

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
 Data File : VN051083.D
 Acq On : 10 Sep 2018 17:23
 Operator : MD\SY
 Sample : VN0910WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910WBSD01

Quant Time: Sep 11 03:21:37 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	651429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	939897	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	844669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	398860	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	369257	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
35) Dibromofluoromethane	7.59	113	359361	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
50) Toluene-d8	10.09	98	1343711	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.40	95	429959	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	116298	18.51	ug/l	100
3) Chloromethane	2.06	50	158435	19.20	ug/l	99
4) Vinyl Chloride	2.18	62	161532	18.73	ug/l	99
5) Bromomethane	2.56	94	93220	18.54	ug/l	99
6) Chloroethane	2.70	64	96796	18.19	ug/l	99
7) Trichlorofluoromethane	3.01	101	220131	19.27	ug/l	97
8) Diethyl Ether	3.41	74	81189	19.32	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	138425	18.79	ug/l	99
10) Methyl Iodide	3.95	142	113965	20.31	ug/l	100
11) Tert butyl alcohol	4.79	59	53457	96.54	ug/l	98
12) 1,1-Dichloroethene	3.73	96	129523	18.64	ug/l	99
13) Acrolein	3.61	56	68610	115.94	ug/l	97
14) Allyl chloride	4.32	41	197815	18.68	ug/l	100
15) Acrylonitrile	5.00	53	237882	96.95	ug/l	99
16) Acetone	3.82	43	163608	87.48	ug/l	100
17) Carbon Disulfide	4.05	76	384271	18.83	ug/l	99
18) Methyl Acetate	4.33	43	111150	19.15	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	360570	19.63	ug/l	100
20) Methylene Chloride	4.55	84	148730	18.57	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	138277	18.35	ug/l	98
22) Diisopropyl ether	5.95	45	425420	20.24	ug/l	98
23) Vinyl Acetate	5.90	43	1407367	98.96	ug/l	99
24) 1,1-Dichloroethane	5.85	63	258507	19.39	ug/l	100
25) 2-Butanone	6.84	43	261573	91.77	ug/l	100
26) 2,2-Dichloropropane	6.82	77	189940	17.40	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	155968	18.86	ug/l	100
28) Bromochloromethane	7.20	49	111427	18.78	ug/l	100
29) Tetrahydrofuran	7.22	42	180244	101.27	ug/l	100
30) Chloroform	7.37	83	258758	19.51	ug/l	99
31) Cyclohexane	7.66	56	230269	19.23	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	219832	19.45	ug/l	99
36) 1,1-Dichloropropene	7.79	75	195604	18.96	ug/l	99
37) Ethyl Acetate	6.93	43	121661	20.36	ug/l	98
38) Carbon Tetrachloride	7.77	117	192098	18.91	ug/l	100

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910WBSD01

Quant Time: Sep 11 03:21:37 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	210186	18.46	ug/l	98
40) Benzene	8.04	78	602288	19.37	ug/l	98
41) Methacrylonitrile	7.18	41	63432	20.57	ug/l #	82
42) 1,2-Dichloroethane	8.13	62	176793	19.51	ug/l	100
43) Isopropyl Acetate	8.17	43	208180	19.74	ug/l #	89
44) Trichloroethene	8.84	130	160770	18.90	ug/l	100
45) 1,2-Dichloropropane	9.12	63	156676	19.50	ug/l	99
46) Dibromomethane	9.21	93	93261	19.02	ug/l	99
47) Bromodichloromethane	9.40	83	191874	19.25	ug/l	100
48) Methyl methacrylate	9.20	41	102574	19.96	ug/l	97
49) 1,4-Dioxane	9.20	88	32342	401.33	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	597244	102.41	ug/l	100
52) Toluene	10.16	92	372305	19.64	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	185572	18.60	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	219848	18.79	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	135634	19.69	ug/l	97
56) Ethyl methacrylate	10.43	69	162595	19.18	ug/l	99
57) 1,3-Dichloropropane	10.71	76	222579	19.49	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	338972	97.15	ug/l	99
59) 2-Hexanone	10.75	43	376832	95.28	ug/l	99
60) Dibromochloromethane	10.90	129	149086	19.20	ug/l	99
61) 1,2-Dibromoethane	11.01	107	130349	19.36	ug/l	100
64) Tetrachloroethene	10.63	164	145995	18.94	ug/l	99
65) Chlorobenzene	11.43	112	404287	18.99	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	147458	19.24	ug/l	99
67) Ethyl Benzene	11.51	91	653554	18.95	ug/l	99
68) m/p-Xylenes	11.62	106	520790	39.31	ug/l	100
69) o-Xylene	11.95	106	245753	19.16	ug/l	97
70) Styrene	11.96	104	389842	19.59	ug/l	99
71) Bromoform	12.13	173	104767	19.41	ug/l #	99
73) Isopropylbenzene	12.25	105	655961	19.61	ug/l	100
74) N-amyl acetate	12.07	43	160655	19.08	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	171819	21.48	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	194638	30.91	ug/l #	100
77) Bromobenzene	12.53	156	170635	18.99	ug/l	99
78) n-propylbenzene	12.59	91	716729	19.49	ug/l	99
79) 2-Chlorotoluene	12.67	91	440409	19.16	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	535749	19.81	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	40705	19.38	ug/l	99
82) 4-Chlorotoluene	12.77	91	430749	18.88	ug/l	99
83) tert-Butylbenzene	12.99	119	457430	19.16	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	533528	20.06	ug/l	100
85) sec-Butylbenzene	13.17	105	600289	19.61	ug/l	99
86) p-Isopropyltoluene	13.29	119	512909	19.76	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	282207	18.51	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	271794	19.43	ug/l	99
89) n-Butylbenzene	13.62	91	362333	17.93	ug/l	100
90) Hexachloroethane	13.87	117	94671	19.65	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	279586	18.82	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23612	21.05	ug/l	96

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Instrument :
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ClientSampleId :
VN0910WBSD01

Quant Time: Sep 11 03:21:37 2018
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Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration

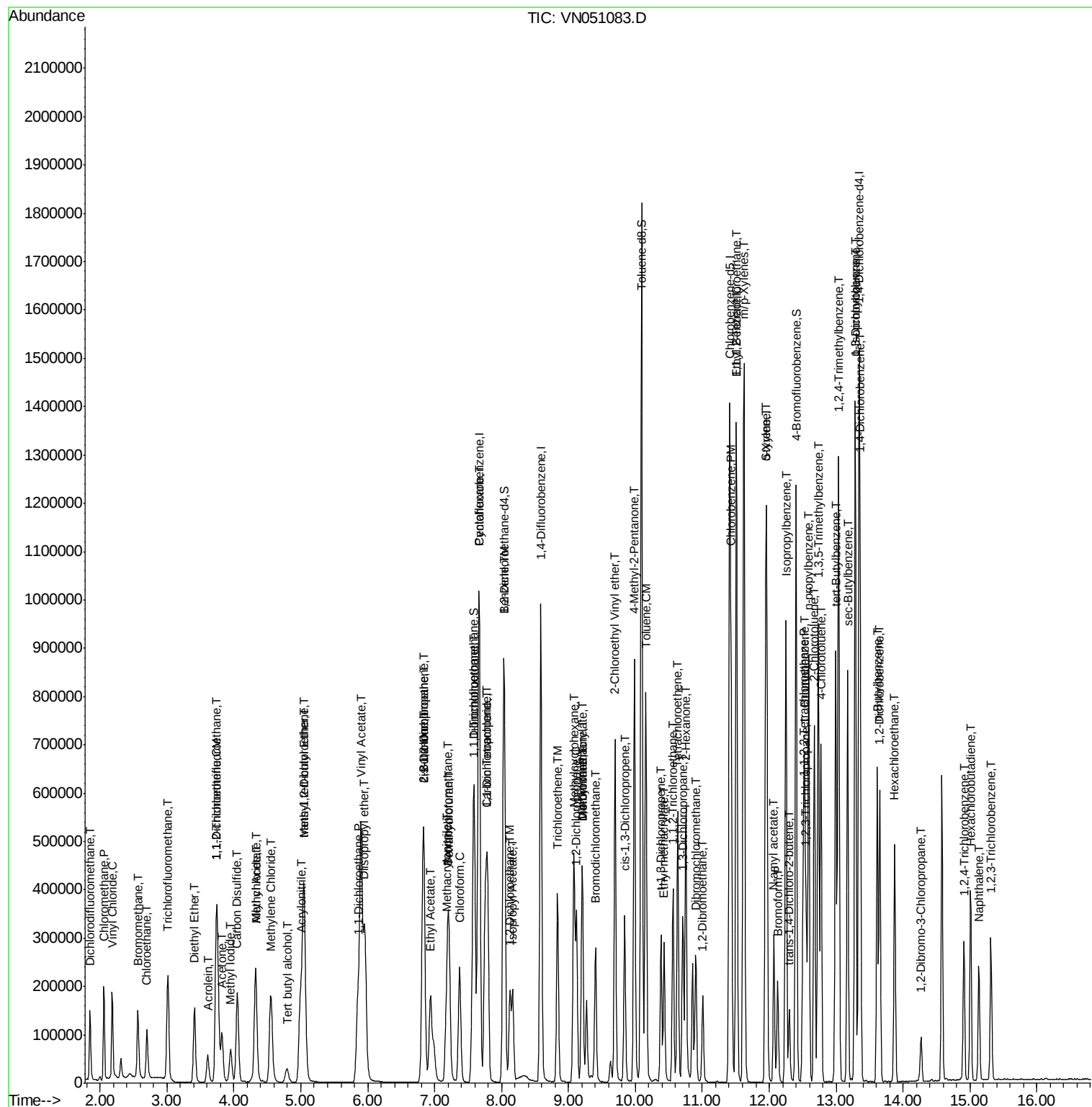
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	105754	17.54	ug/l	99
94) Hexachlorobutadiene	15.01	225	89209	19.54	ug/l	98
95) Naphthalene	15.13	128	212455	17.99	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	114097	18.61	ug/l	99

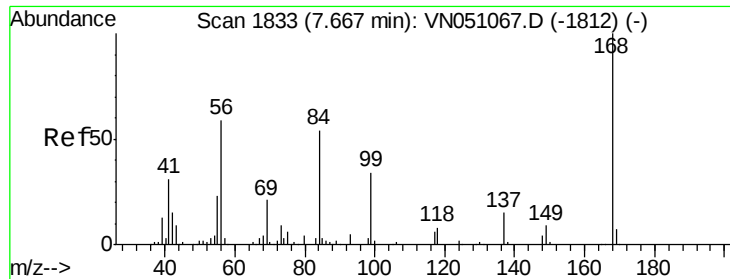
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
Data File : VN051083.D
Acq On : 10 Sep 2018 17:23
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Sample : VN0910WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

Instrument :

MSVOA_N

ClientSampleId :

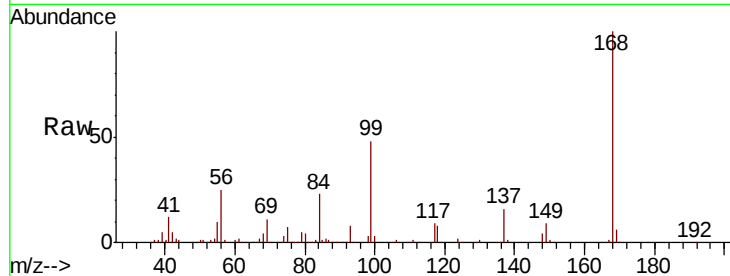
VN0910WBSD01

Tot Ion:168 Resp: 651429

Ion Ratio Lower Upper

168 100

99 48.1 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

300000

250000

200000

150000

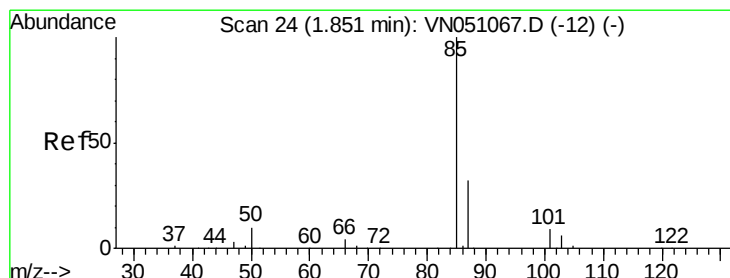
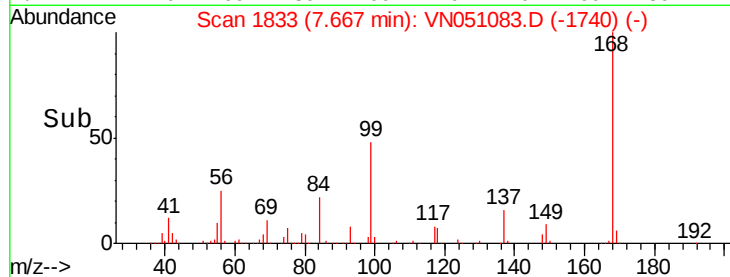
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.51 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN051083.D

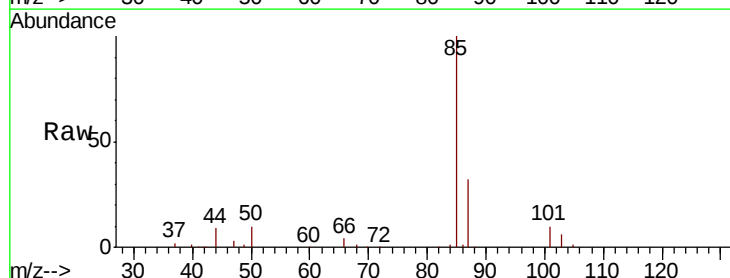
Acq: 10 Sep 2018 17:23

Tgt Ion: 85 Resp: 116298

Ion Ratio Lower Upper

85 100

87 31.8 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

80000

60000

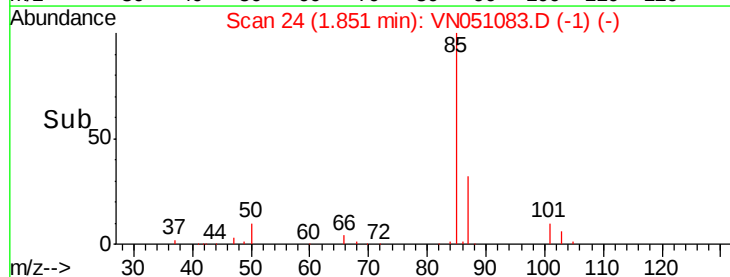
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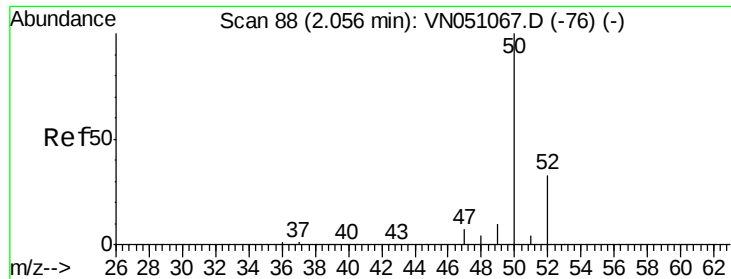
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 19.20 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

Instrument :

MSVOA_N

ClientSampleId :

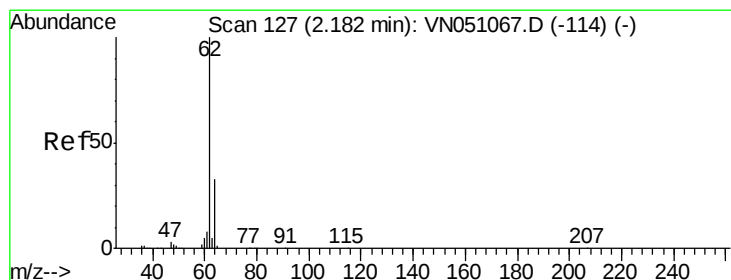
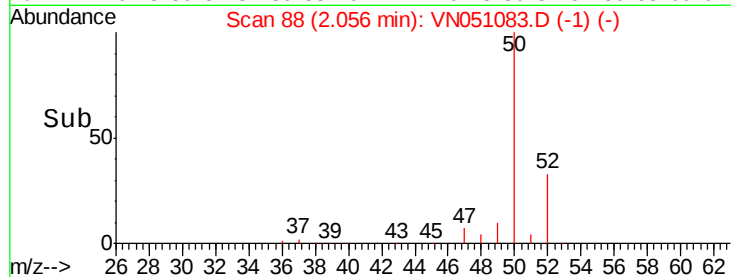
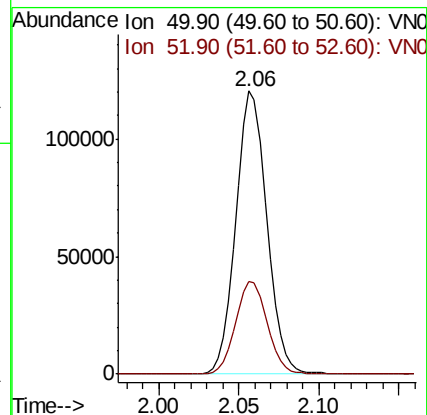
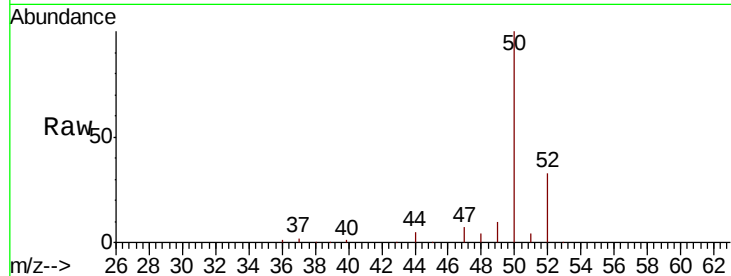
VN0910WBSD01

Tot Ion: 50 Resp: 158435

Ion Ratio Lower Upper

50 100

52 32.8 26.0 39.0



#4

Vinyl Chloride

Concen: 18.73 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN051083.D

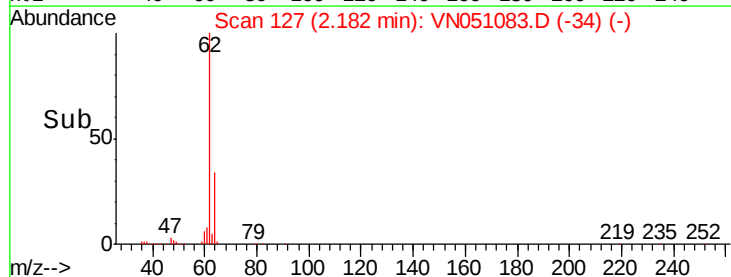
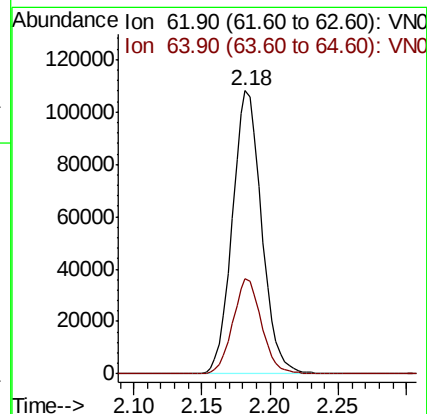
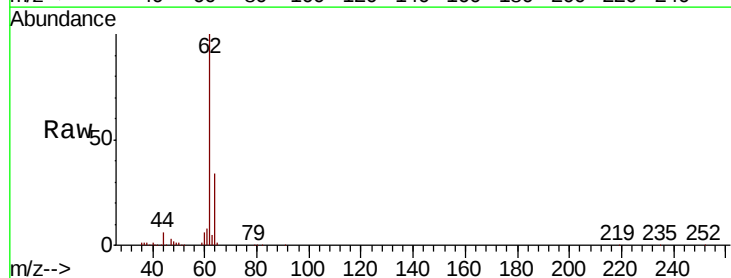
Acq: 10 Sep 2018 17:23

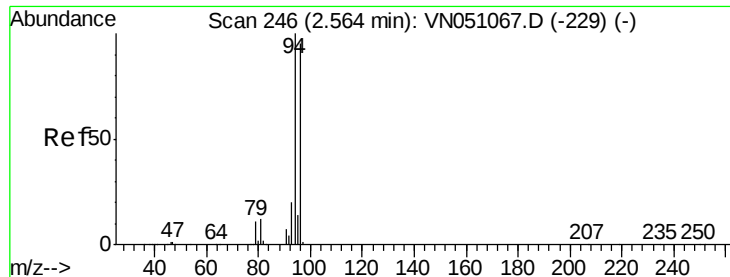
Tgt Ion: 62 Resp: 161532

Ion Ratio Lower Upper

62 100

64 33.6 26.2 39.4





#5

Bromomethane

Concen: 18.54 ug/l

RT: 2.56 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

Instrument :

MSVOA_N

ClientSampleId :

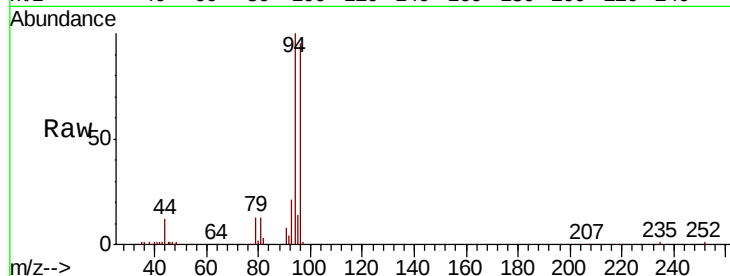
VN0910WBSD01

Tot Ion: 94 Resp: 93220

Ion Ratio Lower Upper

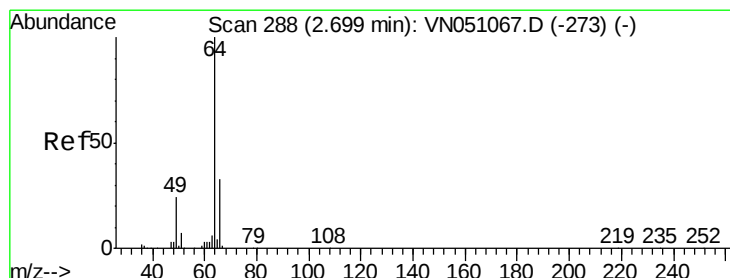
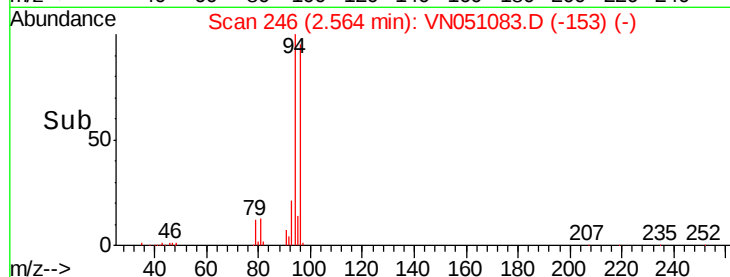
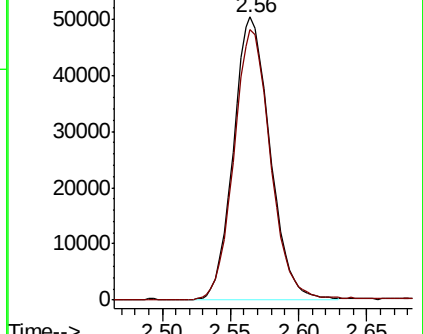
94 100

96 95.8 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: 18.19 ug/l

RT: 2.70 min Scan# 288

Delta R.T. 0.00 min

Lab File: VN051083.D

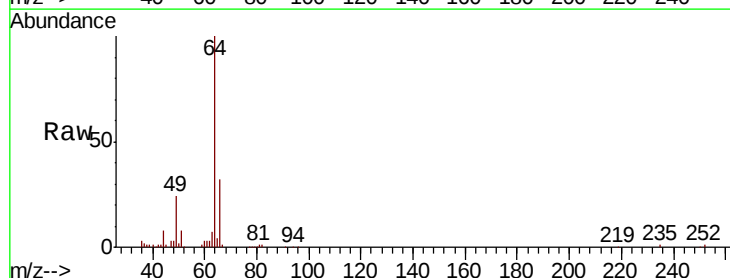
Acq: 10 Sep 2018 17:23

Tgt Ion: 64 Resp: 96796

Ion Ratio Lower Upper

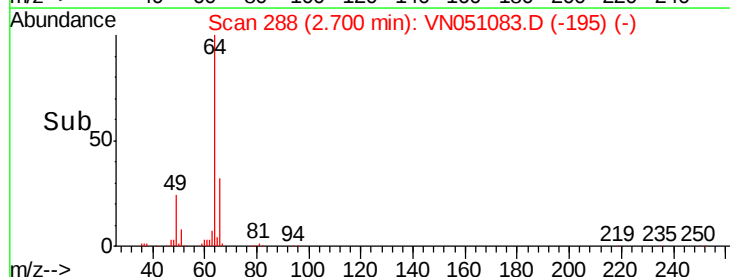
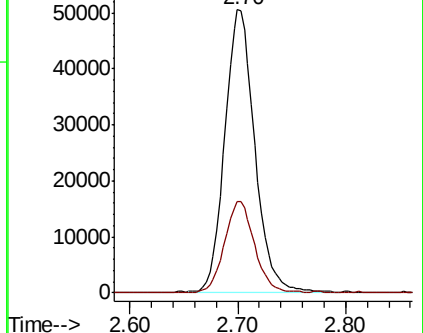
64 100

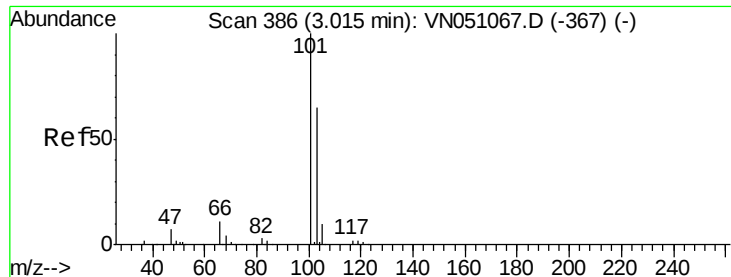
66 32.3 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



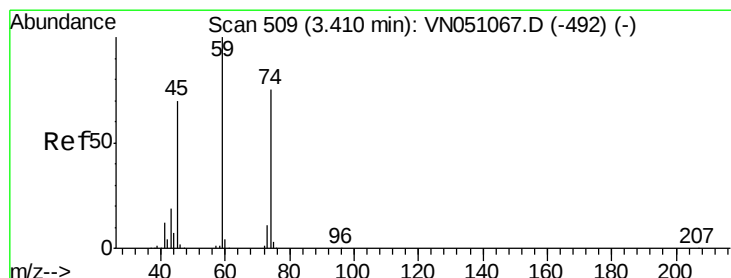
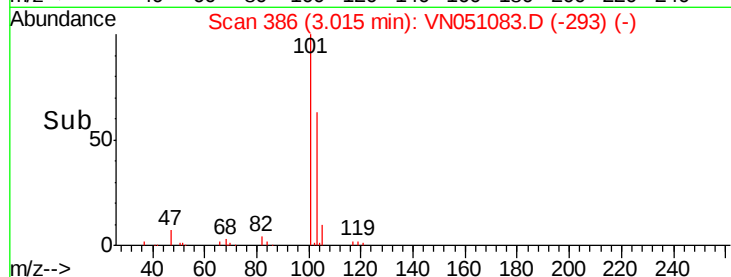
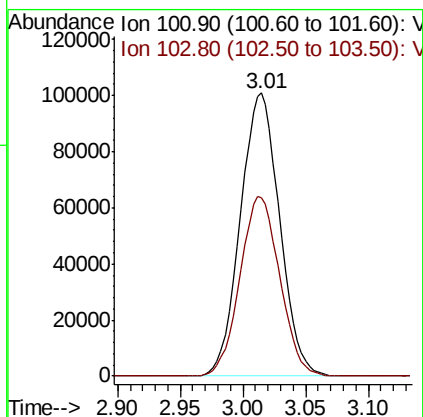
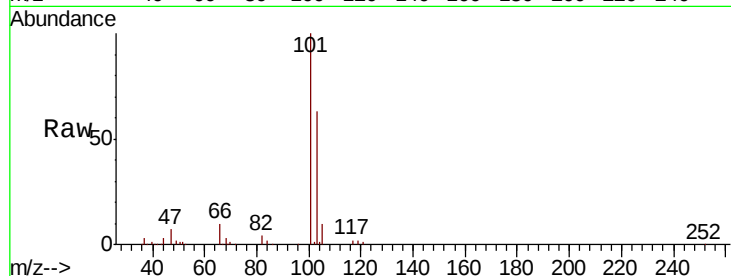


#7

Trichlorofluoromethane
 Concen: 19.27 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: VN051083.D
 Acq: 10 Sep 2018 17:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910WBSD01

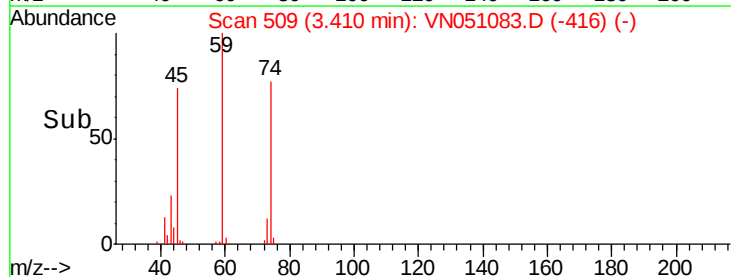
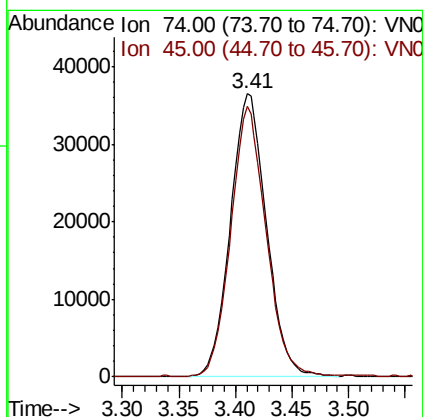
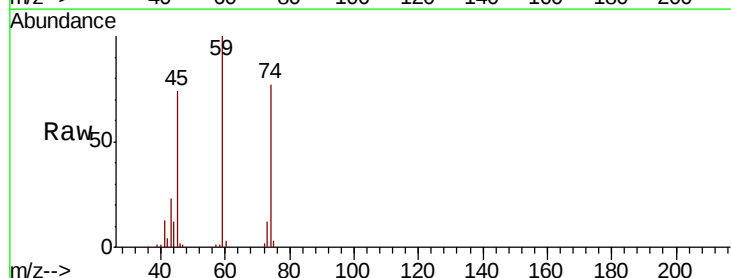
Tot Ion:101 Resp: 220131
 Ion Ratio Lower Upper
 101 100
 103 63.2 52.4 78.6

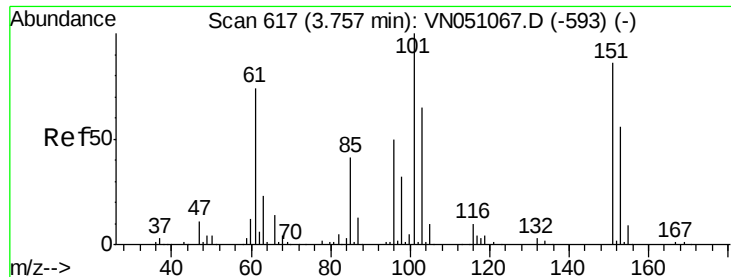


#8

Diethyl Ether
 Concen: 19.32 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN051083.D
 Acq: 10 Sep 2018 17:23

Tgt Ion: 74 Resp: 81189
 Ion Ratio Lower Upper
 74 100
 45 93.5 46.7 140.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.79 ug/l

RT: 3.75 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

Instrument :

MSVOA_N

ClientSampleId :

