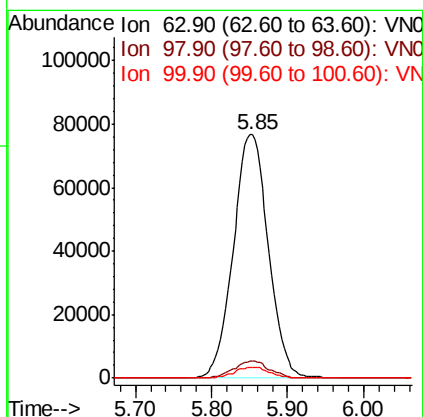
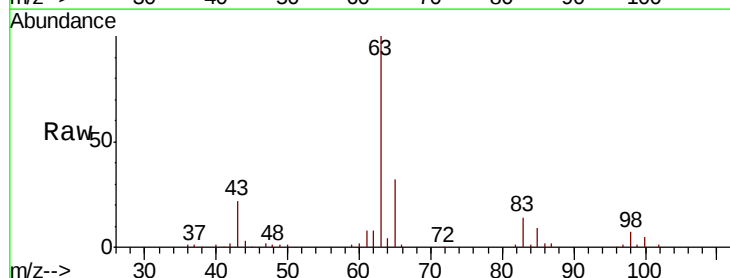
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01

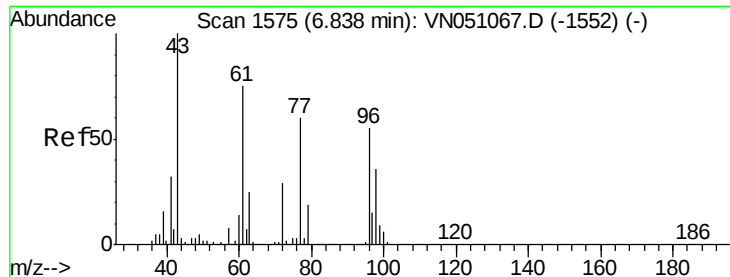
Tot Ion: 43 Resp: 1393674
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 19.08 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VN051143.D
 Acq: 12 Sep 2018 11:17

Tgt Ion: 63 Resp: 245668
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.1
 100 4.5 2.1 6.3





#25

2-Butanone

Concen: 102.15 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

Instrument :

MSVOA_N

ClientSampled :

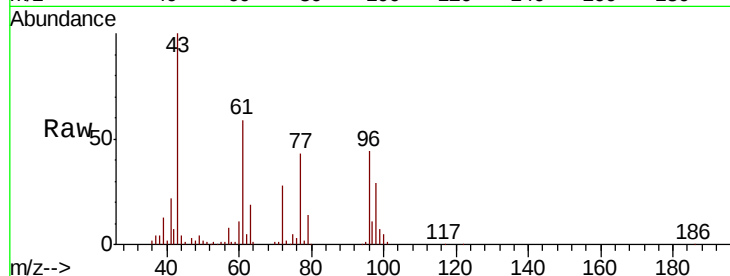
VN0912WBSD01

Tot Ion: 43 Resp: 281181

Ion Ratio Lower Upper

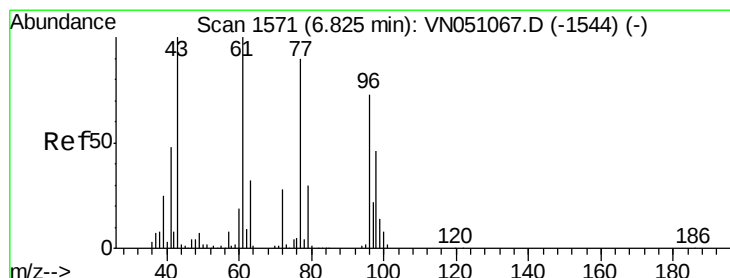
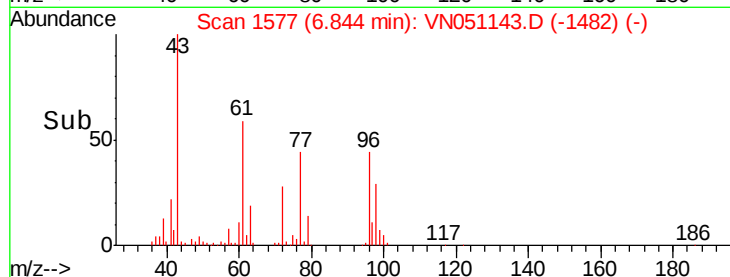
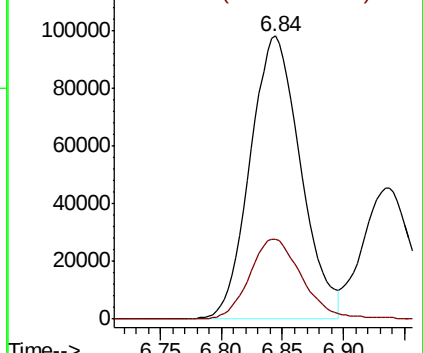
43 100

72 28.4 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 17.37 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN051143.D

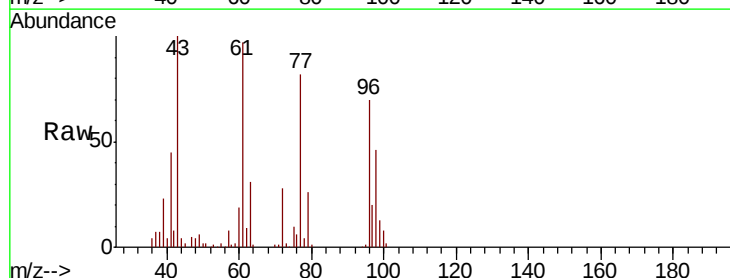
Acq: 12 Sep 2018 11:17

Tgt Ion: 77 Resp: 183082

Ion Ratio Lower Upper

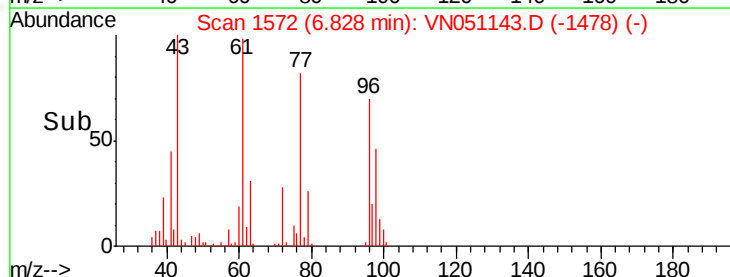
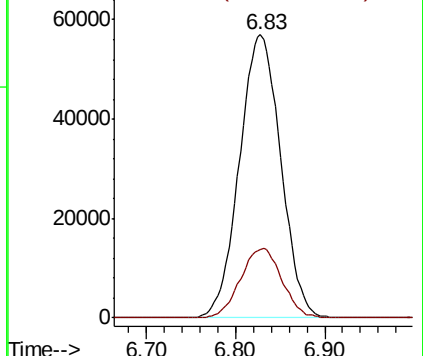
77 100

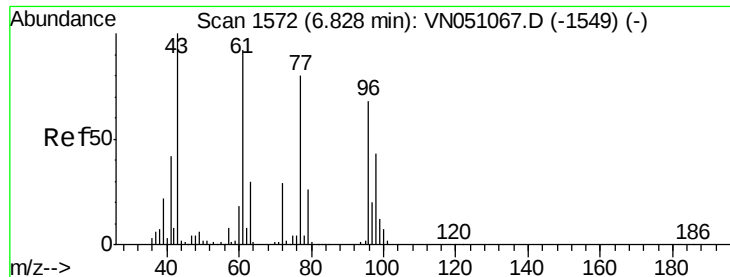
97 24.5 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 18.68 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.01 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

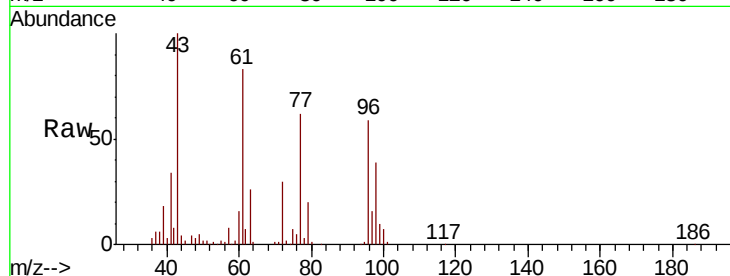
Tot Ion: 96 Resp: 149159

Ion Ratio Lower Upper

96 100

61 139.0 0.0 278.2

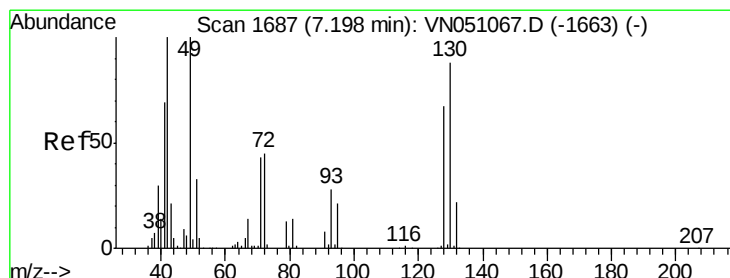
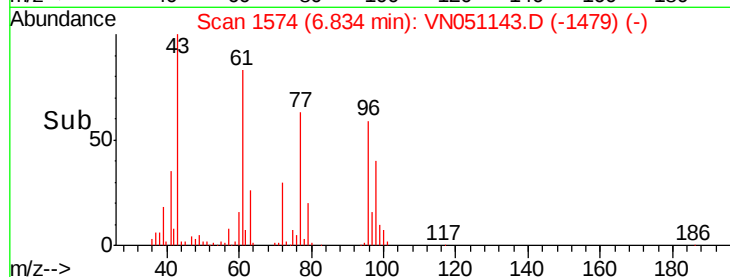
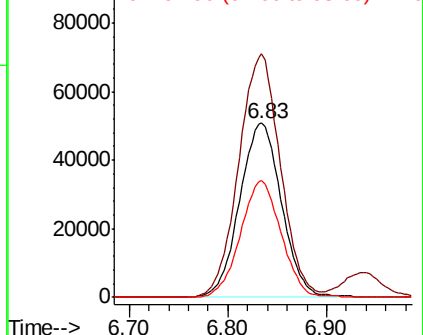
98 65.1 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.99 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

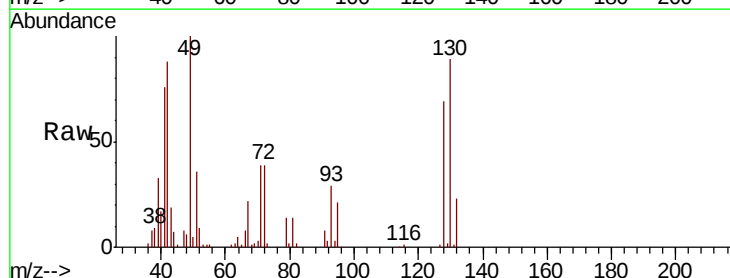
Tgt Ion: 49 Resp: 114558

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

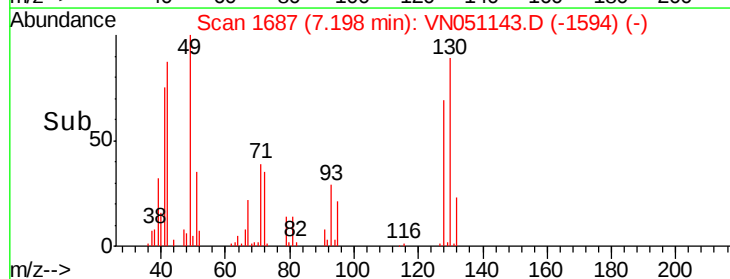
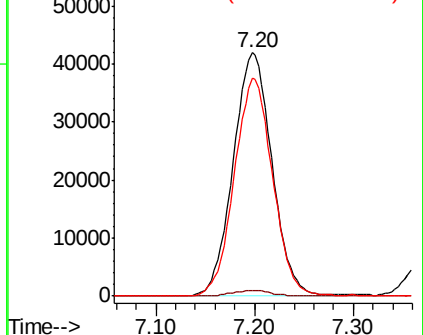
130 88.3 70.7 106.1

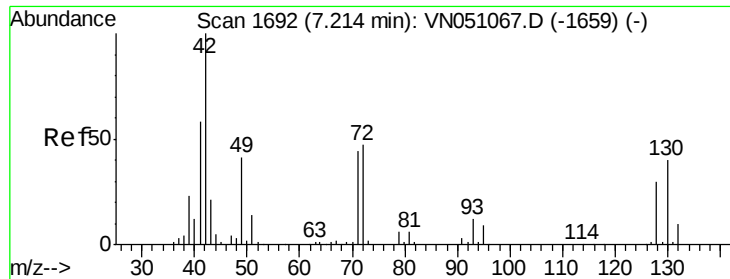


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 112.05 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

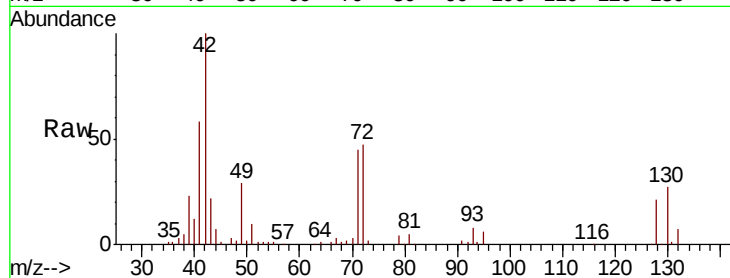
Tot Ion: 42 Resp: 192606

Ion Ratio Lower Upper

42 100

72 46.3 37.4 56.0

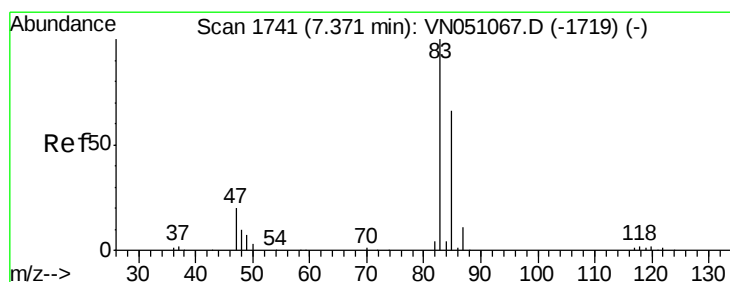
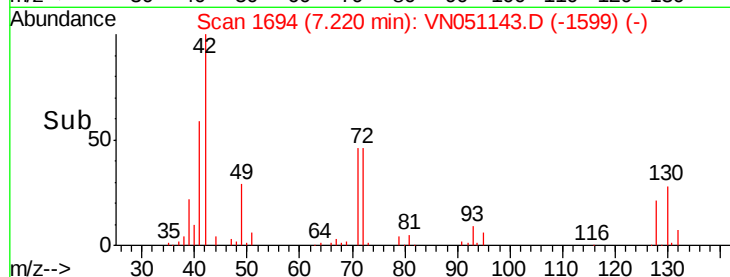
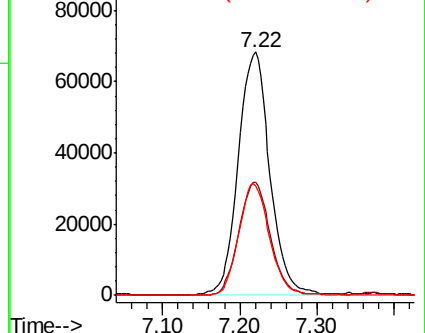
71 45.1 34.7 52.1



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 19.66 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN051143.D

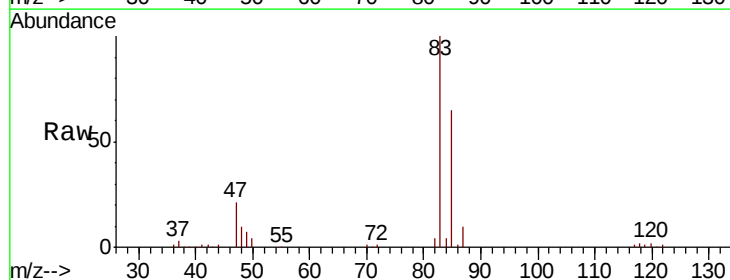
Acq: 12 Sep 2018 11:17

Tgt Ion: 83 Resp: 251893

Ion Ratio Lower Upper

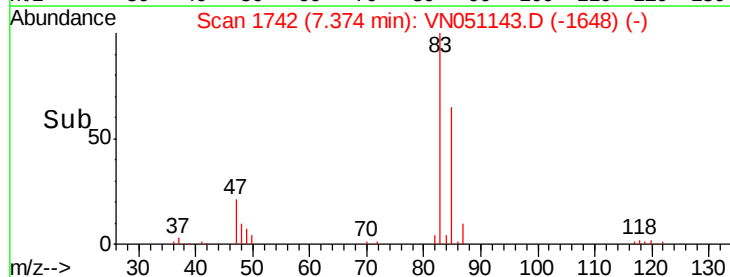
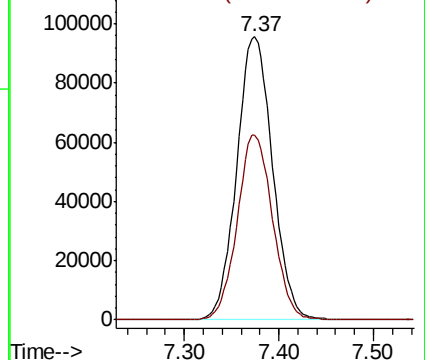
83 100

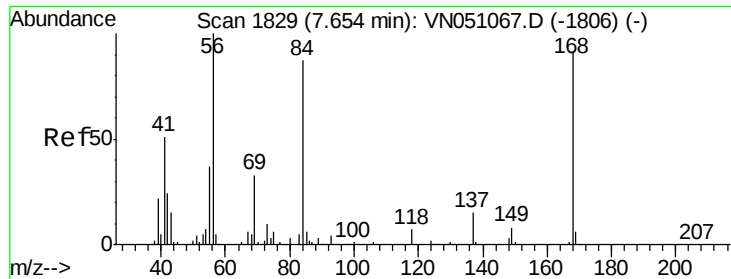
85 65.4 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

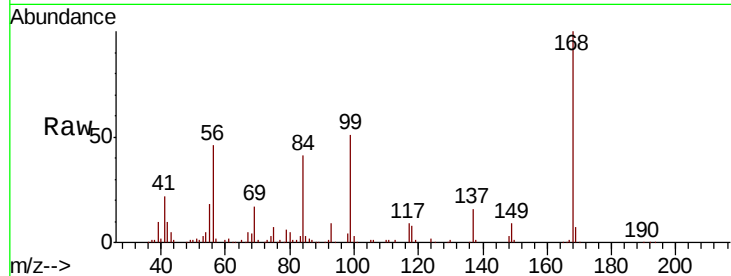




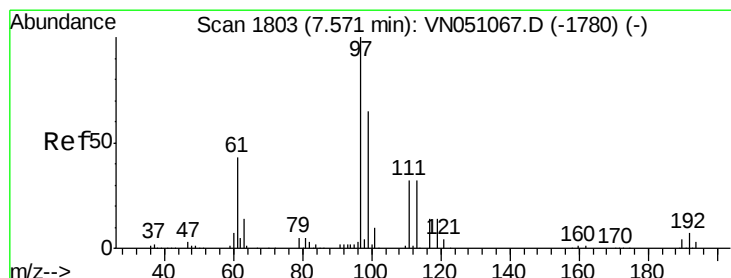
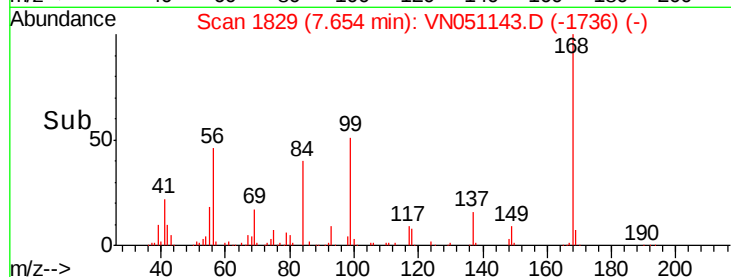
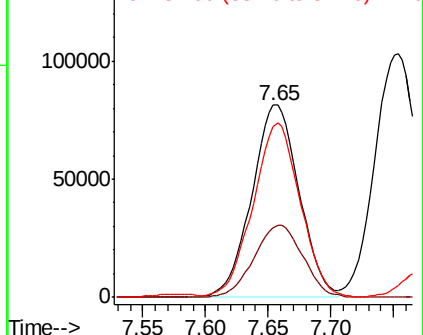
#31
Cyclohexane
Concen: 18.50 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN051143.D
Acq: 12 Sep 2018 11:17

Instrument :
MSVOA_N
ClientSampled :
VN0912WBSD01

Tot Ion	56	69	84	Resp	213996	Lower	Upper
Ion Ratio	100	36.3	87.3			26.3	39.5
						69.4	104.0

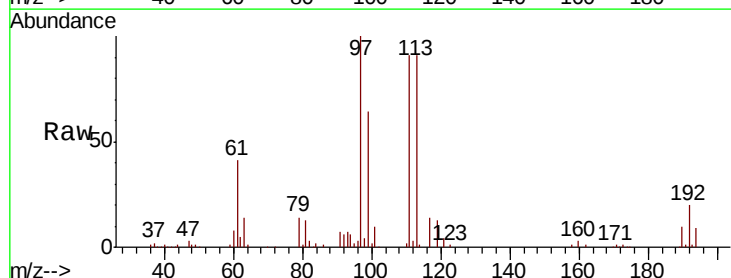


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

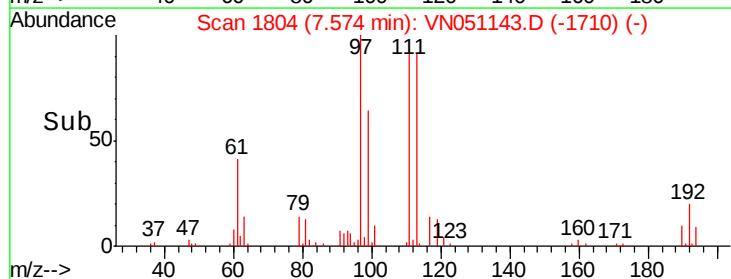
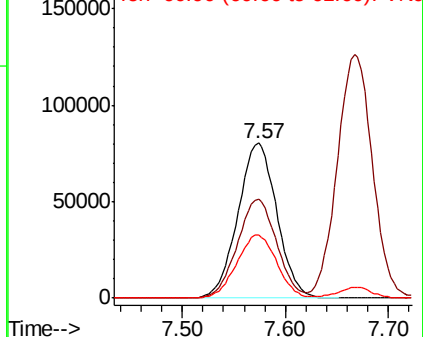


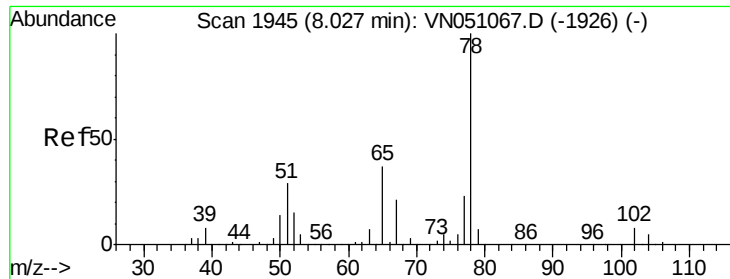
#32
1,1,1-Trichloroethane
Concen: 19.31 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN051143.D
Acq: 12 Sep 2018 11:17

Tgt Ion	97	113	Resp	210716	Lower	Upper
Ion Ratio	100	64.3			51.6	77.4
					33.8	50.6



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

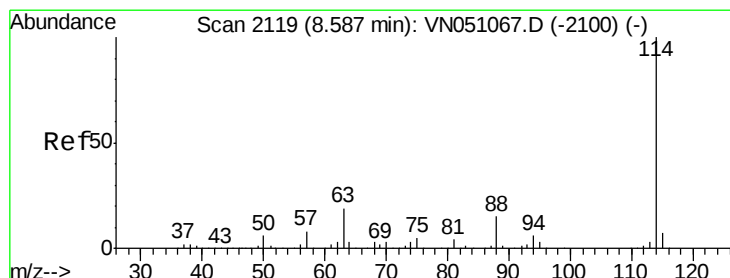
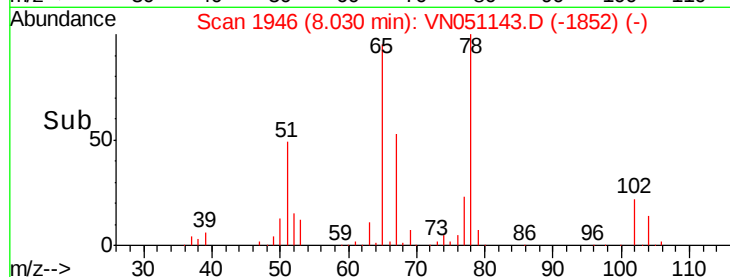
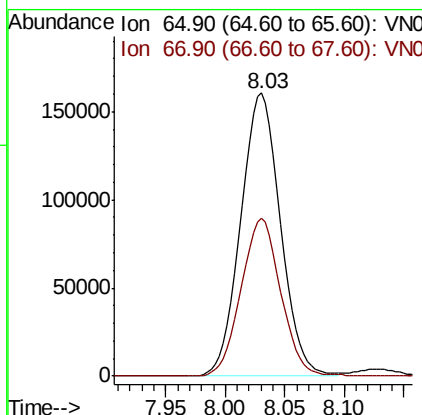
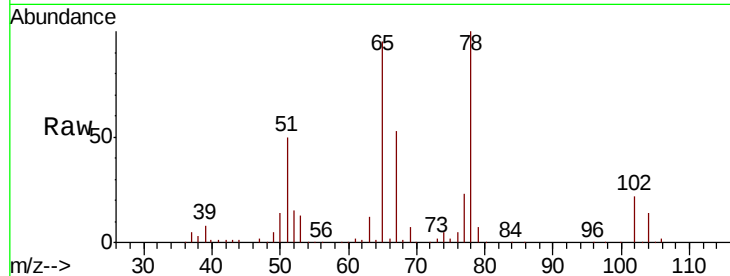