VN0910WBSD01

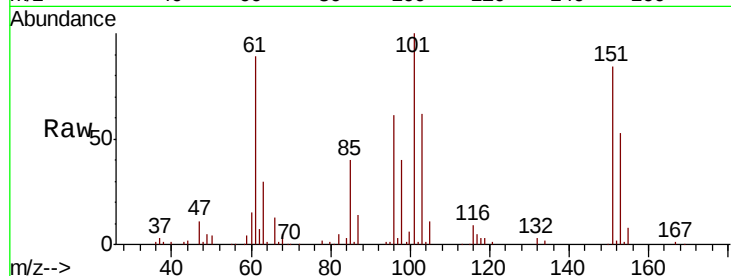
Tot Ion:101 Resp: 138425

Ion Ratio Lower Upper

101 100

85 41.1 33.3 49.9

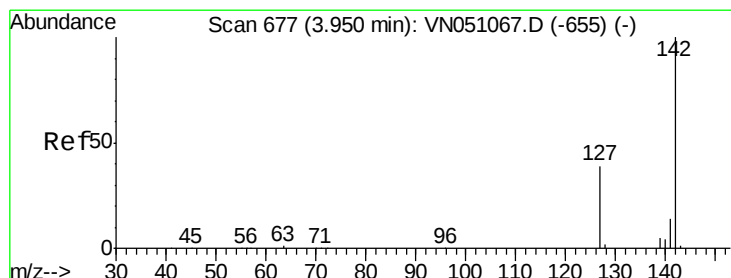
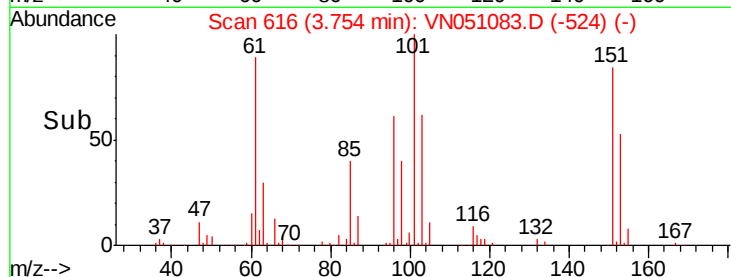
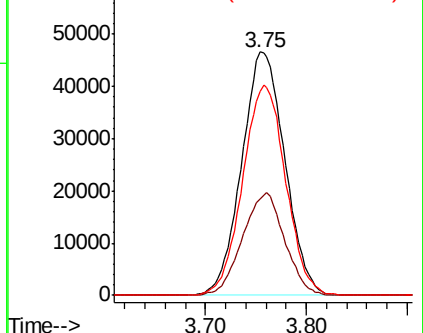
151 85.9 68.2 102.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.31 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

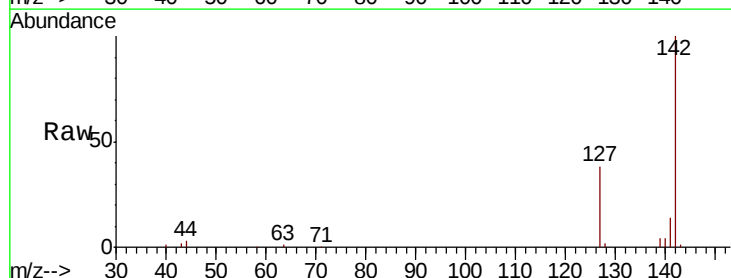
Tgt Ion:142 Resp: 113965

Ion Ratio Lower Upper

142 100

127 38.6 31.0 46.4

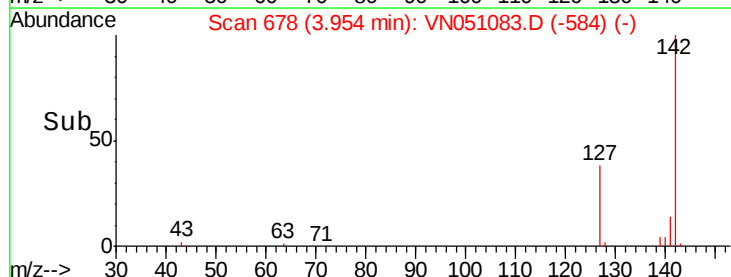
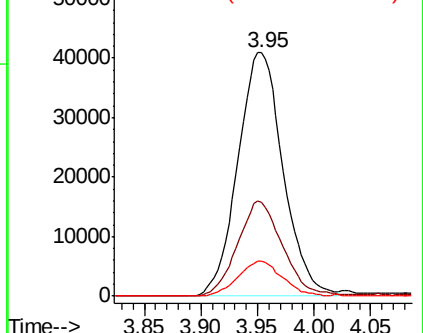
141 14.0 11.3 16.9

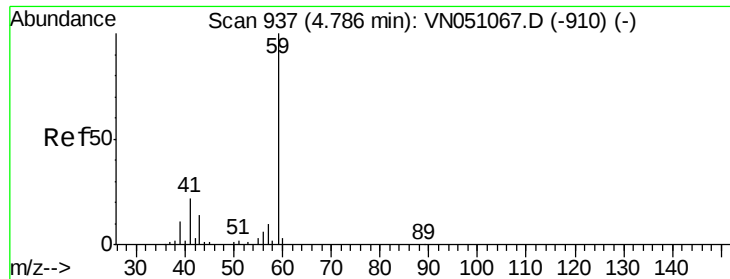


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

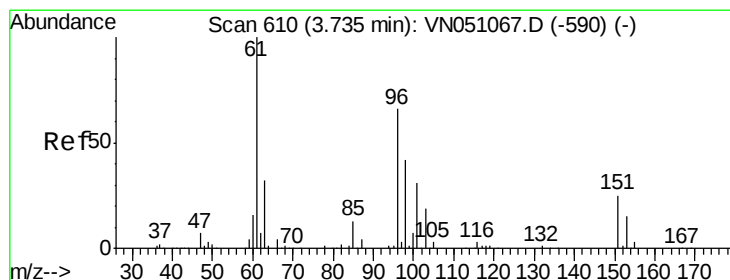
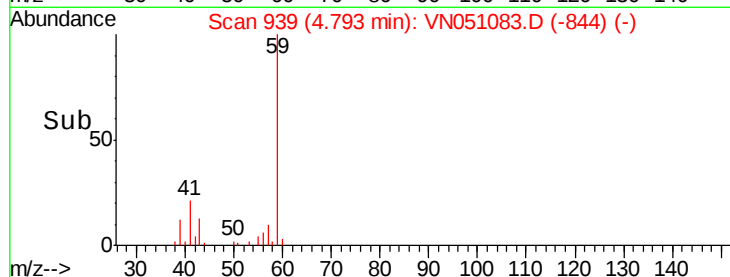
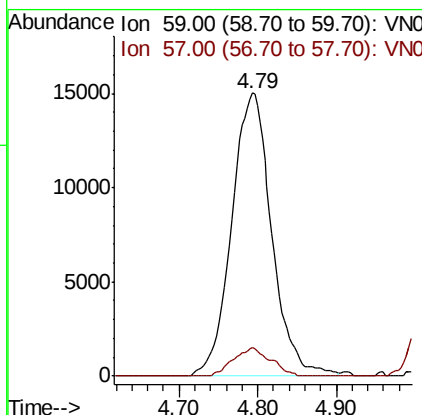
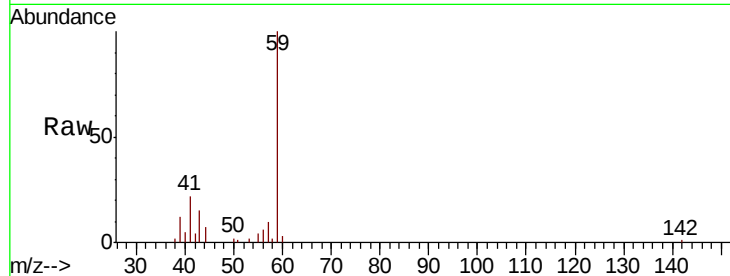




#11
Tert butyl alcohol
Concen: 96.54 ug/l
RT: 4.79 min Scan# 939
Delta R.T. 0.01 min
Lab File: VN051083.D
Acq: 10 Sep 2018 17:23

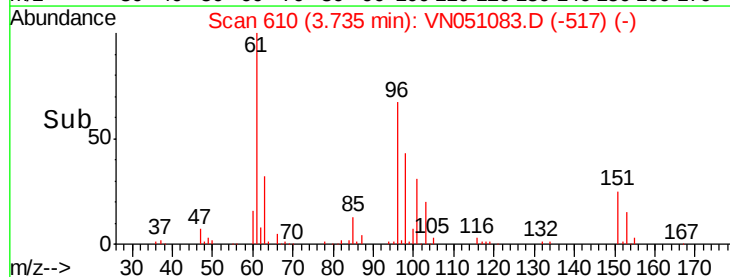
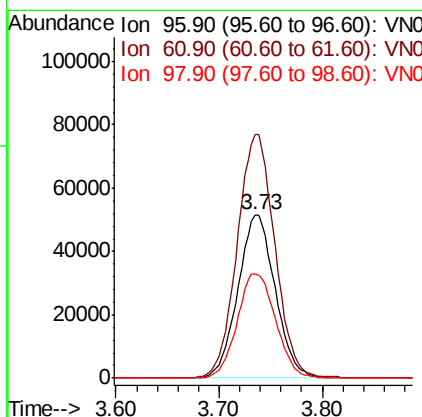
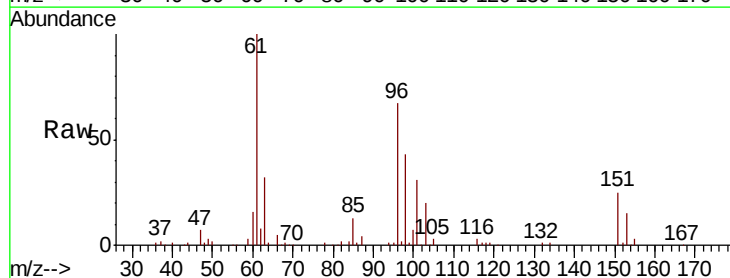
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBSD01

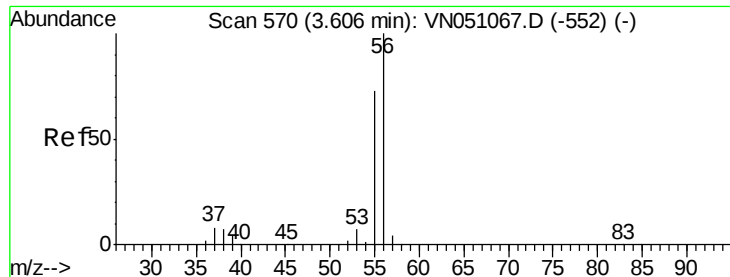
Tot Ion: 59 Resp: 53457
Ion Ratio Lower Upper
59 100
57 9.3 8.1 12.1



#12
1,1-Dichloroethene
Concen: 18.64 ug/l
RT: 3.73 min Scan# 610
Delta R.T. 0.00 min
Lab File: VN051083.D
Acq: 10 Sep 2018 17:23

Tgt Ion: 96 Resp: 129523
Ion Ratio Lower Upper
96 100
61 148.8 120.3 180.5
98 63.6 50.8 76.2





#13

Acrolein

Concen: 115.94 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

Instrument :

MSVOA_N

ClientSampleId :

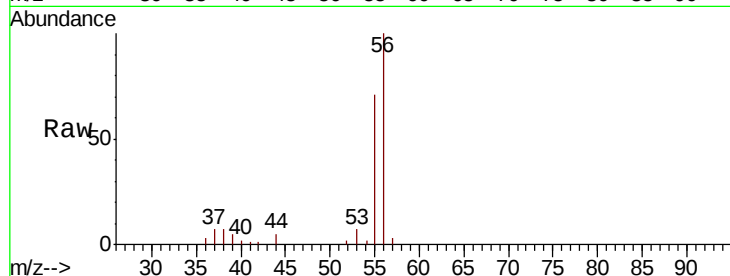
VN0910WBSD01

Tot Ion: 56 Resp: 68610

Ion Ratio Lower Upper

56 100

55 69.8 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

30000

25000

20000

15000

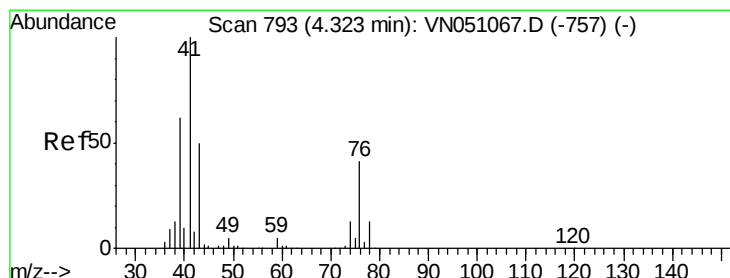
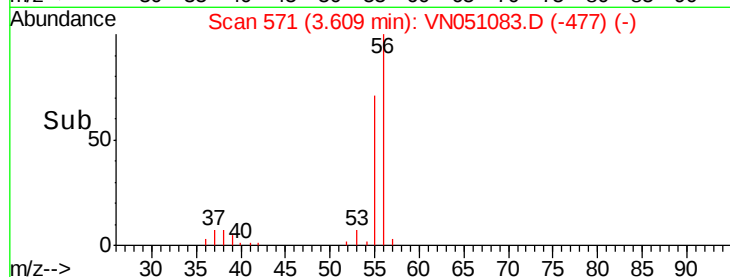
10000

5000

0

Time-->

3.50 3.60 3.70



#14

Allyl chloride

Concen: 18.68 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

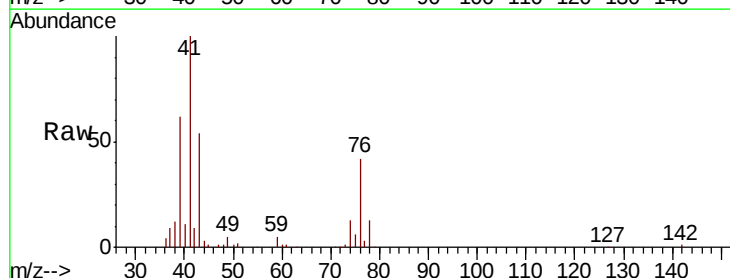
Tgt Ion: 41 Resp: 197815

Ion Ratio Lower Upper

41 100

39 60.8 48.8 73.2

76 38.7 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

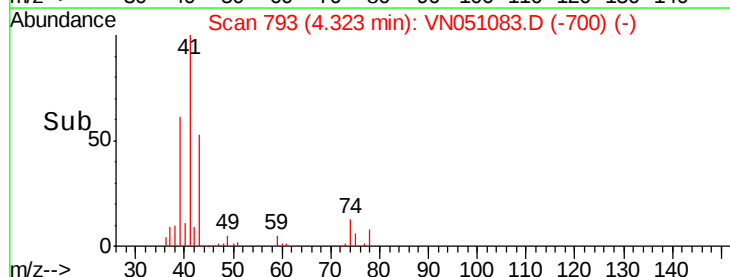
40000

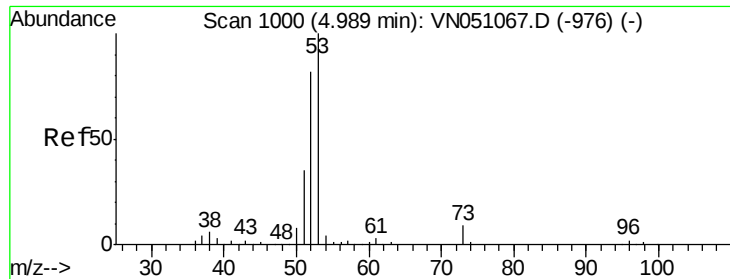
20000

0

Time-->

4.20 4.30 4.40





#15

Acrylonitrile

Concen: 96.95 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

Instrument :

MSVOA_N

ClientSampleId :

VN0910WBSD01

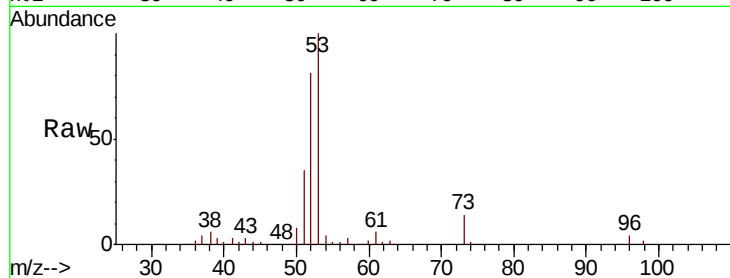
Tot Ion: 53 Resp: 237882

Ion Ratio Lower Upper

53 100

52 82.6 65.3 97.9

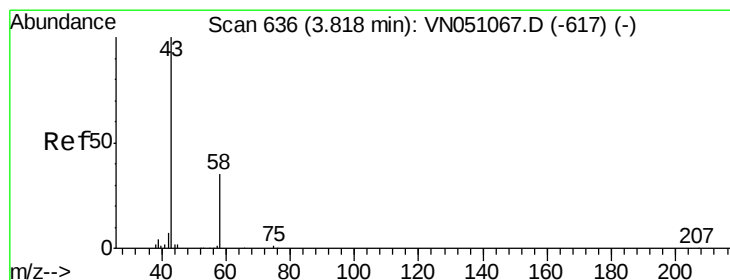
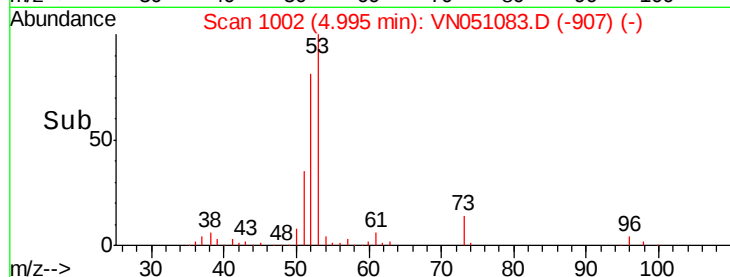
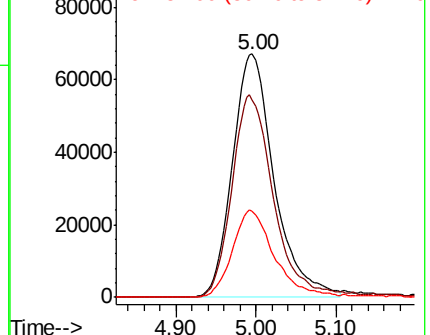
51 35.9 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 87.48 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051083.D

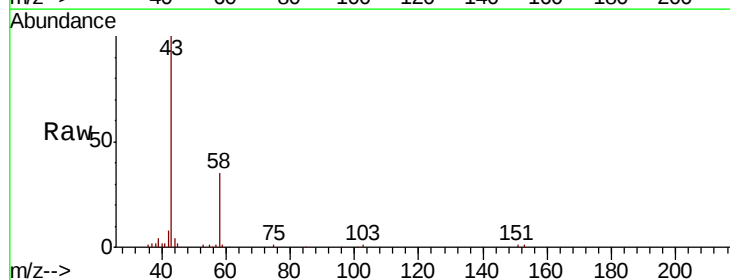
Acq: 10 Sep 2018 17:23

Tgt Ion: 43 Resp: 163608

Ion Ratio Lower Upper

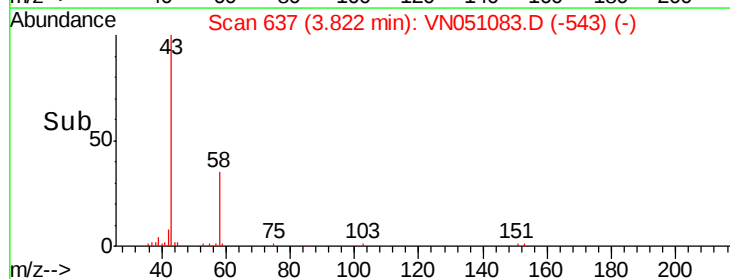
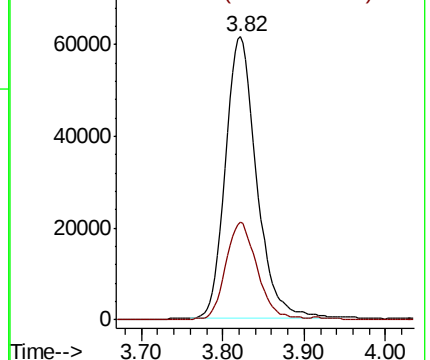
43 100

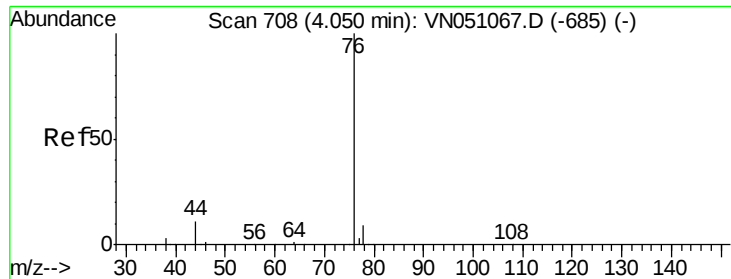
58 34.9 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

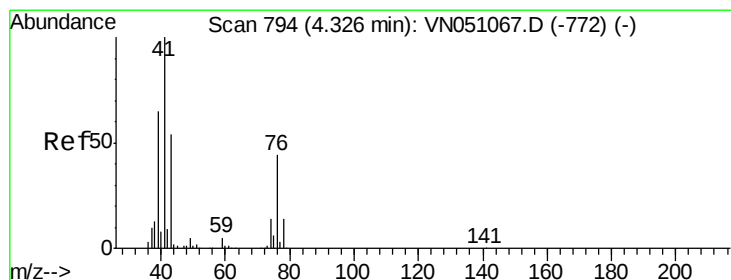
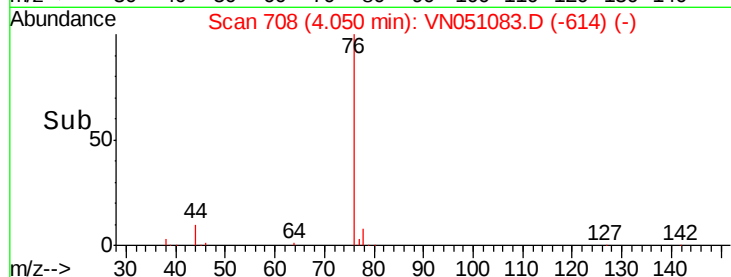
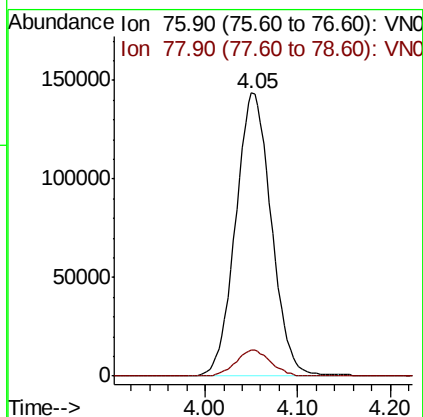
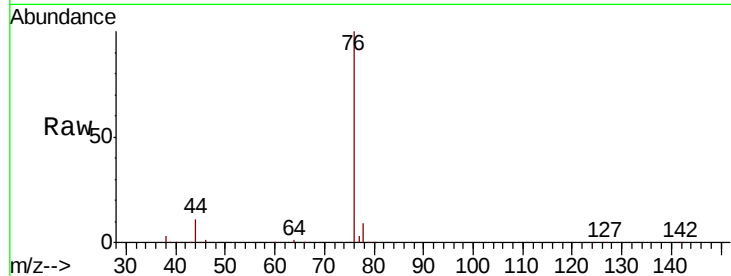




#17
Carbon Disulfide
Concen: 18.83 ug/l
RT: 4.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN051083.D
Acq: 10 Sep 2018 17:23

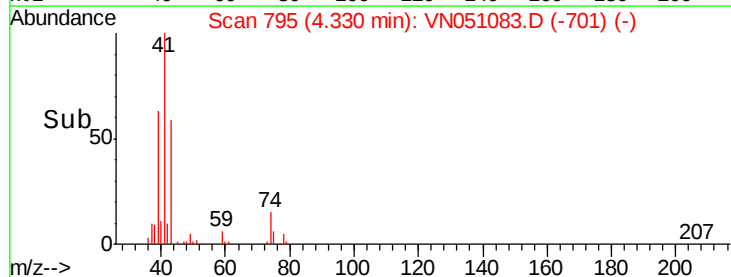
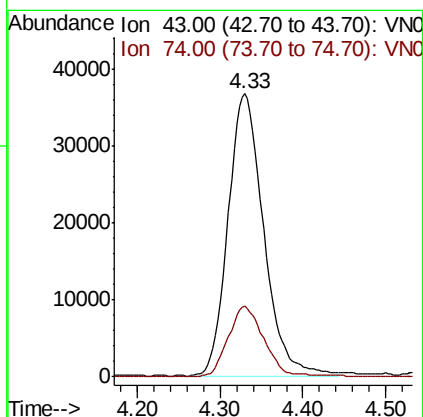
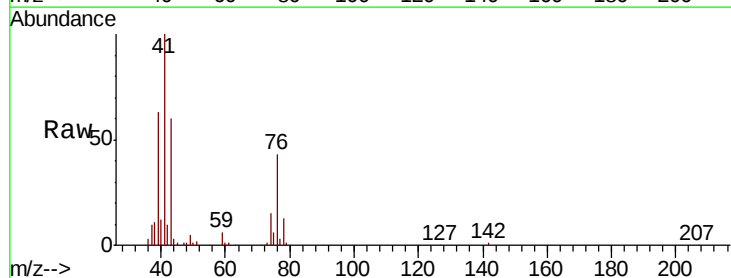
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBSD01

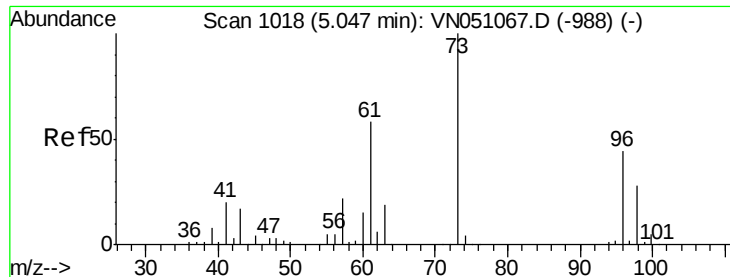
Tot Ion: 76 Resp: 384271
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 19.15 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051083.D
Acq: 10 Sep 2018 17:23

Tgt Ion: 43 Resp: 111150
Ion Ratio Lower Upper
43 100
74 24.9 20.7 31.1





#19

Methyl tert-butyl Ether

Concen: 19.63 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

Instrument :

MSVOA_N

ClientSampleID :

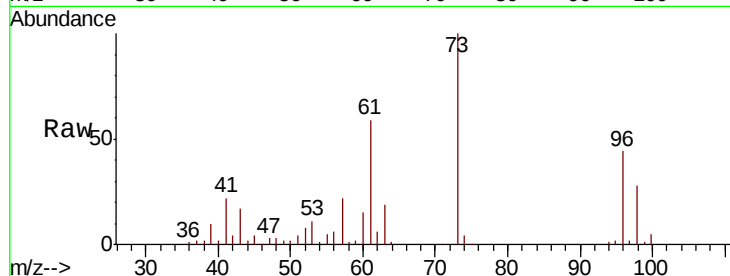
VN0910WBSD01

Tot Ion: 73 Resp: 360570

Ion Ratio Lower Upper

73 100

57 22.2 17.9 26.9



Abundance Ion 73.00 (72.70 to 73.70): VN051067.D (-988) (-)

Ion 57.00 (56.70 to 57.70): VN051067.D (-988) (-)

5.05

100000

80000

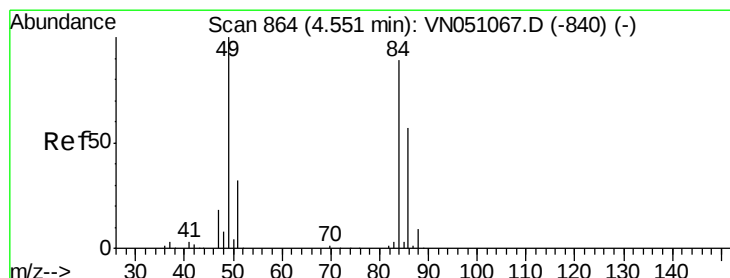
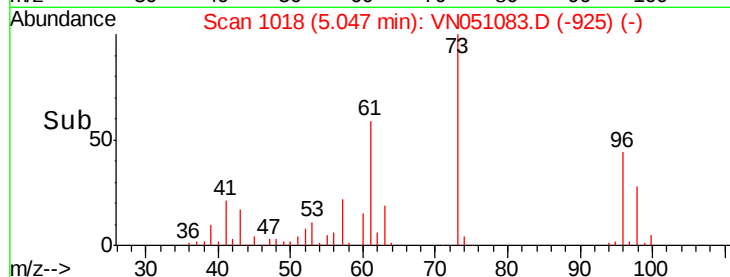
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 18.57 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

Tgt Ion: 84 Resp: 148730

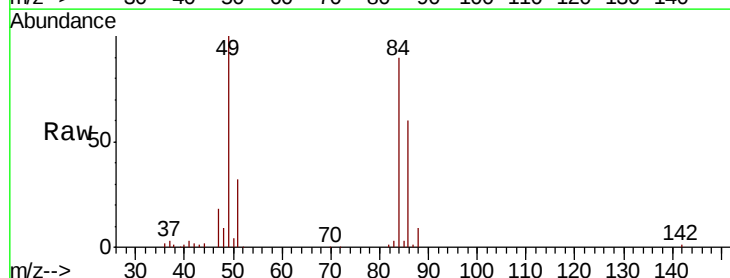
Ion Ratio Lower Upper

84 100

49 111.6 90.2 135.2

51 35.9 28.4 42.6

86 66.7 51.8 77.8



Abundance Ion 83.90 (83.60 to 84.60): VN051067.D (-840) (-)

Ion 48.90 (48.60 to 49.60): VN051067.D (-840) (-)

Ion 50.90 (50.60 to 51.60): VN051067.D (-840) (-)

Ion 85.90 (85.60 to 86.60): VN051067.D (-840) (-)

80000

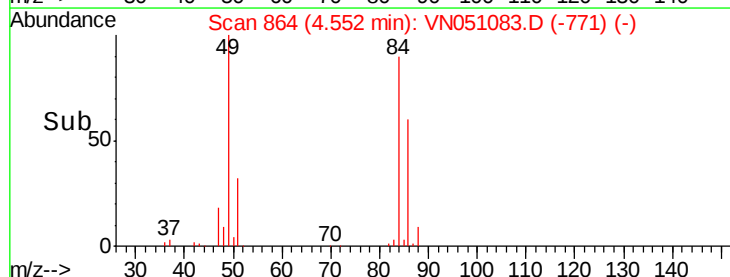
60000

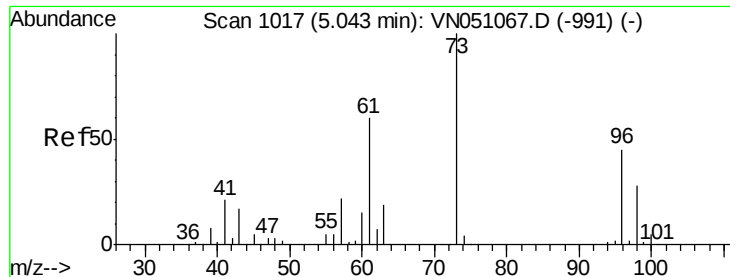
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 18.35 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. 0.00 min

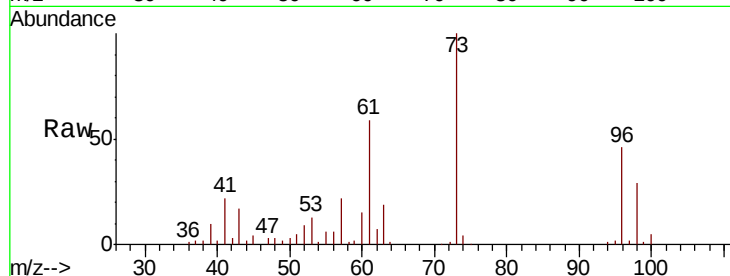
Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBSD01