#33
 1,2-Dichloroethane-d4
 Concen: 53.04 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051143.D
 Acq: 12 Sep 2018 11:17

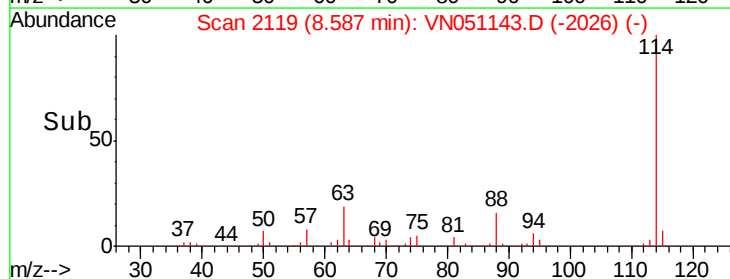
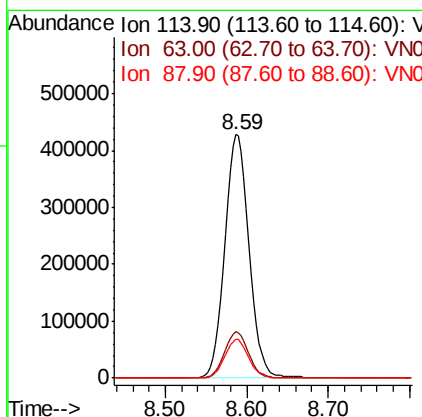
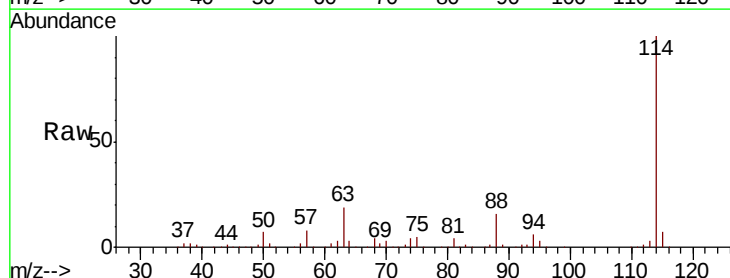
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01

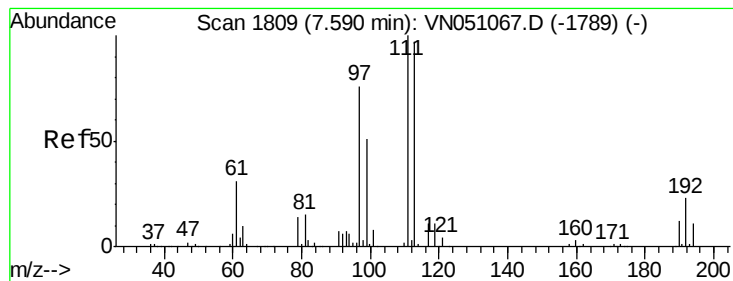
Tot Ion: 65 Resp: 371301
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051143.D
 Acq: 12 Sep 2018 11:17

Tgt Ion:114 Resp: 900283
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.8
 88 15.9 0.0 30.8





#35

Dibromofluoromethane

Concen: 52.86 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

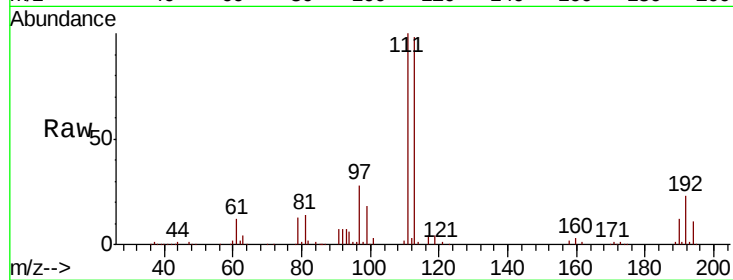
Tot Ion:113 Resp: 357575

Ion Ratio Lower Upper

113 100

111 100.7 83.0 124.6

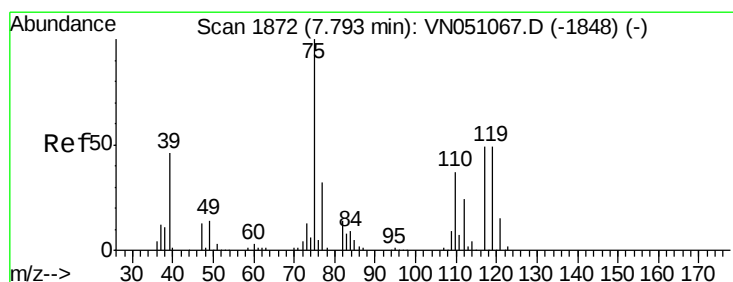
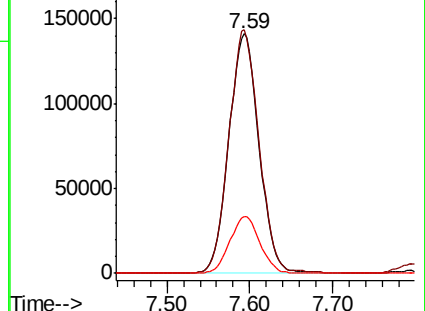
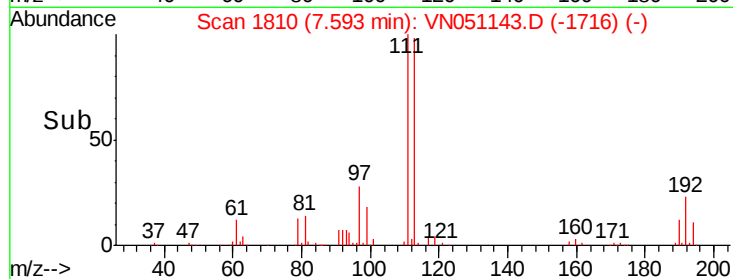
192 23.5 18.7 28.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.36 ug/l

RT: 7.80 min Scan# 1873

Delta R.T. 0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

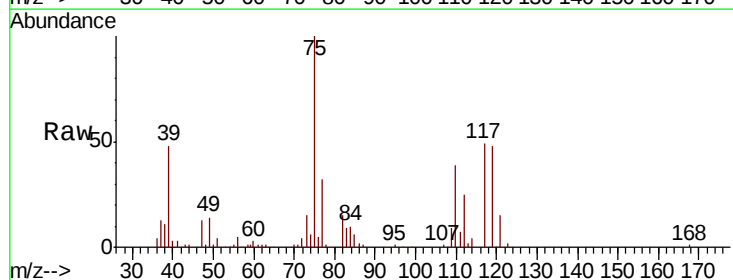
Tgt Ion: 75 Resp: 181476

Ion Ratio Lower Upper

75 100

110 37.8 18.6 55.8

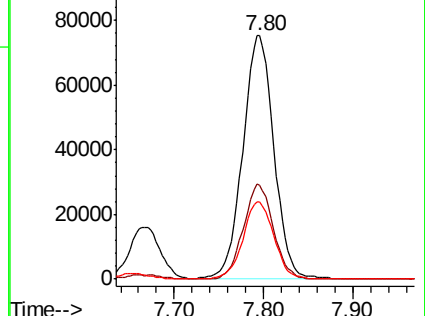
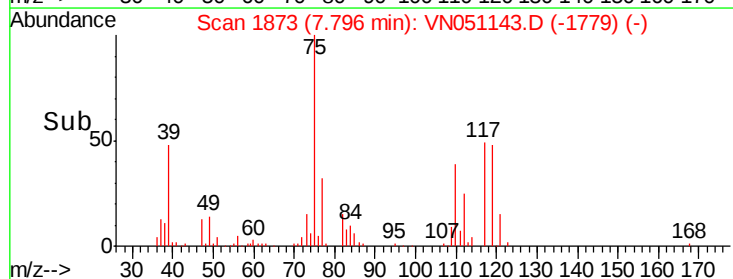
77 31.9 25.2 37.8

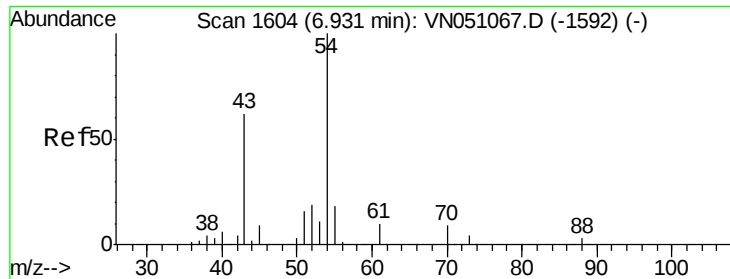


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

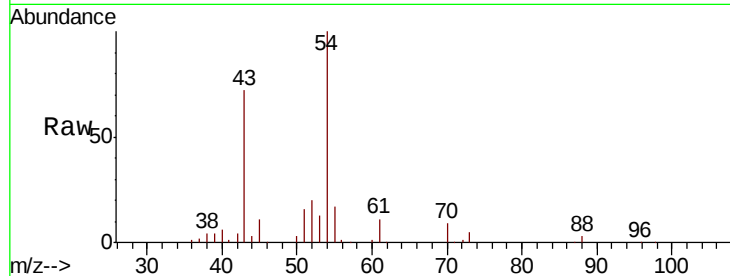




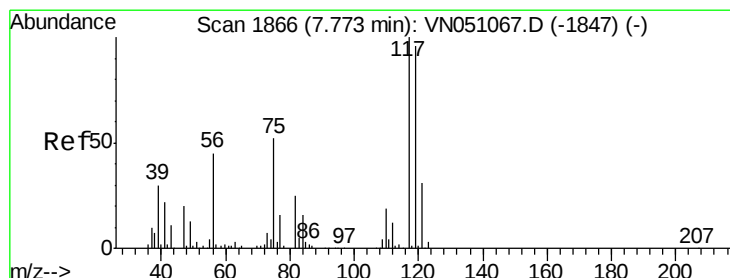
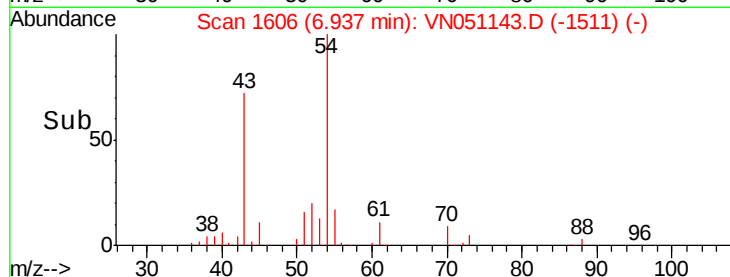
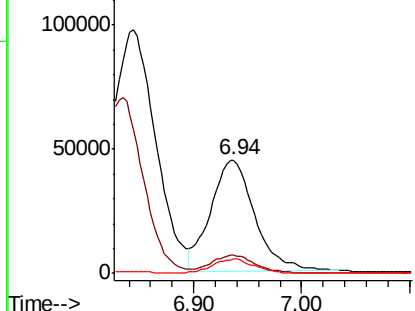
#37
Ethyl Acetate
Concen: 22.55 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VN051143.D
Acq: 12 Sep 2018 11:17

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tot Ion: 43 Resp: 129107
Ion Ratio Lower Upper
43 100
61 14.9 12.4 18.6
70 12.2 9.3 13.9

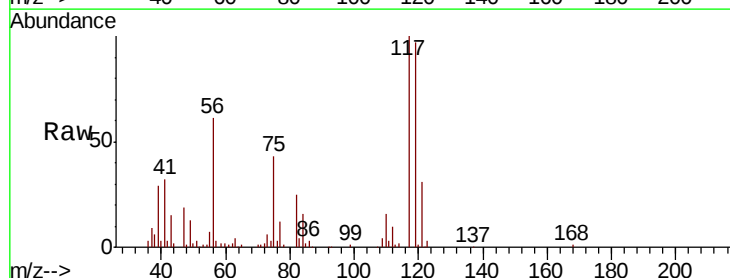


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

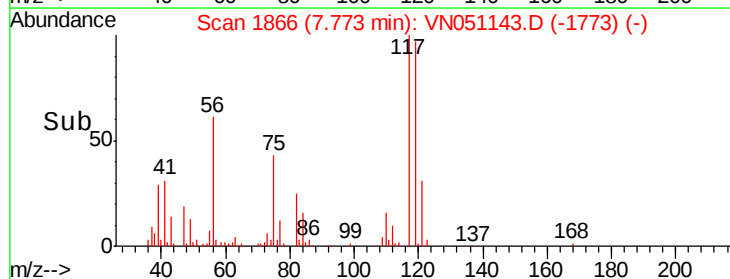
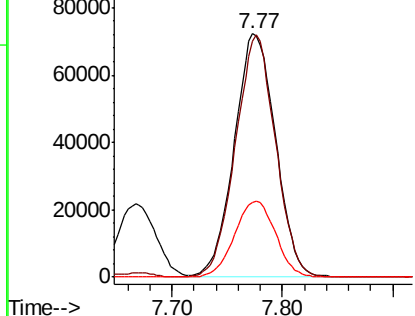


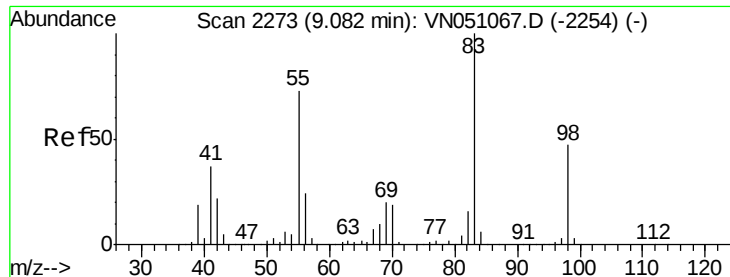
#38
Carbon Tetrachloride
Concen: 19.29 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051143.D
Acq: 12 Sep 2018 11:17

Tgt Ion: 117 Resp: 187695
Ion Ratio Lower Upper
117 100
119 96.7 76.8 115.2
121 30.7 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#39

Methvlcvclohexane

Concen: 17.74 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

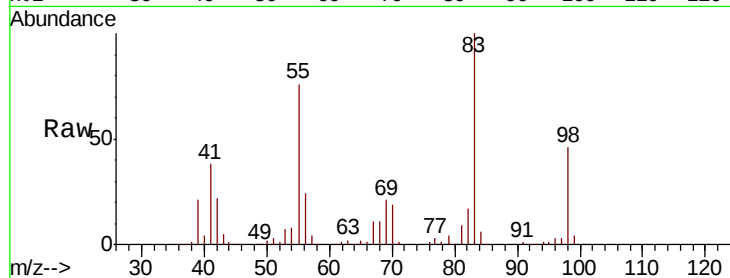
Tot Ion: 83 Resp: 193434

Ion Ratio Lower Upper

83 100

55 76.4 58.4 87.6

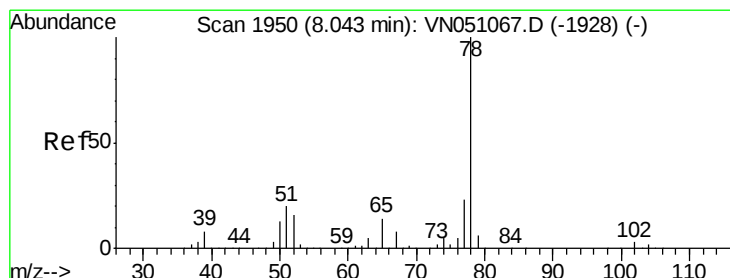
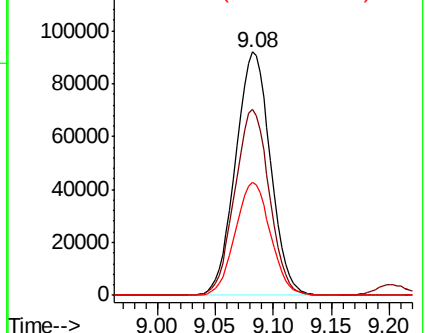
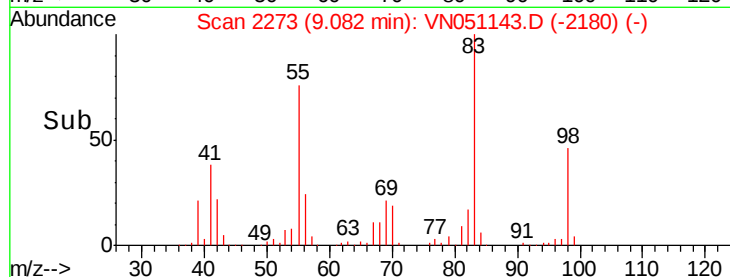
98 46.4 37.3 55.9



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40

Benzene

Concen: 19.36 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. -0.00 min

Lab File: VN051143.D

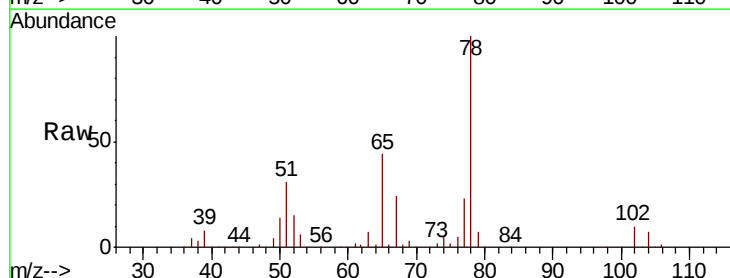
Acq: 12 Sep 2018 11:17

Tgt Ion: 78 Resp: 576513

Ion Ratio Lower Upper

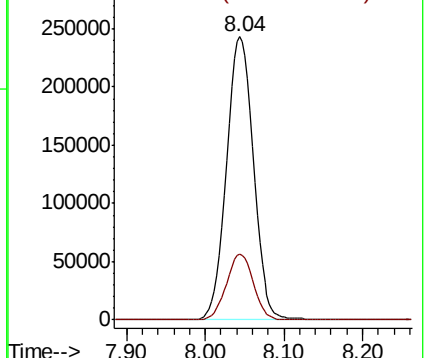
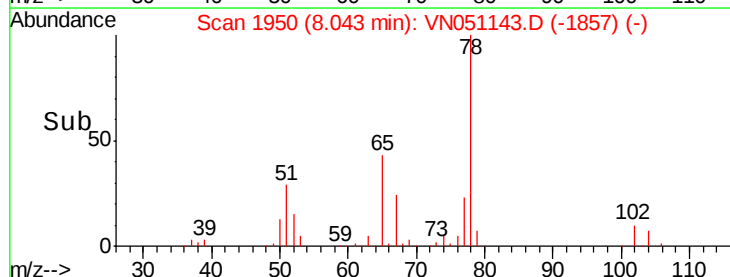
78 100

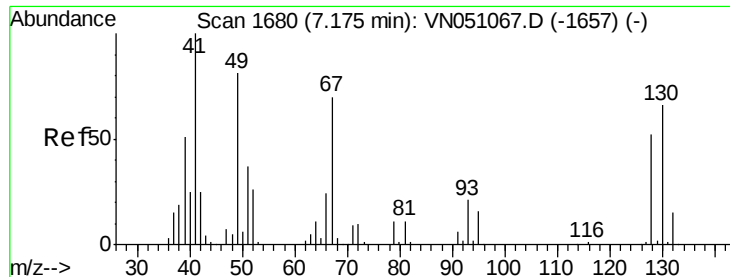
77 23.2 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

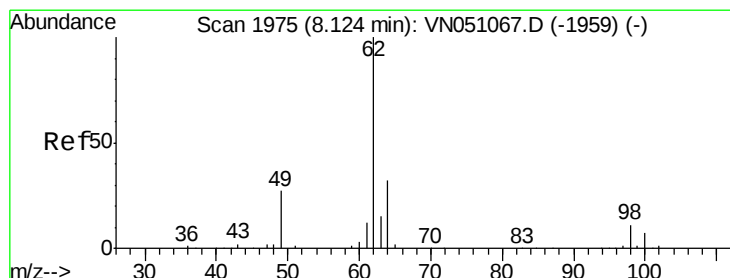
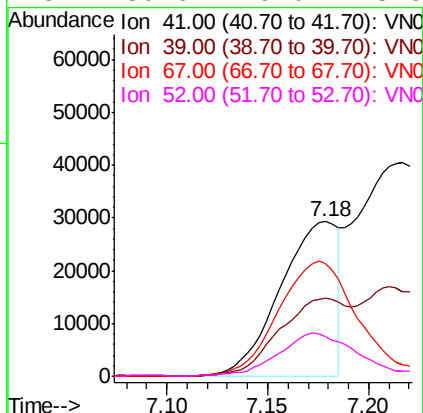
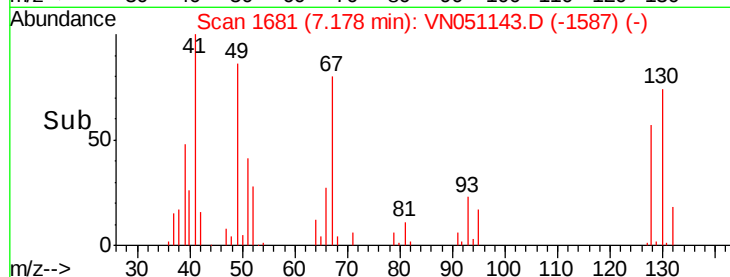
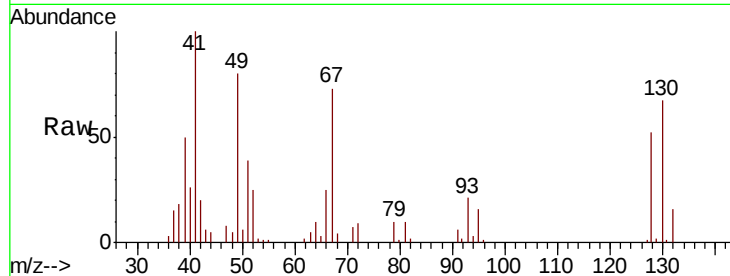




#41
Methacrylonitrile
Concen: 19.66 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN051143.D
Acq: 12 Sep 2018 11:17

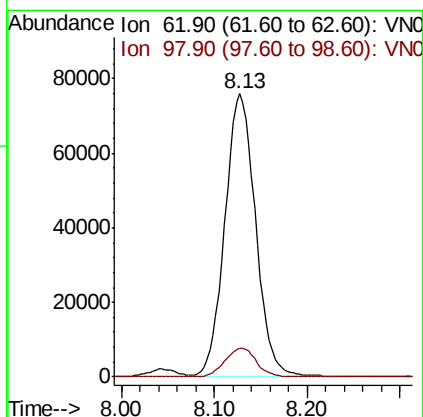
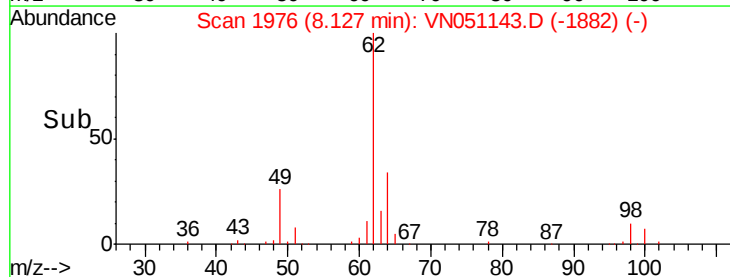
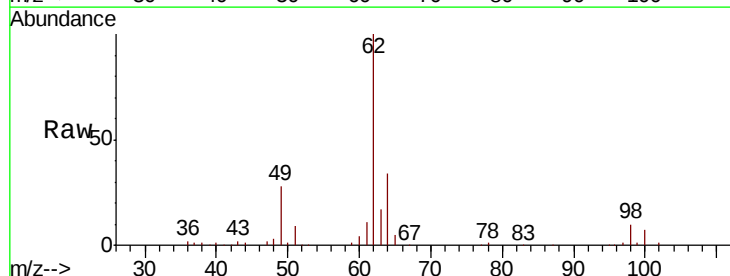
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

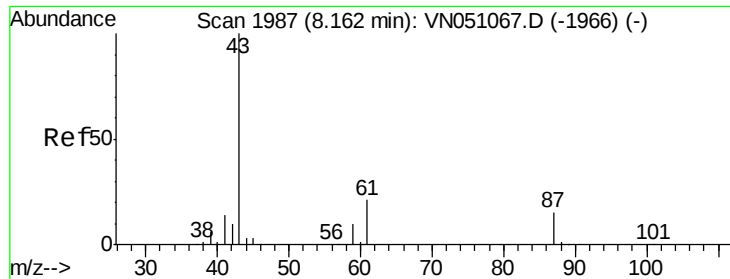
Tot Ion: 41 Resp: 58082
Ion Ratio Lower Upper
41 100
39 59.9 51.3 76.9
67 102.7 78.5 117.7
52 39.6 29.0 43.6



#42
1,2-Dichloroethane
Concen: 20.19 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN051143.D
Acq: 12 Sep 2018 11:17