Tot Ion: 96 Resp: 138277

Ion	Ratio	Lower	Upper
96	100		
61	130.2	106.5	159.7
98	62.8	50.4	75.6

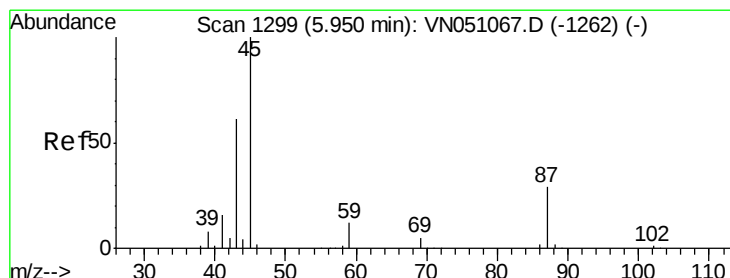
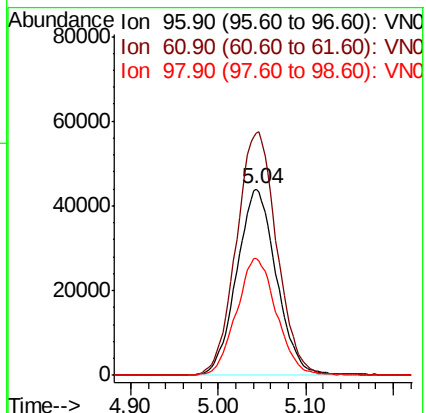
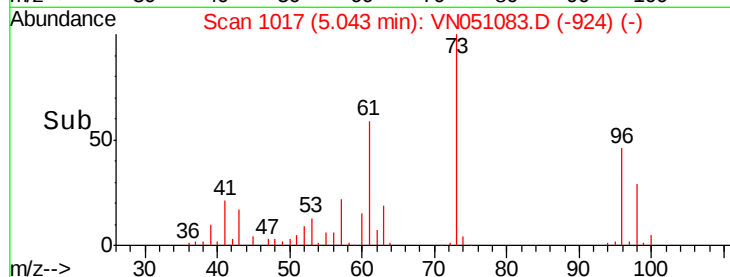


Abundance

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



#22

Diisopropyl ether

Concen: 20.24 ug/l

RT: 5.95 min Scan# 1300

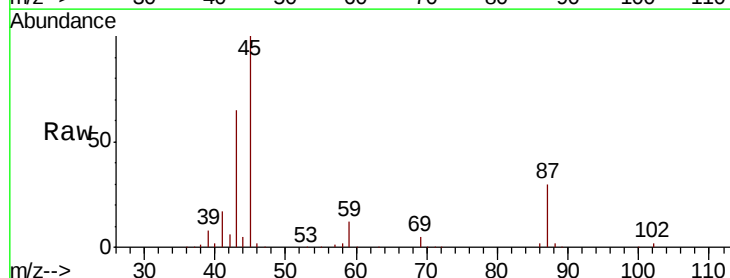
Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

Tgt Ion: 45 Resp: 425420

Ion	Ratio	Lower	Upper
45	100		
43	63.0	48.8	73.2
87	29.8	23.8	35.8
59	12.0	9.6	14.4



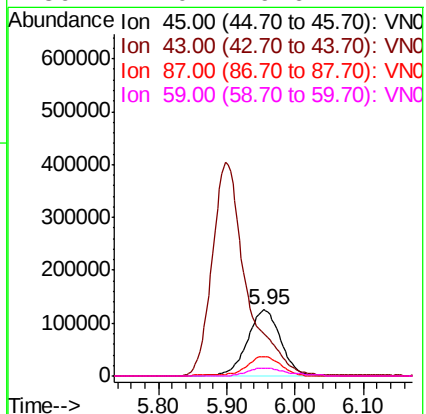
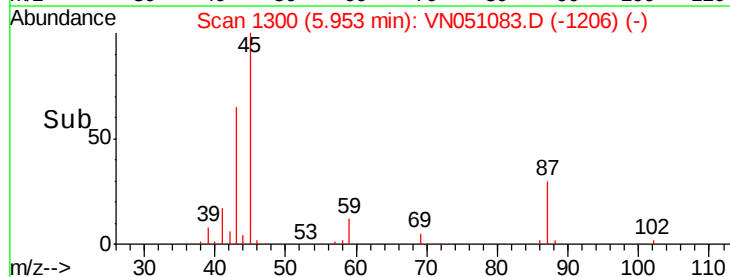
Abundance

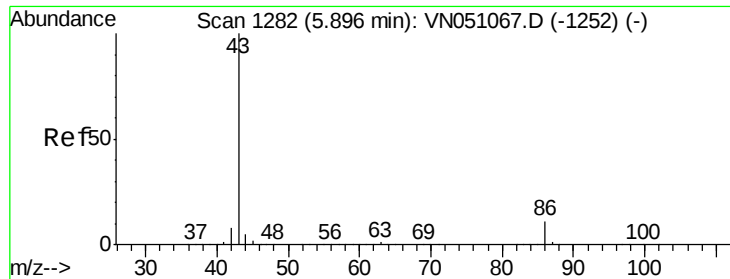
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 98.96 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

Instrument :

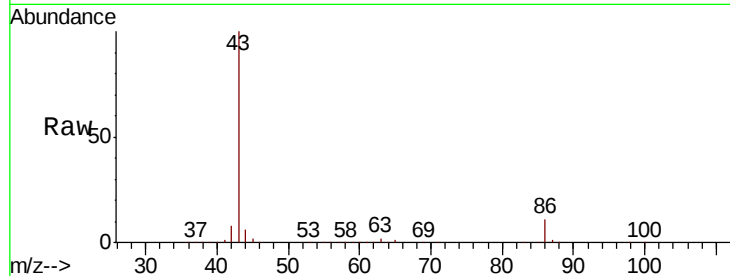
MSVOA_N

ClientSampleId :

VN0910WBSD01

Tot Ion: 43 Resp: 1407367

Ion	Ratio	Lower	Upper
43	100		
86	11.1	9.2	13.8

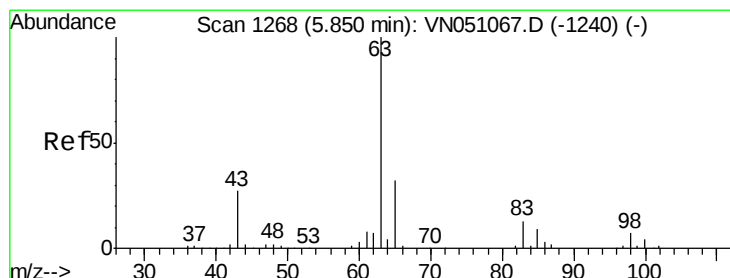
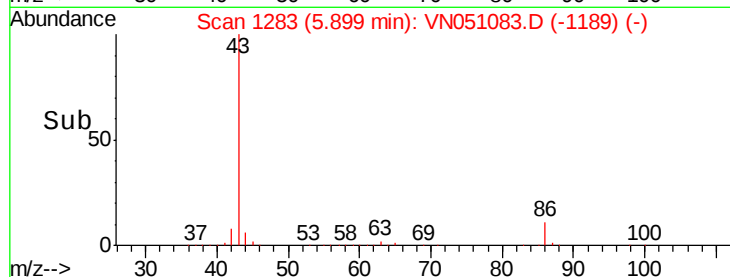


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 19.39 ug/l

RT: 5.85 min Scan# 1268

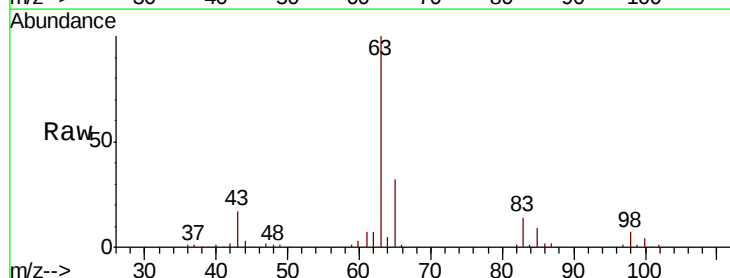
Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

Tgt Ion: 63 Resp: 258507

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.4	10.1
100	4.4	2.1	6.3



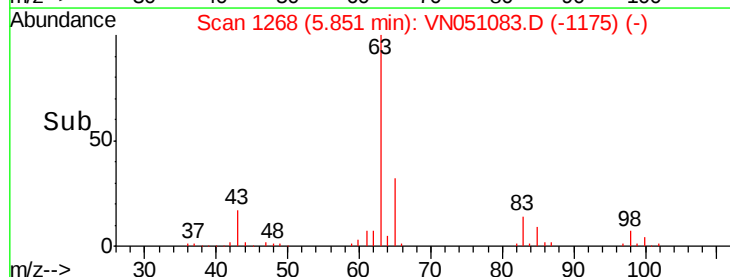
Abundance Ion 62.90 (62.60 to 63.60): VN0

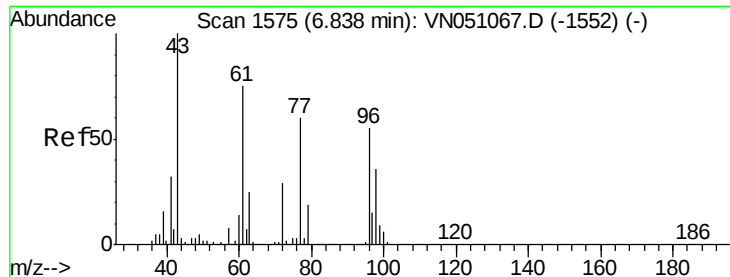
Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.85

Time--> 5.70 5.80 5.90 6.00

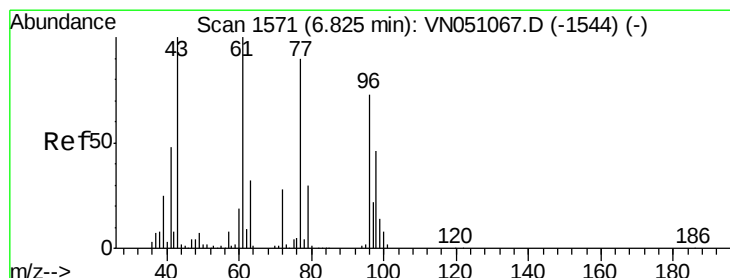
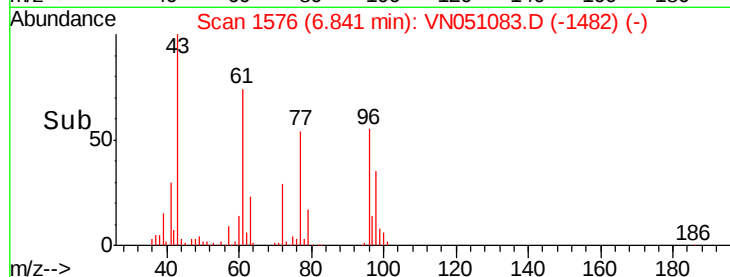
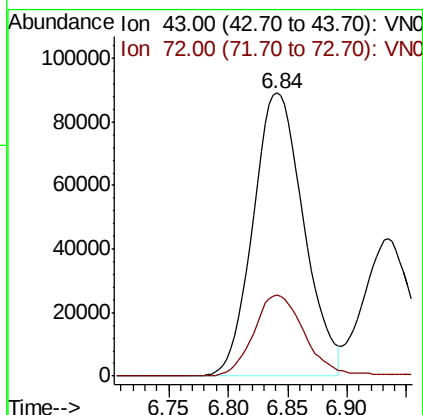
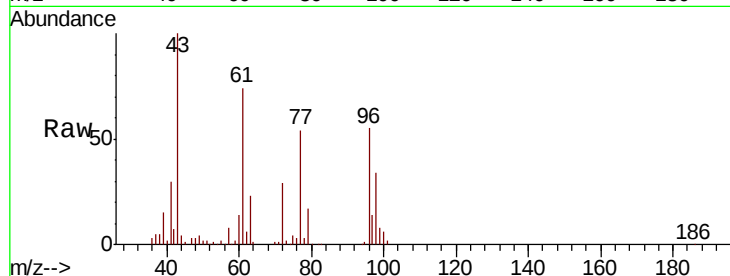




#25
2-Butanone
Concen: 91.77 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN051083.D
Acq: 10 Sep 2018 17:23

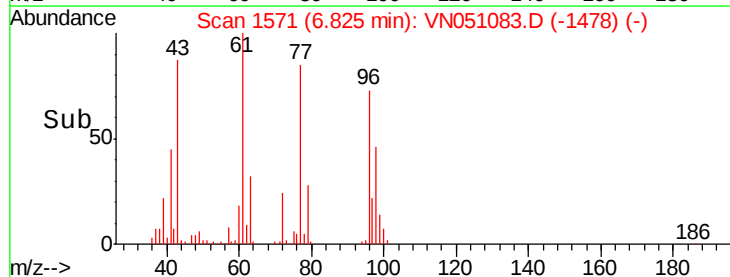
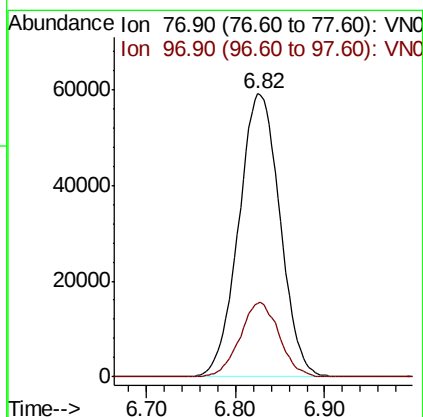
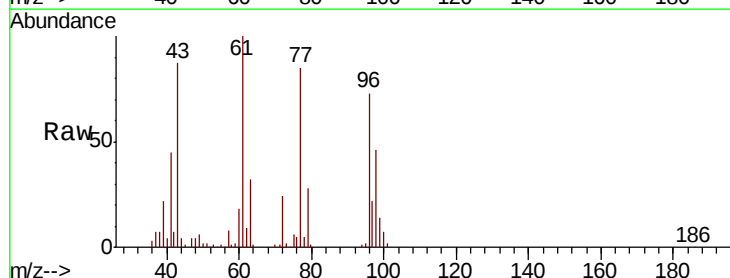
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBSD01

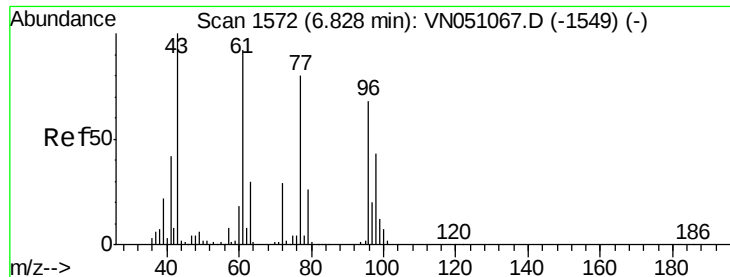
Tot Ion: 43 Resp: 261573
Ion Ratio Lower Upper
43 100
72 28.7 23.0 34.6



#26
2,2-Dichloropropane
Concen: 17.40 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN051083.D
Acq: 10 Sep 2018 17:23

Tgt Ion: 77 Resp: 189940
Ion Ratio Lower Upper
77 100
97 25.0 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 18.86 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

Instrument :

MSVOA_N

ClientSampleId :

VN0910WBSD01

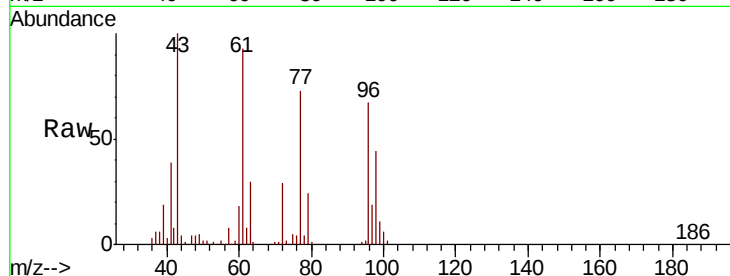
Tot Ion: 96 Resp: 155968

Ion Ratio Lower Upper

96 100

61 139.2 0.0 278.2

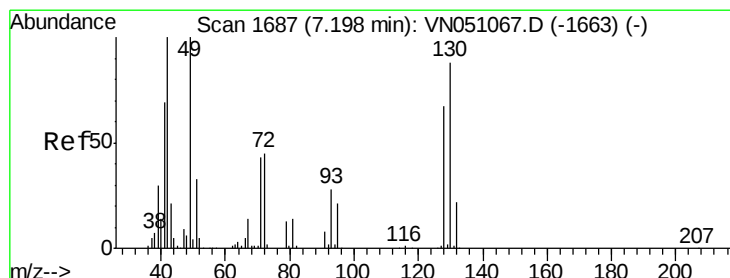
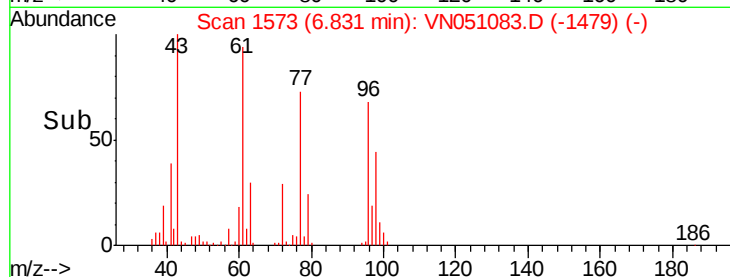
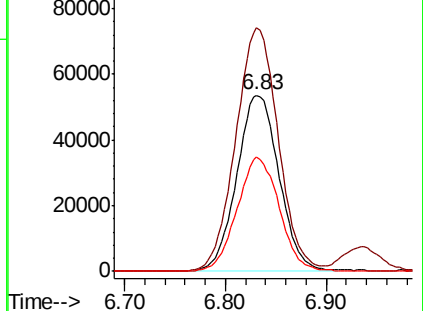
98 64.6 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN051067.D (-1549) (-)

Ion 60.90 (60.60 to 61.60): VN051067.D (-1549) (-)

Ion 97.90 (97.60 to 98.60): VN051067.D (-1549) (-)



#28

Bromochloromethane

Concen: 18.78 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

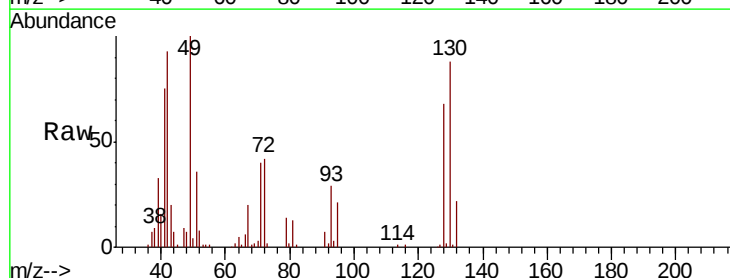
Tgt Ion: 49 Resp: 111427

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

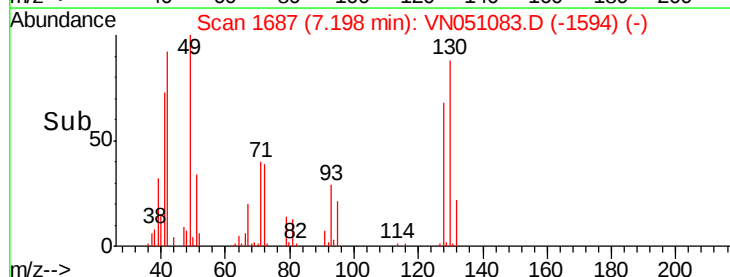
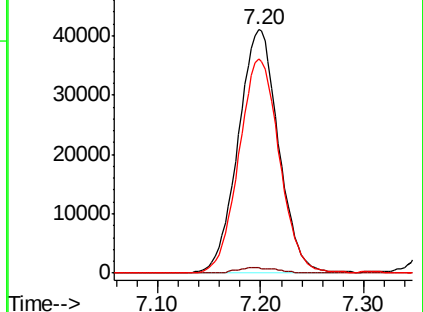
130 88.4 70.7 106.1

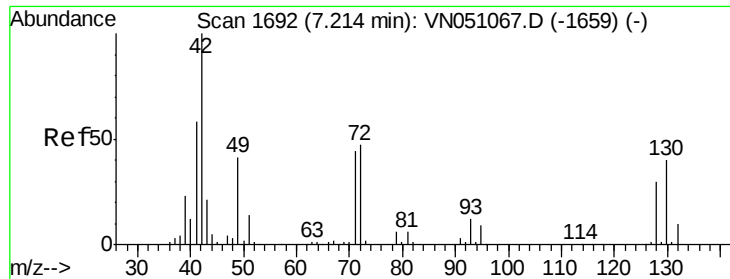


Abundance Ion 48.90 (48.60 to 49.60): VN051067.D (-1663) (-)

Ion 128.80 (128.50 to 129.50): VN051067.D (-1663) (-)

Ion 129.80 (129.50 to 130.50): VN051067.D (-1663) (-)





#29

Tetrahydrofuran

Concen: 101.27 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

Instrument :

MSVOA_N

ClientSampleId :

VN0910WBSD01

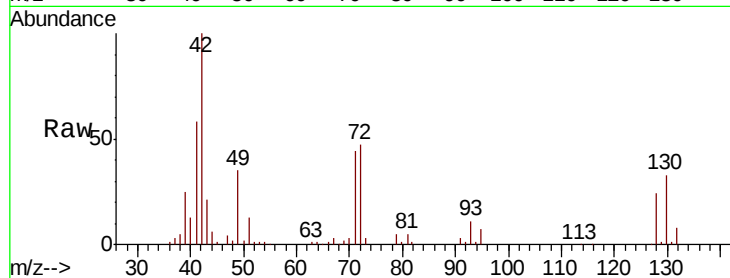
Tot Ion: 42 Resp: 180244

Ion Ratio Lower Upper

42 100

72 46.6 37.4 56.0

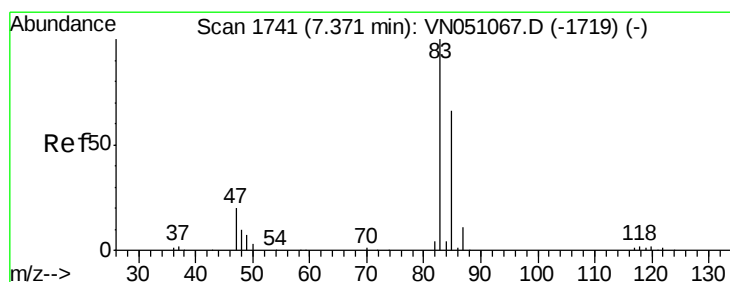
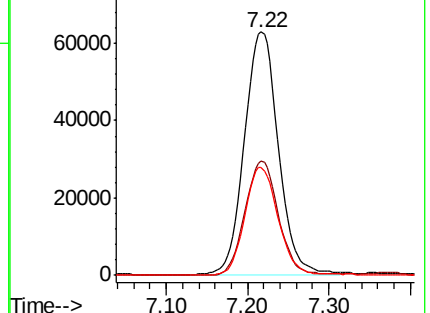
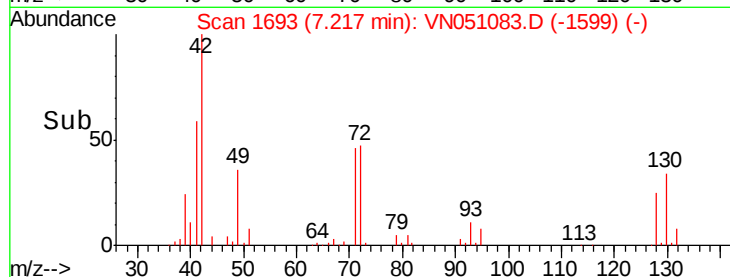
71 43.4 34.7 52.1



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: 19.51 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN051083.D

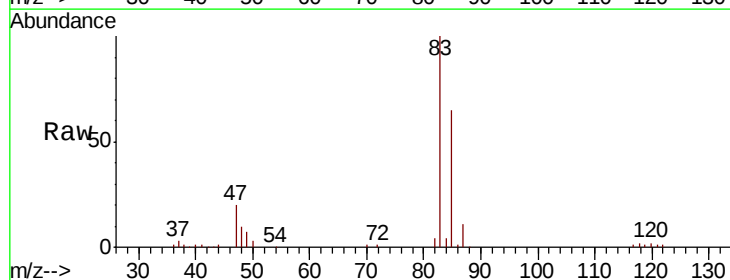
Acq: 10 Sep 2018 17:23

Tgt Ion: 83 Resp: 258758

Ion Ratio Lower Upper

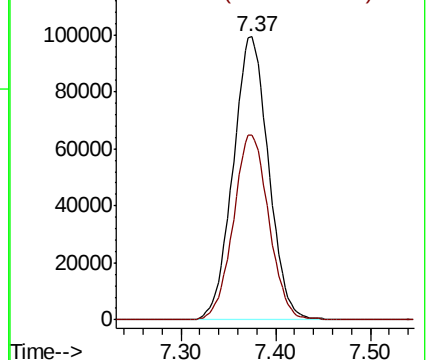
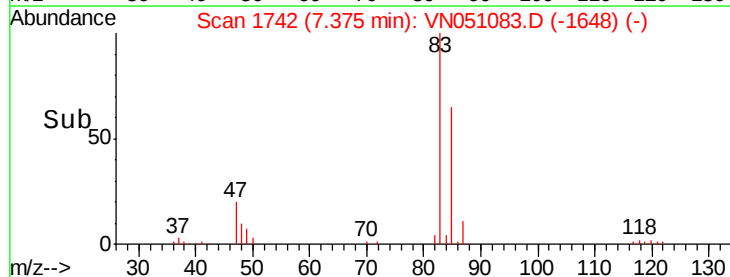
83 100

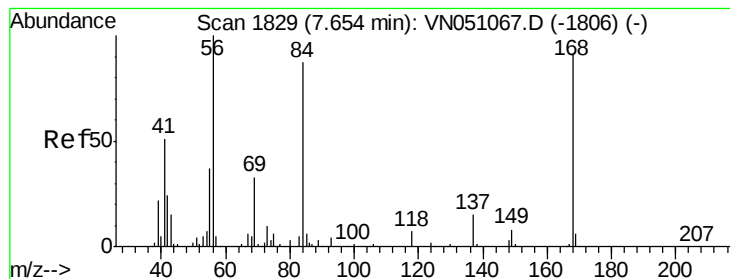
85 65.2 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 19.23 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

Instrument :

MSVOA_N

ClientSampled :

VN0910WBSD01

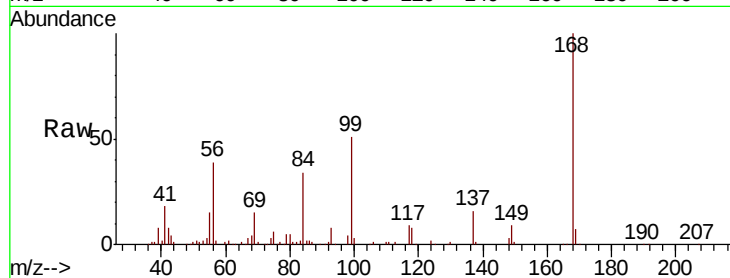
Tot Ion: 56 Resp: 230269

Ion Ratio Lower Upper

56 100

69 38.0 26.3 39.5

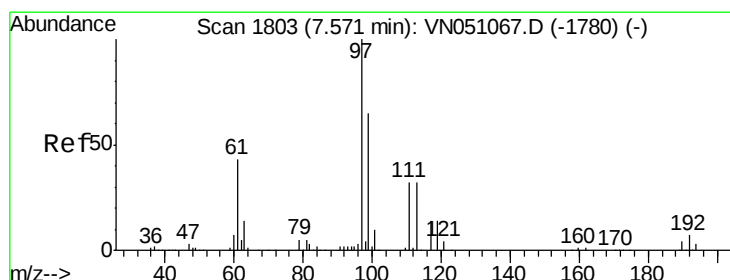
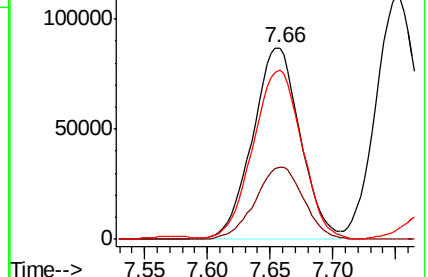
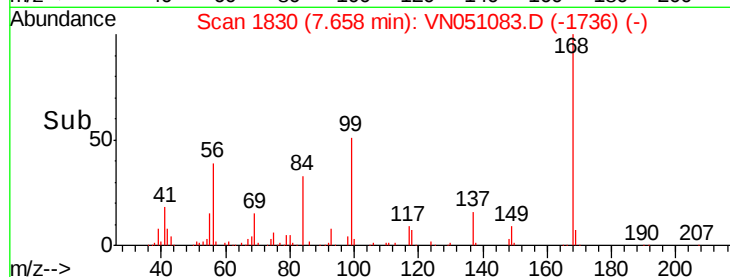
84 87.3 69.4 104.0



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: 19.45 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

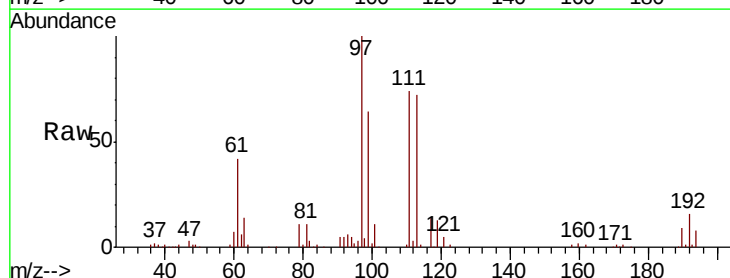
Tgt Ion: 97 Resp: 219832

Ion Ratio Lower Upper

97 100

99 64.0 51.6 77.4

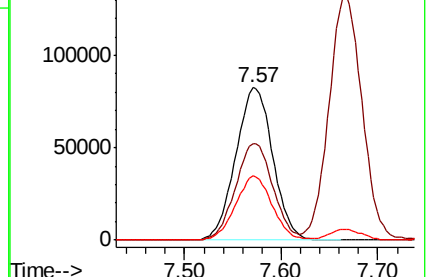
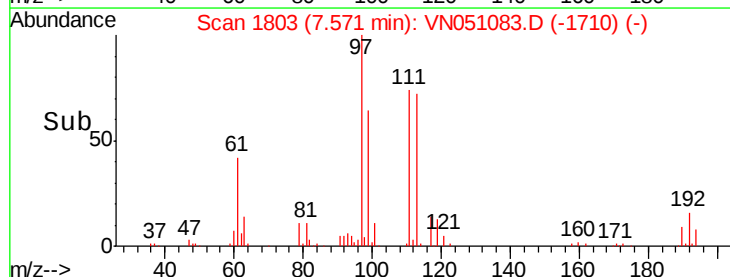
61 41.2 33.8 50.6