Tgt Ion: 62 Resp: 175260
Ion Ratio Lower Upper
62 100
98 10.2 0.0 21.0





#43

Isopropyl Acetate

Concen: 21.73 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

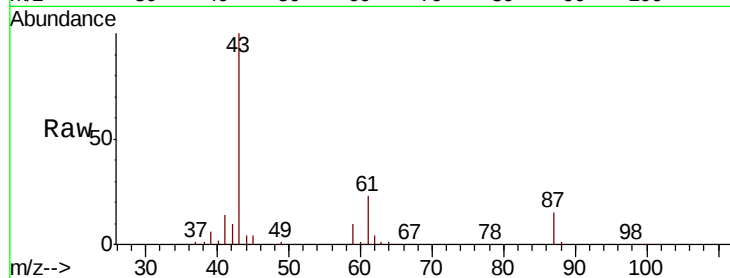
Tot Ion: 43 Resp: 219464

Ion Ratio Lower Upper

43 100

61 30.7 25.0 37.6

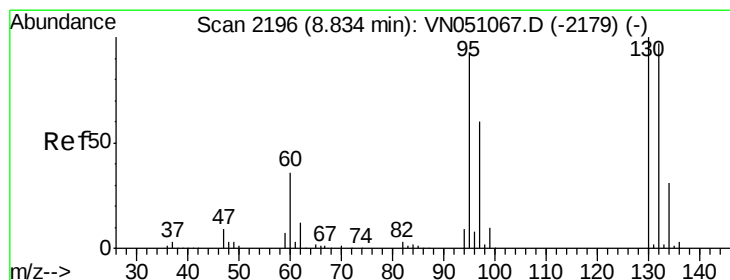
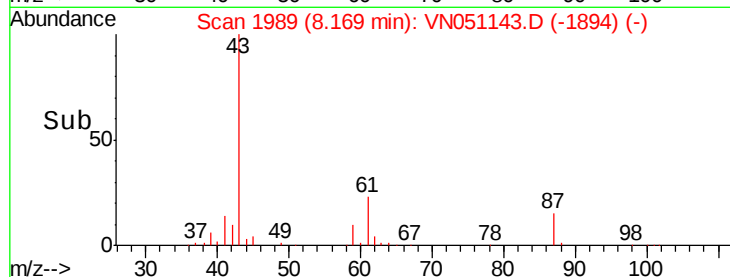
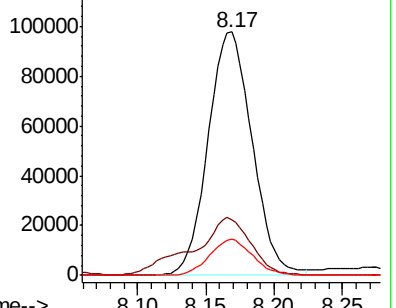
87 14.4 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VN051067.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN051067.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN051067.D (-1966) (-)



#44

Trichloroethene

Concen: 18.62 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN051143.D

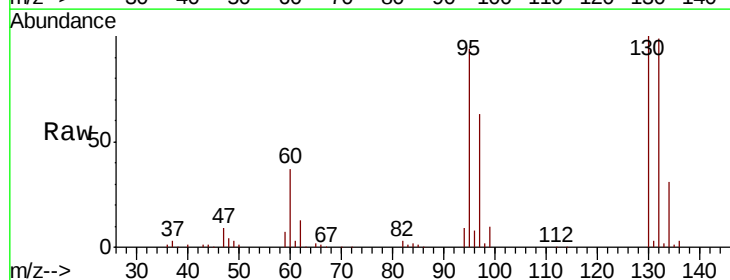
Acq: 12 Sep 2018 11:17

Tgt Ion:130 Resp: 151729

Ion Ratio Lower Upper

130 100

95 93.5 0.0 186.2



Abundance Ion 129.80 (129.50 to 130.50): VN051067.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN051067.D (-2179) (-)

Ion 129.80 (129.50 to 130.50): VN051067.D (-2179) (-)

Ion 130.80 (130.50 to 131.50): VN051067.D (-2179) (-)

Ion 131.80 (131.50 to 132.50): VN051067.D (-2179) (-)

Ion 132.80 (132.50 to 133.50): VN051067.D (-2179) (-)

Ion 133.80 (133.50 to 134.50): VN051067.D (-2179) (-)

Ion 134.80 (134.50 to 135.50): VN051067.D (-2179) (-)

Ion 135.80 (135.50 to 136.50): VN051067.D (-2179) (-)

Ion 136.80 (136.50 to 137.50): VN051067.D (-2179) (-)

Ion 137.80 (137.50 to 138.50): VN051067.D (-2179) (-)

Ion 138.80 (138.50 to 139.50): VN051067.D (-2179) (-)

Ion 139.80 (139.50 to 140.50): VN051067.D (-2179) (-)

Ion 140.80 (140.50 to 141.50): VN051067.D (-2179) (-)

Ion 141.80 (141.50 to 142.50): VN051067.D (-2179) (-)

Ion 142.80 (142.50 to 143.50): VN051067.D (-2179) (-)

Ion 143.80 (143.50 to 144.50): VN051067.D (-2179) (-)

Ion 144.80 (144.50 to 145.50): VN051067.D (-2179) (-)

Ion 145.80 (145.50 to 146.50): VN051067.D (-2179) (-)

Ion 146.80 (146.50 to 147.50): VN051067.D (-2179) (-)

Ion 147.80 (147.50 to 148.50): VN051067.D (-2179) (-)

Ion 148.80 (148.50 to 149.50): VN051067.D (-2179) (-)

Ion 149.80 (149.50 to 150.50): VN051067.D (-2179) (-)

Ion 150.80 (150.50 to 151.50): VN051067.D (-2179) (-)

Ion 151.80 (151.50 to 152.50): VN051067.D (-2179) (-)

Ion 152.80 (152.50 to 153.50): VN051067.D (-2179) (-)

Ion 153.80 (153.50 to 154.50): VN051067.D (-2179) (-)

Ion 154.80 (154.50 to 155.50): VN051067.D (-2179) (-)

Ion 155.80 (155.50 to 156.50): VN051067.D (-2179) (-)

Ion 156.80 (156.50 to 157.50): VN051067.D (-2179) (-)

Ion 157.80 (157.50 to 158.50): VN051067.D (-2179) (-)

Ion 158.80 (158.50 to 159.50): VN051067.D (-2179) (-)

Ion 159.80 (159.50 to 160.50): VN051067.D (-2179) (-)

Ion 160.80 (160.50 to 161.50): VN051067.D (-2179) (-)

Ion 161.80 (161.50 to 162.50): VN051067.D (-2179) (-)

Ion 162.80 (162.50 to 163.50): VN051067.D (-2179) (-)

Ion 163.80 (163.50 to 164.50): VN051067.D (-2179) (-)

Ion 164.80 (164.50 to 165.50): VN051067.D (-2179) (-)

Ion 165.80 (165.50 to 166.50): VN051067.D (-2179) (-)

Ion 166.80 (166.50 to 167.50): VN051067.D (-2179) (-)

Ion 167.80 (167.50 to 168.50): VN051067.D (-2179) (-)

Ion 168.80 (168.50 to 169.50): VN051067.D (-2179) (-)

Ion 169.80 (169.50 to 170.50): VN051067.D (-2179) (-)

Ion 170.80 (170.50 to 171.50): VN051067.D (-2179) (-)

Ion 171.80 (171.50 to 172.50): VN051067.D (-2179) (-)

Ion 172.80 (172.50 to 173.50): VN051067.D (-2179) (-)

Ion 173.80 (173.50 to 174.50): VN051067.D (-2179) (-)

Ion 174.80 (174.50 to 175.50): VN051067.D (-2179) (-)

Ion 175.80 (175.50 to 176.50): VN051067.D (-2179) (-)

Ion 176.80 (176.50 to 177.50): VN051067.D (-2179) (-)

Ion 177.80 (177.50 to 178.50): VN051067.D (-2179) (-)

Ion 178.80 (178.50 to 179.50): VN051067.D (-2179) (-)

Ion 179.80 (179.50 to 180.50): VN051067.D (-2179) (-)

Ion 180.80 (180.50 to 181.50): VN051067.D (-2179) (-)

Ion 181.80 (181.50 to 182.50): VN051067.D (-2179) (-)

Ion 182.80 (182.50 to 183.50): VN051067.D (-2179) (-)

Ion 183.80 (183.50 to 184.50): VN051067.D (-2179) (-)

Ion 184.80 (184.50 to 185.50): VN051067.D (-2179) (-)

Ion 185.80 (185.50 to 186.50): VN051067.D (-2179) (-)

Ion 186.80 (186.50 to 187.50): VN051067.D (-2179) (-)

Ion 187.80 (187.50 to 188.50): VN051067.D (-2179) (-)

Ion 188.80 (188.50 to 189.50): VN051067.D (-2179) (-)

Ion 189.80 (189.50 to 190.50): VN051067.D (-2179) (-)

Ion 190.80 (190.50 to 191.50): VN051067.D (-2179) (-)

Ion 191.80 (191.50 to 192.50): VN051067.D (-2179) (-)

Ion 192.80 (192.50 to 193.50): VN051067.D (-2179) (-)

Ion 193.80 (193.50 to 194.50): VN051067.D (-2179) (-)

Ion 194.80 (194.50 to 195.50): VN051067.D (-2179) (-)

Ion 195.80 (195.50 to 196.50): VN051067.D (-2179) (-)

Ion 196.80 (196.50 to 197.50): VN051067.D (-2179) (-)

Ion 197.80 (197.50 to 198.50): VN051067.D (-2179) (-)

Ion 198.80 (198.50 to 199.50): VN051067.D (-2179) (-)

Ion 199.80 (199.50 to 200.50): VN051067.D (-2179) (-)

Ion 200.80 (200.50 to 201.50): VN051067.D (-2179) (-)

Ion 201.80 (201.50 to 202.50): VN051067.D (-2179) (-)

Ion 202.80 (202.50 to 203.50): VN051067.D (-2179) (-)

Ion 203.80 (203.50 to 204.50): VN051067.D (-2179) (-)

Ion 204.80 (204.50 to 205.50): VN051067.D (-2179) (-)

Ion 205.80 (205.50 to 206.50): VN051067.D (-2179) (-)

Ion 206.80 (206.50 to 207.50): VN051067.D (-2179) (-)

Ion 207.80 (207.50 to 208.50): VN051067.D (-2179) (-)

Ion 208.80 (208.50 to 209.50): VN051067.D (-2179) (-)

Ion 209.80 (209.50 to 210.50): VN051067.D (-2179) (-)

Ion 210.80 (210.50 to 211.50): VN051067.D (-2179) (-)

Ion 211.80 (211.50 to 212.50): VN051067.D (-2179) (-)

Ion 212.80 (212.50 to 213.50): VN051067.D (-2179) (-)

Ion 213.80 (213.50 to 214.50): VN051067.D (-2179) (-)

Ion 214.80 (214.50 to 215.50): VN051067.D (-2179) (-)

Ion 215.80 (215.50 to 216.50): VN051067.D (-2179) (-)

Ion 216.80 (216.50 to 217.50): VN051067.D (-2179) (-)

Ion 217.80 (217.50 to 218.50): VN051067.D (-2179) (-)

Ion 218.80 (218.50 to 219.50): VN051067.D (-2179) (-)

Ion 219.80 (219.50 to 220.50): VN051067.D (-2179) (-)

Ion 220.80 (220.50 to 221.50): VN051067.D (-2179) (-)

Ion 221.80 (221.50 to 222.50): VN051067.D (-2179) (-)

Ion 222.80 (222.50 to 223.50): VN051067.D (-2179) (-)

Ion 223.80 (223.50 to 224.50): VN051067.D (-2179) (-)

Ion 224.80 (224.50 to 225.50): VN051067.D (-2179) (-)

Ion 225.80 (225.50 to 226.50): VN051067.D (-2179) (-)

Ion 226.80 (226.50 to 227.50): VN051067.D (-2179) (-)

Ion 227.80 (227.50 to 228.50): VN051067.D (-2179) (-)

Ion 228.80 (228.50 to 229.50): VN051067.D (-2179) (-)

Ion 229.80 (229.50 to 230.50): VN051067.D (-2179) (-)

Ion 230.80 (230.50 to 231.50): VN051067.D (-2179) (-)

Ion 231.80 (231.50 to 232.50): VN051067.D (-2179) (-)

Ion 232.80 (232.50 to 233.50): VN051067.D (-2179) (-)

Ion 233.80 (233.50 to 234.50): VN051067.D (-2179) (-)

Ion 234.80 (234.50 to 235.50): VN051067.D (-2179) (-)

Ion 235.80 (235.50 to 236.50): VN051067.D (-2179) (-)

Ion 236.80 (236.50 to 237.50): VN051067.D (-2179) (-)

Ion 237.80 (237.50 to 238.50): VN051067.D (-2179) (-)

Ion 238.80 (238.50 to 239.50): VN051067.D (-2179) (-)

Ion 239.80 (239.50 to 240.50): VN051067.D (-2179) (-)

Ion 240.80 (240.50 to 241.50): VN051067.D (-2179) (-)

Ion 241.80 (241.50 to 242.50): VN051067.D (-2179) (-)

Ion 242.80 (242.50 to 243.50): VN051067.D (-2179) (-)

Ion 243.80 (243.50 to 244.50): VN051067.D (-2179) (-)

Ion 244.80 (244.50 to 245.50): VN051067.D (-2179) (-)

Ion 245.80 (245.50 to 246.50): VN051067.D (-2179) (-)

Ion 246.80 (246.50 to 247.50): VN051067.D (-2179) (-)

Ion 247.80 (247.50 to 248.50): VN051067.D (-2179) (-)

Ion 248.80 (248.50 to 249.50): VN051067.D (-2179) (-)

Ion 249.80 (249.50 to 250.50): VN051067.D (-2179) (-)

Ion 250.80 (250.50 to 251.50): VN051067.D (-2179) (-)

Ion 251.80 (251.50 to 252.50): VN051067.D (-2179) (-)

Ion 252.80 (252.50 to 253.50): VN051067.D (-2179) (-)

Ion 253.80 (253.50 to 254.50): VN051067.D (-2179) (-)

Ion 254.80 (254.50 to 255.50): VN051067.D (-2179) (-)

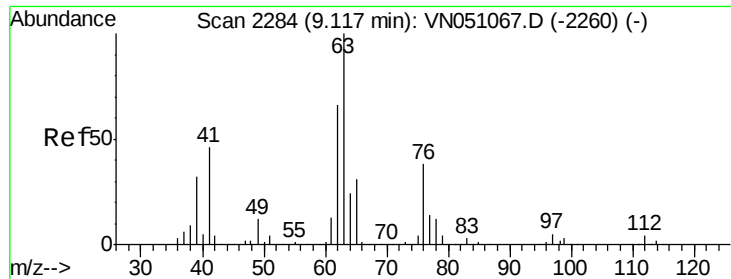
Ion 255.80 (255.50 to 256.50): VN051067.D (-2179) (-)

Ion 256.80 (256.50 to 257.50): VN051067.D (-2179) (-)

Ion 257.80 (257.50 to 258.50): VN051067.D (-2179) (-)

Ion 258.80 (258.50 to 259.50): VN051067.D (-2179) (-)

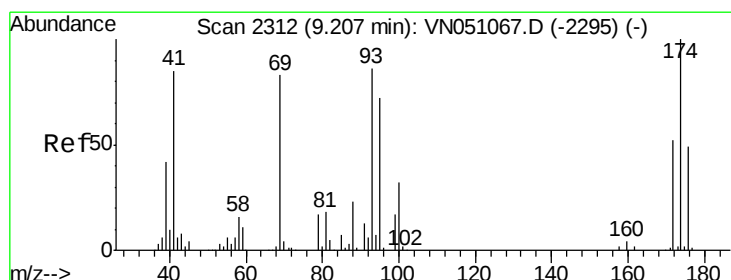
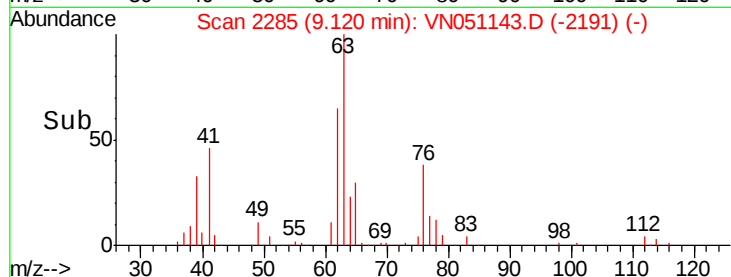
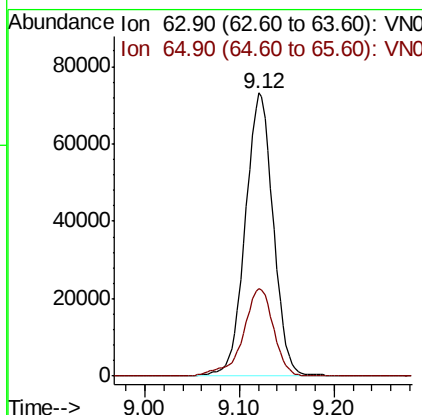
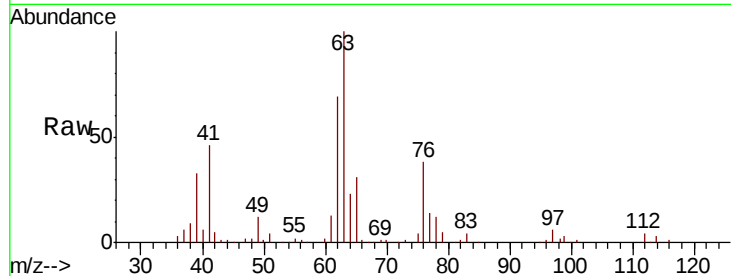
Ion 259.8



#45
 1,2-Dichloropropane
 Concen: 19.52 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN051143.D
 Acq: 12 Sep 2018 11:17

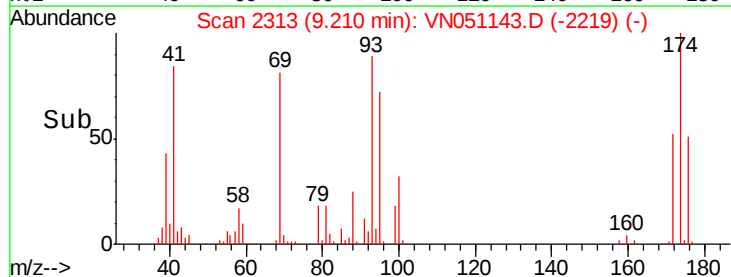
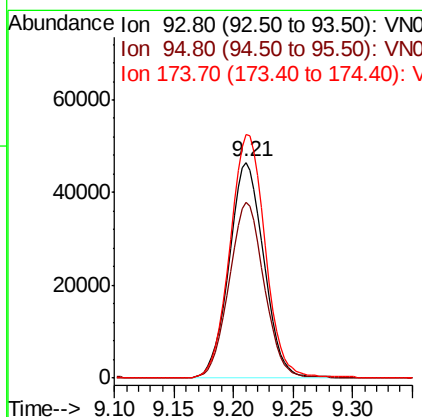
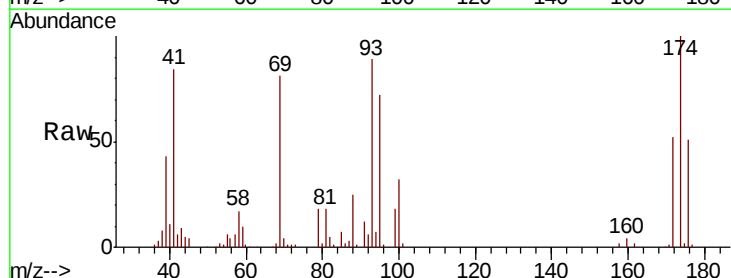
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01

Tot Ion: 63 Resp: 150237
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.7 37.1



#46
 Dibromomethane
 Concen: 20.08 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN051143.D
 Acq: 12 Sep 2018 11:17

Tgt Ion: 93 Resp: 94271
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.8 100.2
 174 114.6 93.3 139.9





#47

Bromodichloromethane

Concen: 19.83 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

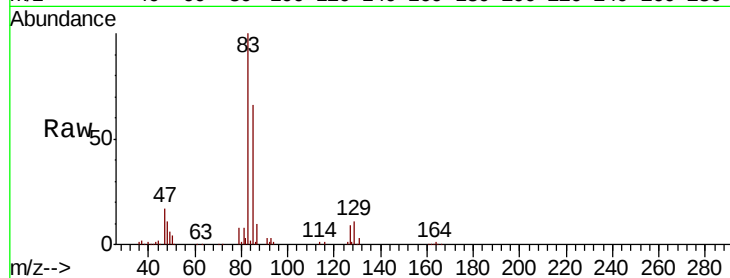
Tot Ion: 83 Resp: 189297

Ion Ratio Lower Upper

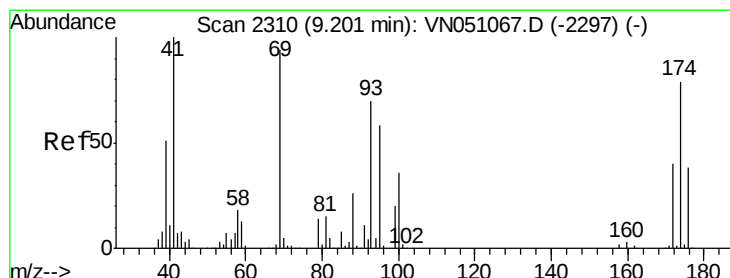
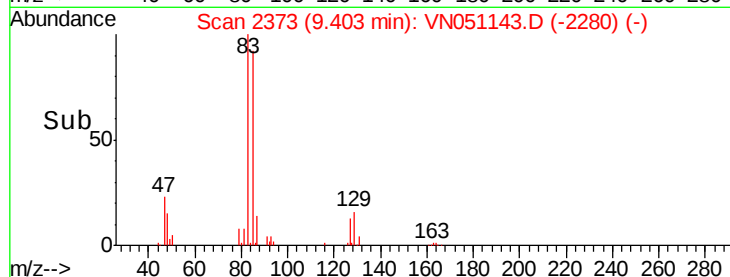
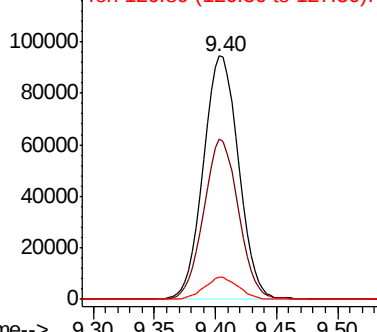
83 100

85 65.7 52.3 78.5

127 9.1 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 20.86 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

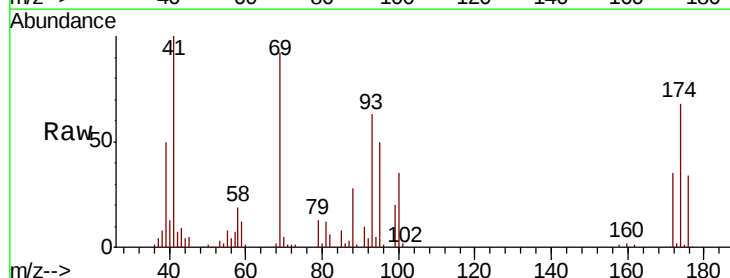
Tgt Ion: 41 Resp: 102674

Ion Ratio Lower Upper

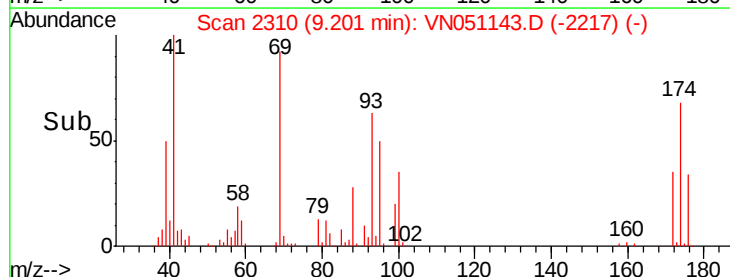
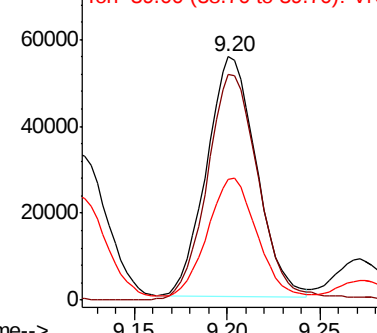
41 100

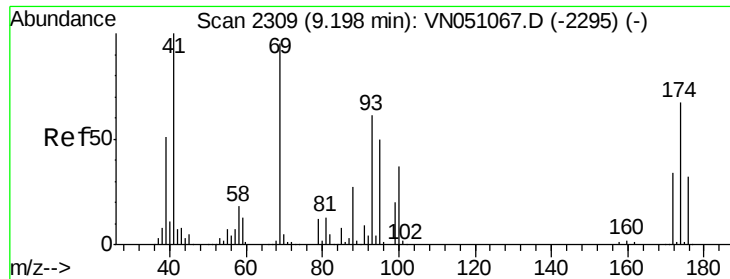
69 98.4 77.7 116.5

39 51.7 41.6 62.4



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 429.51 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.01 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

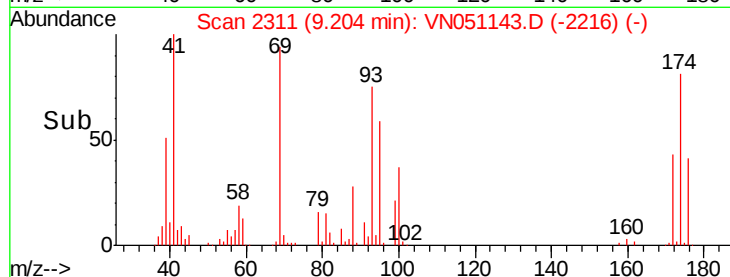
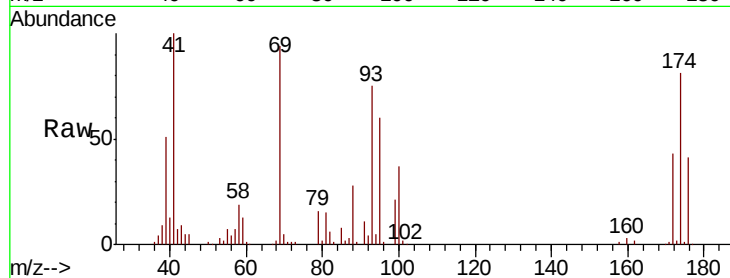
Tot Ion: 88 Resp: 33154

Ion Ratio Lower Upper

88 100

43 32.0 23.7 35.5

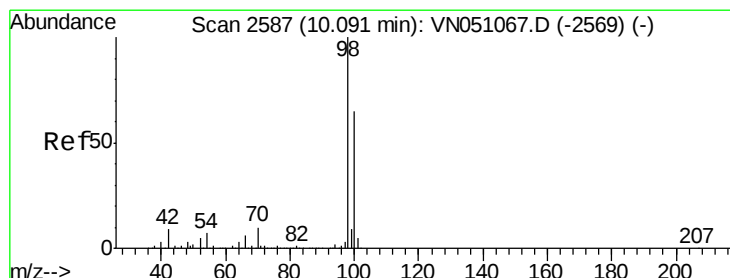
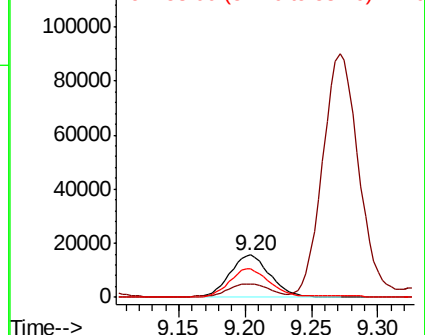
58 66.4 54.6 82.0



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 51.63 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051143.D

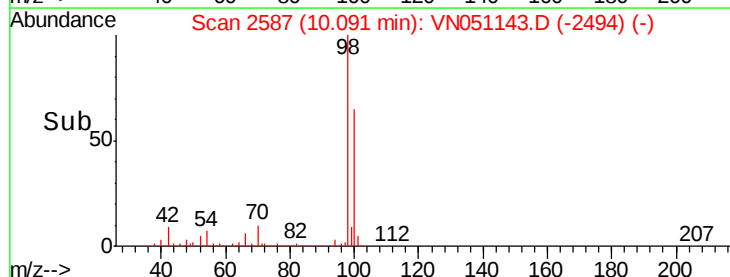
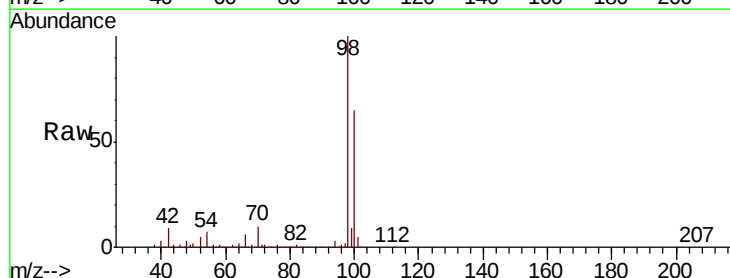
Acq: 12 Sep 2018 11:17

Tgt Ion: 98 Resp: 1325328

Ion Ratio Lower Upper

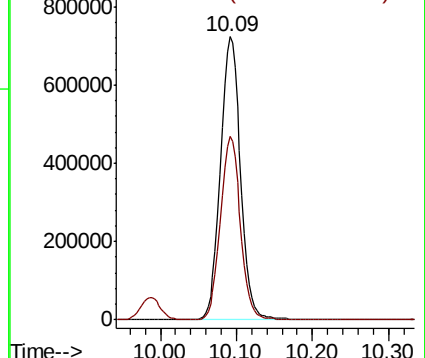
98 100

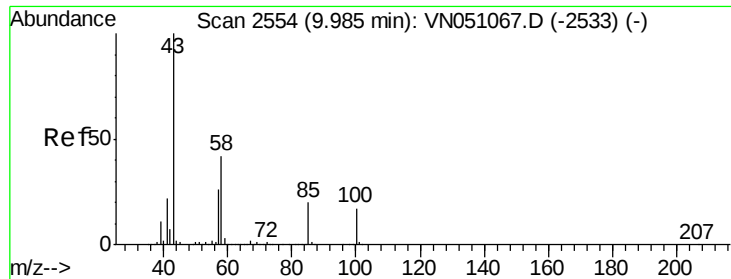
100 64.5 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

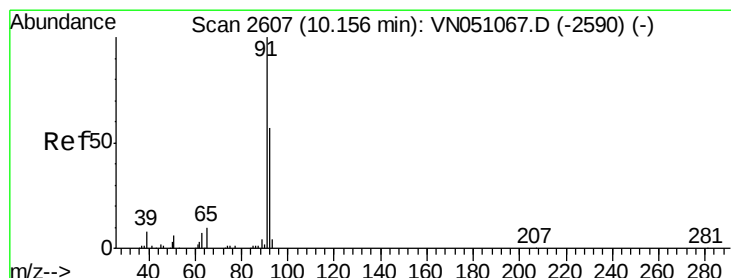
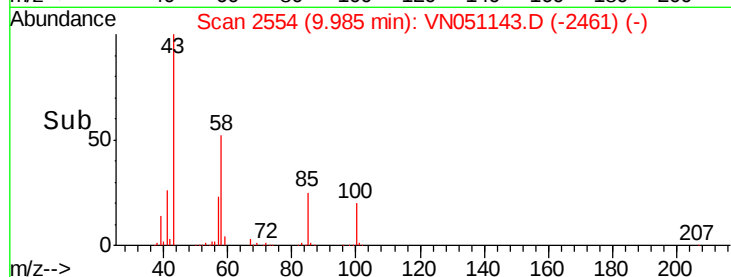
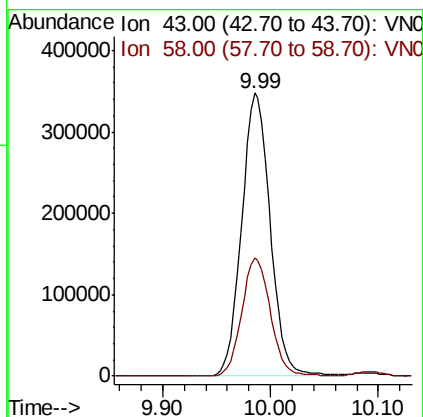
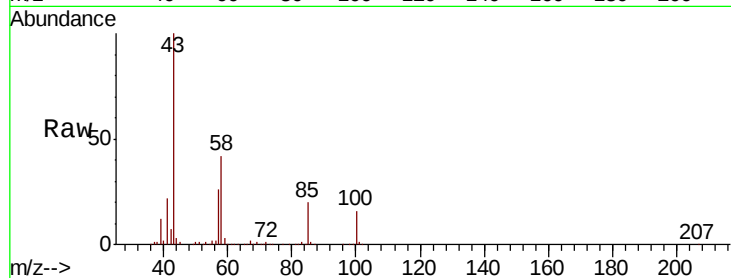




#51
 4-Methyl-2-Pentanone
 Concen: 114.13 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN051143.D
 Acq: 12 Sep 2018 11:17

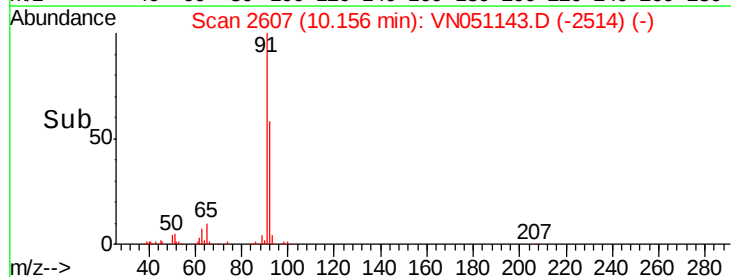
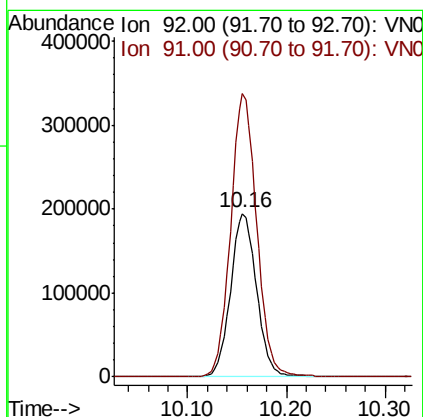
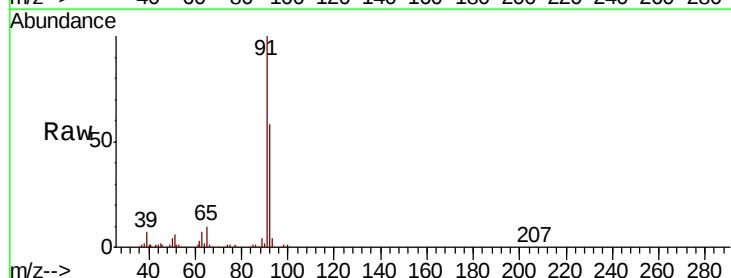
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01

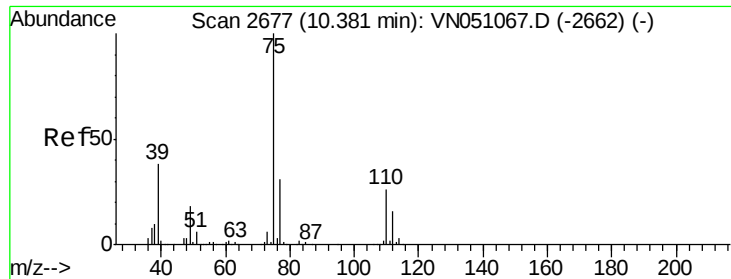
Tot Ion: 43 Resp: 637495
 Ion Ratio Lower Upper
 43 100
 58 41.9 33.5 50.3



#52
 Toluene
 Concen: 19.72 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN051143.D
 Acq: 12 Sep 2018 11:17

Tgt Ion: 92 Resp: 358196
 Ion Ratio Lower Upper
 92 100
 91 173.7 139.5 209.3





#53

t-1,3-Dichloropropene

Concen: 18.93 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

Instrument :

MSVOA_N

ClientSampled :

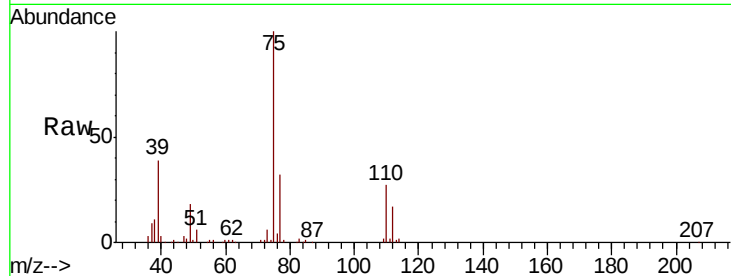
VN0912WBSD01

Tot Ion: 75 Resp: 180872

Ion Ratio Lower Upper

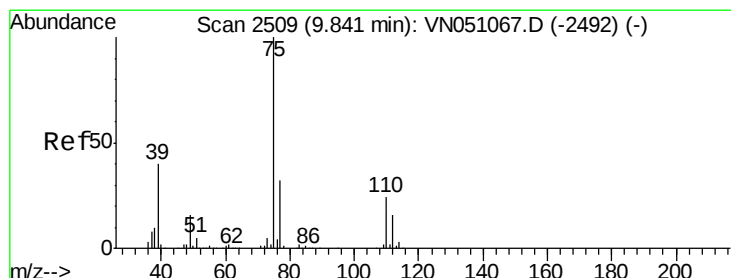
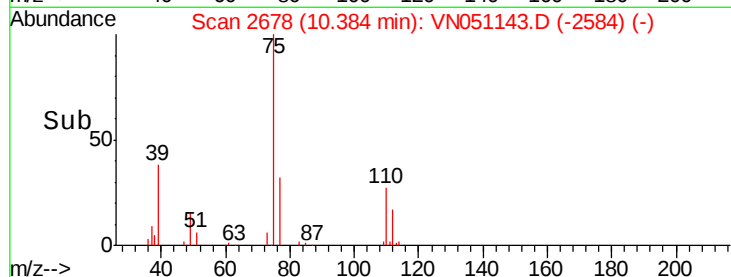
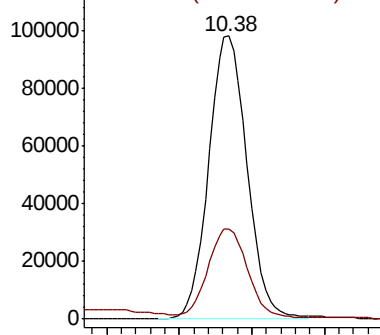
75 100

77 31.2 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.32 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

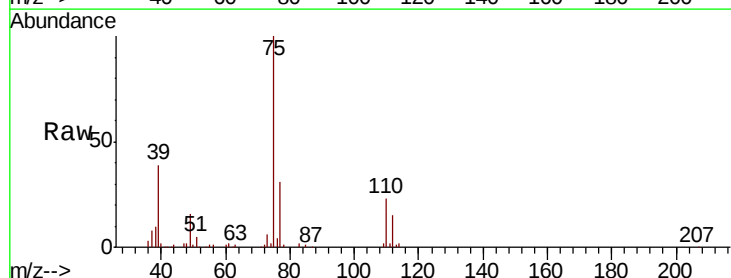
Tgt Ion: 75 Resp: 216439

Ion Ratio Lower Upper

75 100

77 30.7 25.7 38.5

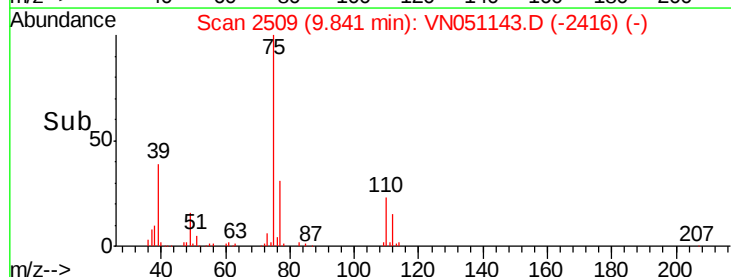
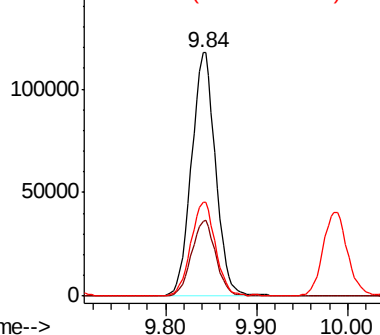
39 38.5 31.9 47.9

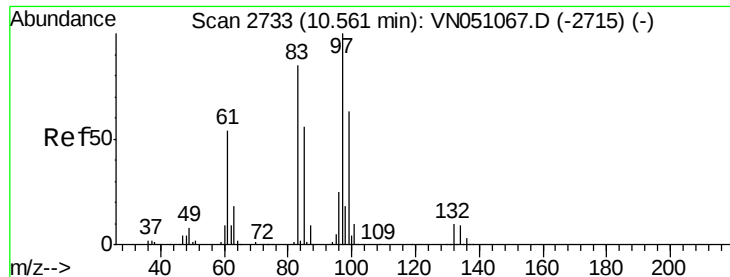


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 20.55 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

Tot Ion: 97 Resp: 135555

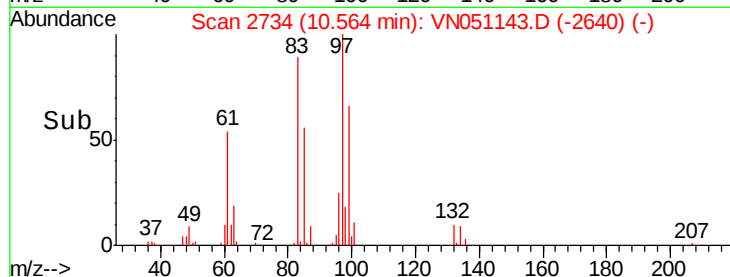
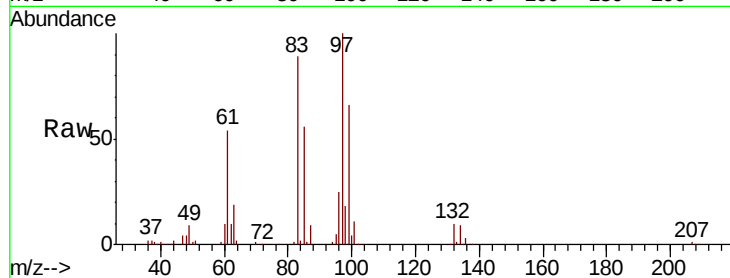
Ion	Ratio	Lower	Upper
97	100		
83	88.8	68.2	102.2
85	56.4	44.8	67.2
99	65.5	50.2	75.4

97 100

83 88.8 68.2 102.2

85 56.4 44.8 67.2

99 65.5 50.2 75.4

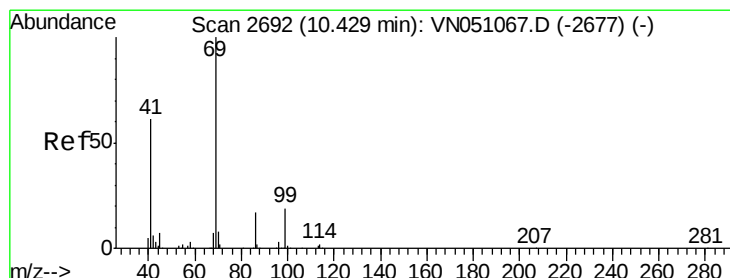
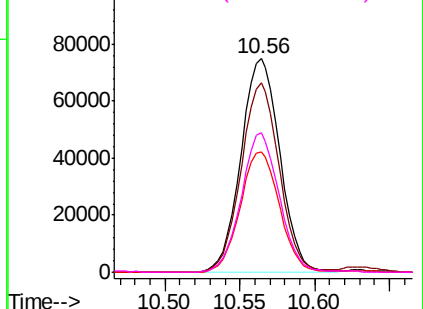


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 20.32 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

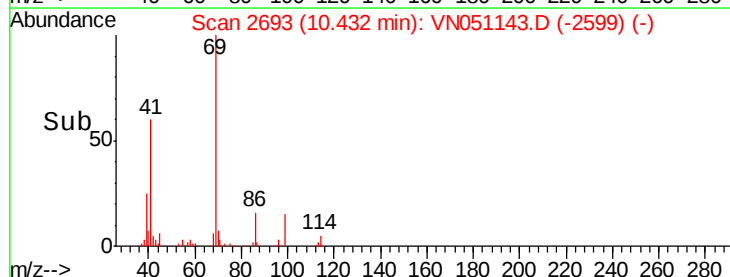
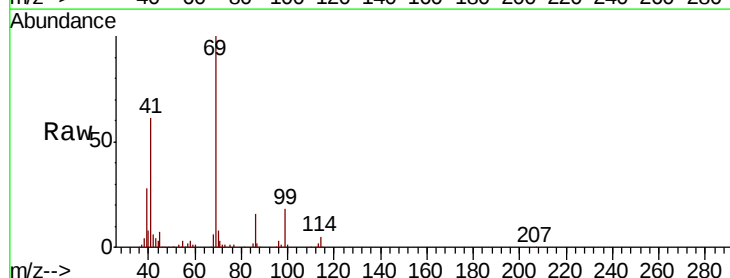
Tgt Ion: 69 Resp: 166319

Ion	Ratio	Lower	Upper
69	100		
41	58.5	47.8	71.8
39	27.8	23.0	34.4

69 100

41 58.5 47.8 71.8

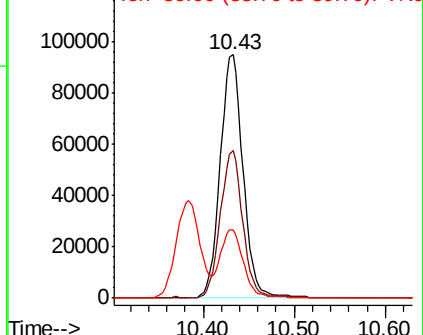
39 27.8 23.0 34.4



Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 20.41 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

Instrument :

MSVOA_N

ClientSampled :

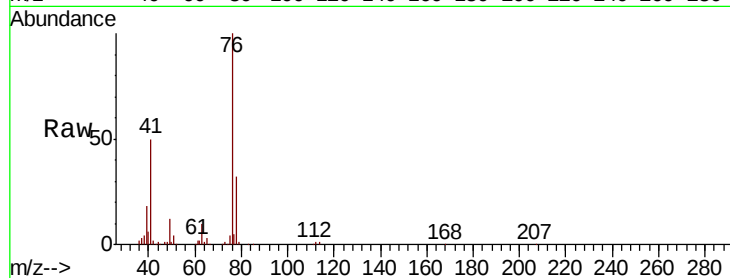
VN0912WBSD01

Tot Ion: 76 Resp: 223246

Ion Ratio Lower Upper

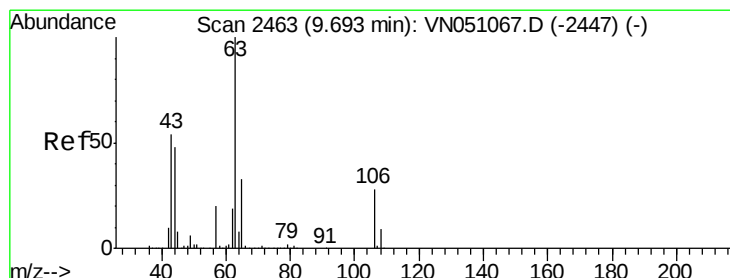
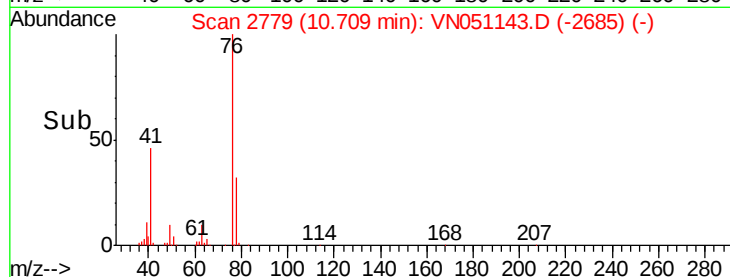
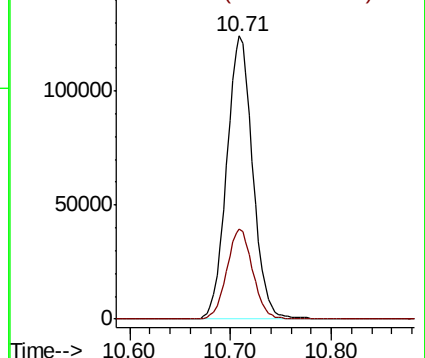
76 100

78 31.9 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 97.43 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN051143.D

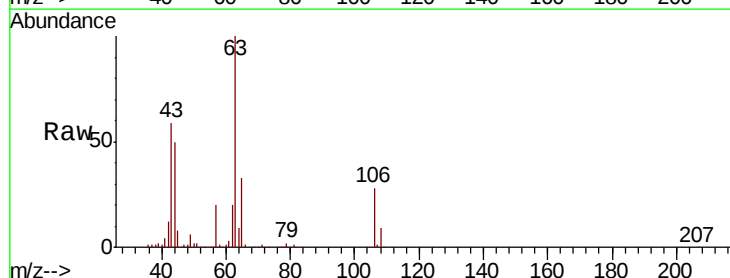
Acq: 12 Sep 2018 11:17

Tgt Ion: 63 Resp: 325796

Ion Ratio Lower Upper

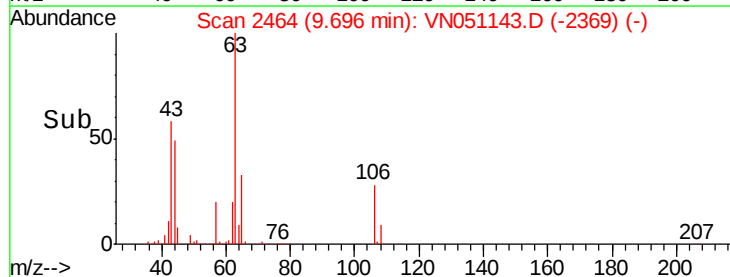
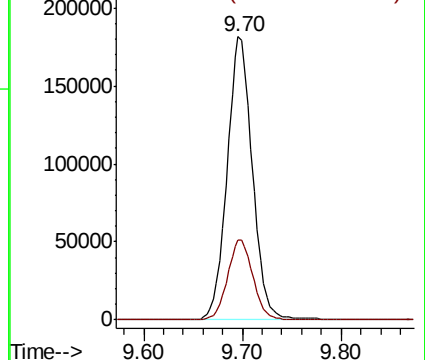
63 100