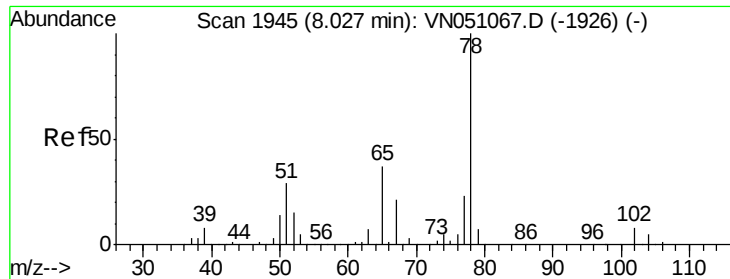


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

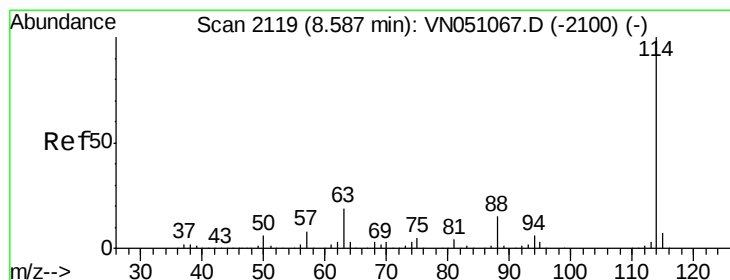
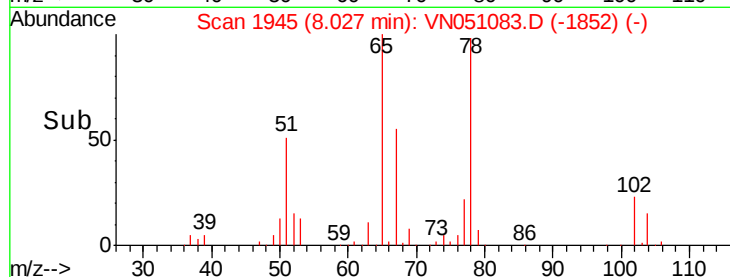
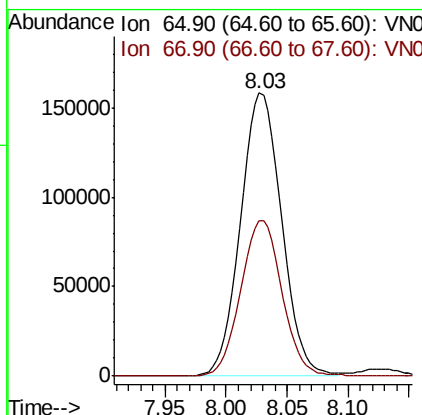
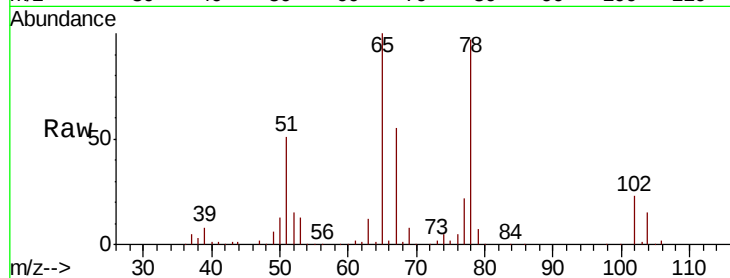




#33
 1,2-Dichloroethane-d4
 Concen: 50.94 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN051083.D
 Acq: 10 Sep 2018 17:23

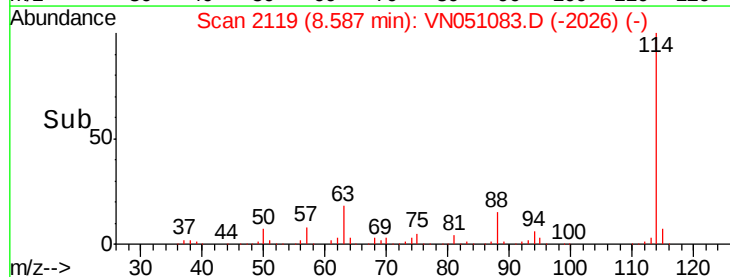
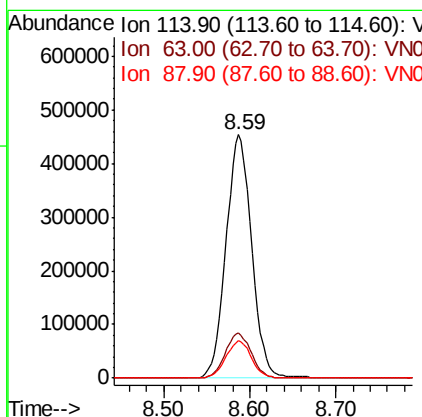
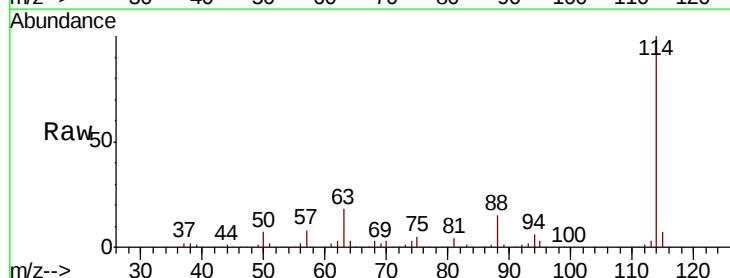
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910WBSD01

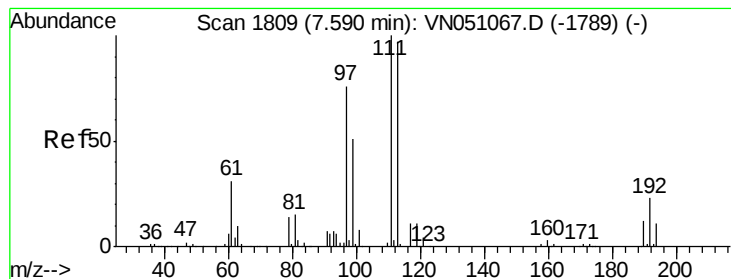
Tot Ion: 65 Resp: 369257
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051083.D
 Acq: 10 Sep 2018 17:23

Tgt Ion: 114 Resp: 939897
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 37.8
 88 15.2 0.0 30.8





#35

Dibromofluoromethane

Concen: 50.88 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

Instrument :

MSVOA_N

ClientSampleId :

VN0910WBSD01

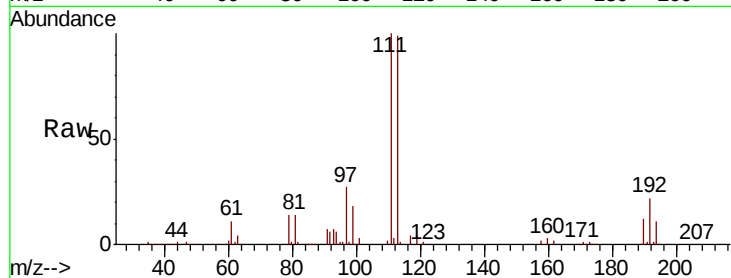
Tot Ion:113 Resp: 359361

Ion Ratio Lower Upper

113 100

111 101.6 83.0 124.6

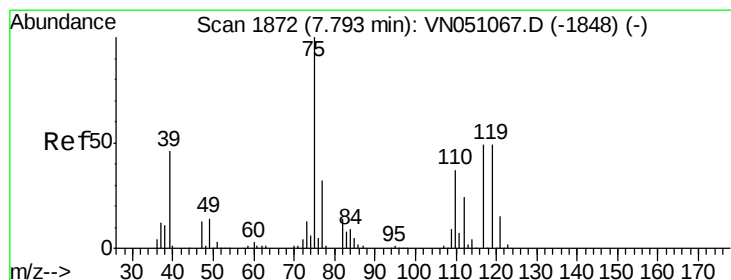
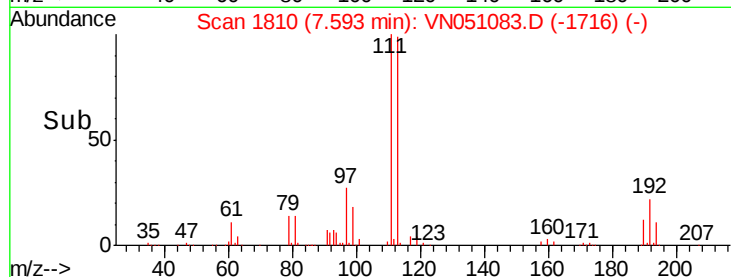
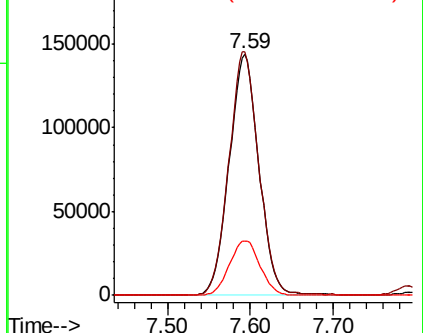
192 23.3 18.7 28.1



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: 18.96 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

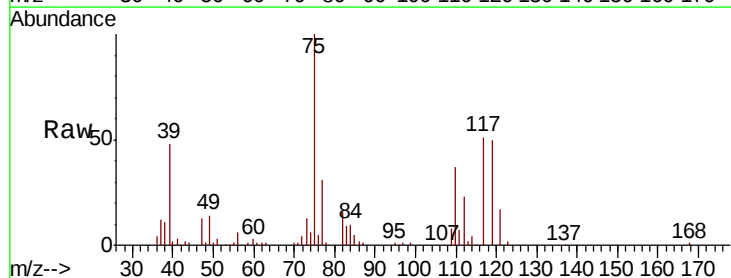
Tgt Ion: 75 Resp: 195604

Ion Ratio Lower Upper

75 100

110 36.7 18.6 55.8

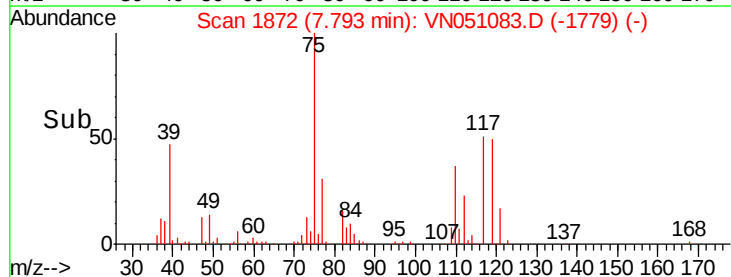
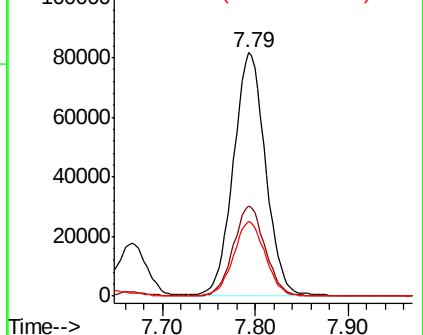
77 30.7 25.2 37.8

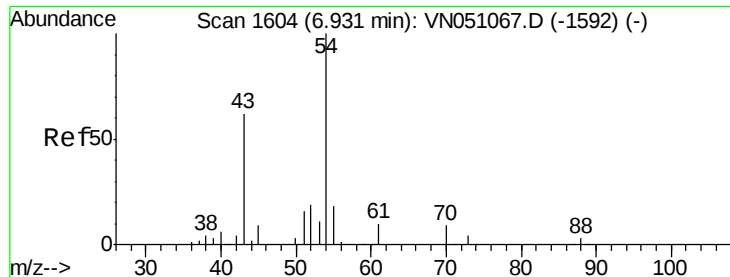


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

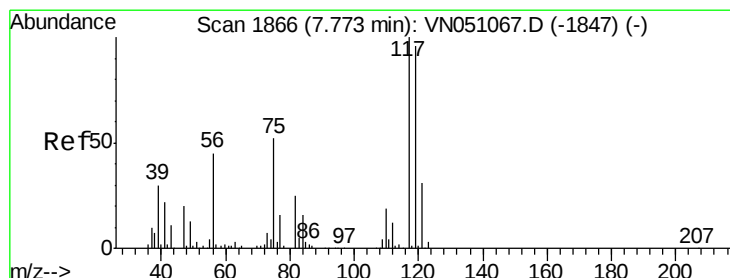
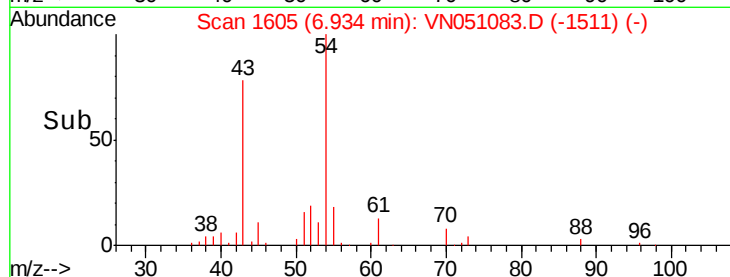
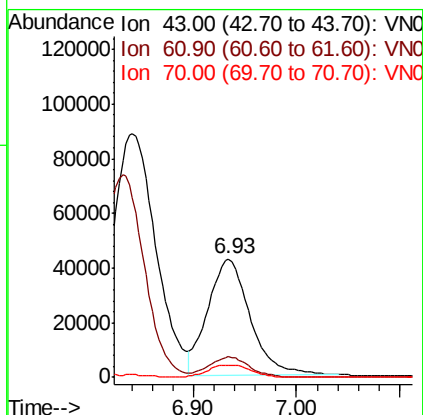
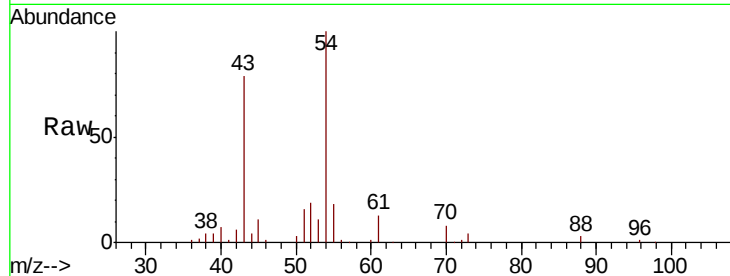




#37
Ethyl Acetate
Concen: 20.36 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN051083.D
Acq: 10 Sep 2018 17:23

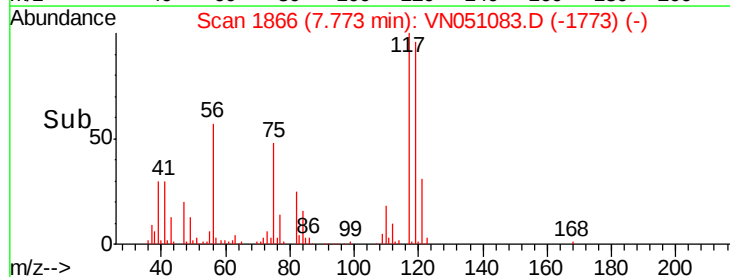
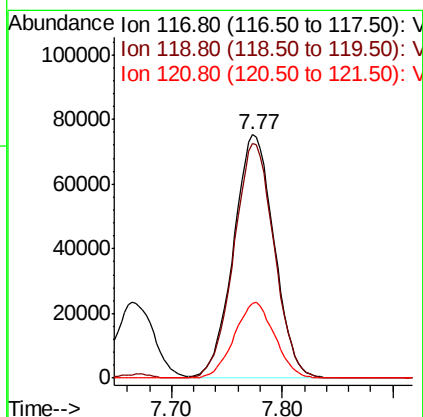
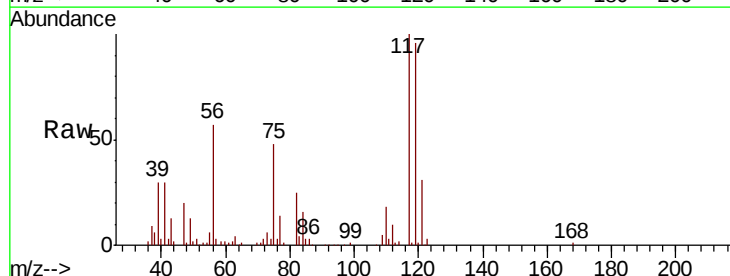
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBSD01

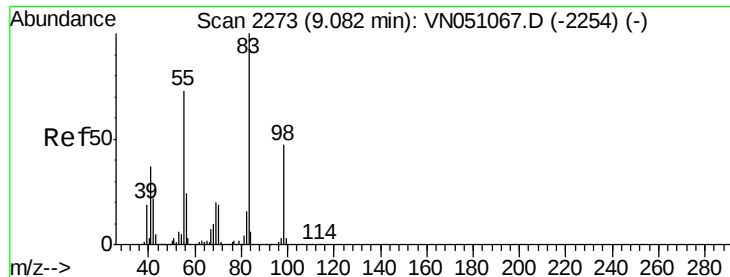
Tot Ion: 43 Resp: 121661
Ion Ratio Lower Upper
43 100
61 16.3 12.4 18.6
70 10.9 9.3 13.9



#38
Carbon Tetrachloride
Concen: 18.91 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN051083.D
Acq: 10 Sep 2018 17:23

Tgt Ion: 117 Resp: 192098
Ion Ratio Lower Upper
117 100
119 96.5 76.8 115.2
121 30.6 24.6 36.8

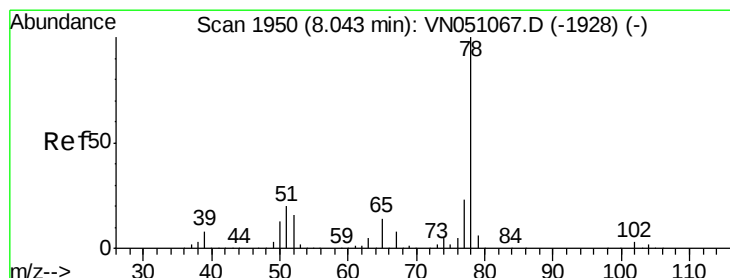
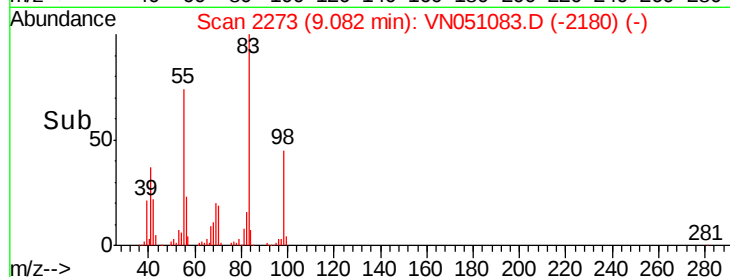
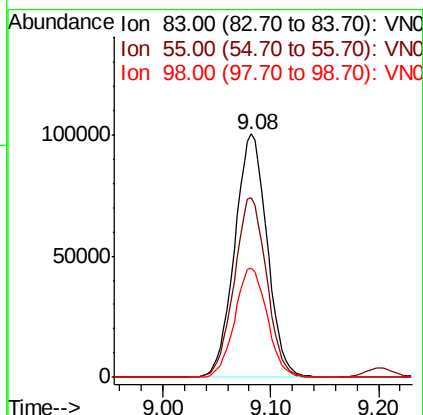
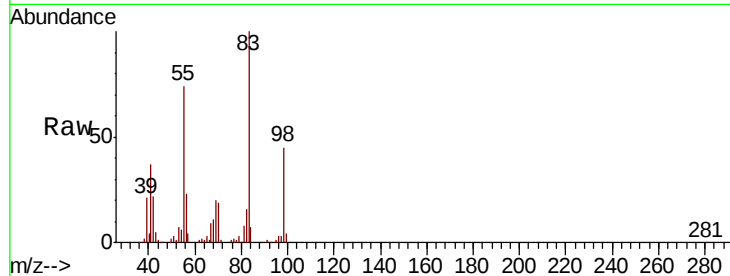




#39
Methvlcvclohexane
Concen: 18.46 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051083.D
Acq: 10 Sep 2018 17:23

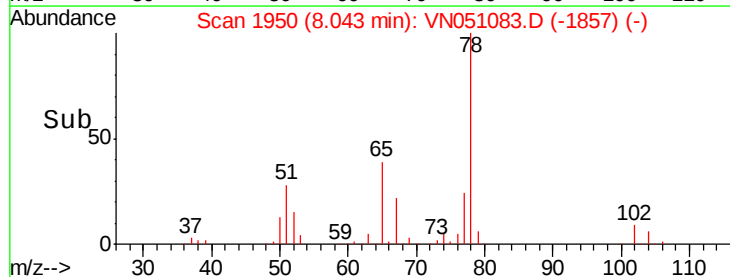
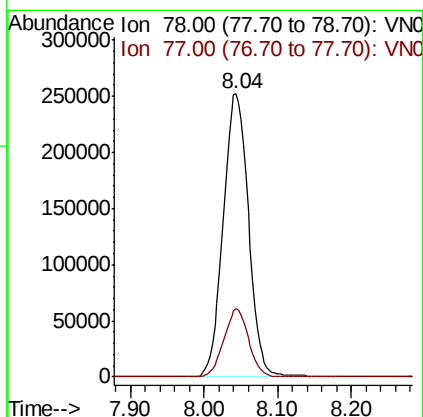
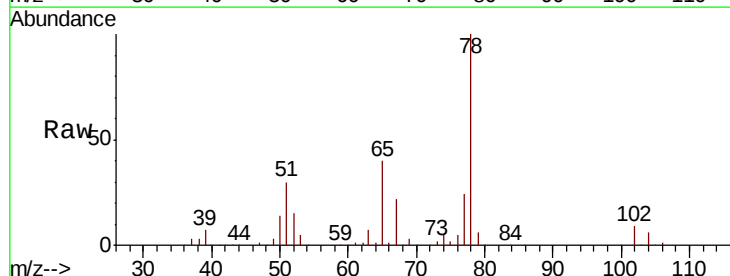
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBSD01

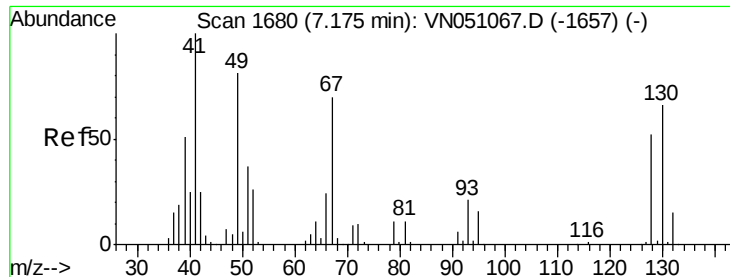
Tot Ion: 83 Resp: 210186
Ion Ratio Lower Upper
83 100
55 74.0 58.4 87.6
98 45.0 37.3 55.9



#40
Benzene
Concen: 19.37 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN051083.D
Acq: 10 Sep 2018 17:23

Tgt Ion: 78 Resp: 602288
Ion Ratio Lower Upper
78 100
77 24.2 18.6 27.8

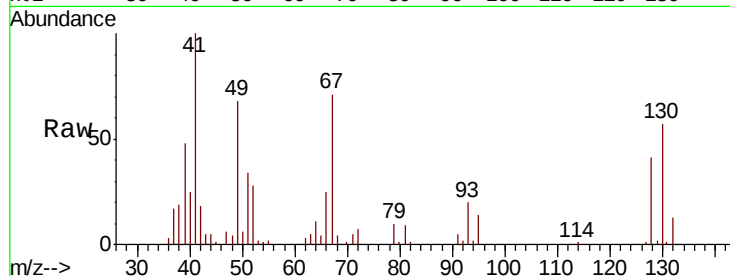




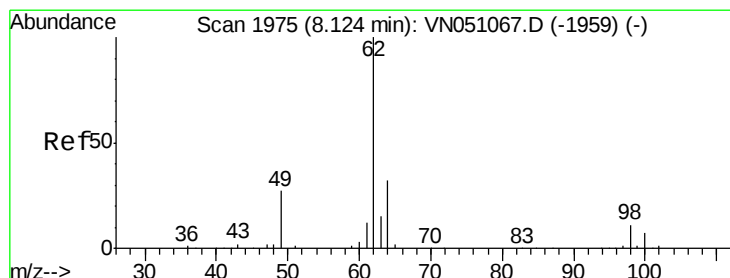
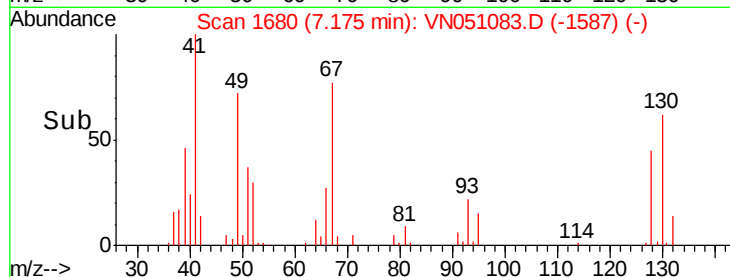
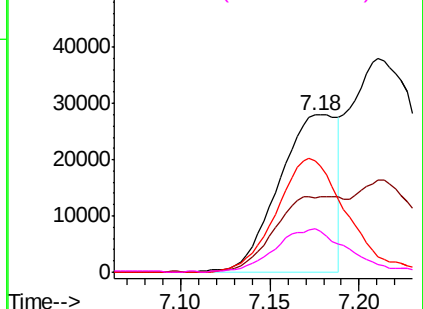
#41
Methacrylonitrile
Concen: 20.57 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN051083.D
Acq: 10 Sep 2018 17:23

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBSD01

Tot Ion: 41 Resp: 63432
Ion Ratio Lower Upper
41 100
39 34.9 51.3 76.9#
67 87.2 78.5 117.7
52 34.8 29.0 43.6

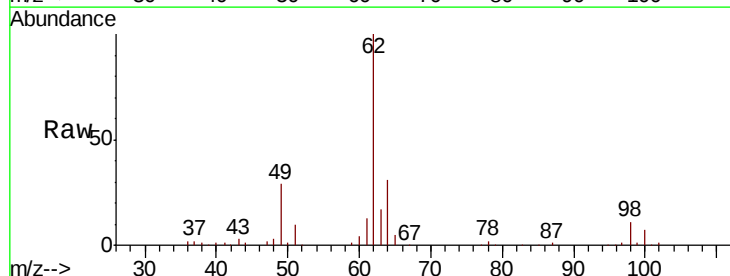


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

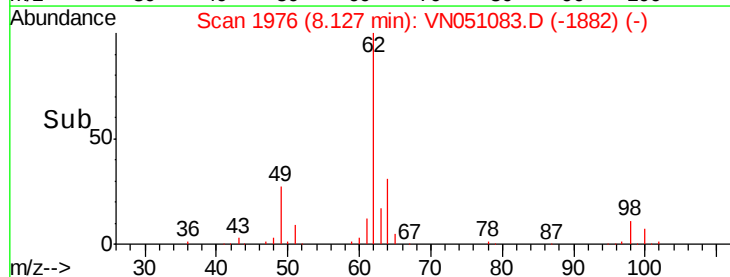
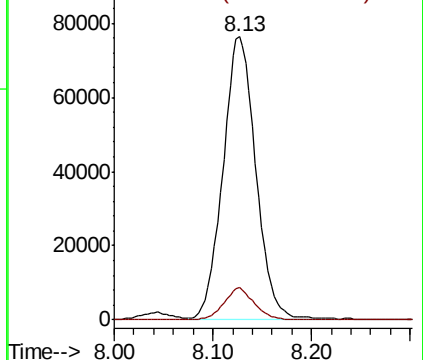


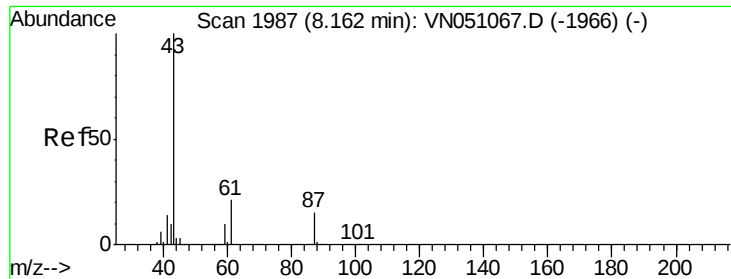
#42
1,2-Dichloroethane
Concen: 19.51 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN051083.D
Acq: 10 Sep 2018 17:23

Tgt Ion: 62 Resp: 176793
Ion Ratio Lower Upper
62 100
98 10.5 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 19.74 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

Instrument :

MSVOA_N

ClientSampleId :

VN0910WBSD01

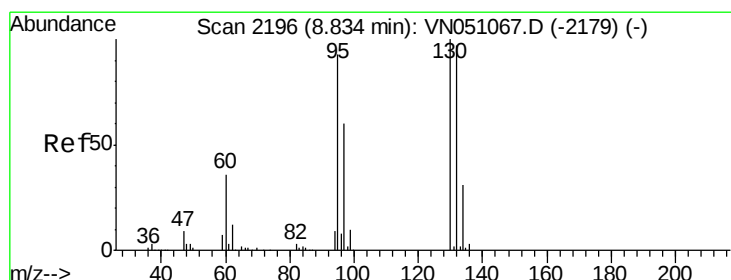
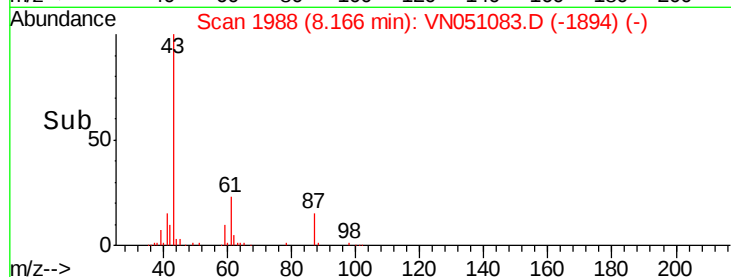
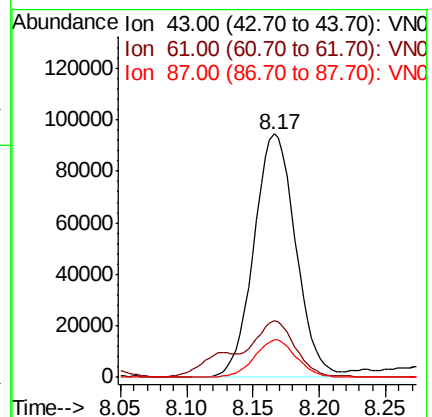
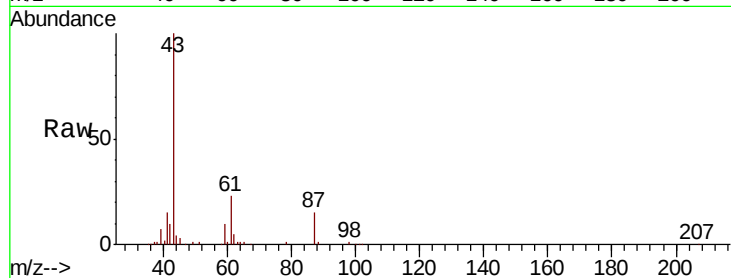
Tot Ion: 43 Resp: 208180

Ion Ratio Lower Upper

43 100

61 22.5 25.0 37.6#

87 15.3 11.8 17.8



#44

Trichloroethene

Concen: 18.90 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN051083.D

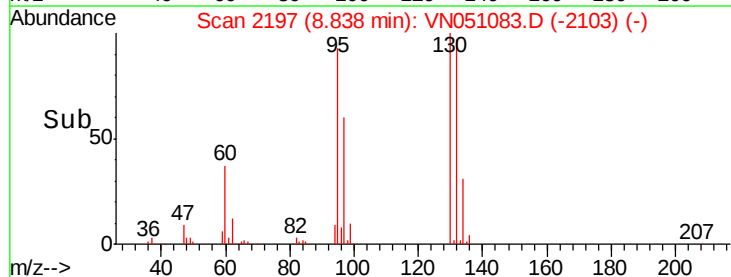
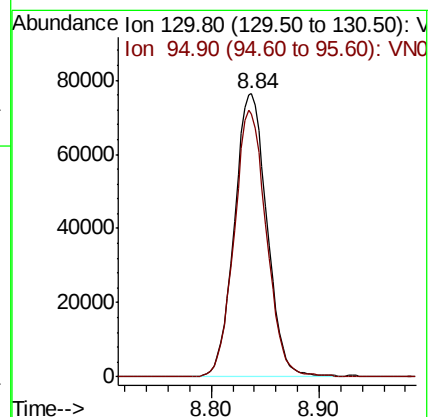
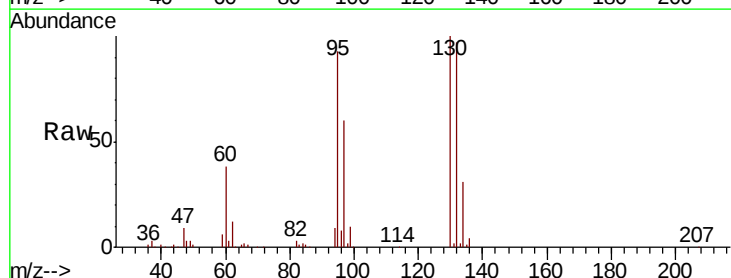
Acq: 10 Sep 2018 17:23