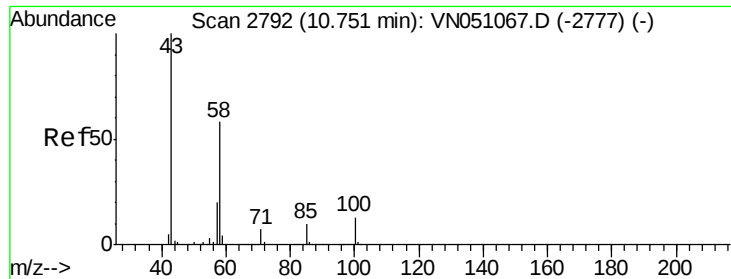
106 28.5 22.5 33.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

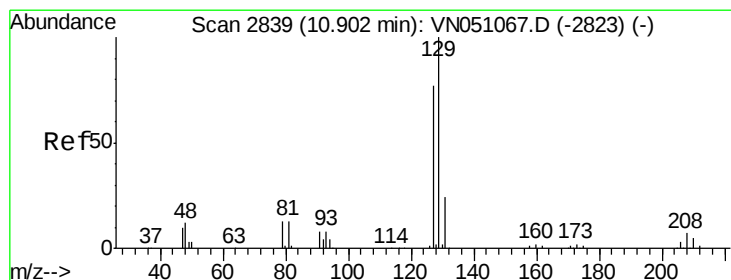
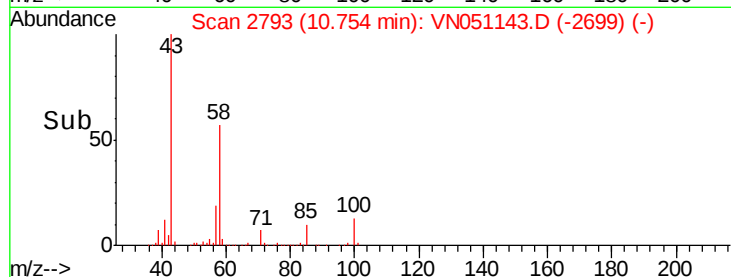
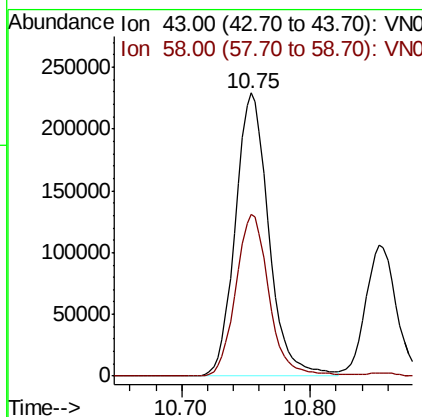
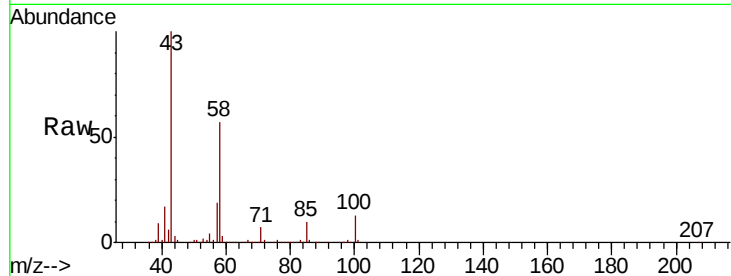




#59
2-Hexanone
Concen: 108.41 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051143.D
Acq: 12 Sep 2018 11:17

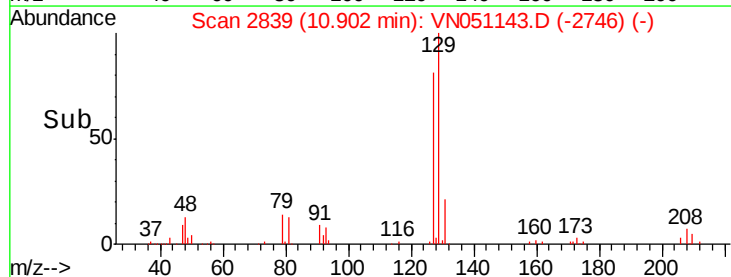
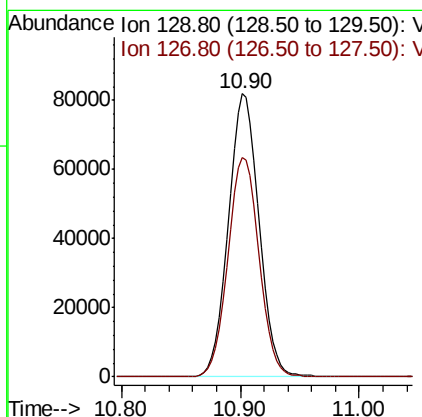
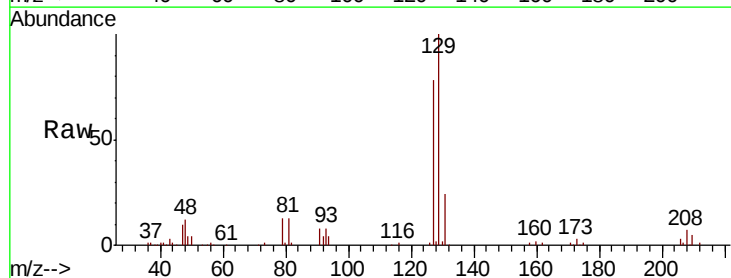
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

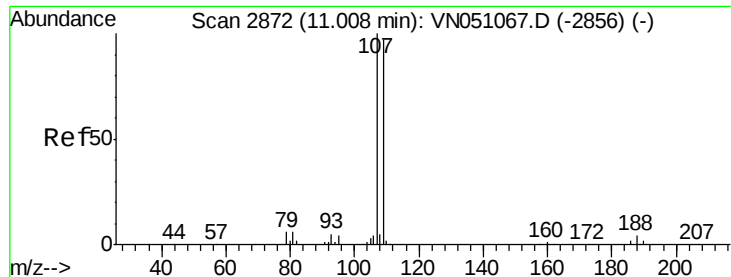
Tot Ion: 43 Resp: 410676
Ion Ratio Lower Upper
43 100
58 57.1 29.3 88.0



#60
Dibromochloromethane
Concen: 19.68 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051143.D
Acq: 12 Sep 2018 11:17

Tgt Ion: 129 Resp: 146335
Ion Ratio Lower Upper
129 100
127 78.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.22 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

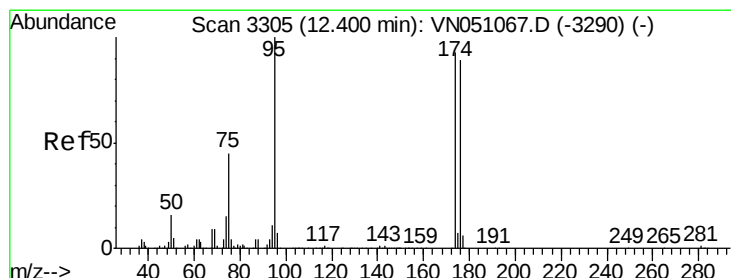
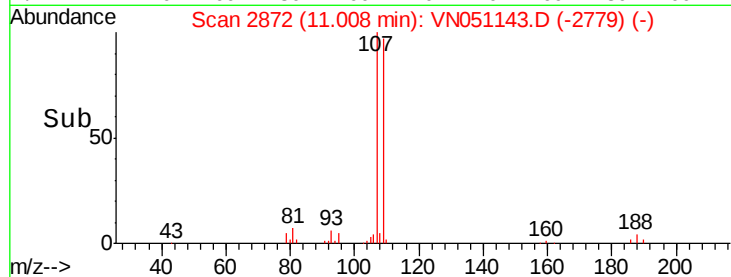
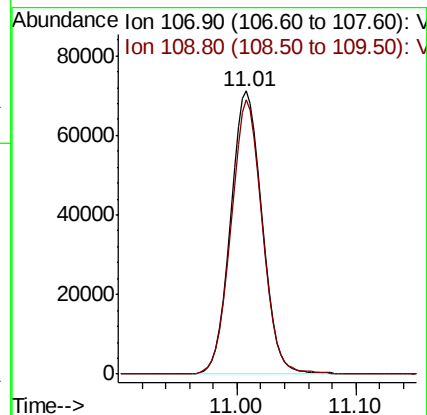
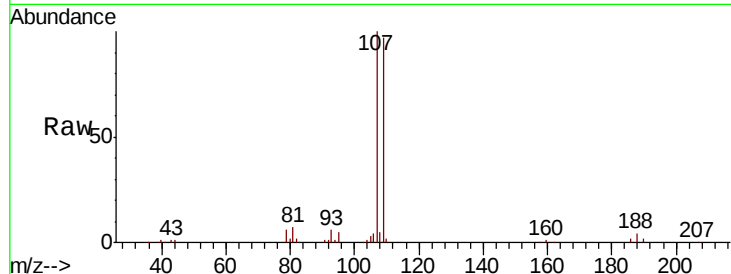
VN0912WBSD01

Tot Ion:107 Resp: 130424

Ion Ratio Lower Upper

107 100

109 96.1 76.0 114.0



#62

4-Bromofluorobenzene

Concen: 49.13 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

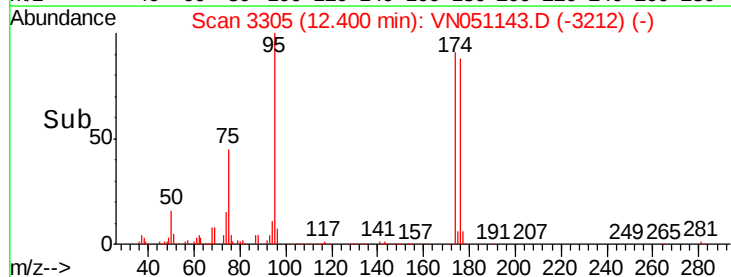
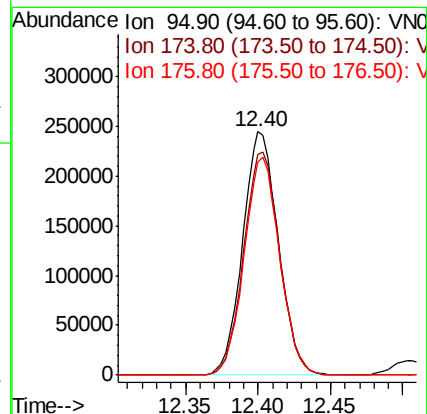
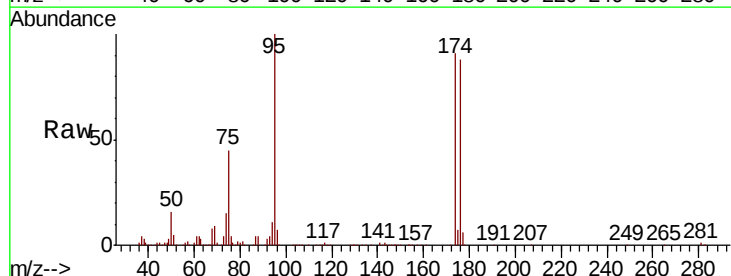
Tgt Ion: 95 Resp: 417227

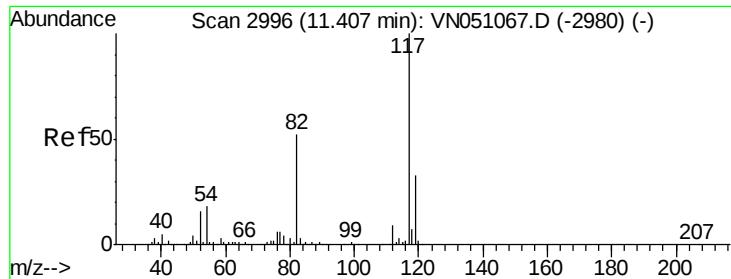
Ion Ratio Lower Upper

95 100

174 92.4 0.0 184.8

176 89.0 0.0 178.6

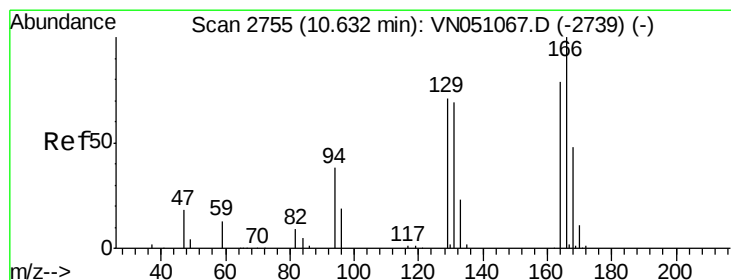
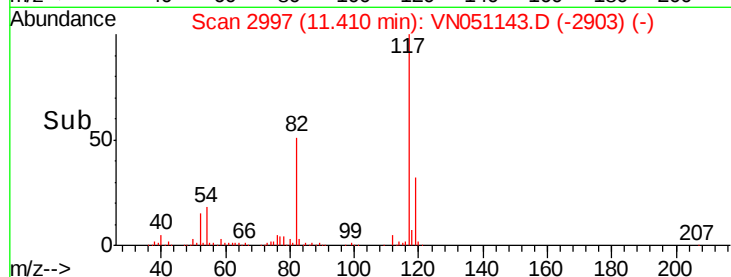
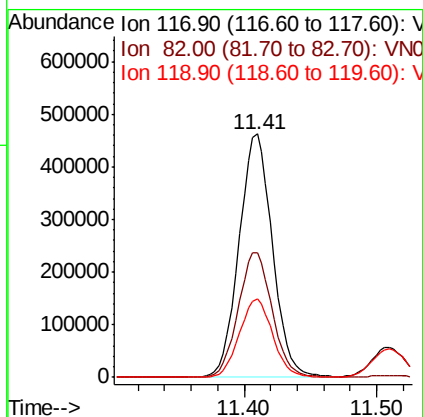
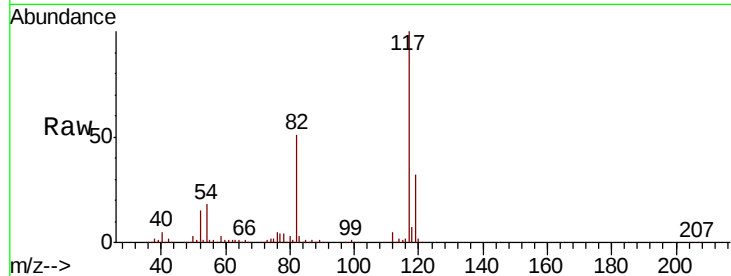




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051143.D
Acq: 12 Sep 2018 11:17

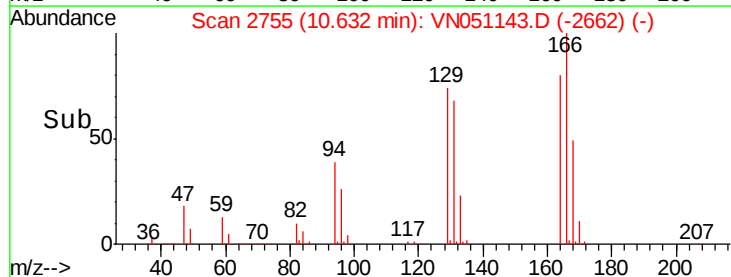
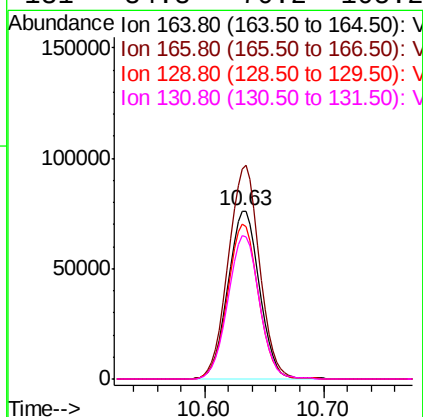
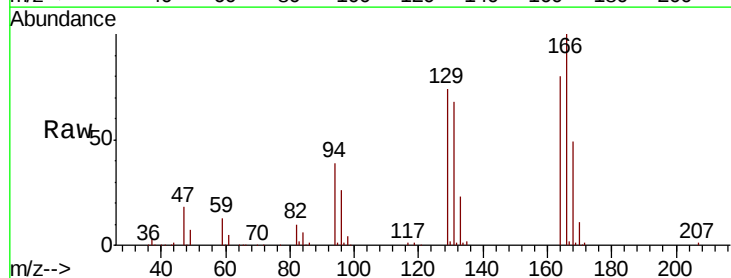
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

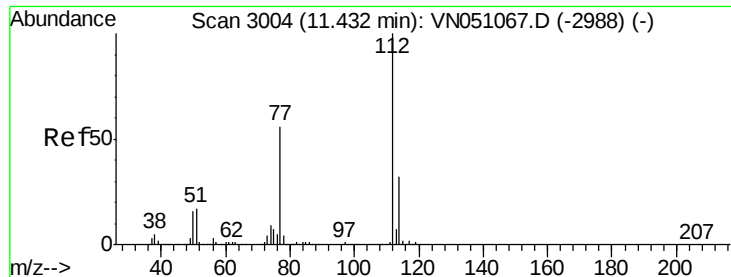
Tot Ion:117 Resp: 808563
Ion Ratio Lower Upper
117 100
82 51.2 41.8 62.6
119 32.0 26.2 39.2



#64
Tetrachloroethene
Concen: 18.97 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051143.D
Acq: 12 Sep 2018 11:17

Tgt Ion:164 Resp: 139945
Ion Ratio Lower Upper
164 100
166 124.5 101.3 151.9
129 92.0 72.2 108.2
131 84.8 70.2 105.2

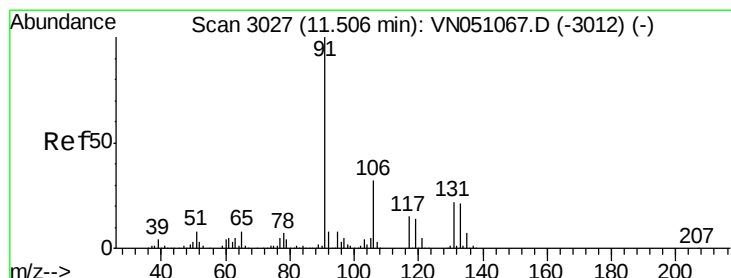
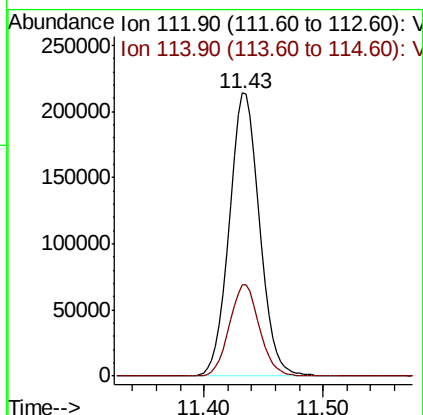
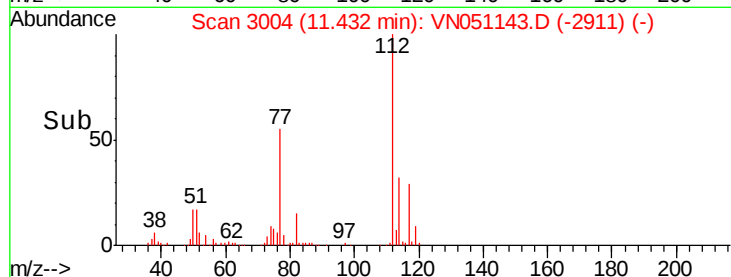
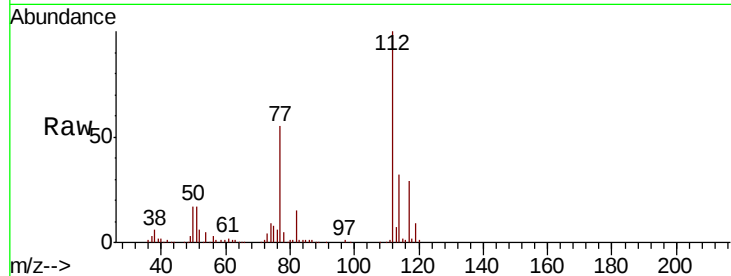




#65
Chlorobenzene
Concen: 18.51 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051143.D
Acq: 12 Sep 2018 11:17

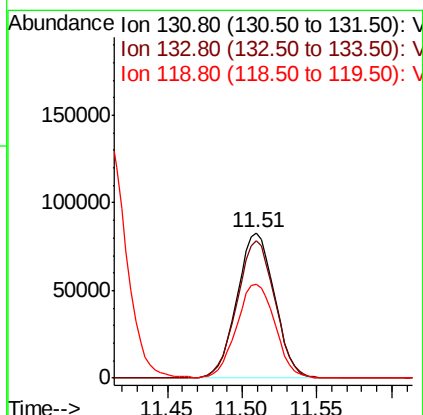
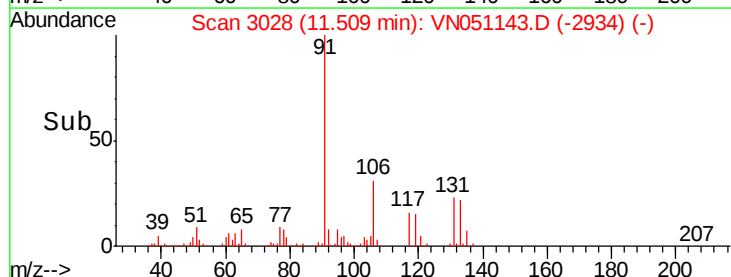
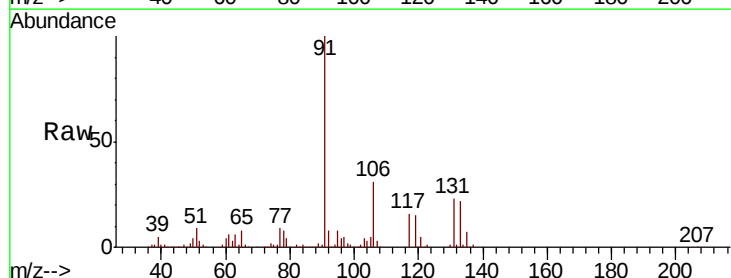
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

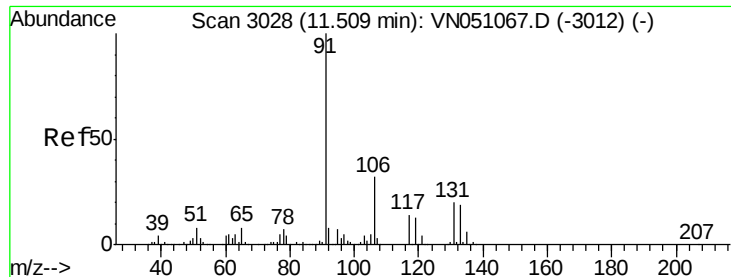
Tot Ion:112 Resp: 377291
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.71 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051143.D
Acq: 12 Sep 2018 11:17

Tgt Ion:131 Resp: 144630
Ion Ratio Lower Upper
131 100
133 95.9 47.5 142.6
119 66.3 33.2 99.6

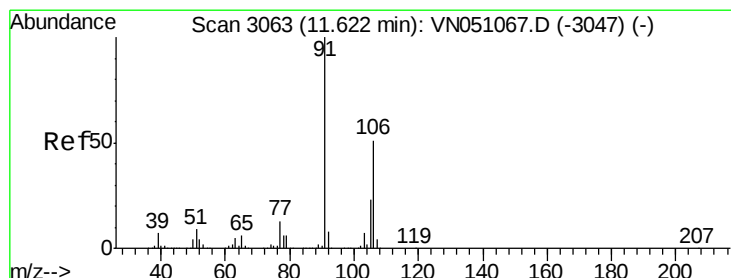
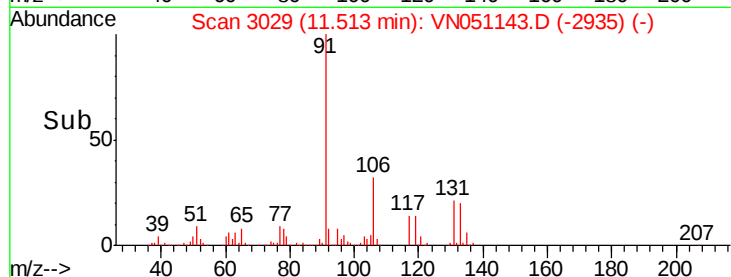
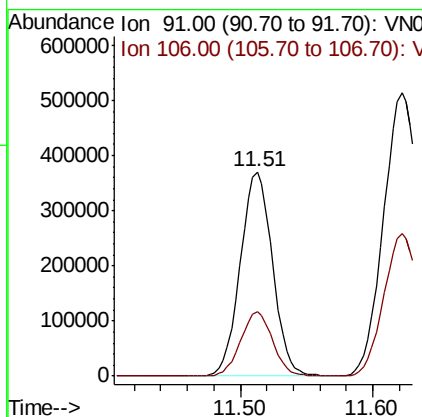
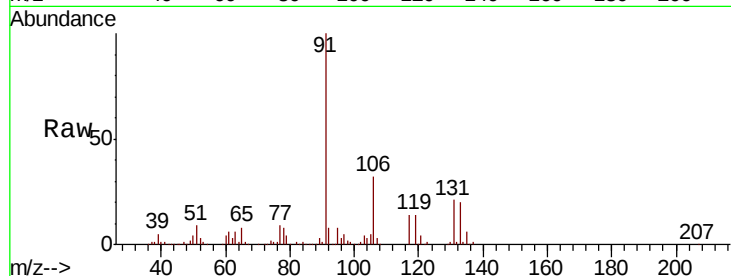