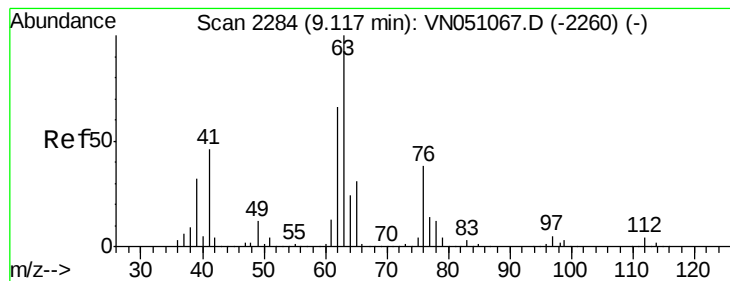
Tgt Ion:130 Resp: 160770

Ion Ratio Lower Upper

130 100

95 93.0 0.0 186.2





#45

1,2-Dichloropropane

Concen: 19.50 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

Instrument :

MSVOA_N

ClientSampleId :

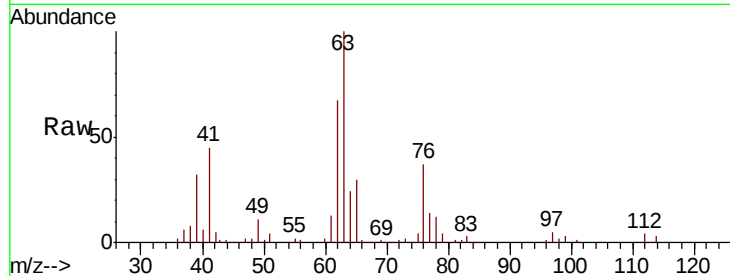
VN0910WBSD01

Tot Ion: 63 Resp: 156676

Ion Ratio Lower Upper

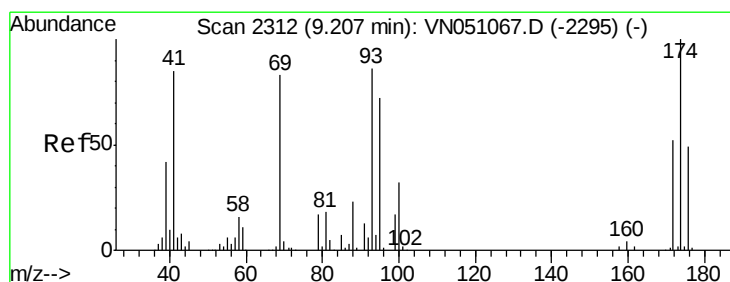
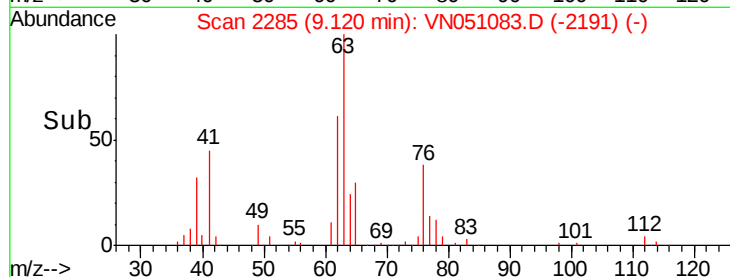
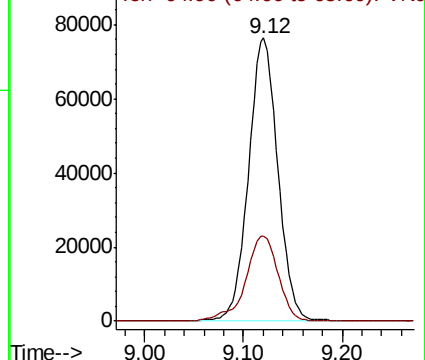
63 100

65 30.2 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.02 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

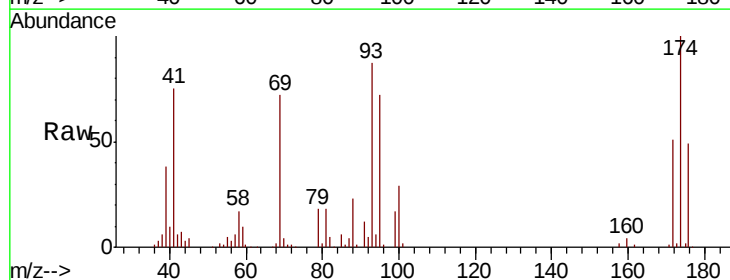
Tgt Ion: 93 Resp: 93261

Ion Ratio Lower Upper

93 100

95 84.7 66.8 100.2

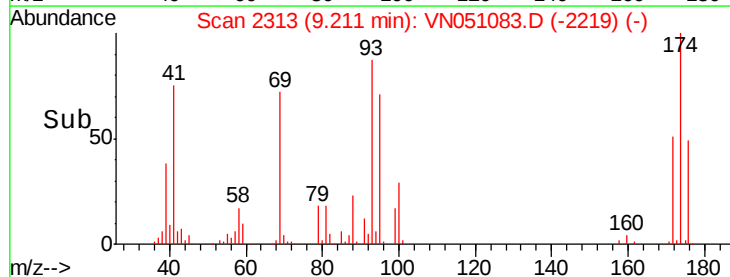
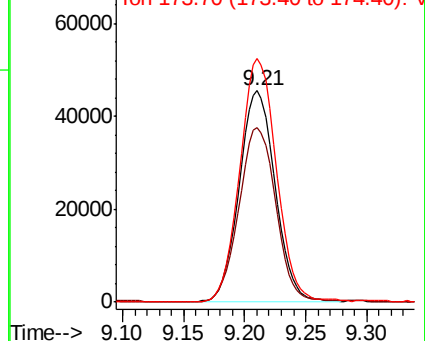
174 117.0 93.3 139.9



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.25 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

Instrument :

MSVOA_N

ClientSampleId :

VN0910WBSD01

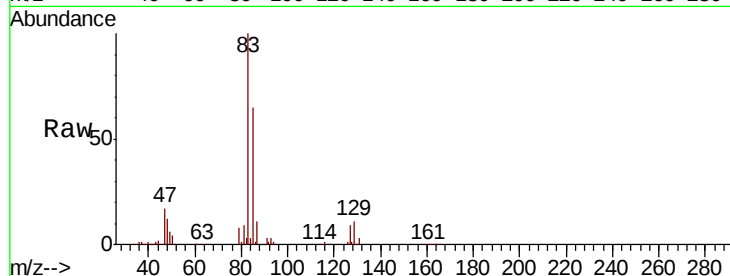
Tot Ion: 83 Resp: 191874

Ion Ratio Lower Upper

83 100

85 65.1 52.3 78.5

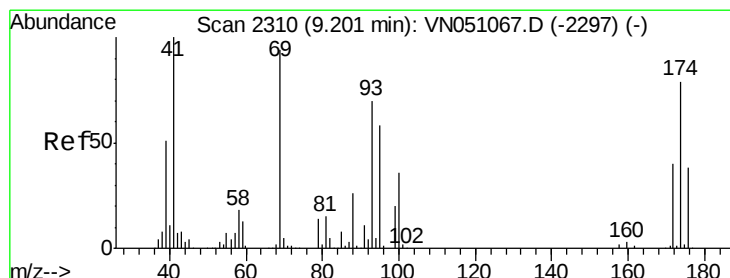
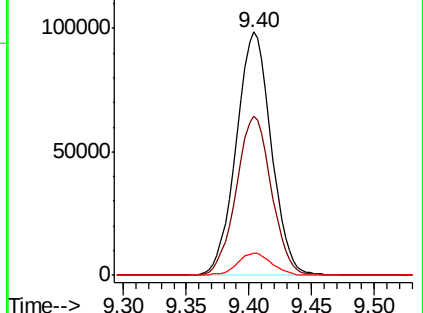
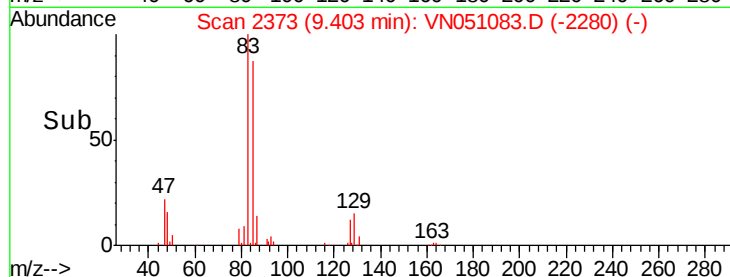
127 9.2 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VN051083.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN051083.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN051083.D (-2280) (-)



#48

Methyl methacrylate

Concen: 19.96 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

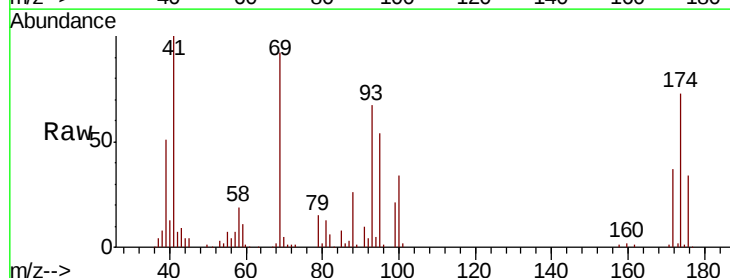
Tgt Ion: 41 Resp: 102574

Ion Ratio Lower Upper

41 100

69 93.2 77.7 116.5

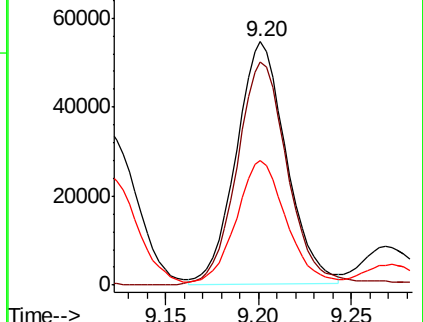
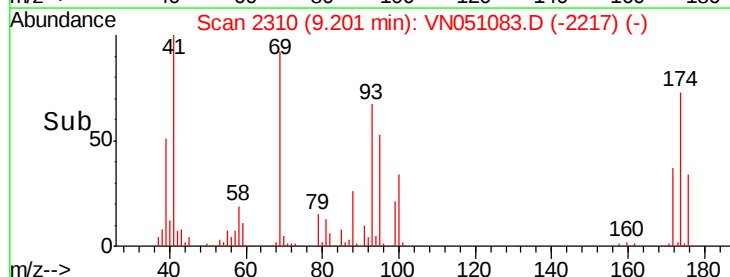
39 50.3 41.6 62.4

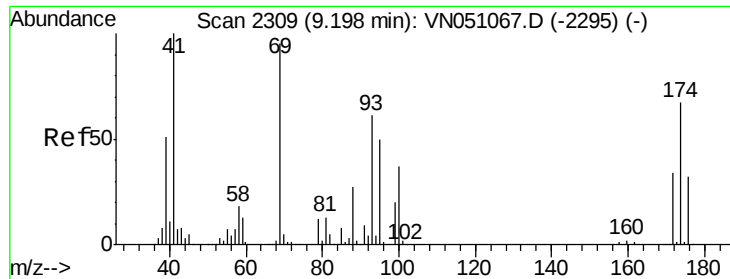


Abundance Ion 41.00 (40.70 to 41.70): VN051083.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN051083.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN051083.D (-2217) (-)





#49

1,4-Dioxane

Concen: 401.33 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

Instrument :

MSVOA_N

ClientSampleId :

VN0910WBSD01

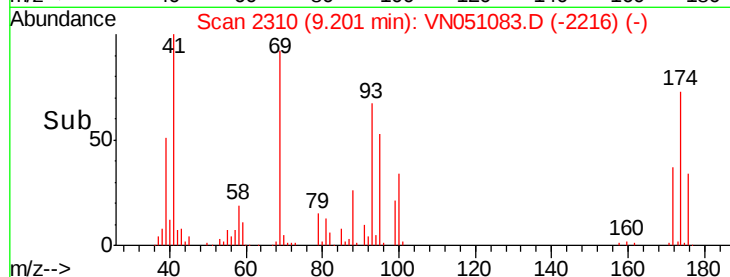
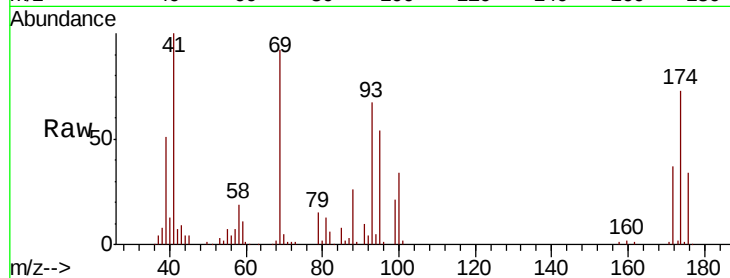
Tot Ion: 88 Resp: 32342

Ion Ratio Lower Upper

88 100

43 29.3 23.7 35.5

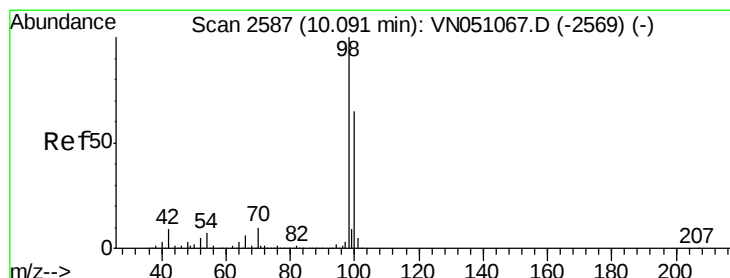
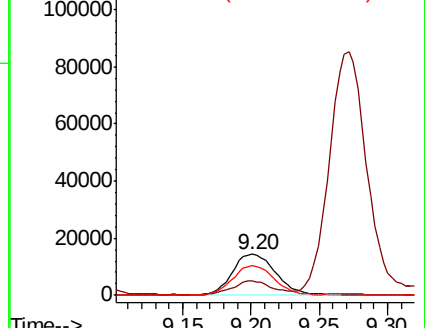
58 68.8 54.6 82.0



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: 50.14 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051083.D

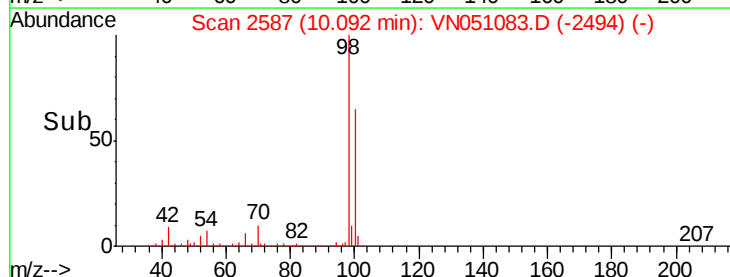
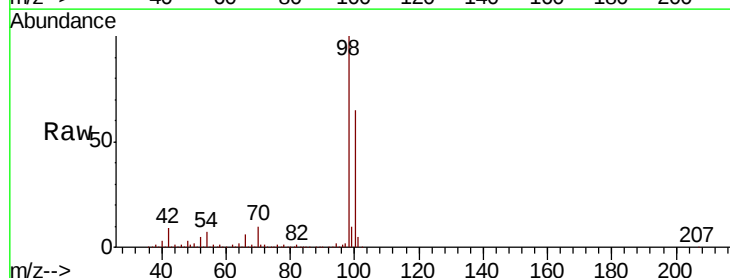
Acq: 10 Sep 2018 17:23

Tgt Ion: 98 Resp: 1343711

Ion Ratio Lower Upper

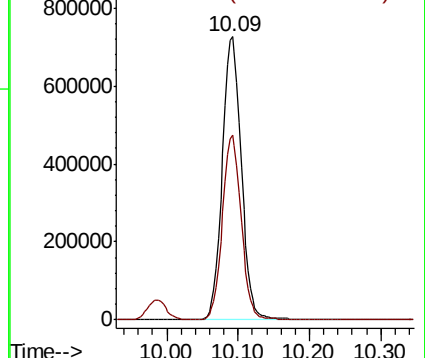
98 100

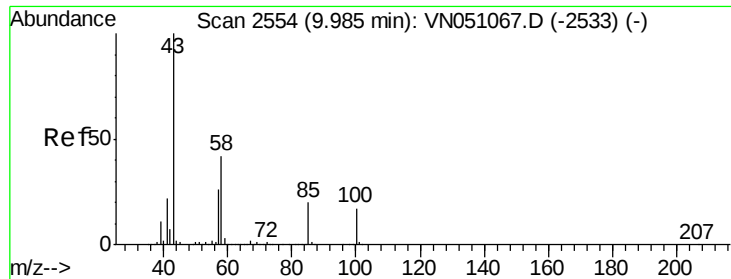
100 64.7 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

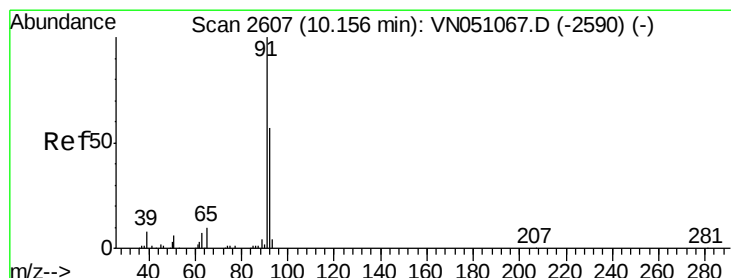
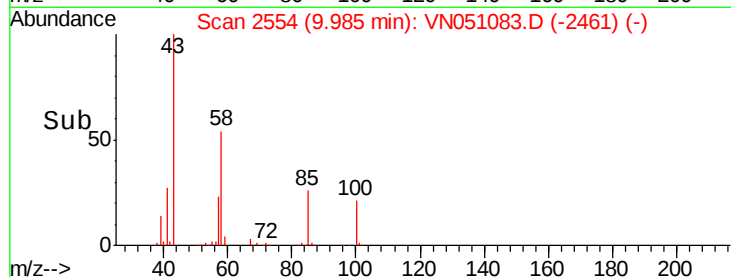
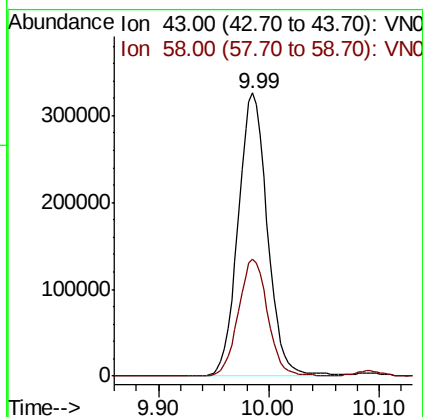
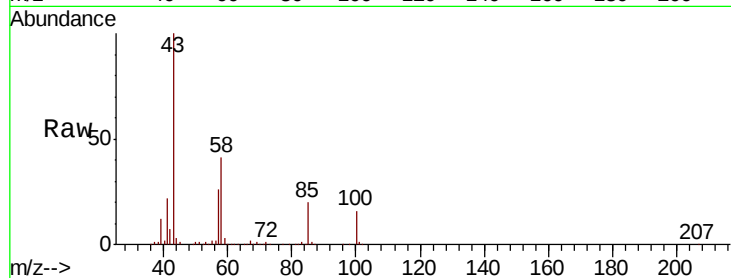




#51
4-Methyl-2-Pentanone
Concen: 102.41 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN051083.D
Acq: 10 Sep 2018 17:23

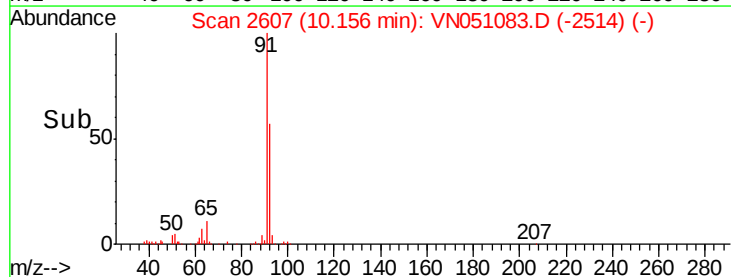
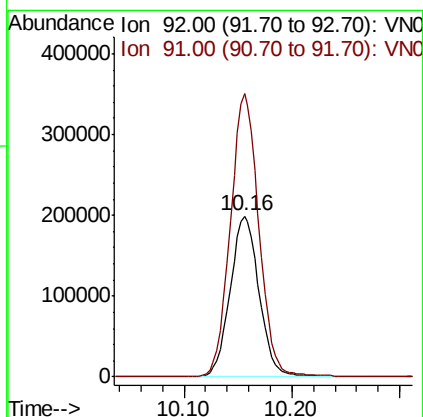
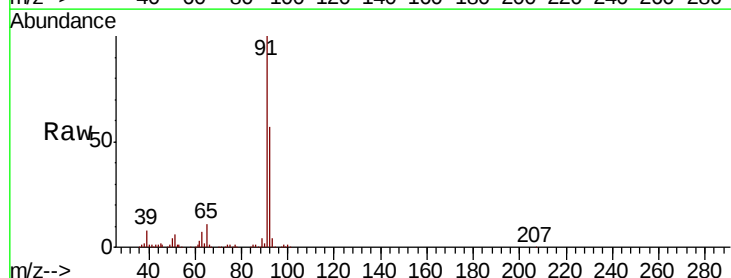
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBSD01

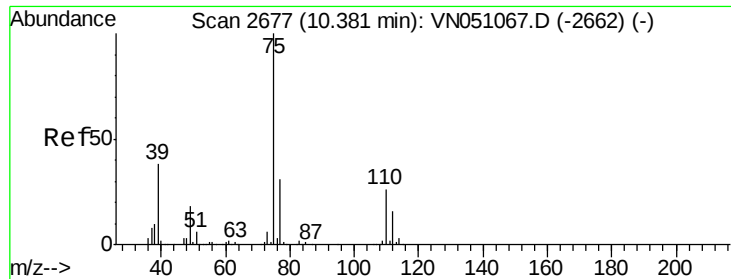
Tot Ion: 43 Resp: 597244
Ion Ratio Lower Upper
43 100
58 41.7 33.5 50.3



#52
Toluene
Concen: 19.64 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN051083.D
Acq: 10 Sep 2018 17:23

Tgt Ion: 92 Resp: 372305
Ion Ratio Lower Upper
92 100
91 173.9 139.5 209.3





#53

t-1,3-Dichloropropene

Concen: 18.60 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

Instrument :

MSVOA_N

ClientSampleId :

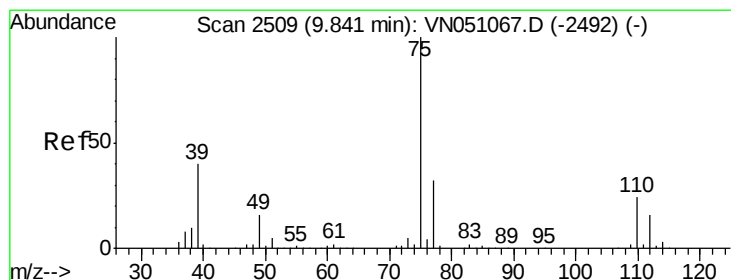
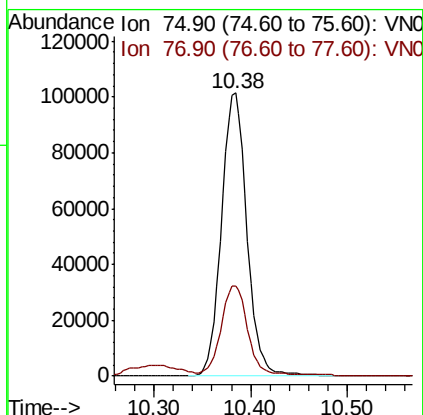
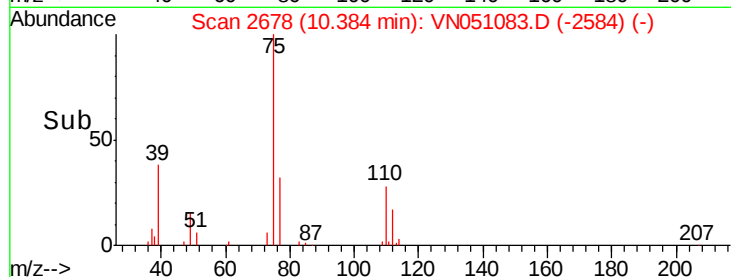
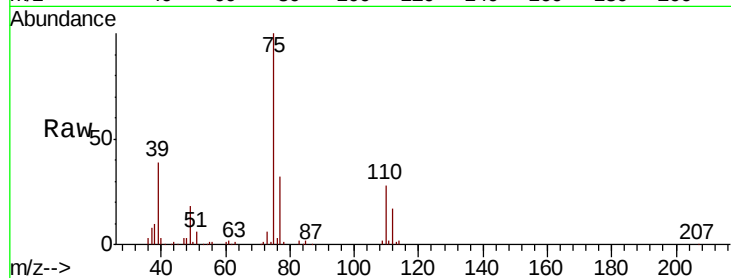
VN0910WBSD01

Tot Ion: 75 Resp: 185572

Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 18.79 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

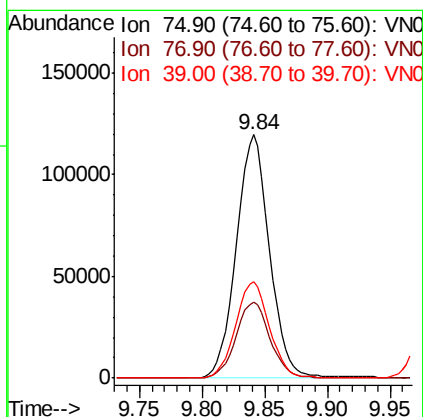
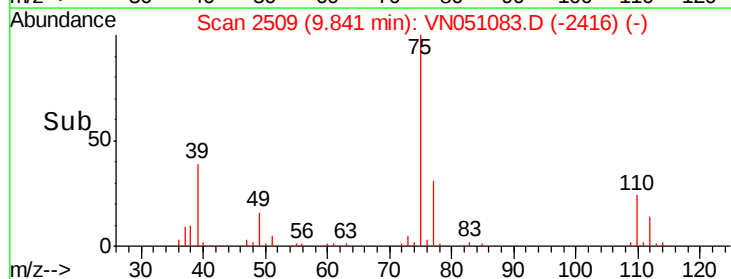
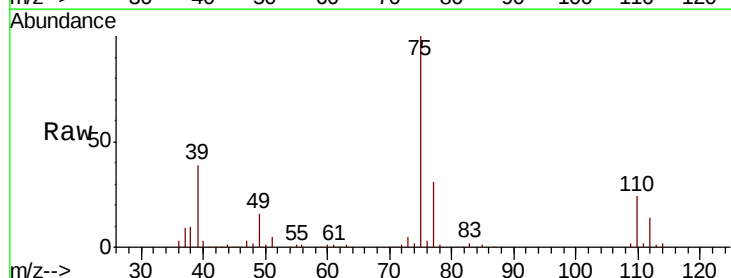
Tgt Ion: 75 Resp: 219848

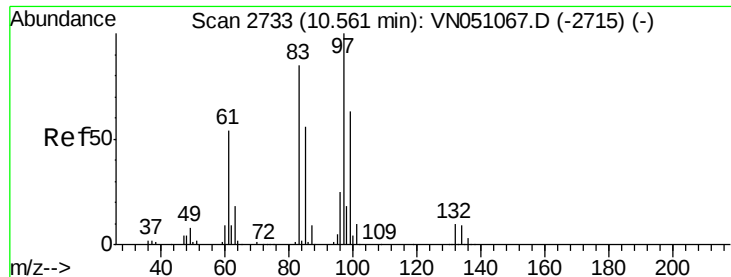
Ion Ratio Lower Upper

75 100

77 31.1 25.7 38.5

39 39.5 31.9 47.9





#55

1,1,2-Trichloroethane

Concen: 19.69 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

Instrument :

MSVOA_N

ClientSampleId :

VN0910WBSD01

Tot Ion: 97 Resp: 135634

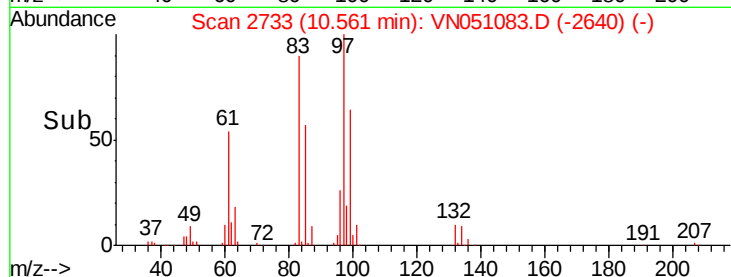
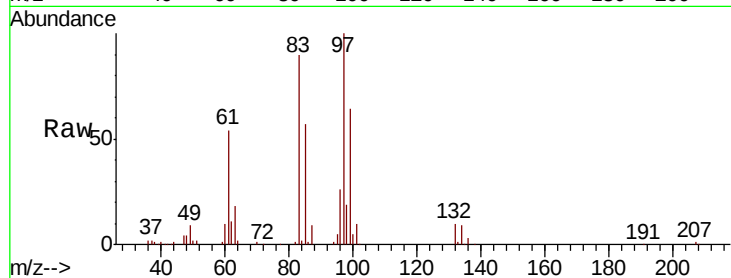
Ion	Ratio	Lower	Upper
97	100		
83	89.6	68.2	102.2
85	57.2	44.8	67.2
99	64.3	50.2	75.4

97 100

83 89.6 68.2 102.2

85 57.2 44.8 67.2

99 64.3 50.2 75.4

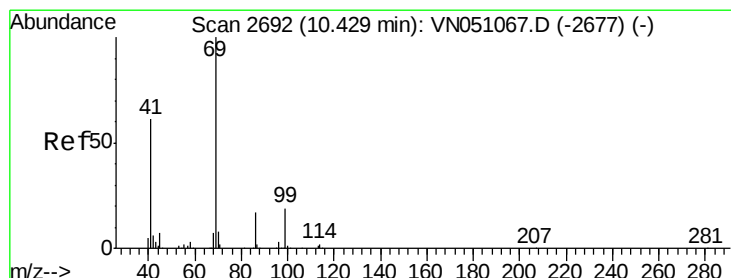
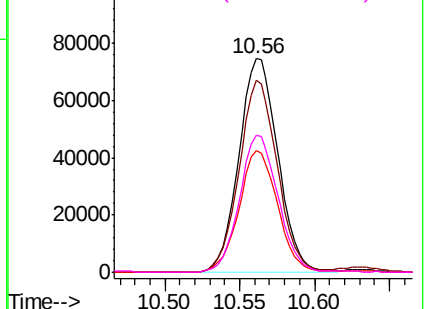


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.18 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

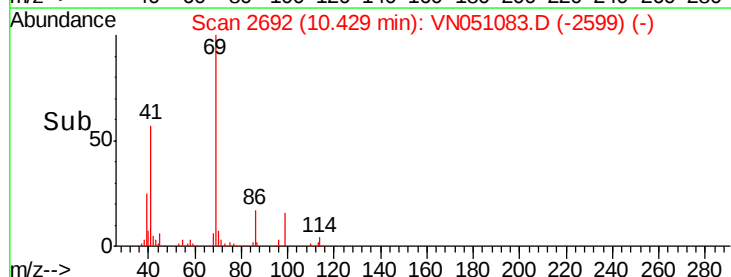
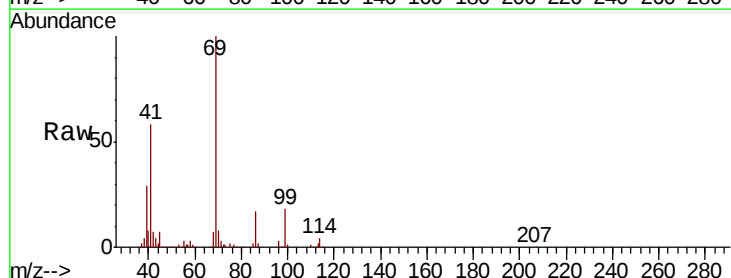
Tgt Ion: 69 Resp: 162595