#67
Ethyl Benzene
Concen: 18.97 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051143.D
Acq: 12 Sep 2018 11:17

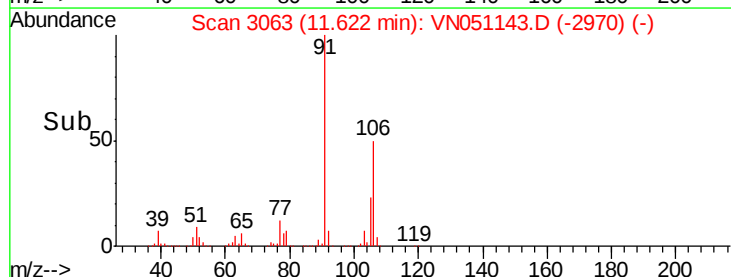
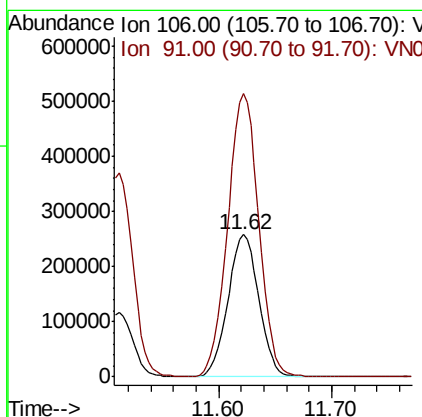
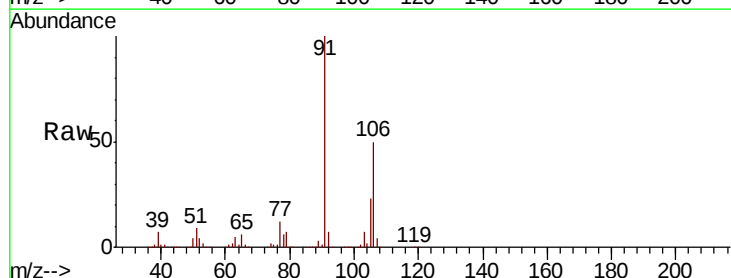
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

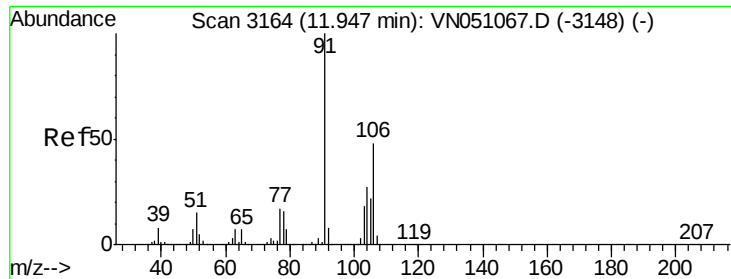
Tot Ion: 91 Resp: 626134
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2



#68
m/p-Xylenes
Concen: 38.76 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051143.D
Acq: 12 Sep 2018 11:17

Tgt Ion: 106 Resp: 491550
Ion Ratio Lower Upper
106 100
91 199.3 159.8 239.6

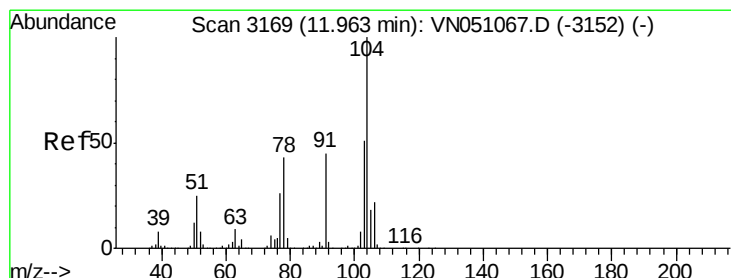
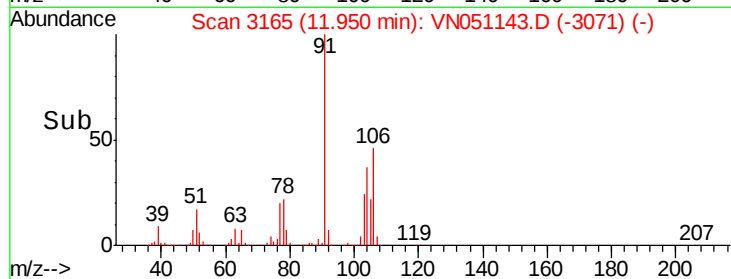
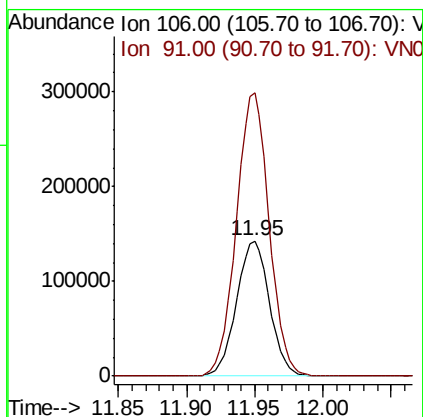
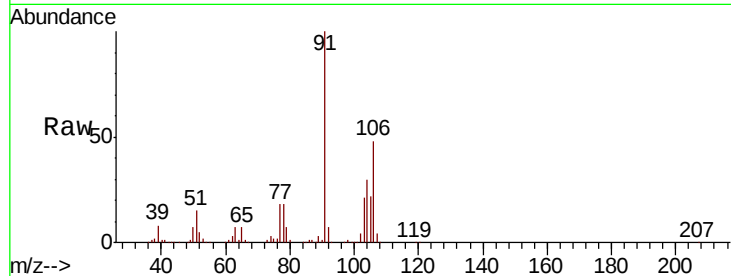




#69
o-Xylene
Concen: 19.49 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN051143.D
Acq: 12 Sep 2018 11:17

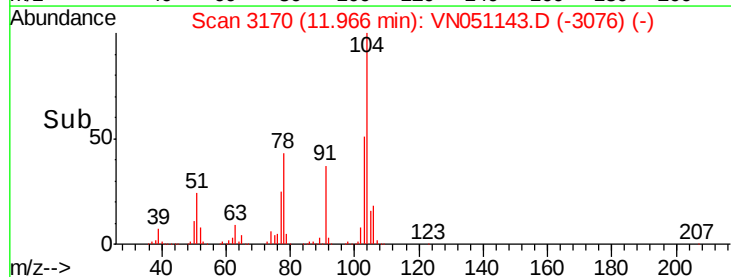
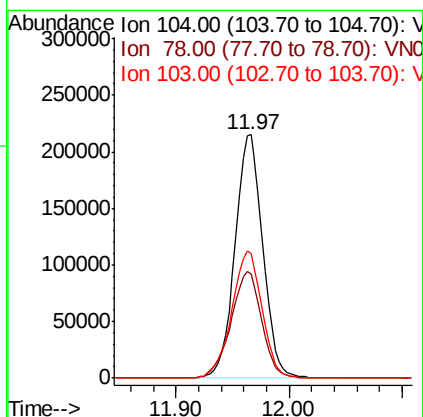
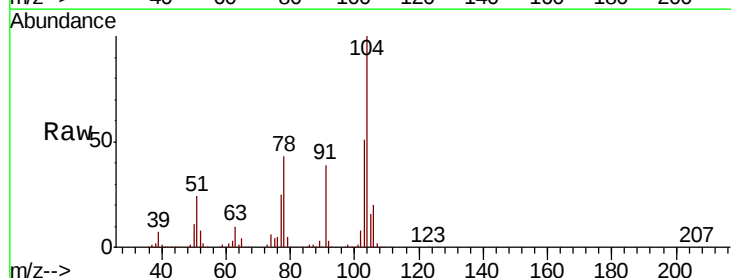
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

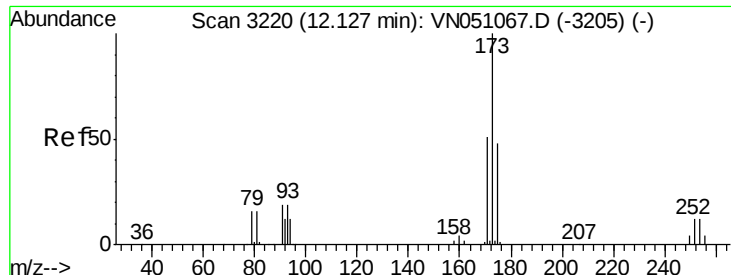
Tot Ion:106 Resp: 239305
Ion Ratio Lower Upper
106 100
91 207.9 105.1 315.1



#70
Styrene
Concen: 19.31 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN051143.D
Acq: 12 Sep 2018 11:17

Tgt Ion:104 Resp: 367907
Ion Ratio Lower Upper
104 100
78 48.3 37.7 56.5
103 56.8 44.6 67.0





#71

Bromoform

Concen: 20.09 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

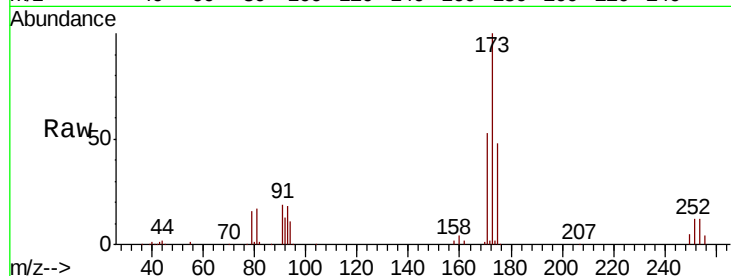
Tot Ion:173 Resp: 103810

Ion Ratio Lower Upper

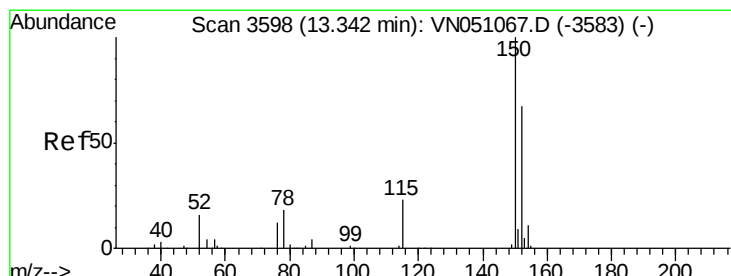
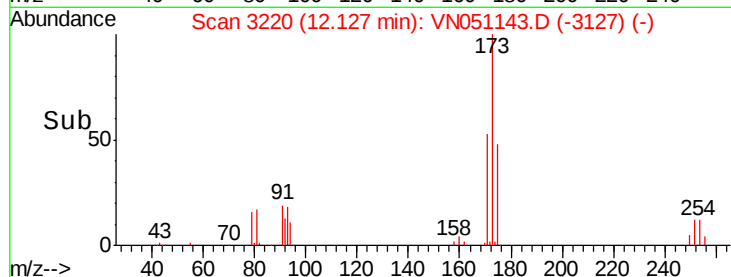
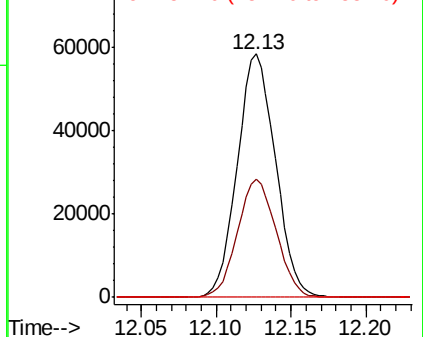
173 100

175 49.2 24.3 72.9

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

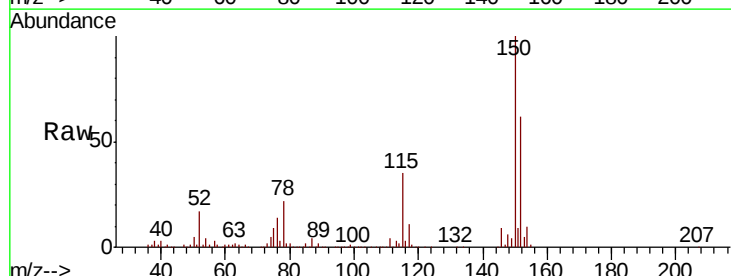
Tgt Ion:152 Resp: 368190

Ion Ratio Lower Upper

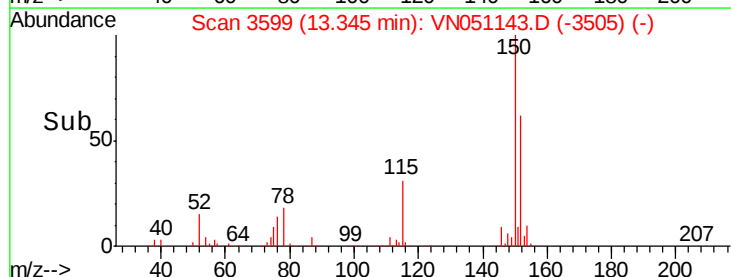
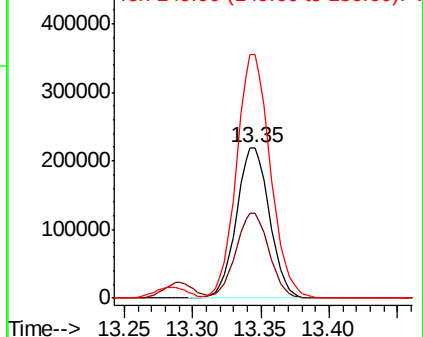
152 100

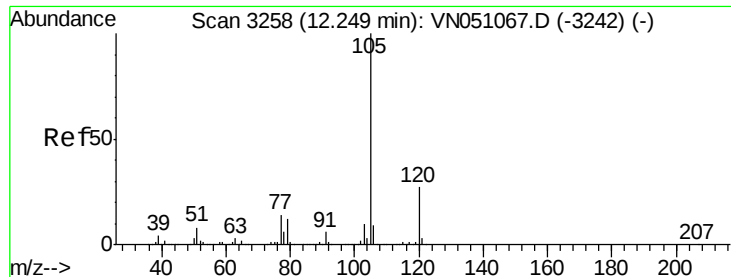
115 56.5 28.2 84.7

150 165.9 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.16 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

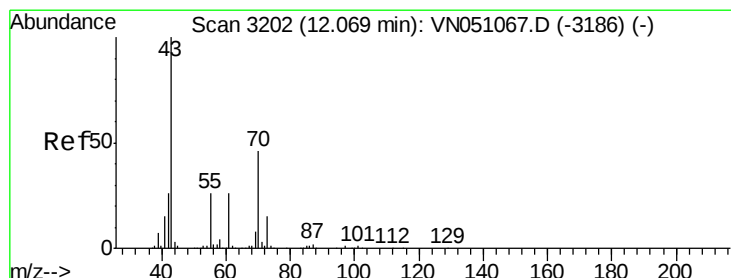
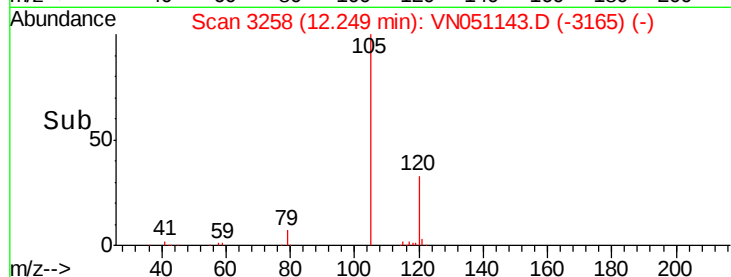
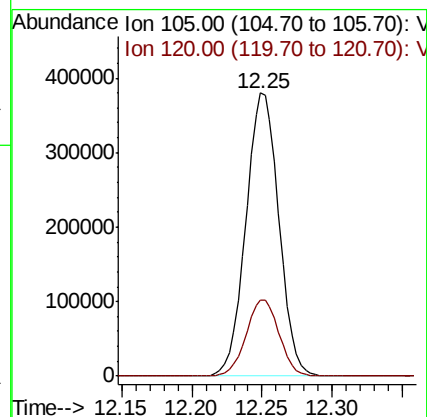
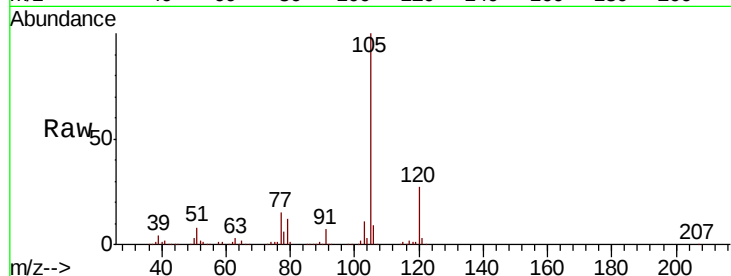
VN0912WBSD01

Tot Ion:105 Resp: 622427

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7



#74

N-ethyl acetate

Concen: 20.56 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

Tgt Ion: 43 Resp: 159735

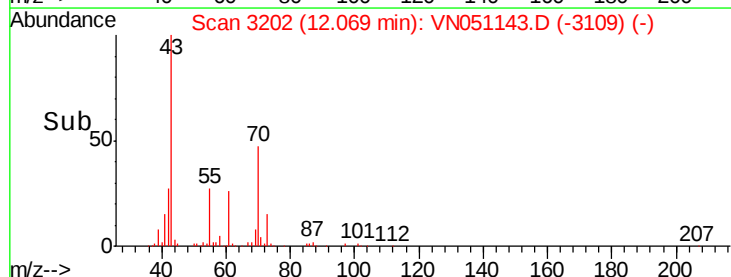
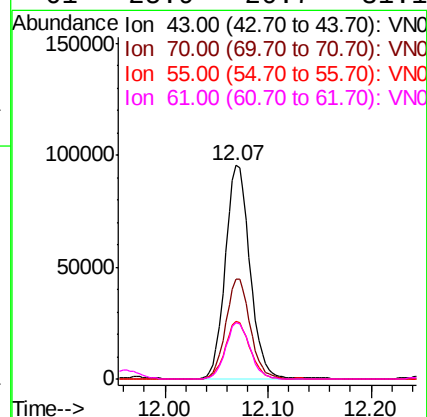
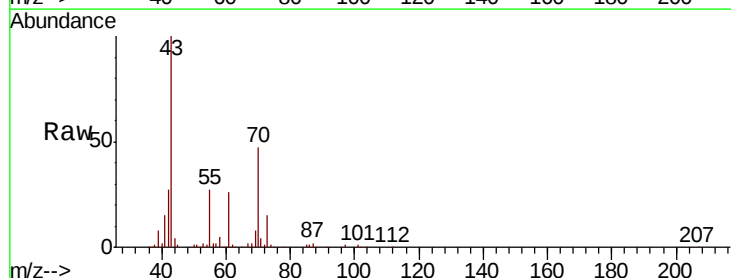
Ion Ratio Lower Upper

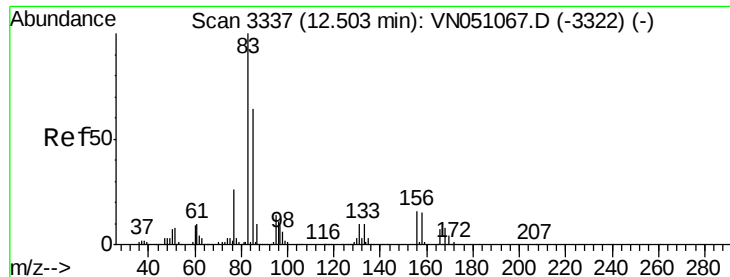
43 100

70 45.9 37.0 55.4

55 26.9 21.3 31.9

61 25.9 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 24.09 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

Instrument :

MSVOA_N

ClientSampled :

VN0912WBSD01

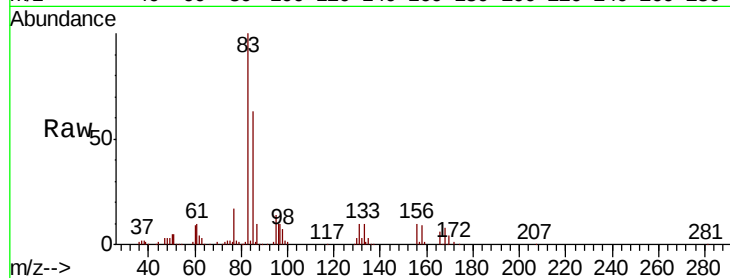
Tot Ion: 83 Resp: 176523

Ion Ratio Lower Upper

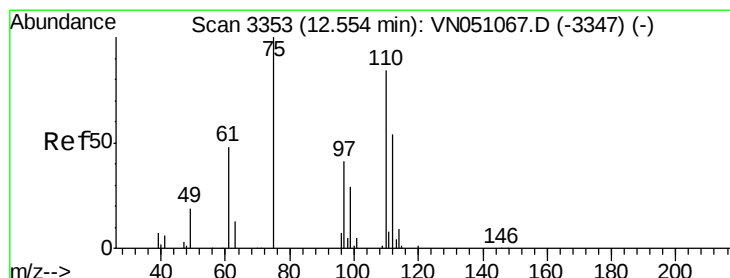
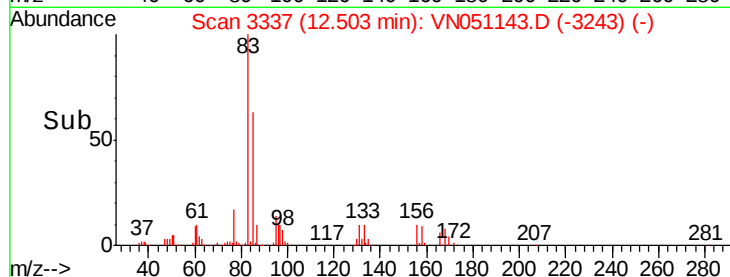
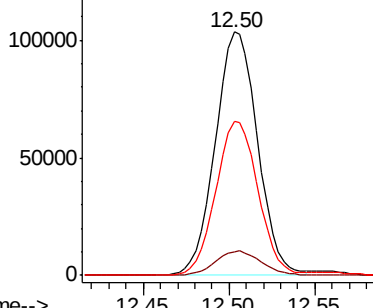
83 100

131 10.8 5.3 16.1

85 63.1 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 34.25 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051143.D

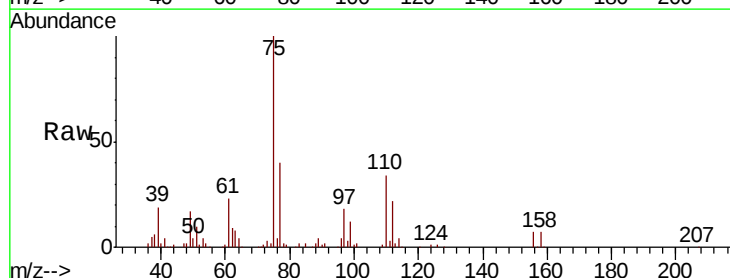
Acq: 12 Sep 2018 11:17

Tgt Ion: 75 Resp: 198177

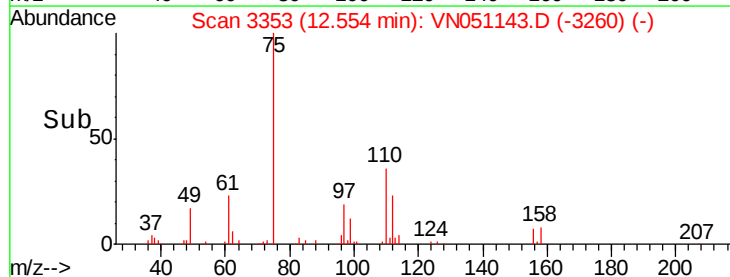
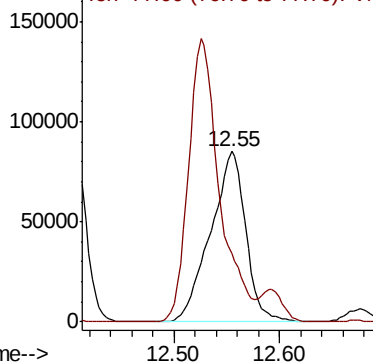
Ion Ratio Lower Upper

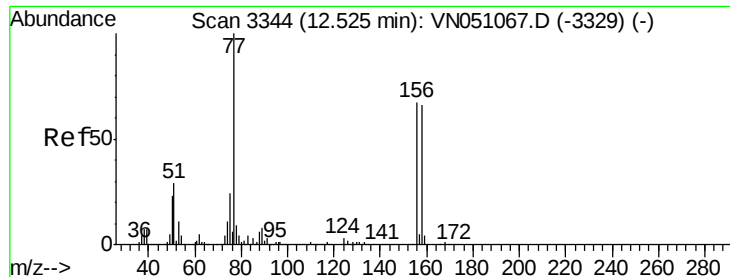
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.19 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