Ion	Ratio	Lower	Upper
69	100		
41	59.1	47.8	71.8
39	29.4	23.0	34.4

69 100

41 59.1 47.8 71.8

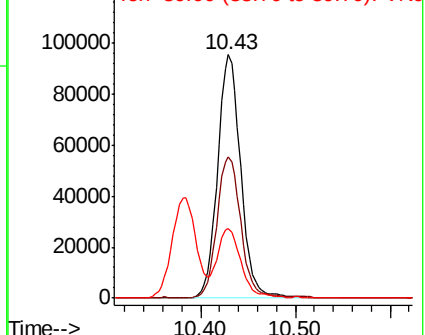
39 29.4 23.0 34.4



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

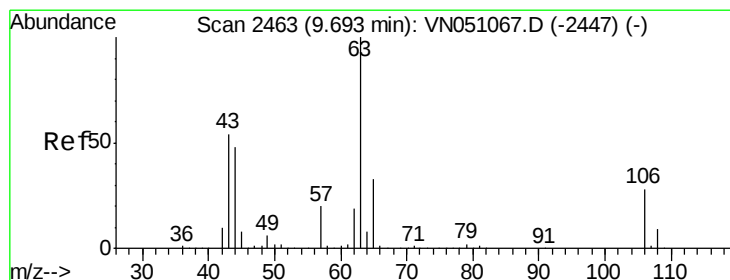
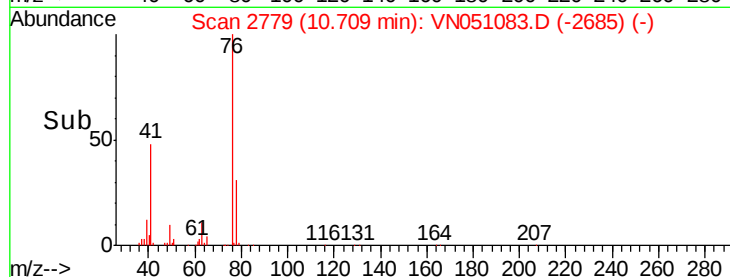
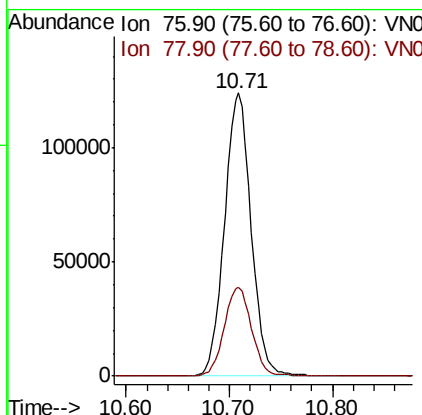
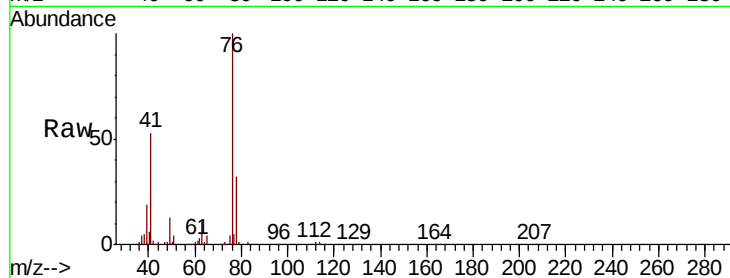




#57
 1,3-Dichloropropane
 Concen: 19.49 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN051083.D
 Acq: 10 Sep 2018 17:23

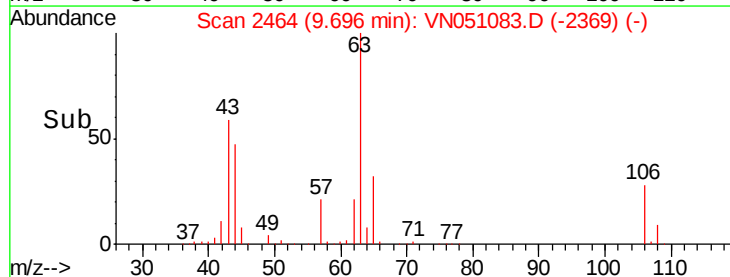
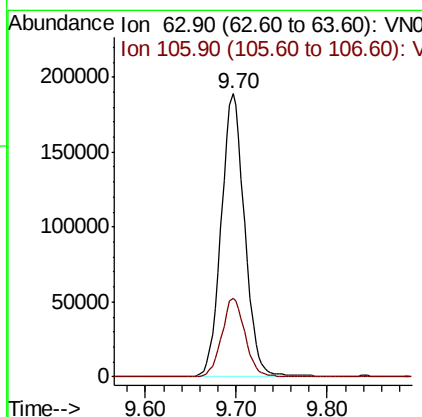
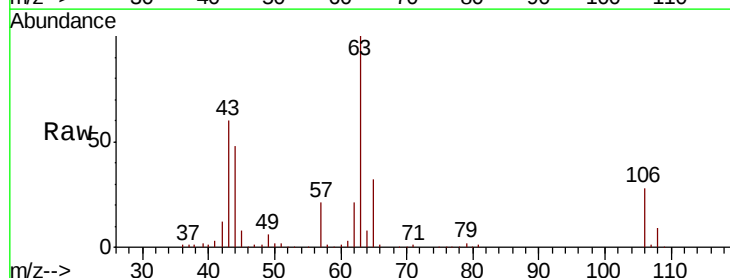
Instrument :
 MSVOA_N
 ClientSampled :
 VN0910WBSD01

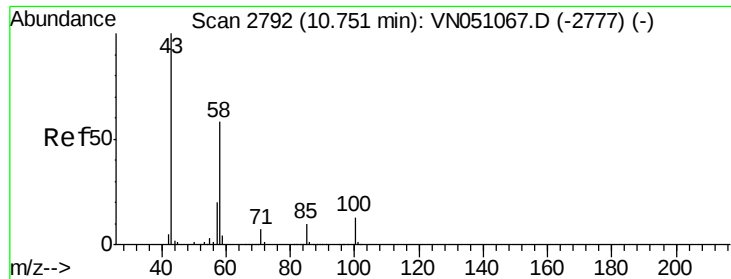
Tot Ion: 76 Resp: 222579
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.15 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN051083.D
 Acq: 10 Sep 2018 17:23

Tgt Ion: 63 Resp: 338972
 Ion Ratio Lower Upper
 63 100
 106 27.5 22.5 33.7

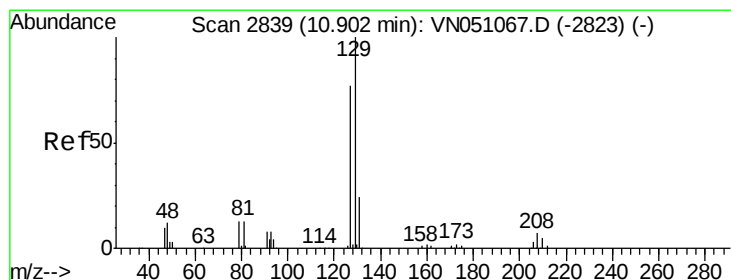
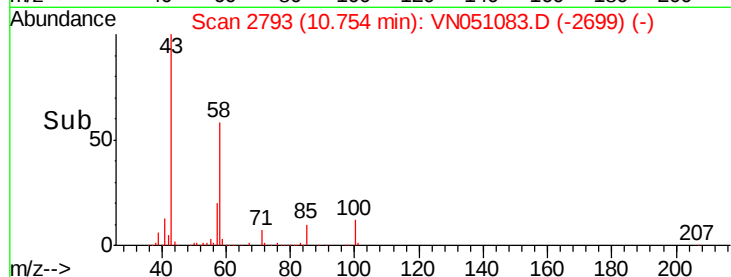
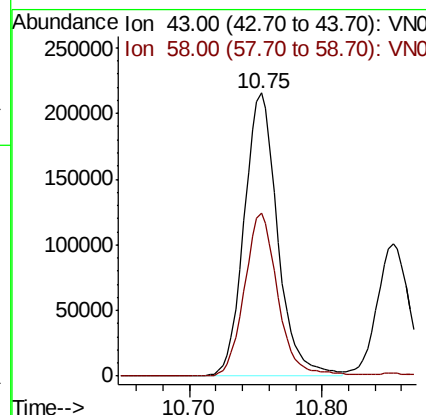
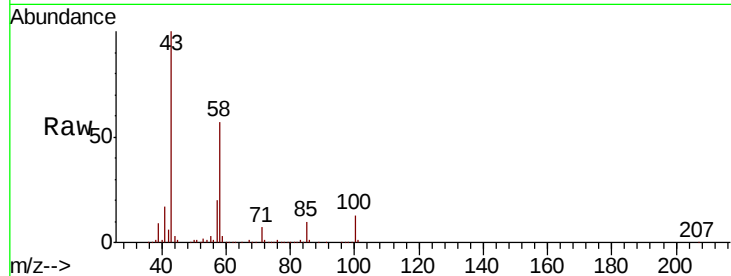




#59
2-Hexanone
Concen: 95.28 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051083.D
Acq: 10 Sep 2018 17:23

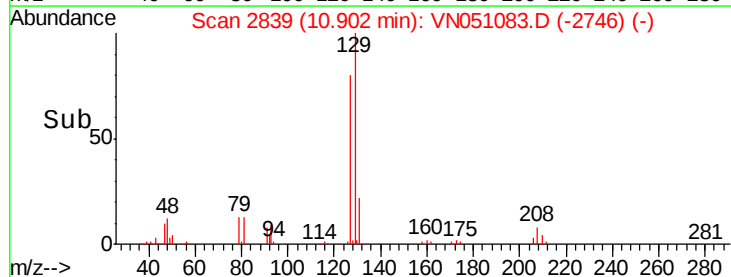
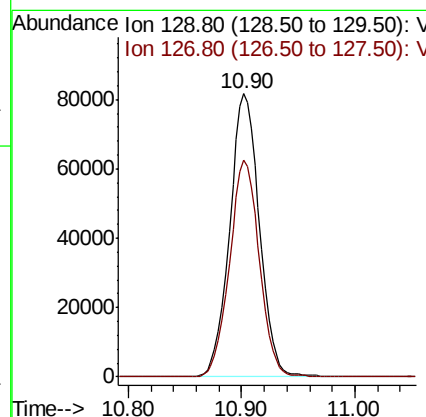
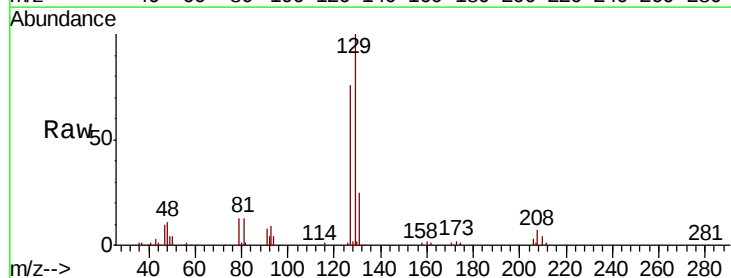
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBSD01

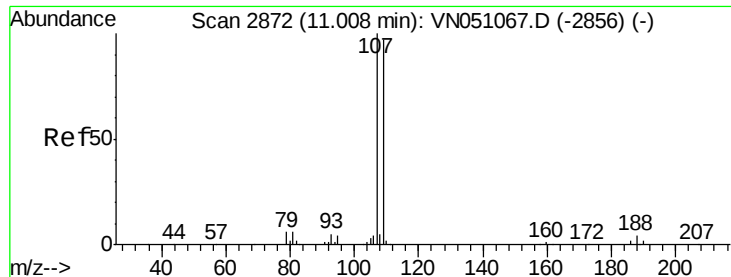
Tot Ion: 43 Resp: 376832
Ion Ratio Lower Upper
43 100
58 57.7 29.3 88.0



#60
Dibromochloromethane
Concen: 19.20 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN051083.D
Acq: 10 Sep 2018 17:23

Tgt Ion: 129 Resp: 149086
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.36 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

Instrument :

MSVOA_N

ClientSampleId :

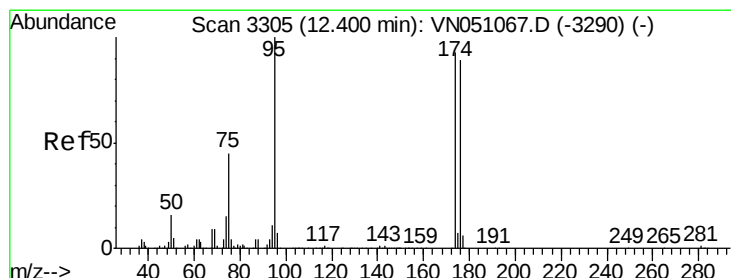
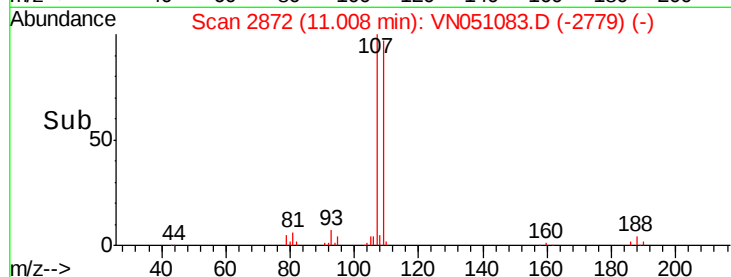
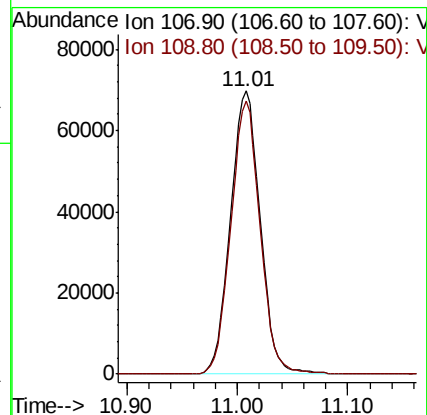
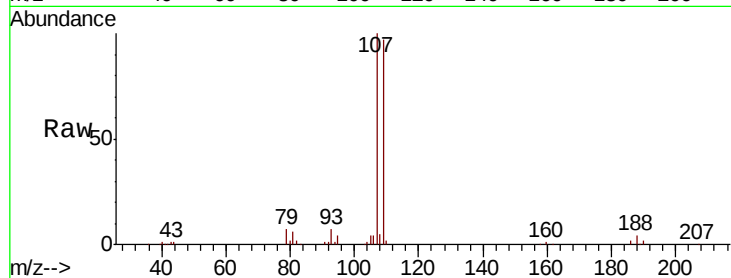
VN0910WBSD01

Tot Ion:107 Resp: 130349

Ion Ratio Lower Upper

107 100

109 95.1 76.0 114.0



#62

4-Bromofluorobenzene

Concen: 48.50 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

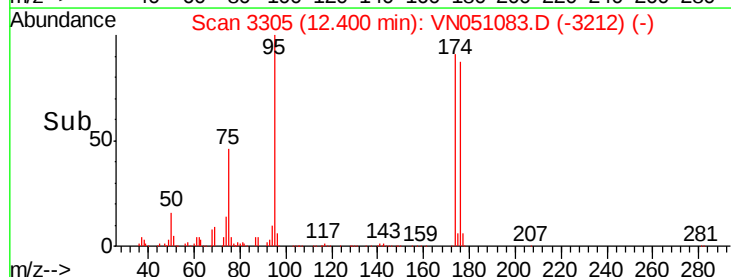
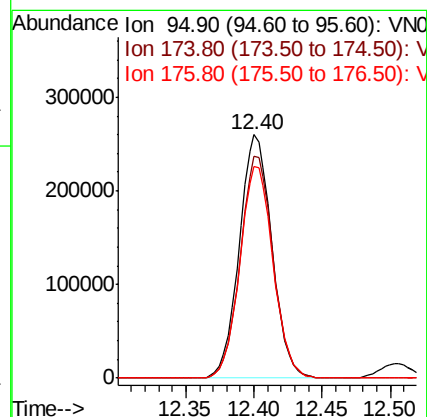
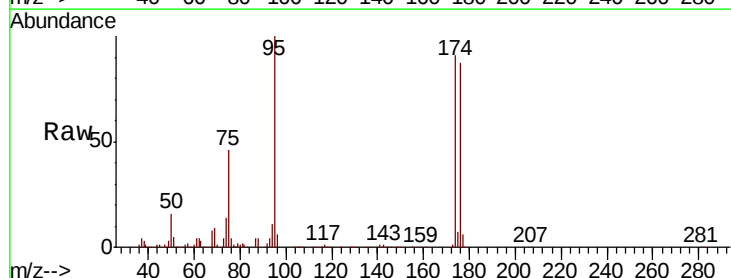
Tgt Ion: 95 Resp: 429959

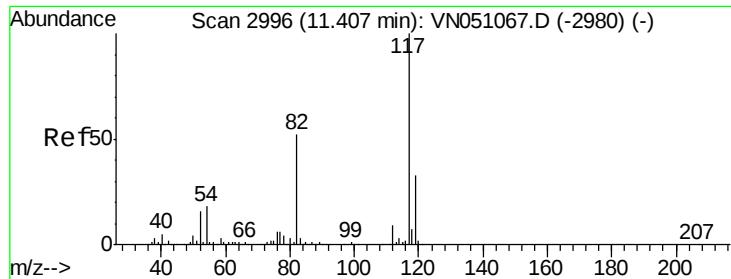
Ion Ratio Lower Upper

95 100

174 91.9 0.0 184.8

176 88.9 0.0 178.6

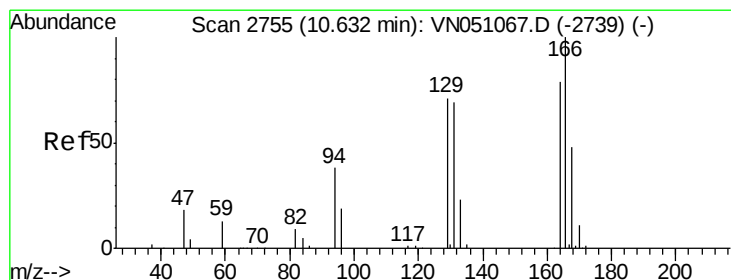
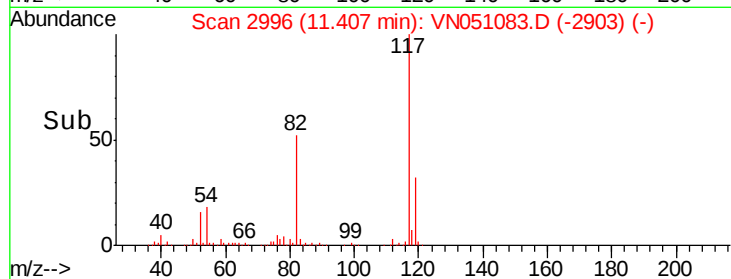
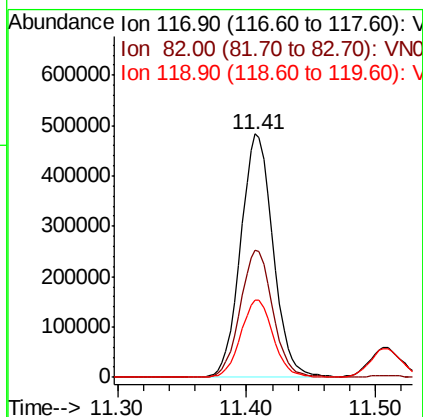
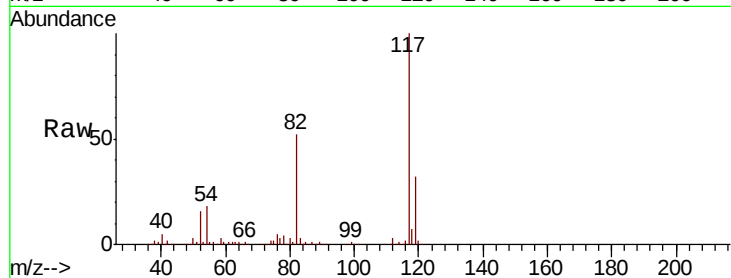




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051083.D
Acq: 10 Sep 2018 17:23

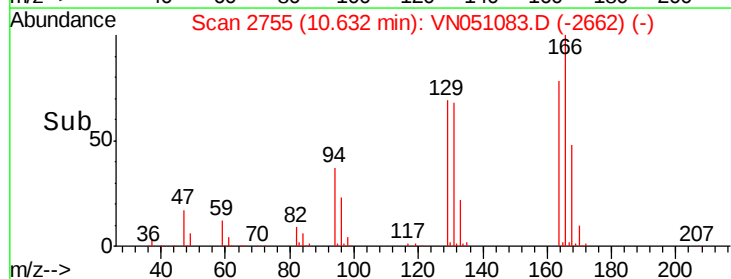
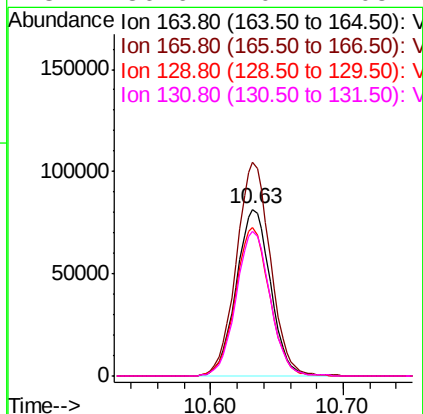
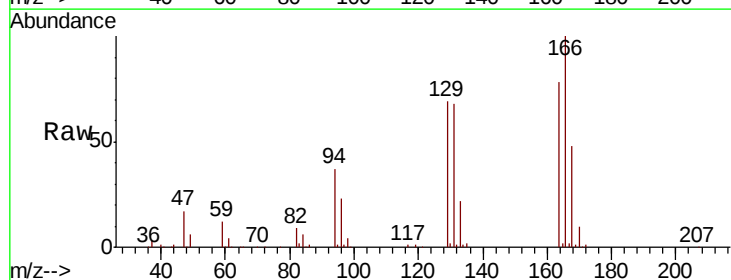
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBSD01

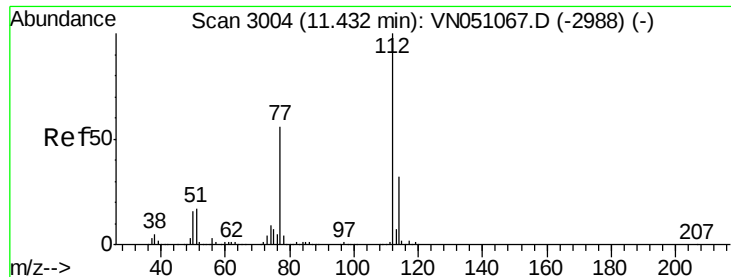
Tot Ion:117 Resp: 844669
Ion Ratio Lower Upper
117 100
82 52.3 41.8 62.6
119 31.7 26.2 39.2



#64
Tetrachloroethene
Concen: 18.94 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN051083.D
Acq: 10 Sep 2018 17:23

Tgt Ion:164 Resp: 145995
Ion Ratio Lower Upper
164 100
166 128.1 101.3 151.9
129 88.9 72.2 108.2
131 86.6 70.2 105.2

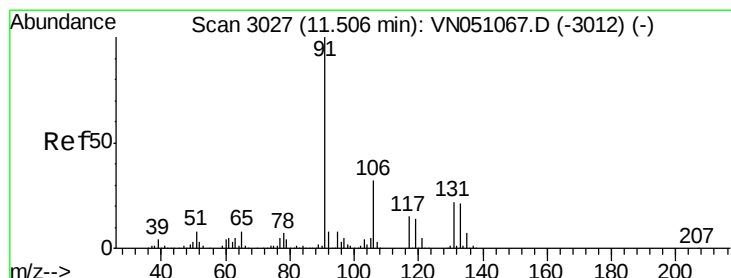
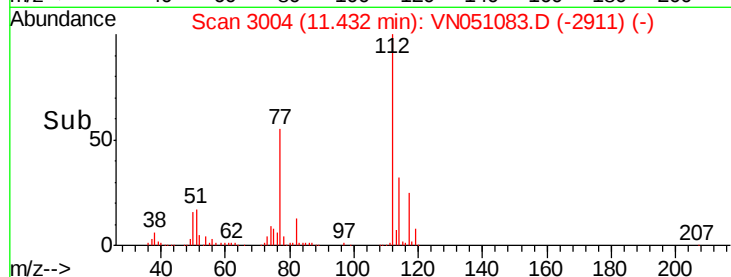
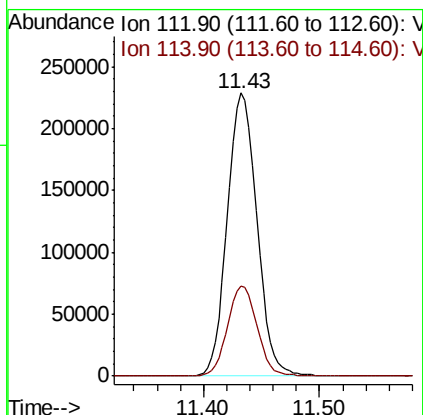
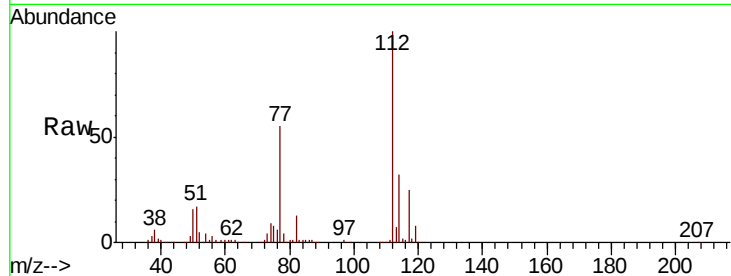




#65
Chlorobenzene
Concen: 18.99 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN051083.D
Acq: 10 Sep 2018 17:23

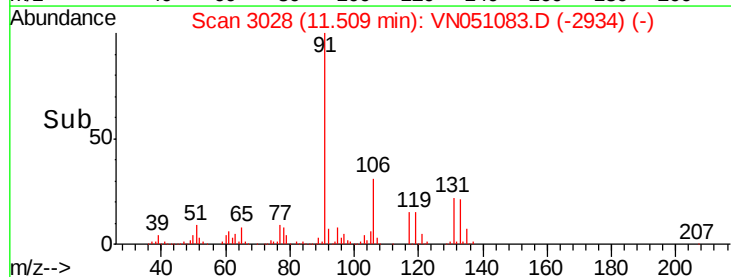
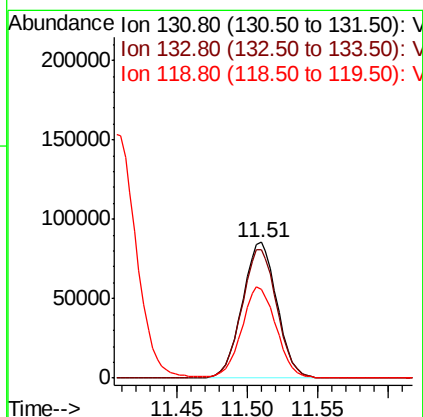
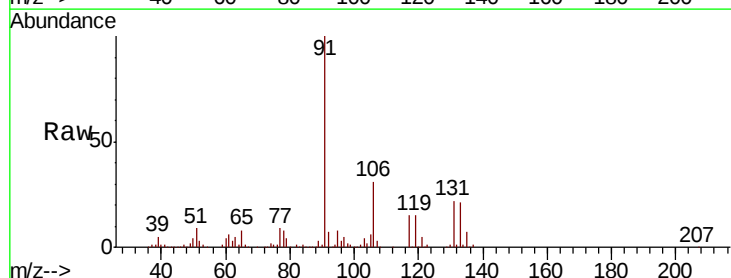
Instrument :
MSVOA_N
ClientSampled :
VN0910WBSD01

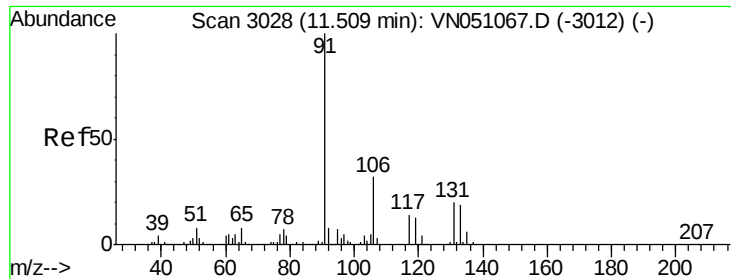
Tot Ion:112 Resp: 404287
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.24 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051083.D
Acq: 10 Sep 2018 17:23

Tgt Ion:131 Resp: 147458
Ion Ratio Lower Upper
131 100
133 95.9 47.5 142.6
119 66.9 33.2 99.6





#67

Ethyl Benzene

Concen: 18.95 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

Instrument :

MSVOA_N

ClientSampleID :

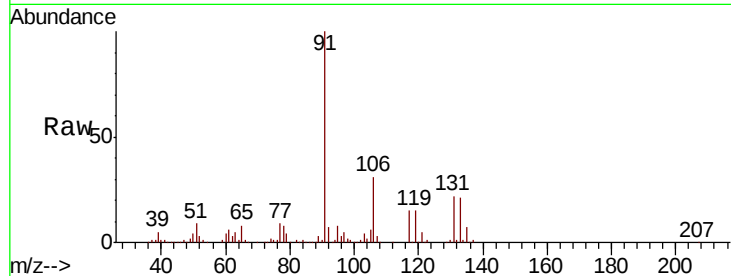
VN0910WBSD01

Tot Ion: 91 Resp: 653554

Ion Ratio Lower Upper

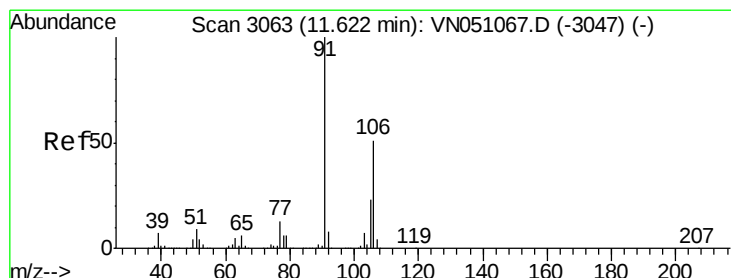
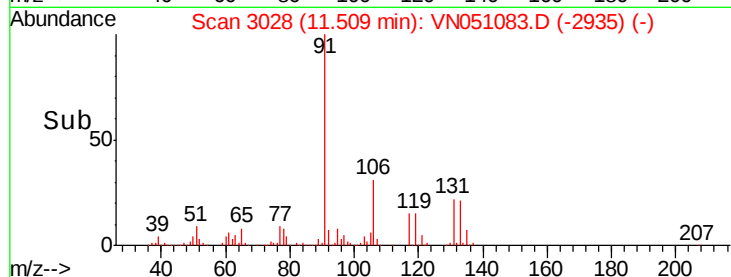
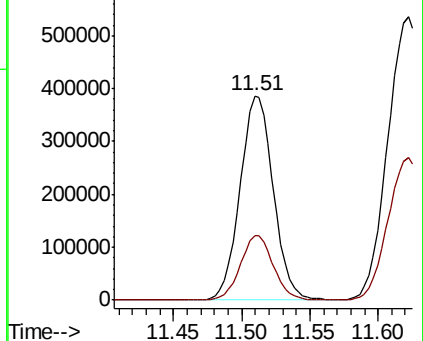
91 100

106 31.5 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VN051067.D (-3012) (-)

Ion 106.00 (105.70 to 106.70): VN051067.D (-3012) (-)



#68

m/p-Xylenes

Concen: 39.31 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN051083.D

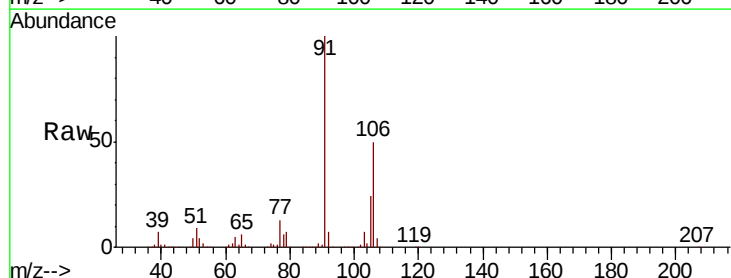
Acq: 10 Sep 2018 17:23

Tgt Ion: 106 Resp: 520790

Ion Ratio Lower Upper

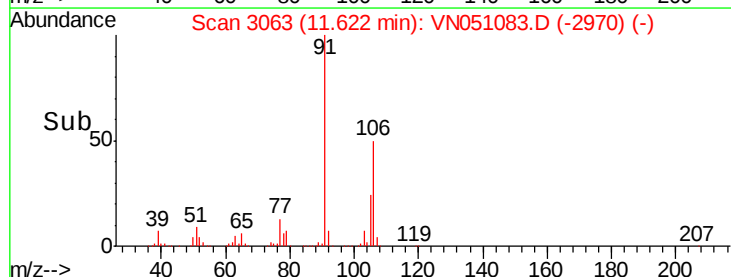
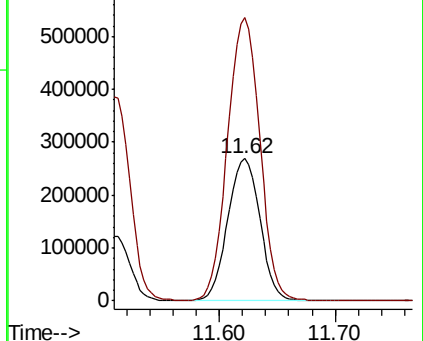
106 100

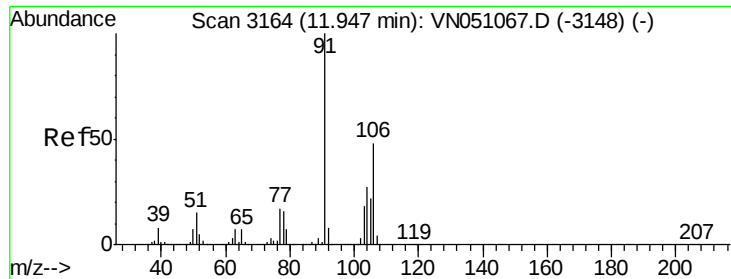
91 199.0 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): VN051067.D (-3047) (-)

Ion 91.00 (90.70 to 91.70): VN051067.D (-3047) (-)

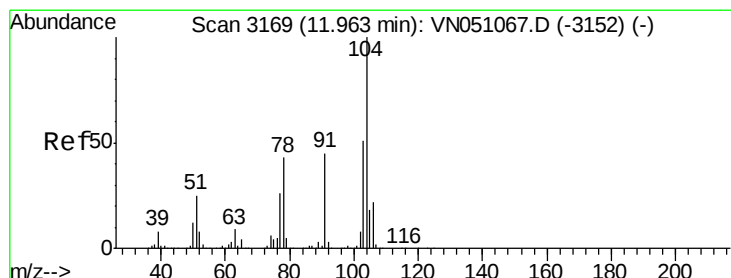
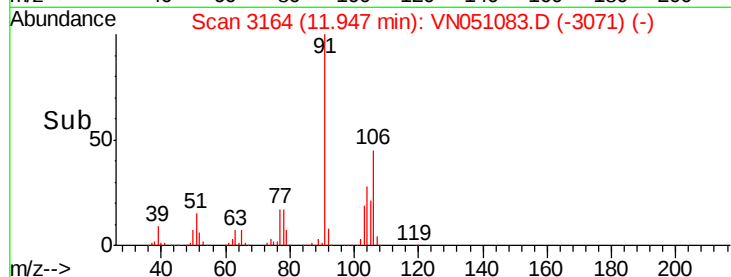
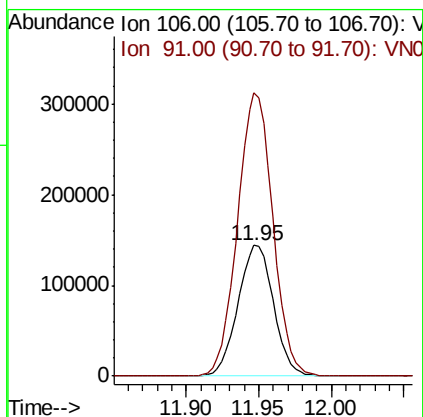
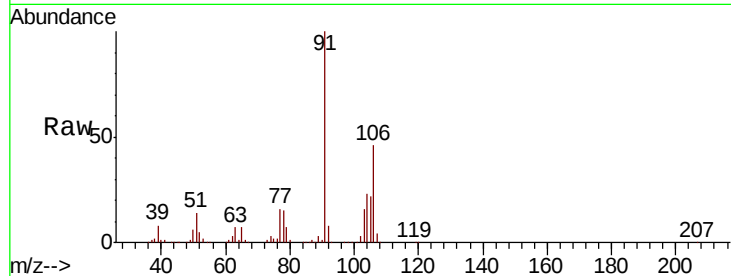




#69
o-Xylene
Concen: 19.16 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051083.D
Acq: 10 Sep 2018 17:23

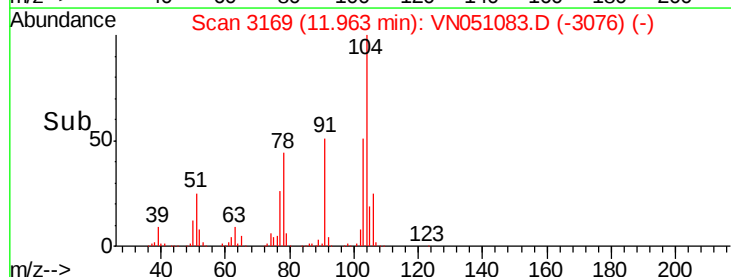
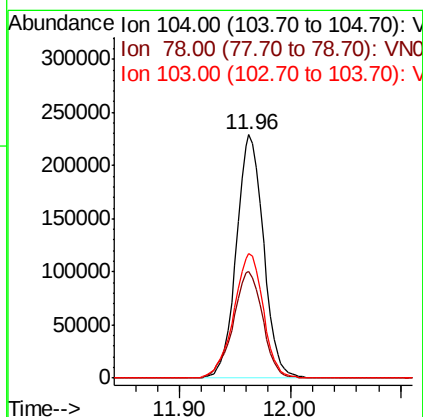
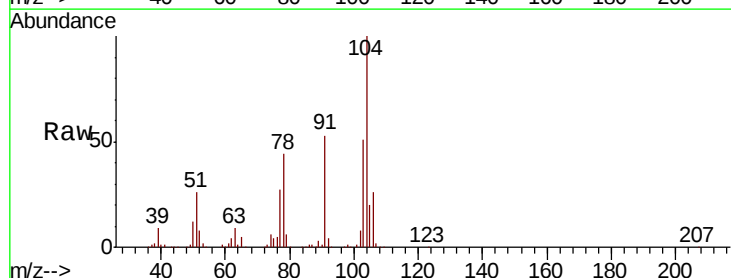
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBSD01

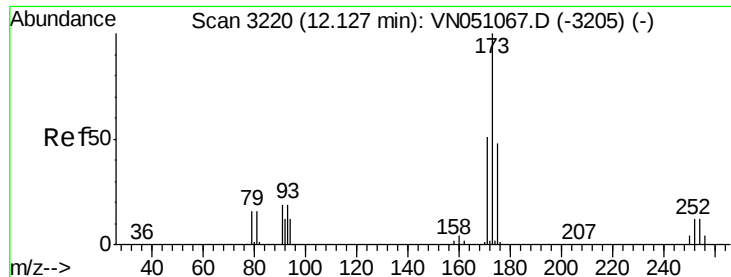
Tot Ion:106 Resp: 245753
Ion Ratio Lower Upper
106 100
91 215.1 105.1 315.1



#70
Styrene
Concen: 19.59 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN051083.D
Acq: 10 Sep 2018 17:23

Tgt Ion:104 Resp: 389842
Ion Ratio Lower Upper
104 100
78 48.0 37.7 56.5
103 55.8 44.6 67.0

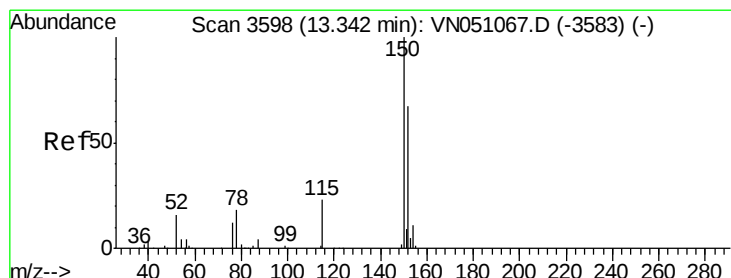
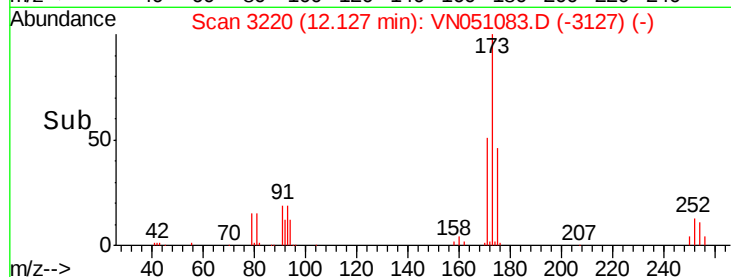
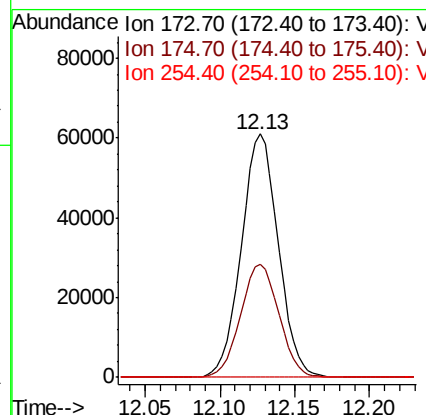
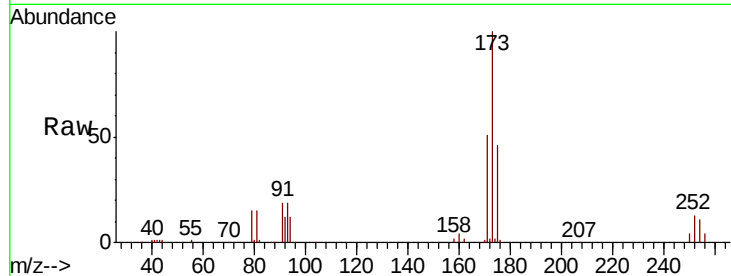




#71
Bromoform
Concen: 19.41 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN051083.D
Acq: 10 Sep 2018 17:23

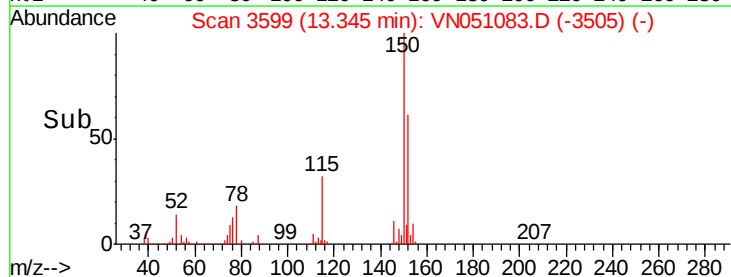
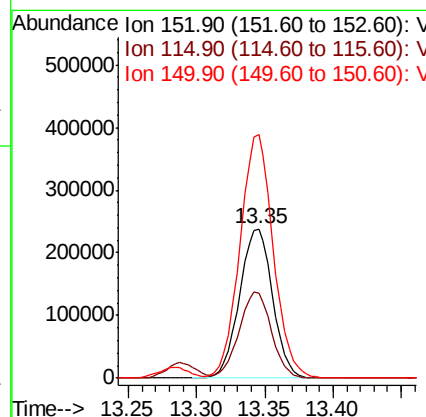
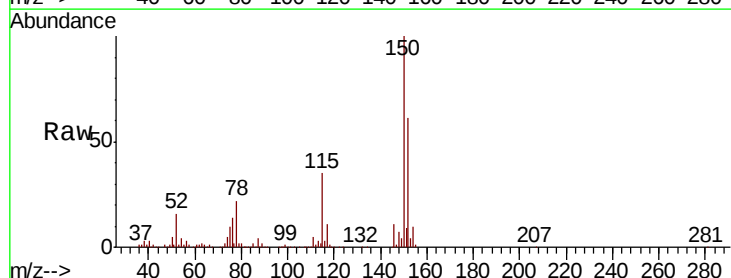
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBSD01

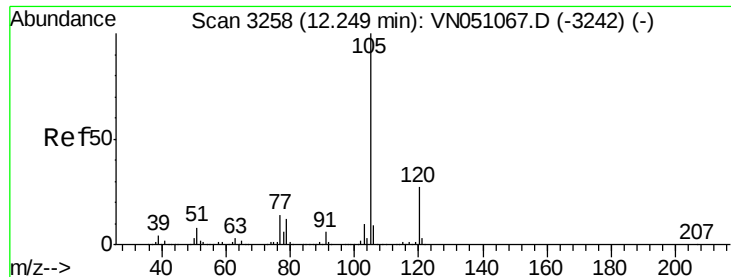
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.3	72.9
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051083.D
Acq: 10 Sep 2018 17:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.2	84.7
150	165.0	0.0	349.0





#73

Isopropylbenzene

Concen: 19.61 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

Instrument :

MSVOA_N

ClientSampleId :

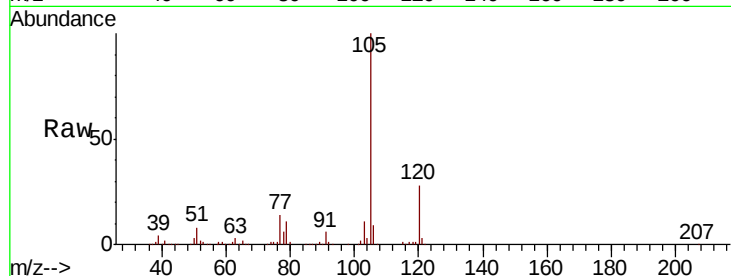
VN0910WBSD01

Tot Ion:105 Resp: 655961

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

400000

300000

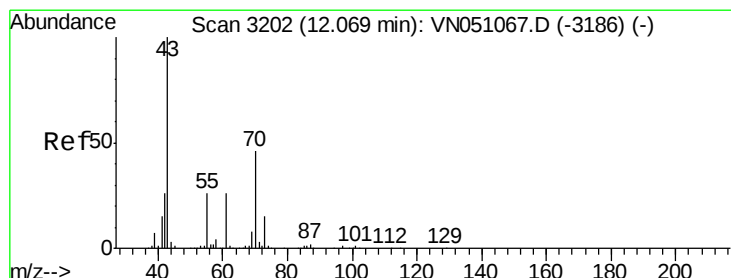
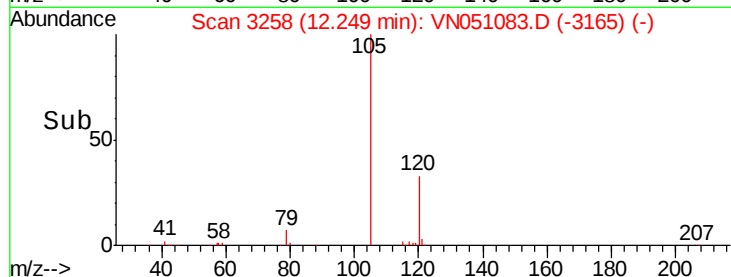
200000

100000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 19.08 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

Tgt Ion: 43 Resp: 160655

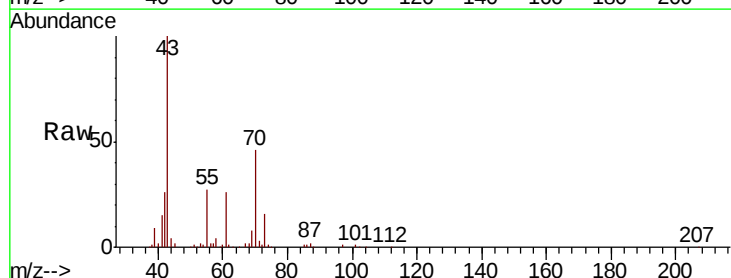
Ion Ratio Lower Upper

43 100

70 45.4 37.0 55.4

55 28.1 21.3 31.9

61 25.0 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

150000

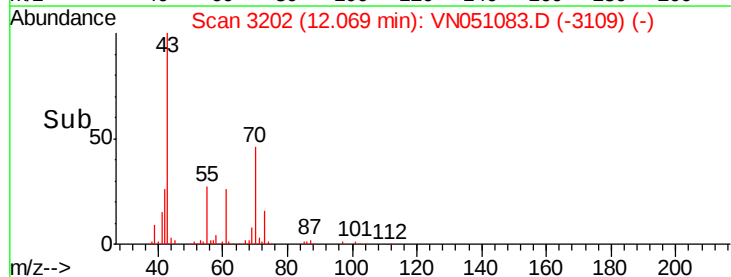
100000

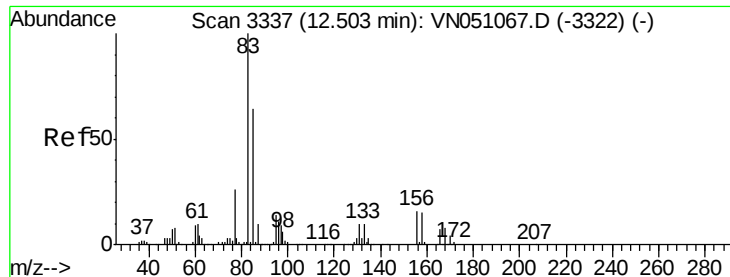
50000

0

Time-->

12.00 12.05 12.10 12.15





#75

1,1,2,2-Tetrachloroethane

Concen: 21.48 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

Instrument :

MSVOA_N

ClientSampleId :

VN0910WBSD01

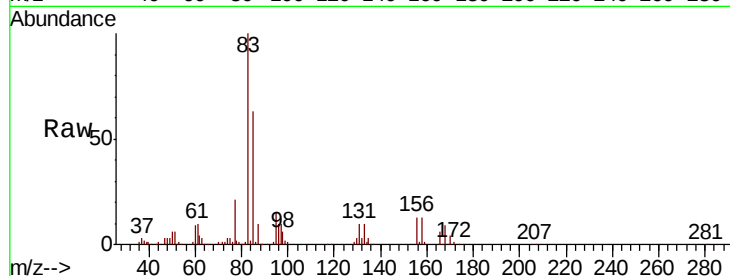
Tot Ion: 83 Resp: 171819

Ion Ratio Lower Upper

83 100

131 10.5 5.3 16.1

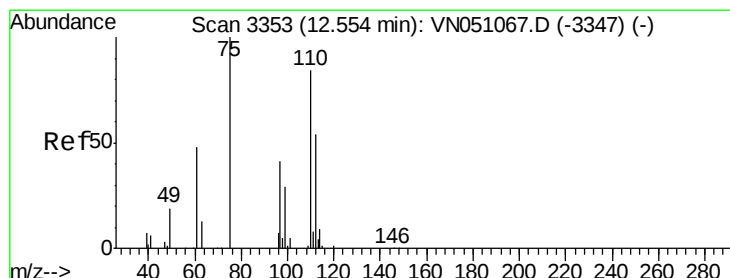
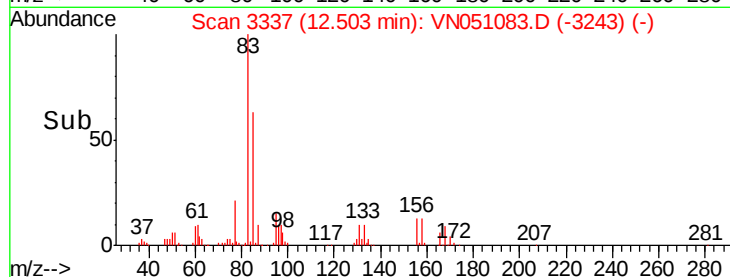
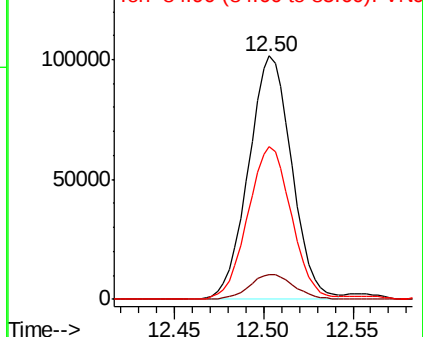
85 63.3 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 30.91 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051083.D

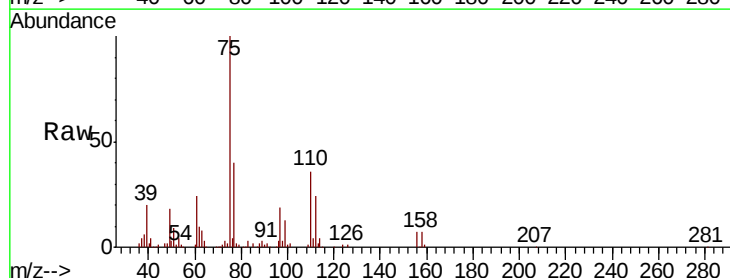
Acq: 10 Sep 2018 17:23

Tgt Ion: 75 Resp: 194638

Ion Ratio Lower Upper

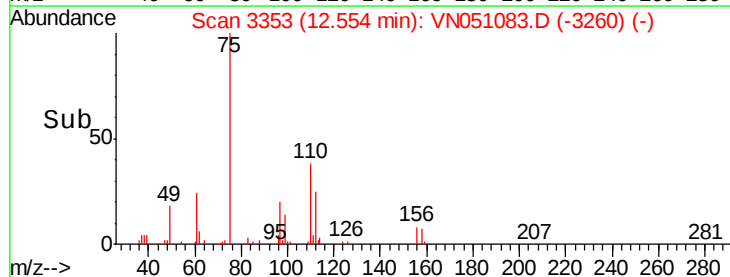
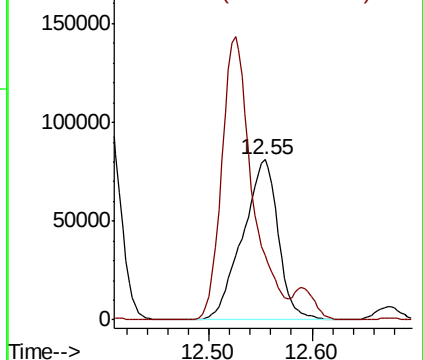
75 100

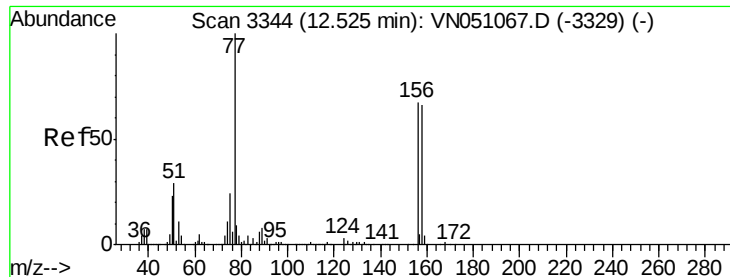
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.99 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

Instrument :

MSVOA_N

ClientSampleId :

VN0910WBSD01

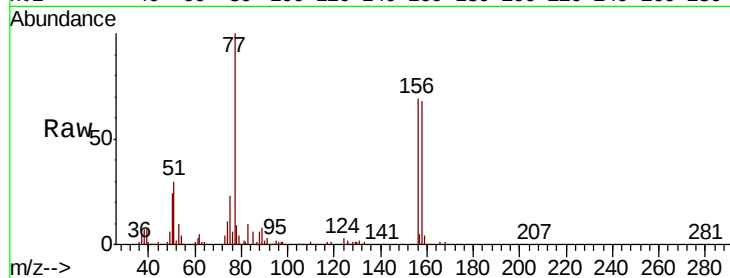
Tot Ion:156 Resp: 170635

Ion Ratio Lower Upper

156 100

77 173.7 87.5 262.6

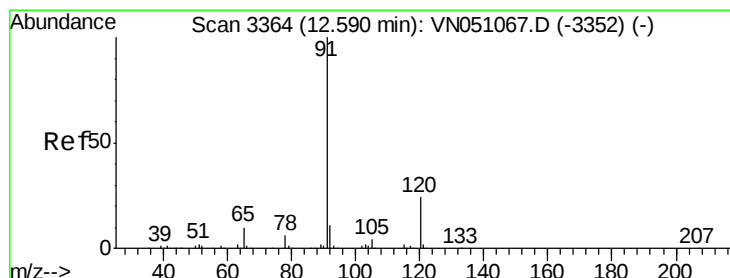
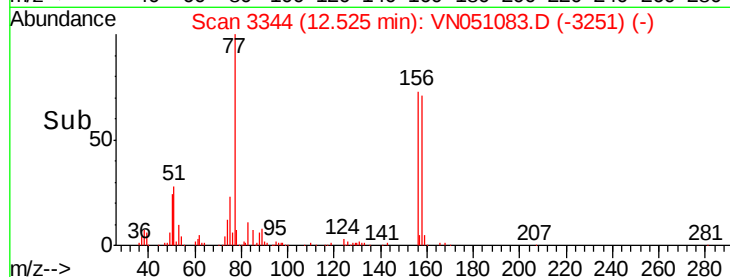
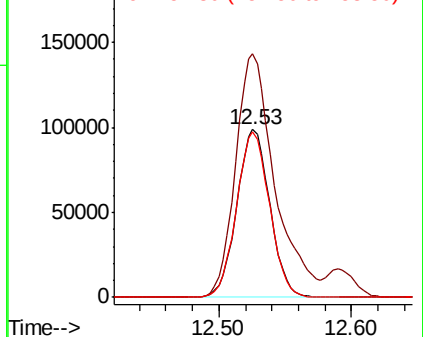
158 98.6 49.0 147.2



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: 19.49 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN051083.D

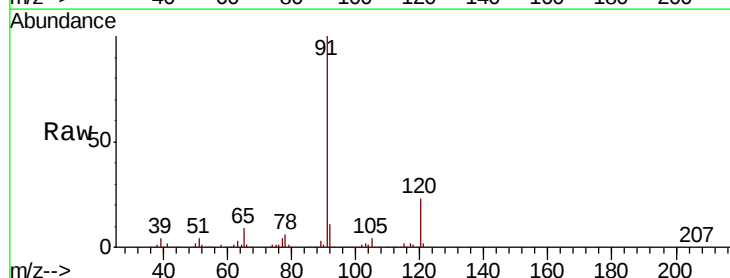
Acq: 10 Sep 2018 17:23

Tgt Ion: 91 Resp: 716729

Ion Ratio Lower Upper

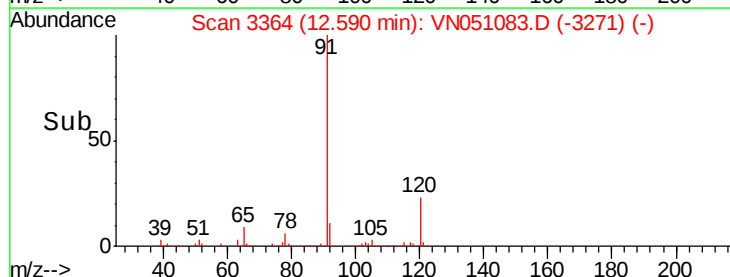
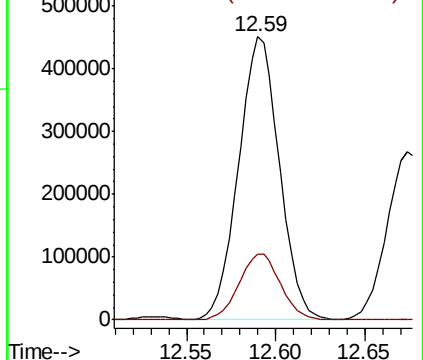
91 100

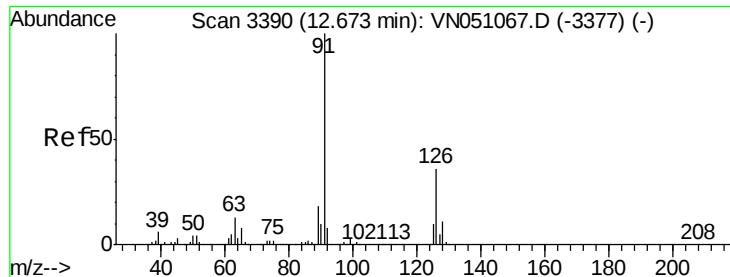
120 23.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.16 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

Instrument :

MSVOA_N

ClientSampleId :

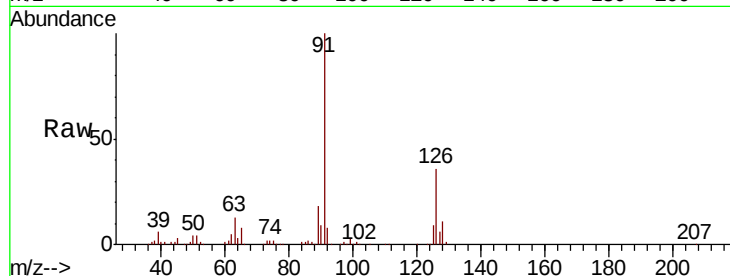
VN0910WBSD01

Tot Ion: 91 Resp: 440409

Ion Ratio Lower Upper

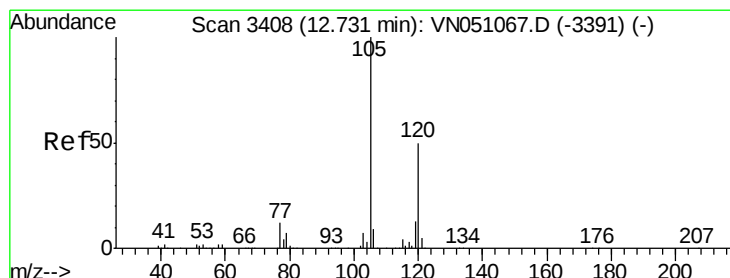
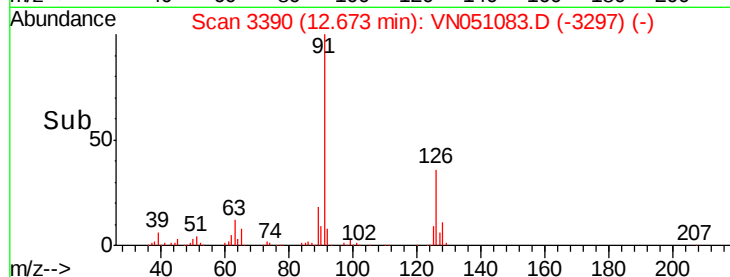
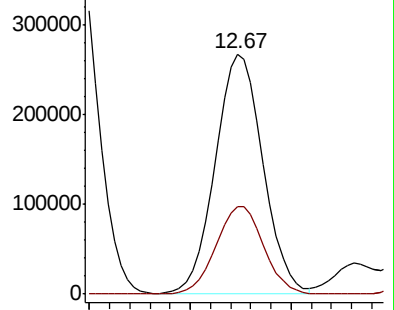
91 100

126 36.6 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN051067.D (-3377) (-)

Ion 125.90 (125.60 to 126.60): VN051067.D (-3377) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.81 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN051083.D