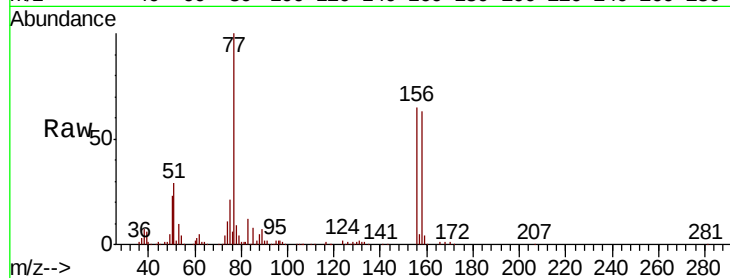
Tot Ion:156 Resp: 159130

Ion Ratio Lower Upper

156 100

77 181.2 87.5 262.6

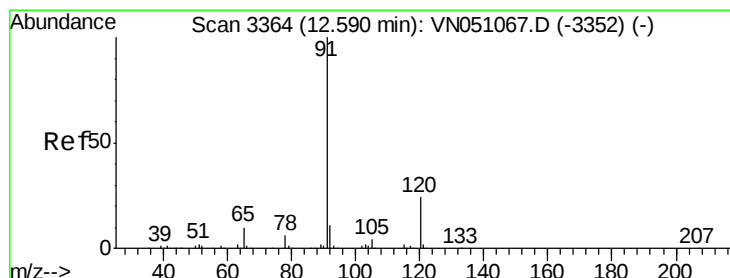
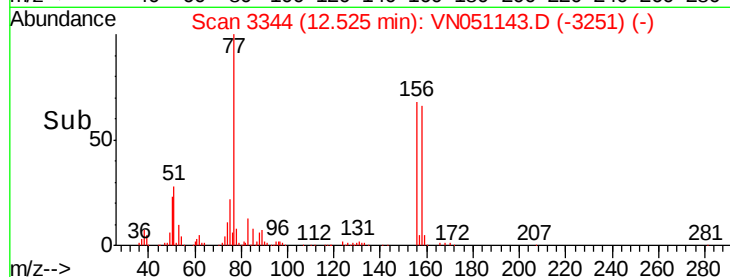
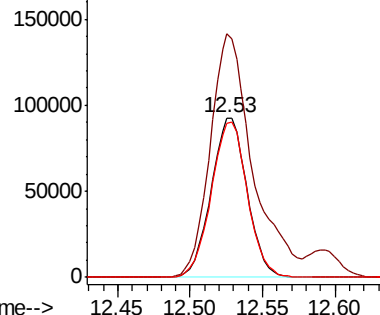
158 98.2 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.64 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051143.D

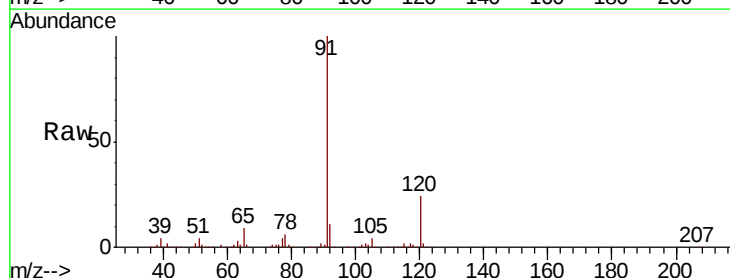
Acq: 12 Sep 2018 11:17

Tgt Ion: 91 Resp: 666734

Ion Ratio Lower Upper

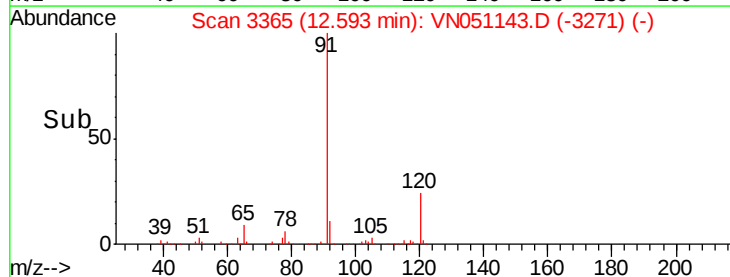
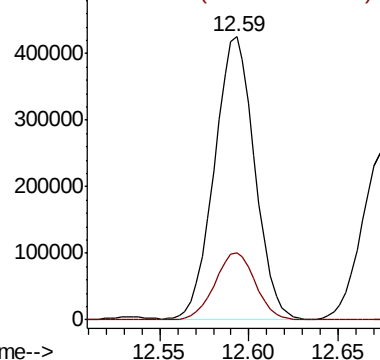
91 100

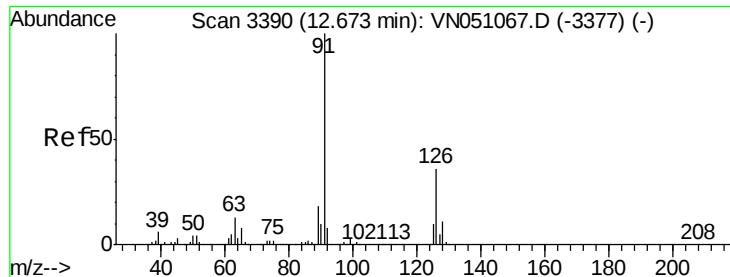
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.66 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

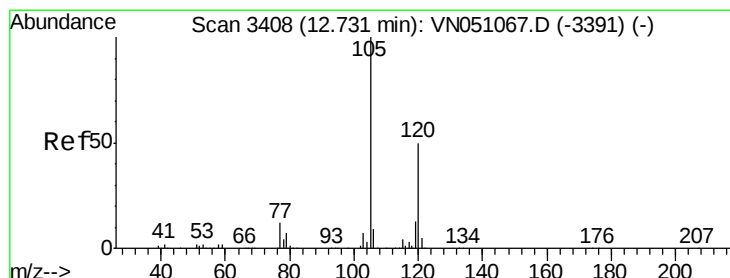
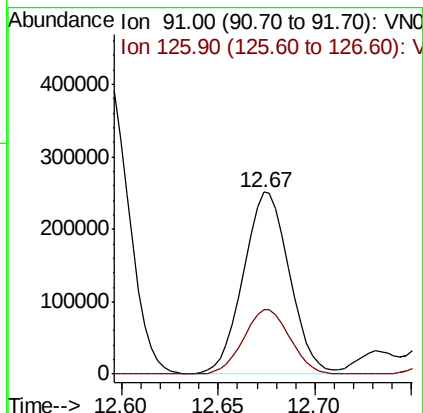
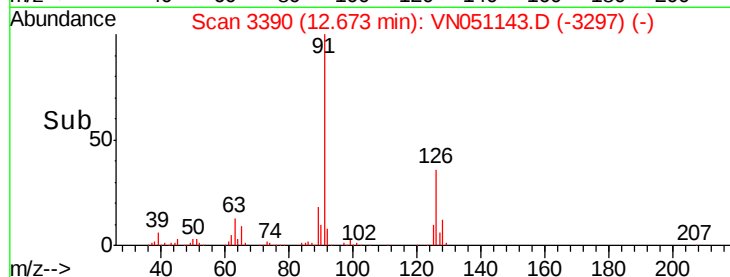
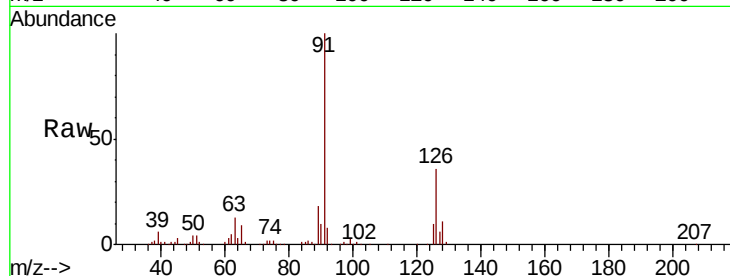
VN0912WBSD01

Tot Ion: 91 Resp: 416974

Ion Ratio Lower Upper

91 100

126 35.9 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 20.05 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051143.D

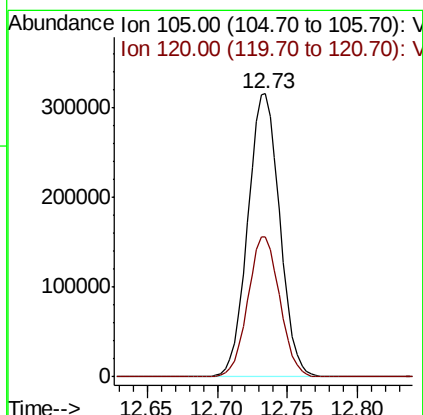
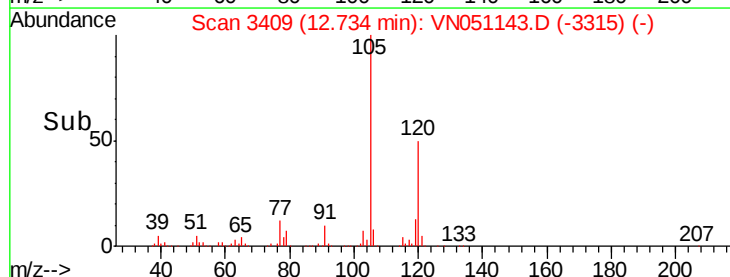
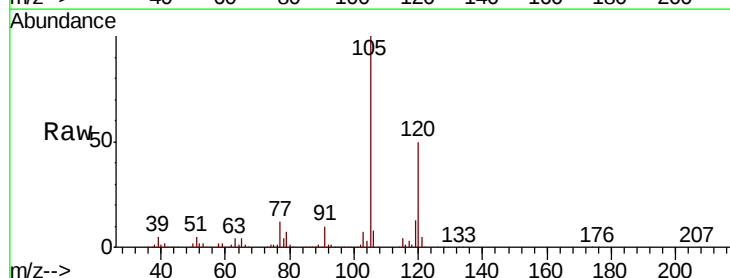
Acq: 12 Sep 2018 11:17

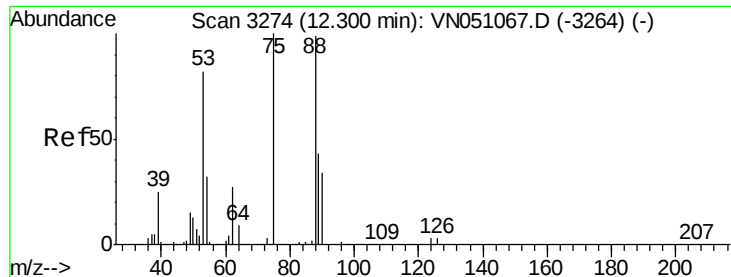
Tgt Ion:105 Resp: 500653

Ion Ratio Lower Upper

105 100

120 49.6 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.18 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

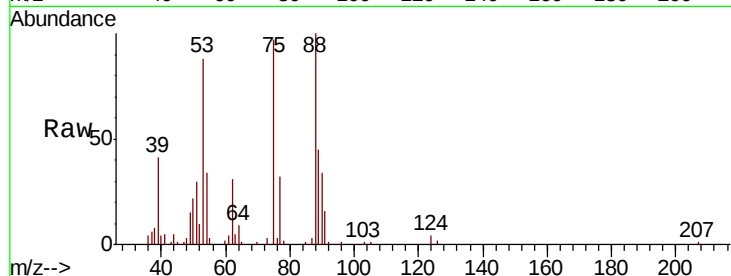
Tot Ion: 75 Resp: 37192

Ion Ratio Lower Upper

75 100

53 90.1 67.8 101.8

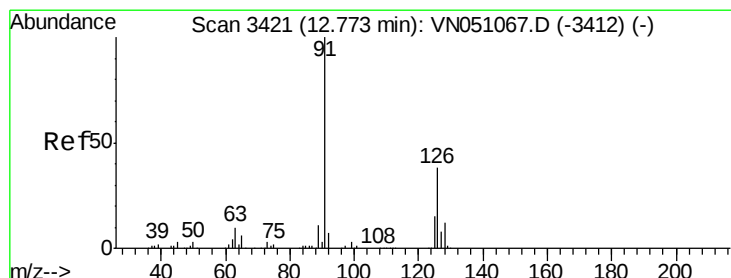
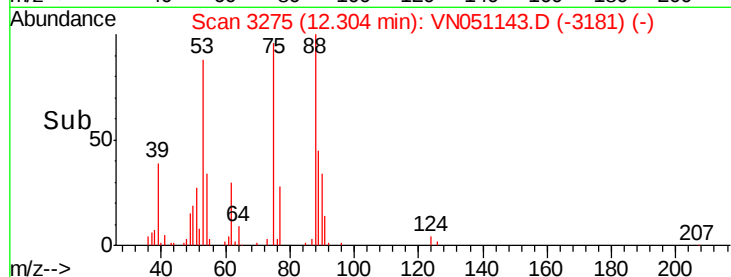
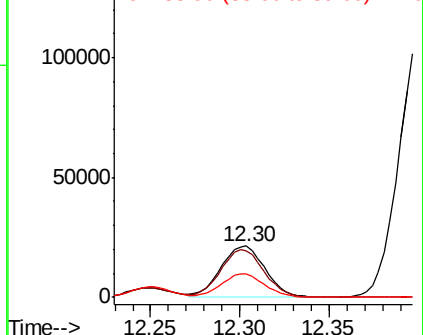
89 44.9 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.12 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN051143.D

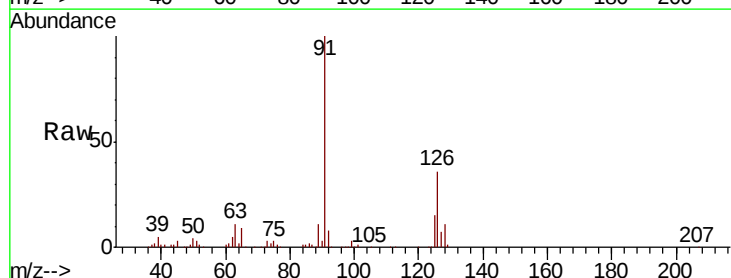
Acq: 12 Sep 2018 11:17

Tgt Ion: 91 Resp: 402624

Ion Ratio Lower Upper

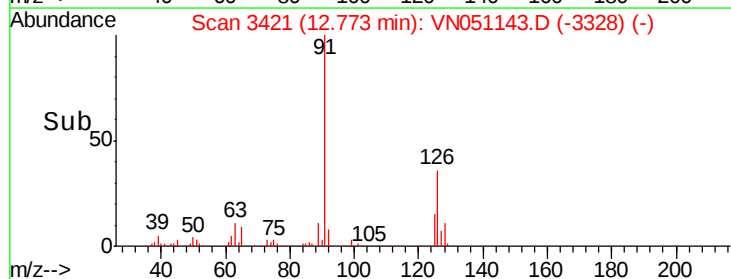
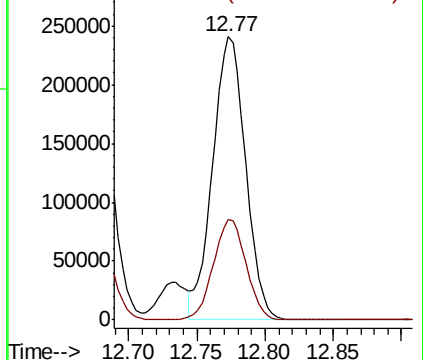
91 100

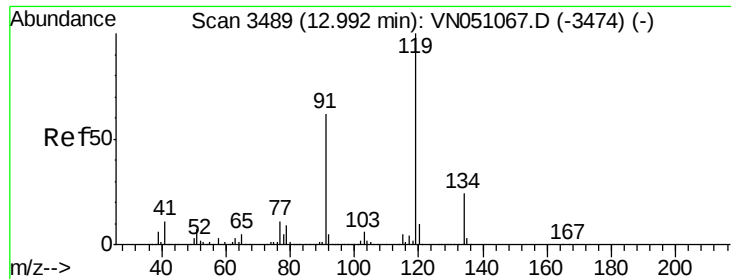
126 35.3 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

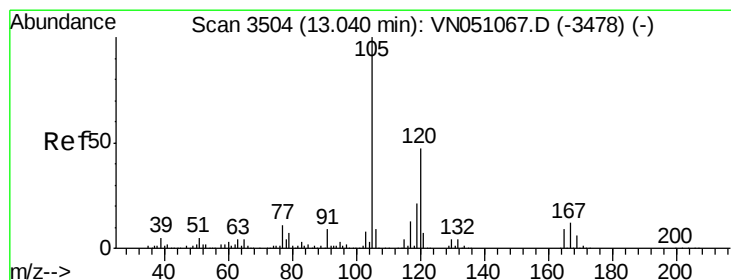
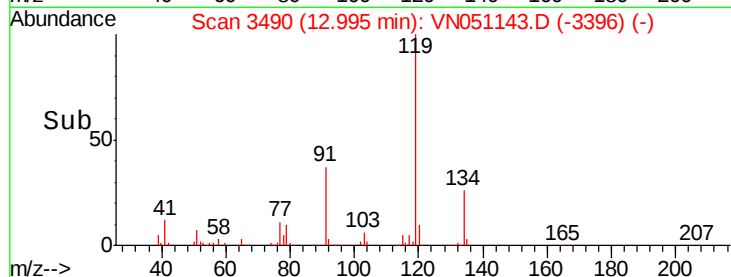
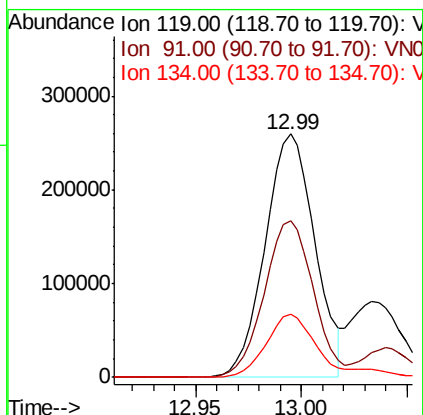
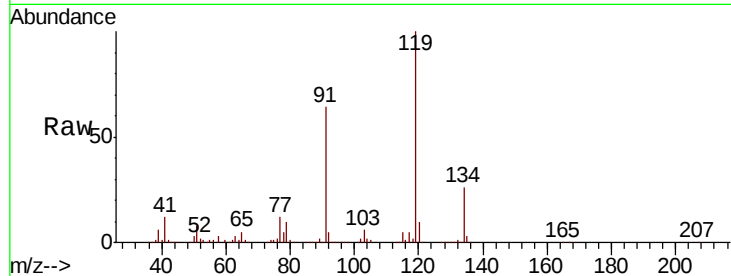




#83
 tert-Butylbenzene
 Concen: 19.34 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN051143.D
 Acq: 12 Sep 2018 11:17

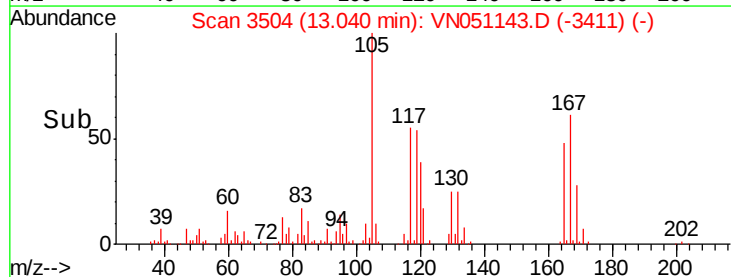
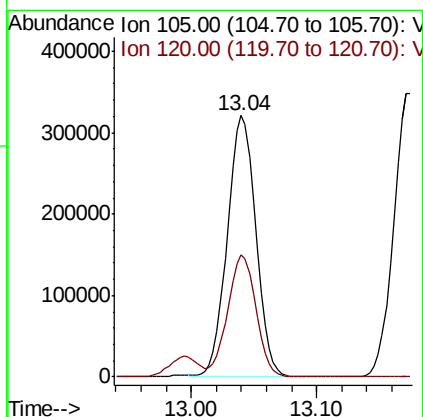
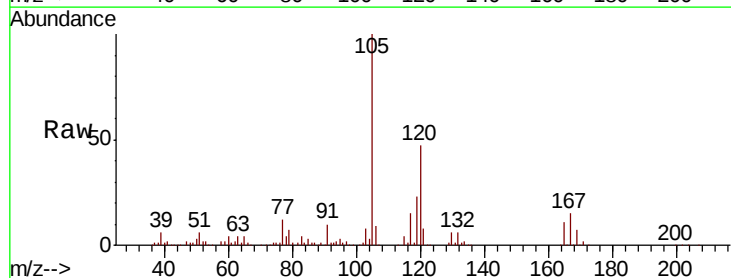
Instrument :
 MSVOA_N
 ClientSampled :
 VN0912WBSD01

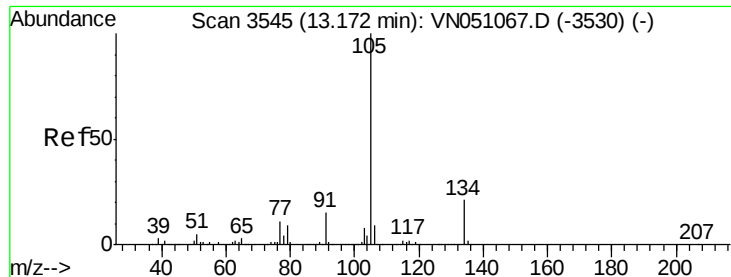
Tot Ion:119 Resp: 426192
 Ion Ratio Lower Upper
 119 100
 91 63.4 30.8 92.3
 134 25.5 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.66 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051143.D
 Acq: 12 Sep 2018 11:17

Tgt Ion:105 Resp: 507058
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.3 69.8





#85

sec-Butylbenzene

Concen: 19.58 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

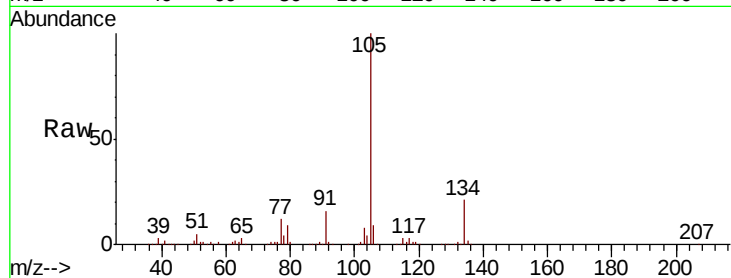
VN0912WBSD01

Tot Ion:105 Resp: 553283

Ion Ratio Lower Upper

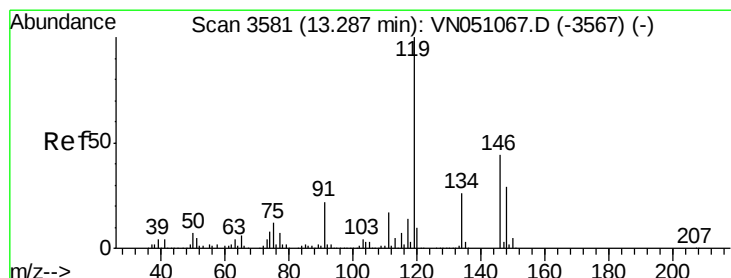
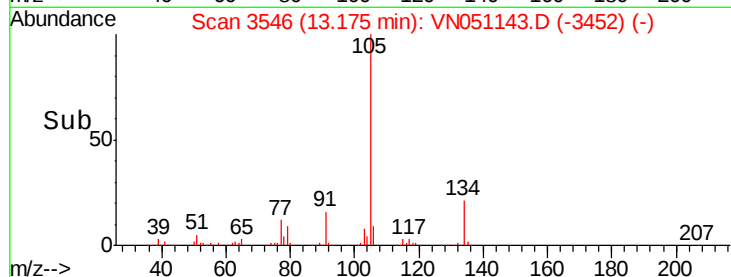
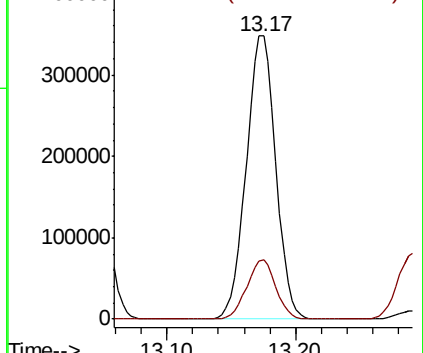
105 100

134 20.6 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.49 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

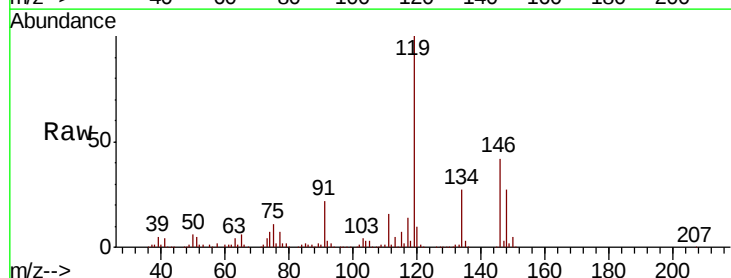
Tgt Ion:119 Resp: 467160

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

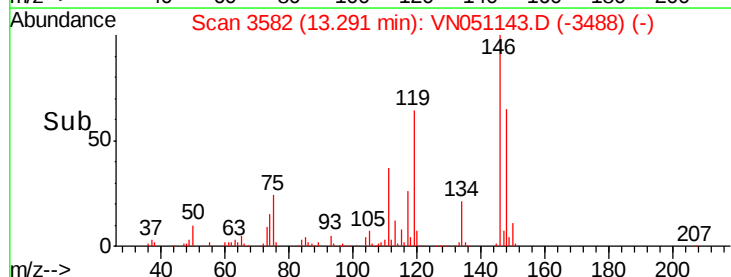
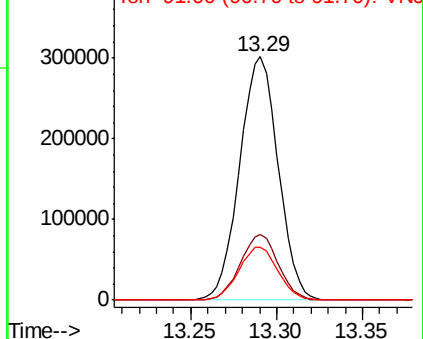
91 22.0 10.9 32.9

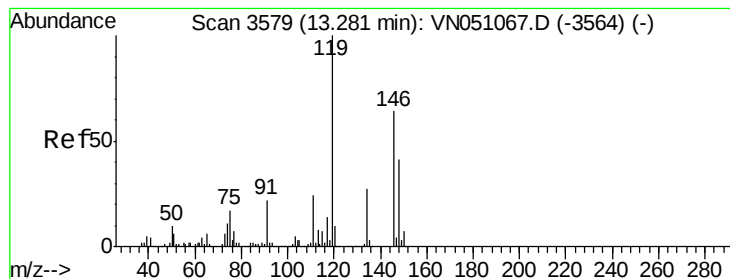


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.26 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

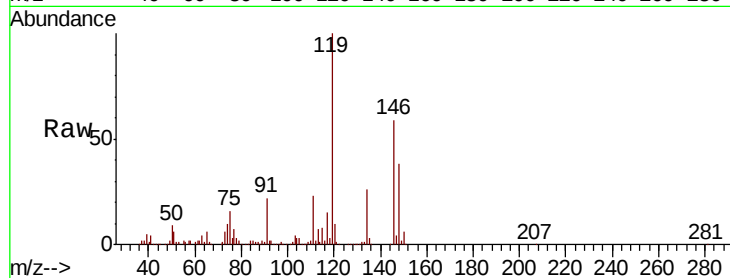
Tot Ion:146 Resp: 256936

Ion Ratio Lower Upper

146 100

111 37.6 19.1 57.1

148 65.0 32.2 96.6

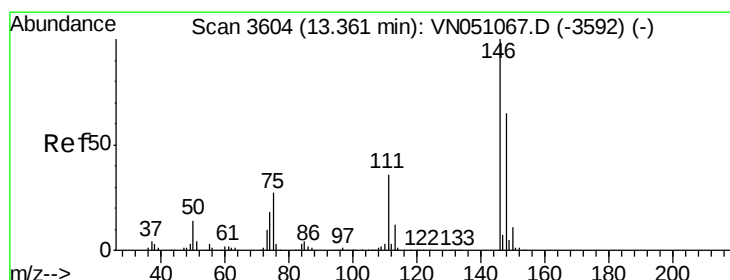
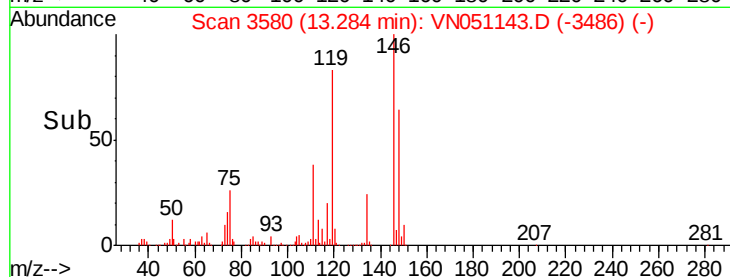
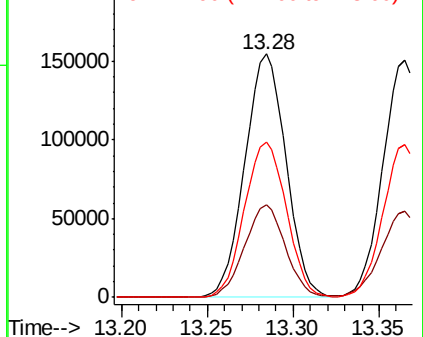


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.40 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

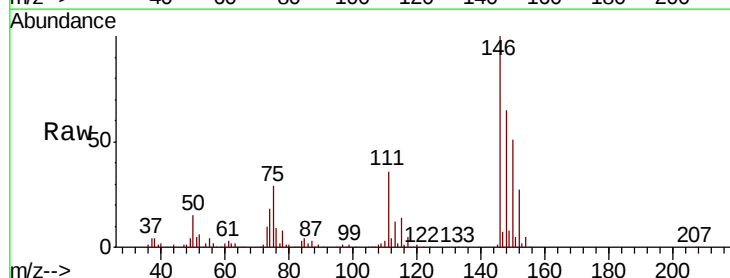
Tgt Ion:146 Resp: 250497

Ion Ratio Lower Upper

146 100

111 37.2 18.4 55.0

148 64.1 32.2 96.6

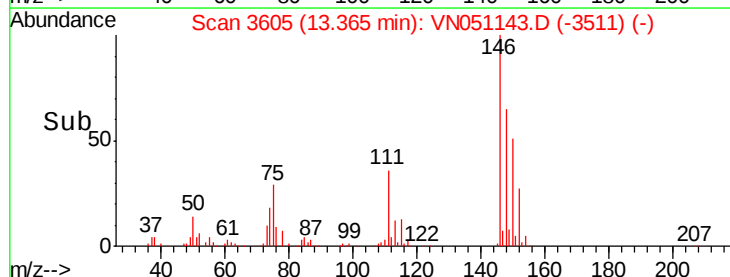
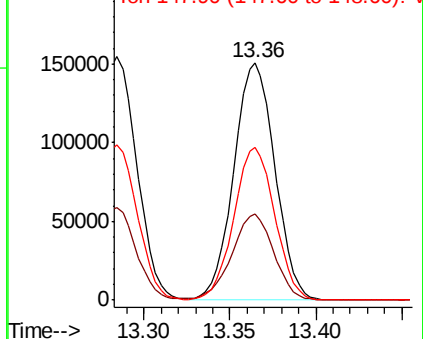


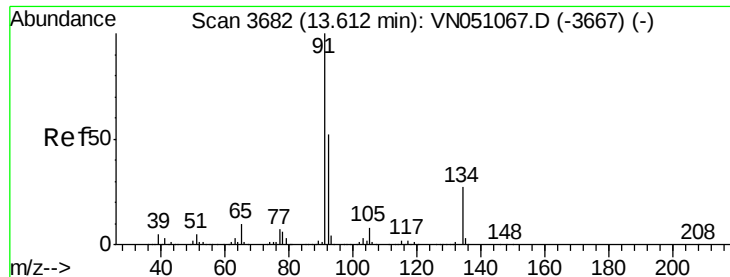
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 17.52 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

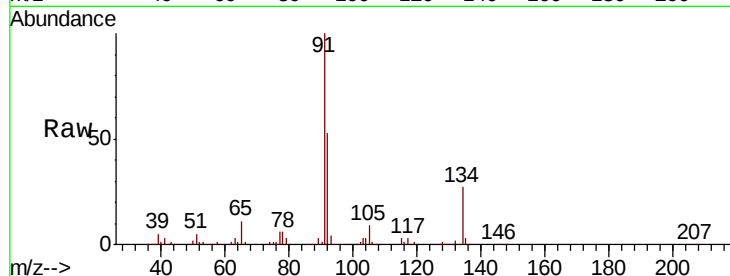
Tot Ion: 91 Resp: 326854

Ion Ratio Lower Upper

91 100

92 52.2 26.2 78.6

134 26.6 13.7 41.1

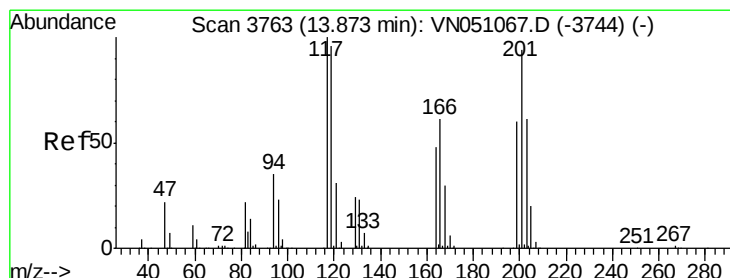
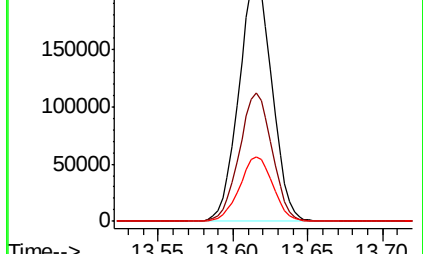
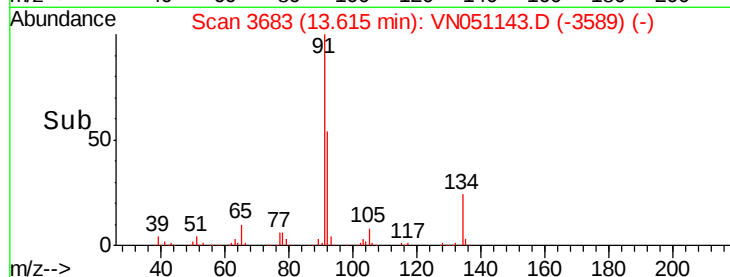


Abundance Ion 91.00 (90.70 to 91.70): VN051067.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN051067.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN051067.D (-3667) (-)

Time-->



#90

Hexachloroethane

Concen: 20.03 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN051143.D

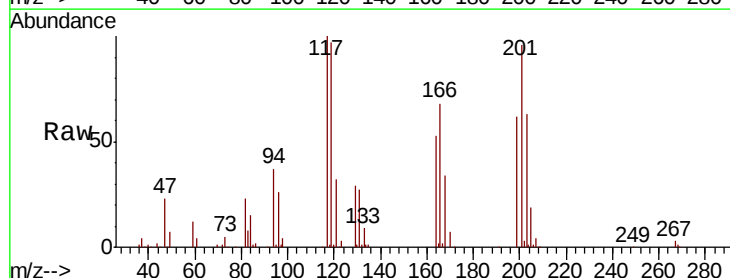
Acq: 12 Sep 2018 11:17

Tgt Ion: 117 Resp: 89019

Ion Ratio Lower Upper

117 100

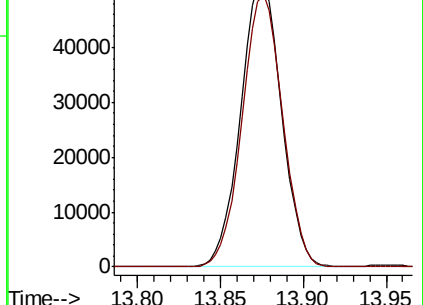
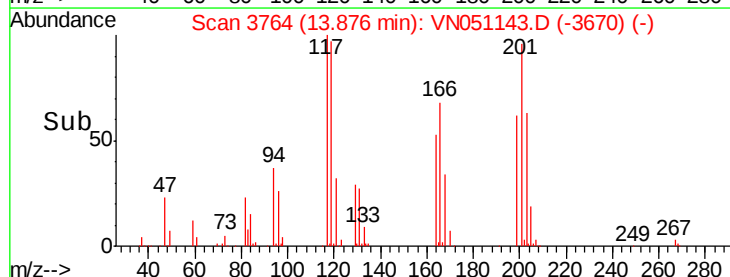
201 94.3 47.3 142.0

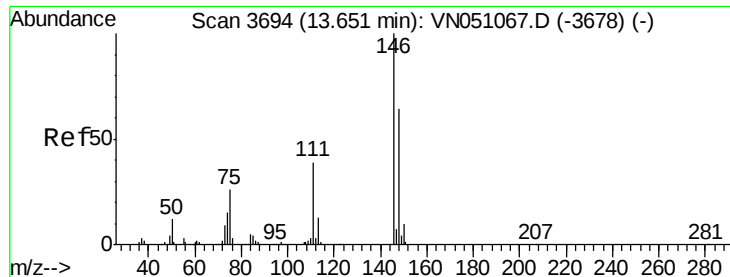


Abundance Ion 116.80 (116.50 to 117.50): VN051067.D (-3744) (-)

Ion 200.70 (200.40 to 201.40): VN051067.D (-3744) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 18.77 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

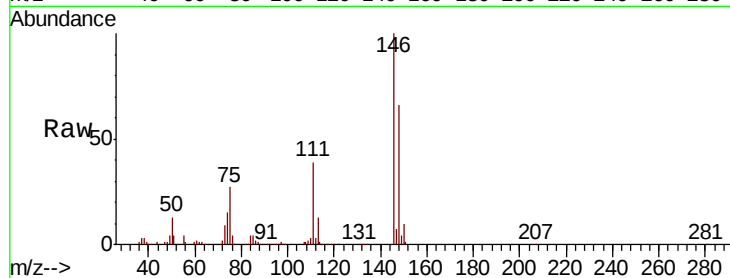
Tot Ion:146 Resp: 257401

Ion Ratio Lower Upper

146 100

111 38.7 19.7 59.0

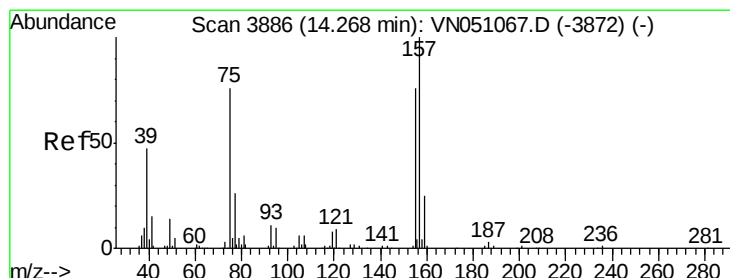
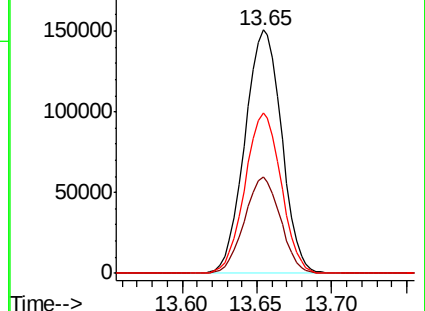
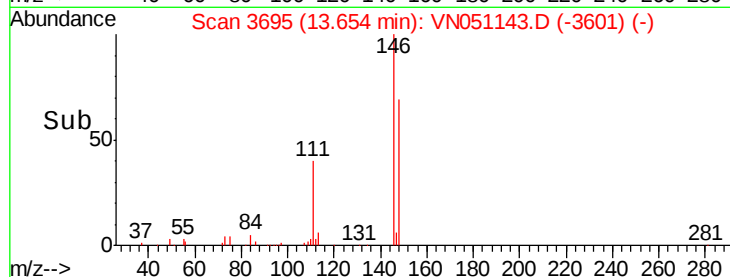
148 65.0 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.93 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

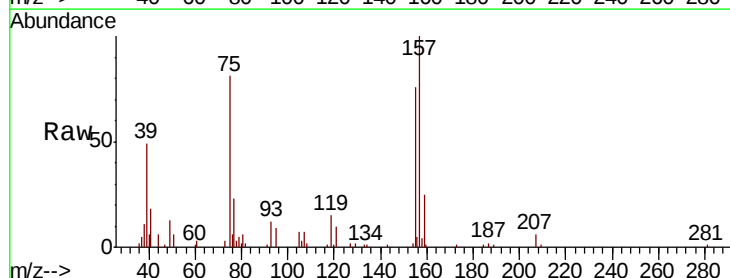
Tgt Ion: 75 Resp: 22733

Ion Ratio Lower Upper

75 100

155 100.5 48.7 146.1

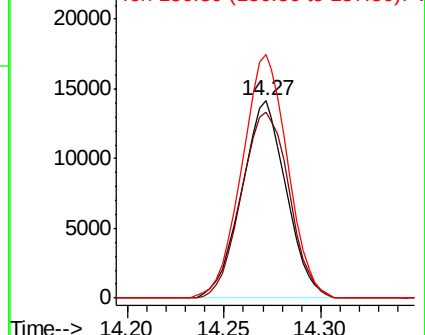
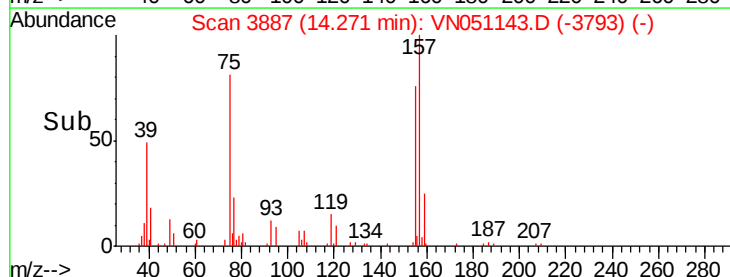
157 126.4 63.6 190.9

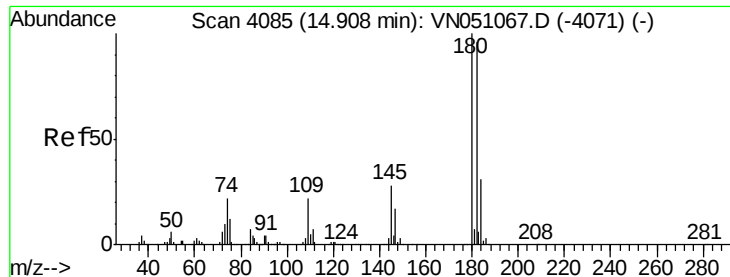


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

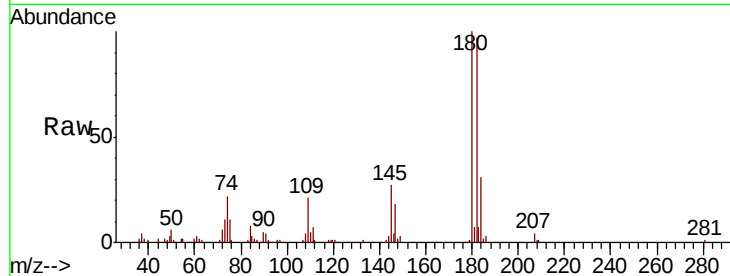




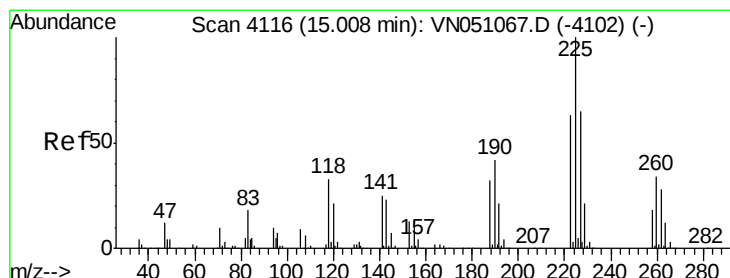
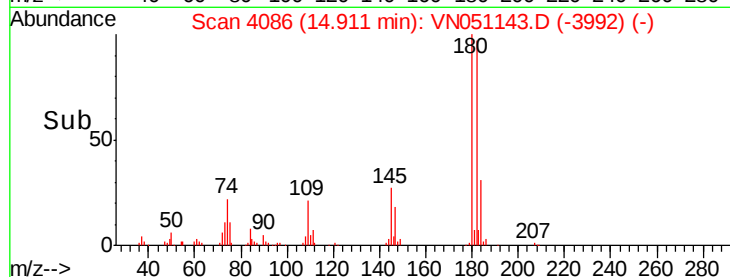
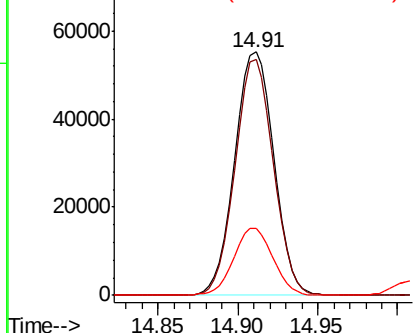
#93
 1,2,4-Trichlorobenzene
 Concen: 16.79 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051143.D
 Acq: 12 Sep 2018 11:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01

Tot Ion:180 Resp: 92233
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.3 141.8
 145 27.5 14.2 42.6

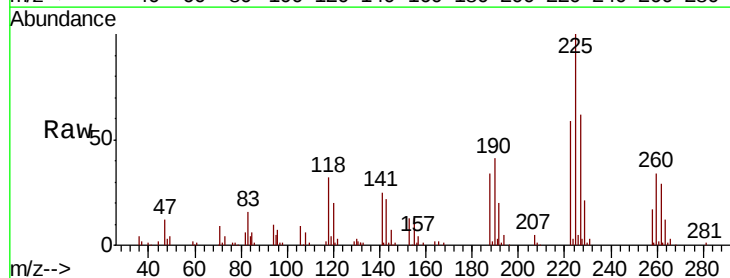


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

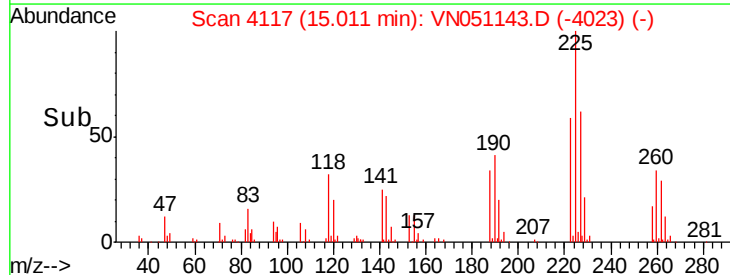
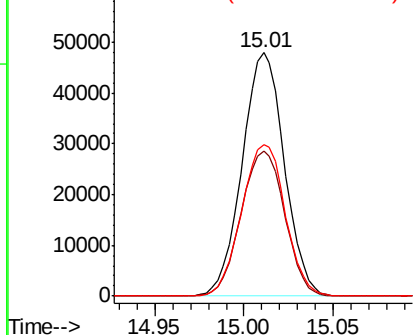


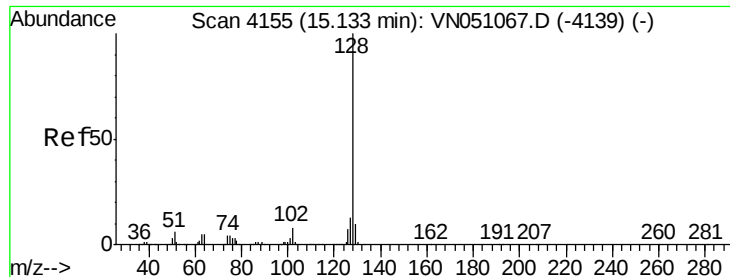
#94
 Hexachlorobutadiene
 Concen: 18.70 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051143.D
 Acq: 12 Sep 2018 11:17

Tgt Ion:225 Resp: 79094
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.4 94.0
 227 64.4 32.1 96.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 17.46 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

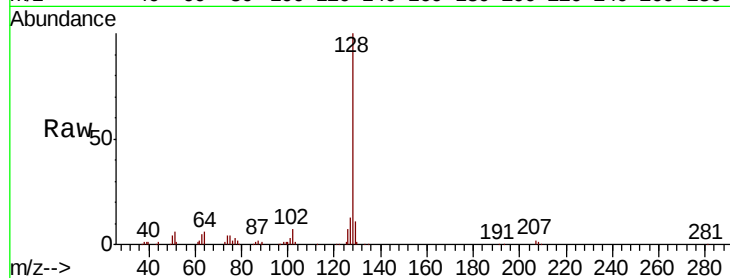
Tot Ion:128 Resp: 187908

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 10.5 8.6 12.8



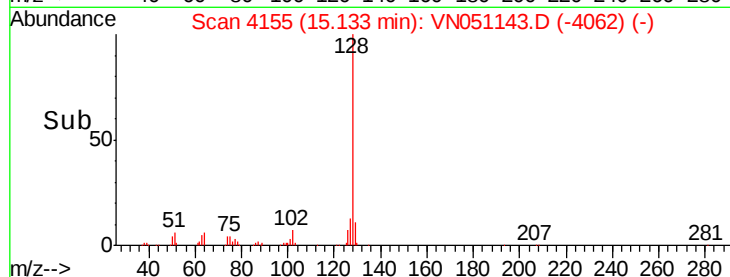
Abundance

Ion 128.00 (127.70 to 128.70): V

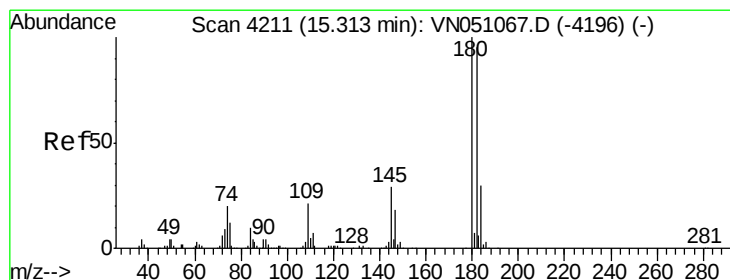
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.13



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 17.76 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN051143.D

Acq: 12 Sep 2018 11:17

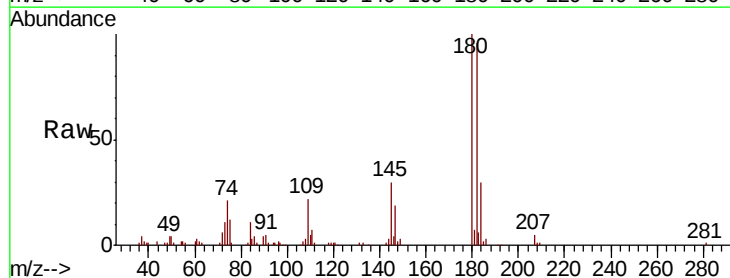
Tgt Ion:180 Resp: 99641

Ion Ratio Lower Upper

180 100

182 95.4 47.8 143.3

145 29.8 14.6 43.8



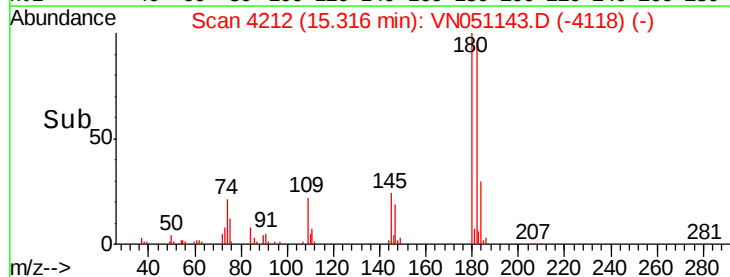
Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

15.32



Time-->