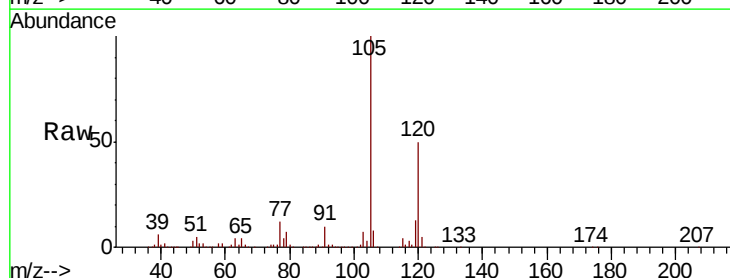
Acq: 10 Sep 2018 17:23

Tgt Ion: 105 Resp: 535749

Ion Ratio Lower Upper

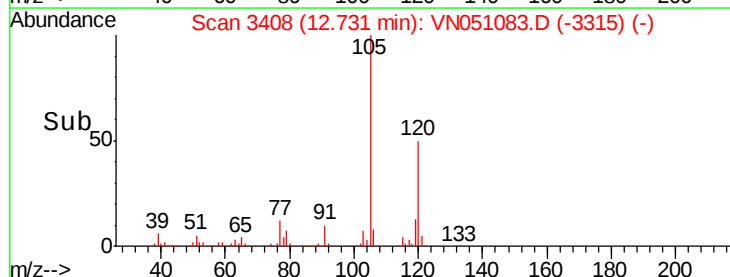
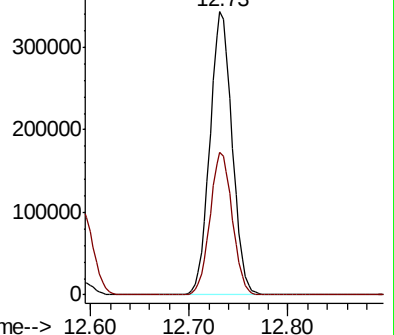
105 100

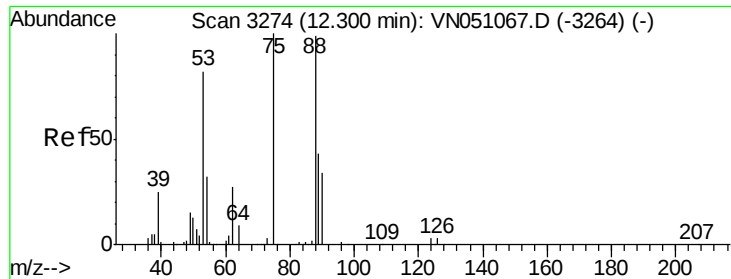
120 50.3 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN051067.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN051067.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.38 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

Instrument :

MSVOA_N

ClientSampleId :

VN0910WBSD01

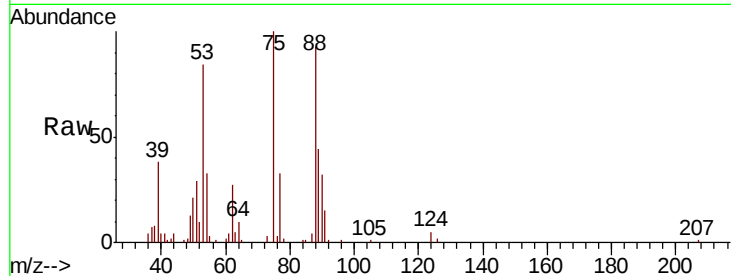
Tot Ion: 75 Resp: 40705

Ion Ratio Lower Upper

75 100

53 84.0 67.8 101.8

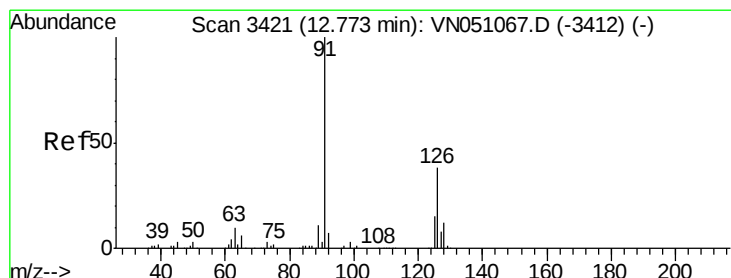
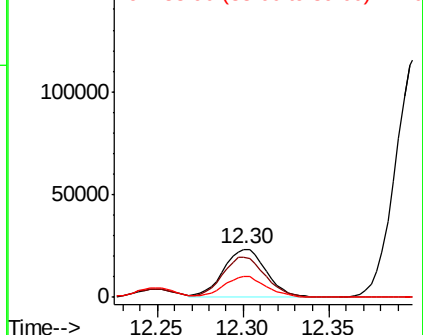
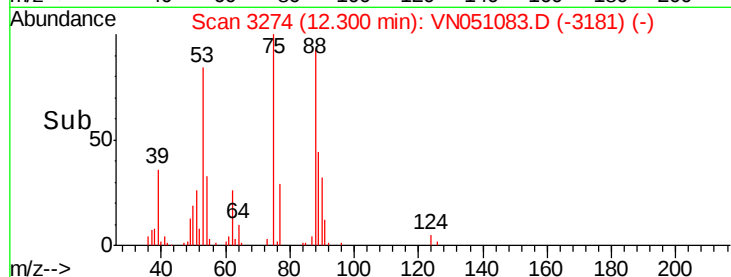
89 43.3 36.0 54.0



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: 18.88 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN051083.D

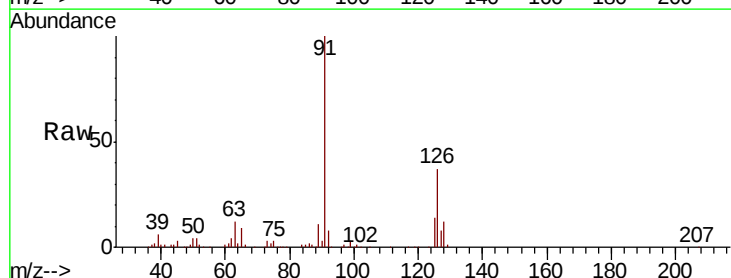
Acq: 10 Sep 2018 17:23

Tgt Ion: 91 Resp: 430749

Ion Ratio Lower Upper

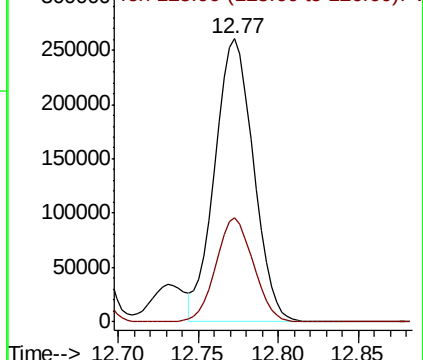
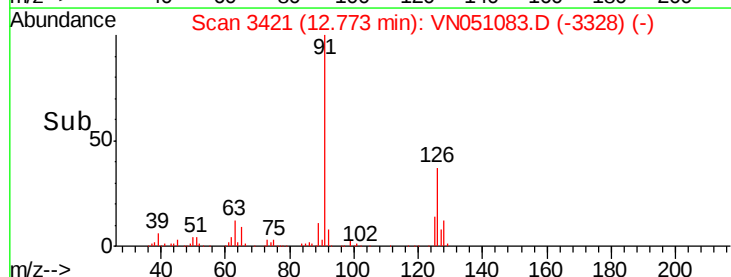
91 100

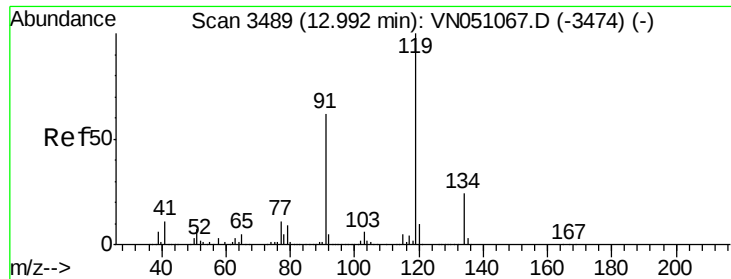
126 35.5 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

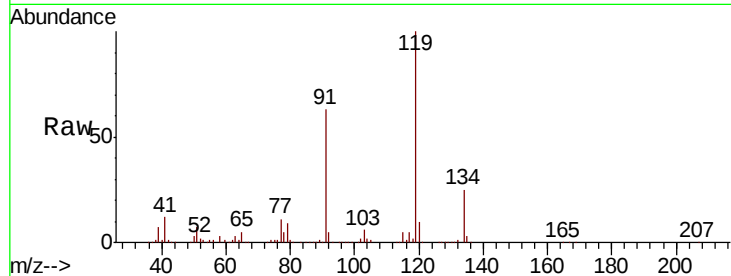




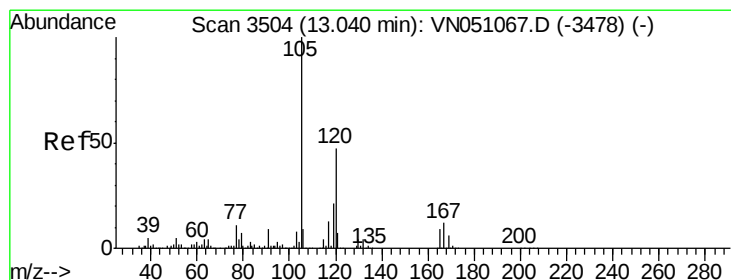
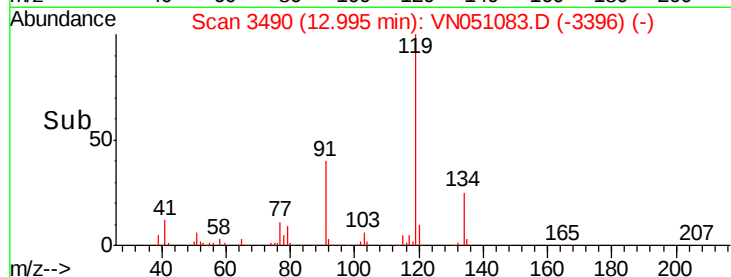
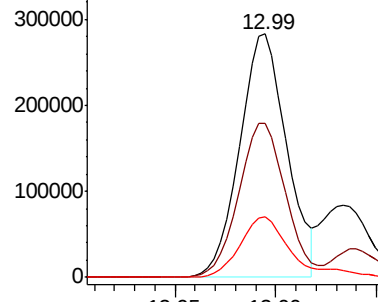
#83
 tert-Butylbenzene
 Concen: 19.16 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN051083.D
 Acq: 10 Sep 2018 17:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910WBSD01

Tot Ion:119 Resp: 457430
 Ion Ratio Lower Upper
 119 100
 91 62.7 30.8 92.3
 134 27.2 13.2 39.6

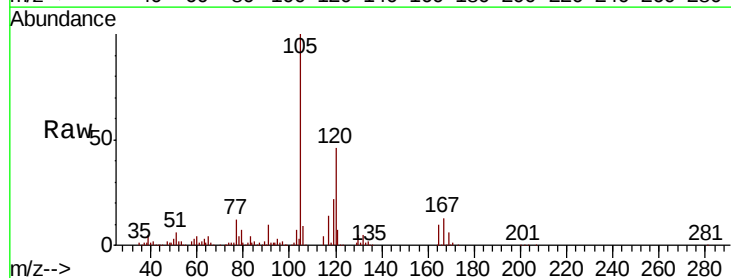


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

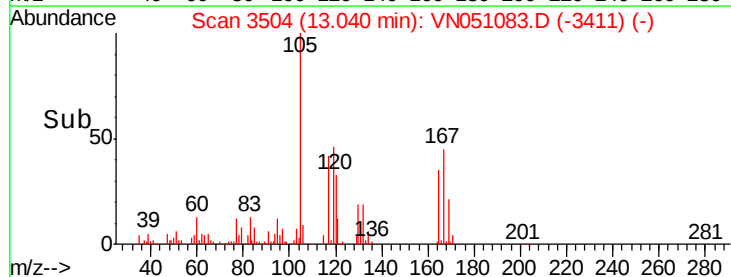
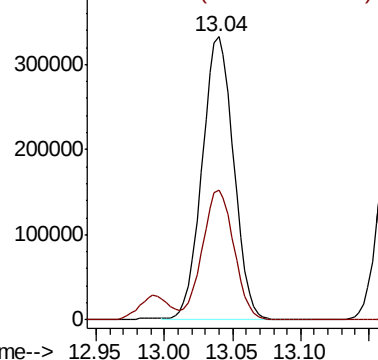


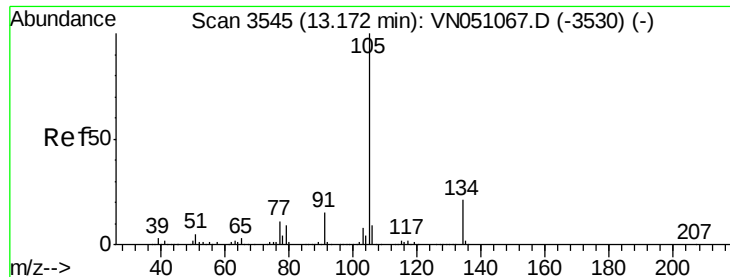
#84
 1,2,4-Trimethylbenzene
 Concen: 20.06 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051083.D
 Acq: 10 Sep 2018 17:23

Tgt Ion:105 Resp: 533528
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.61 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

Instrument :

MSVOA_N

ClientSampleId :

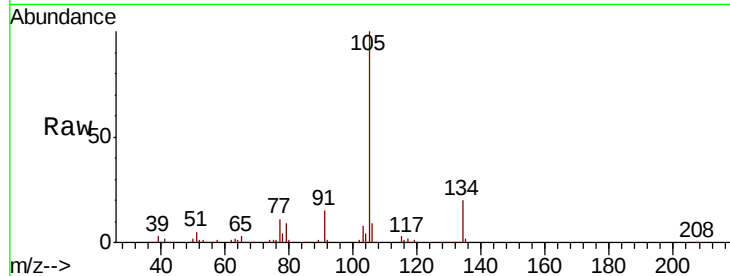
VN0910WBSD01

Tot Ion:105 Resp: 600289

Ion Ratio Lower Upper

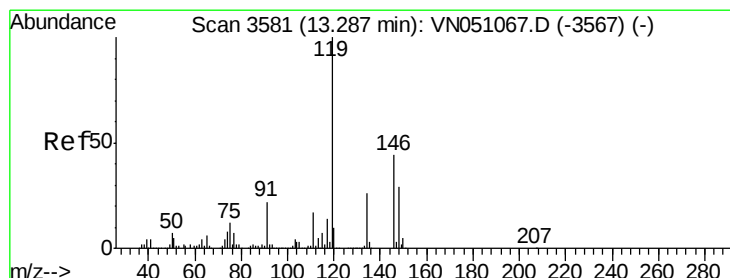
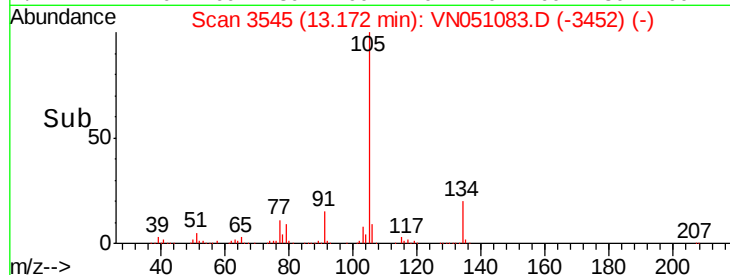
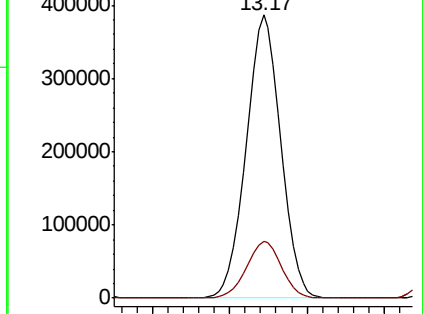
105 100

134 20.3 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: 19.76 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

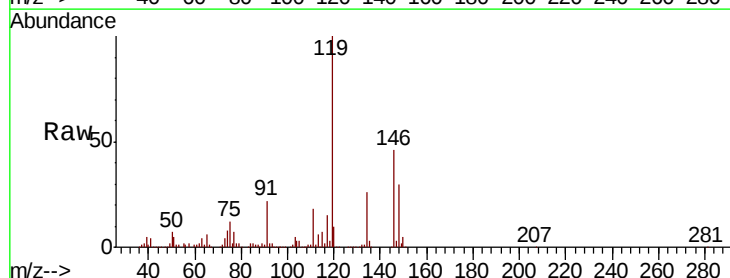
Tgt Ion:119 Resp: 512909

Ion Ratio Lower Upper

119 100

134 26.4 13.5 40.4

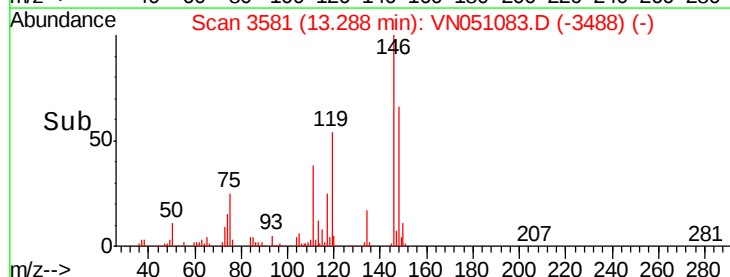
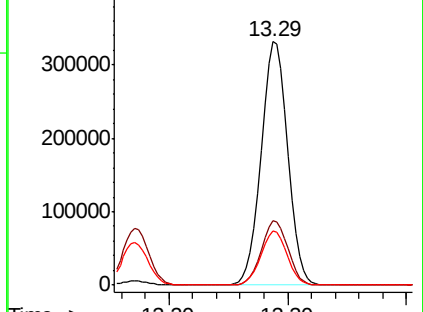
91 21.7 10.9 32.9

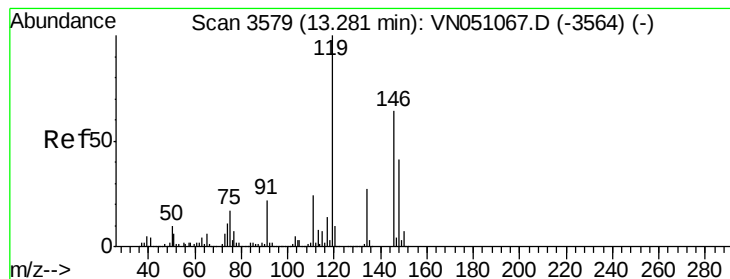


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.51 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

Instrument :

MSVOA_N

ClientSampleId :

VN0910WBSD01

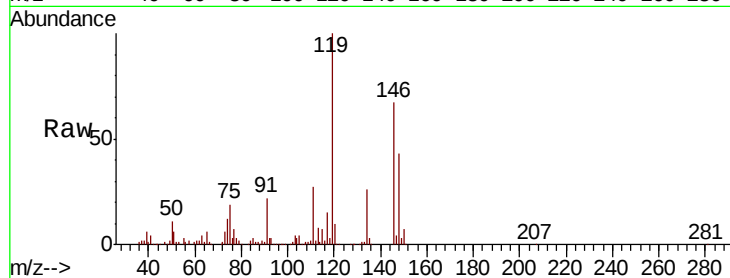
Tot Ion:146 Resp: 282207

Ion Ratio Lower Upper

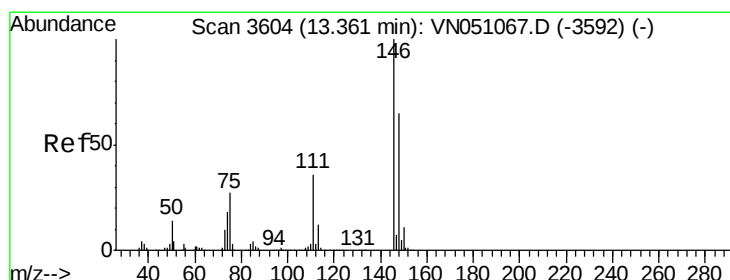
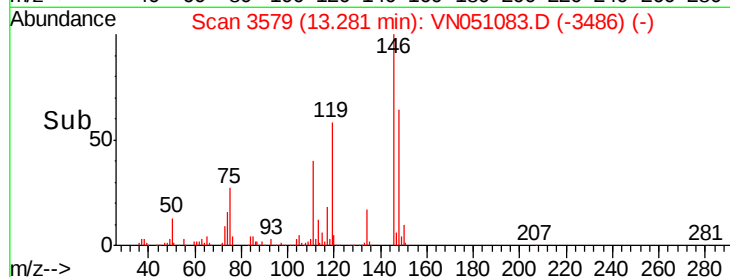
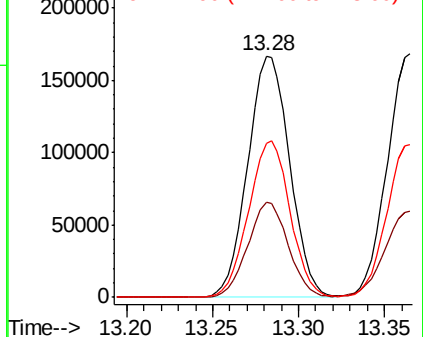
146 100

111 38.2 19.1 57.1

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



#88

1,4-Dichlorobenzene

Concen: 19.43 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

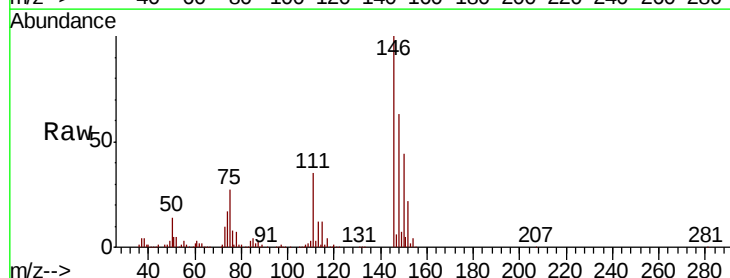
Tgt Ion:146 Resp: 271794

Ion Ratio Lower Upper

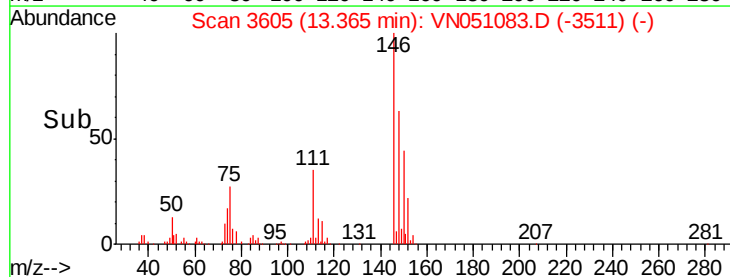
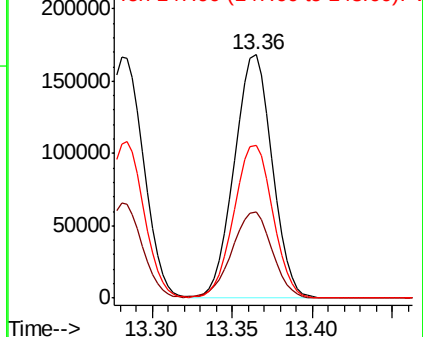
146 100

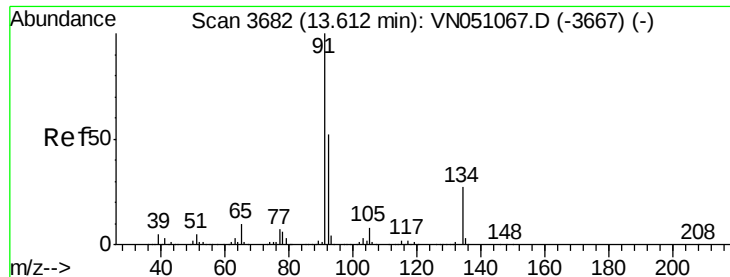
111 37.7 18.4 55.0

148 64.6 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

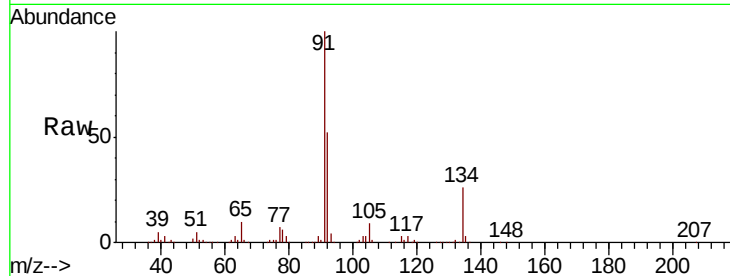




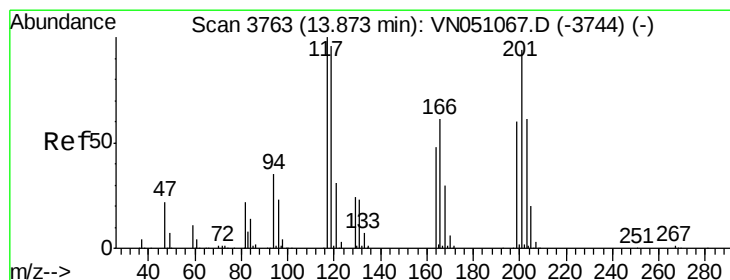
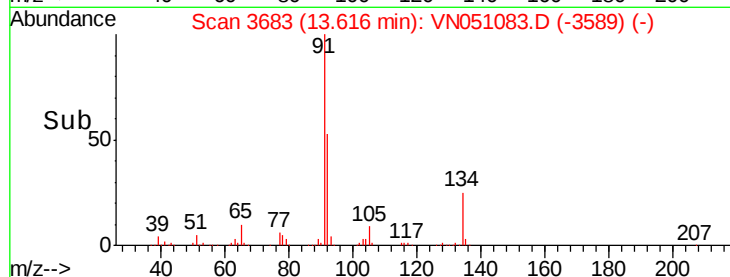
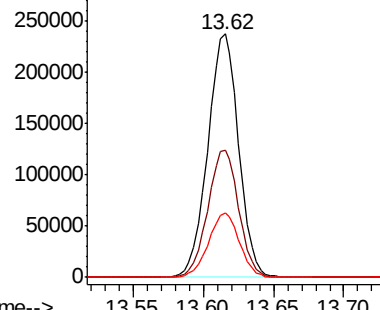
#89
n-Butylbenzene
Concen: 17.93 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051083.D
Acq: 10 Sep 2018 17:23

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBSD01

Tot Ion: 91 Resp: 362333
Ion Ratio Lower Upper
91 100
92 52.4 26.2 78.6
134 26.7 13.7 41.1

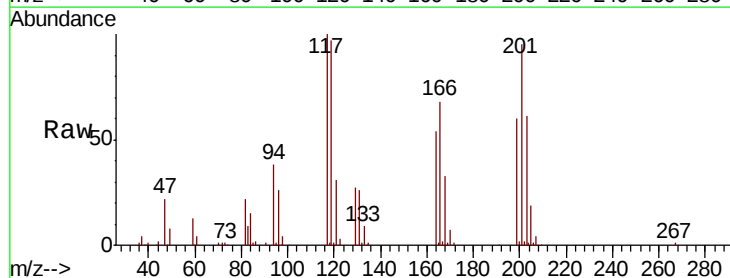


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

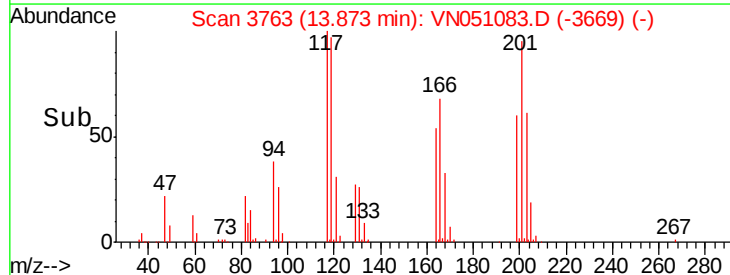
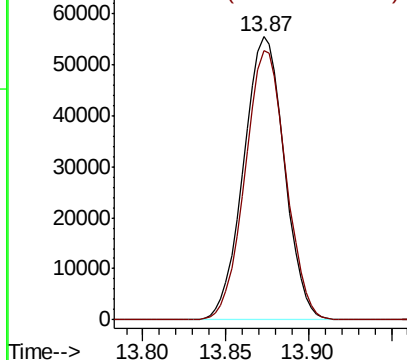


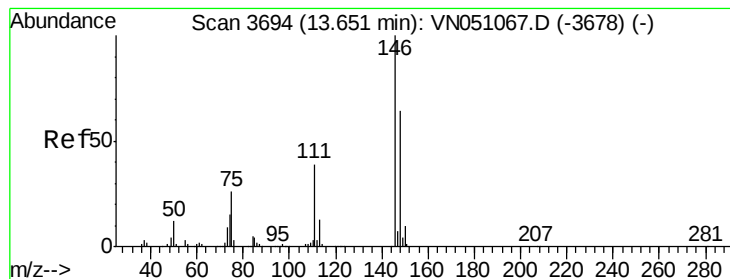
#90
Hexachloroethane
Concen: 19.65 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN051083.D
Acq: 10 Sep 2018 17:23

Tgt Ion: 117 Resp: 94671
Ion Ratio Lower Upper
117 100
201 94.9 47.3 142.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 18.82 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

Instrument :

MSVOA_N

ClientSampleId :

VN0910WBSD01

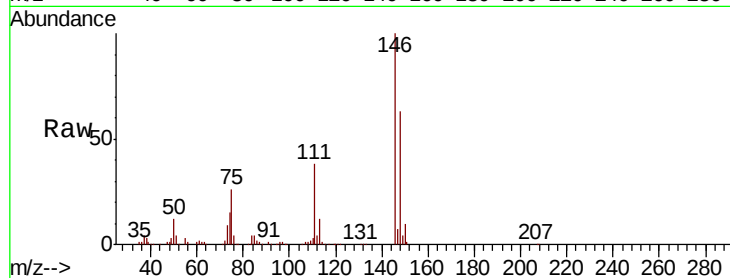
Tot Ion:146 Resp: 279586

Ion Ratio Lower Upper

146 100

111 39.0 19.7 59.0

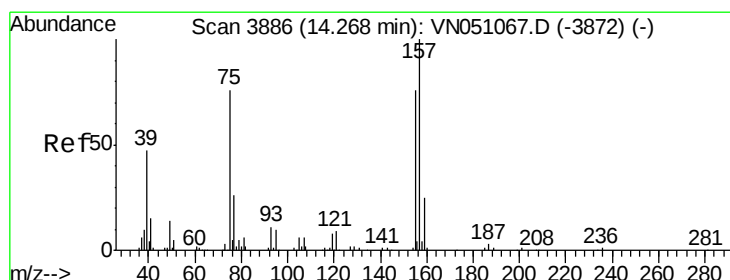
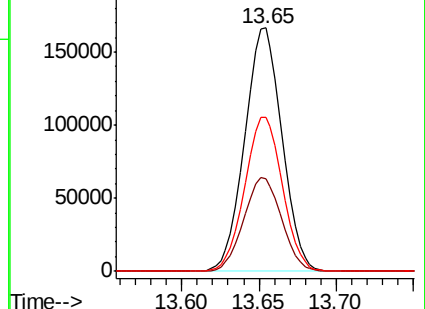
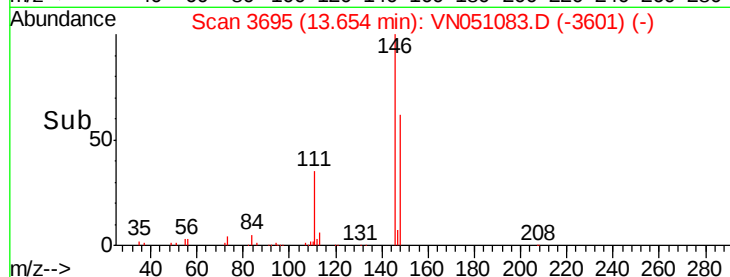
148 63.9 32.1 96.3



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: 21.05 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

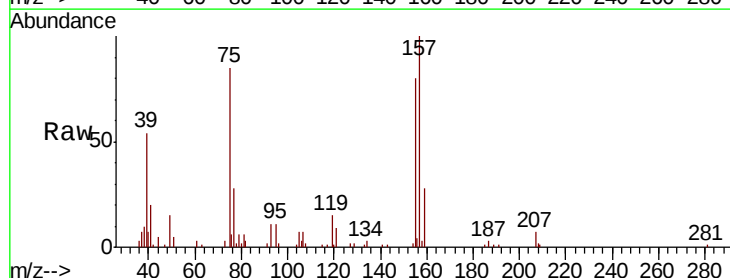
Tgt Ion: 75 Resp: 23612

Ion Ratio Lower Upper

75 100

155 95.3 48.7 146.1

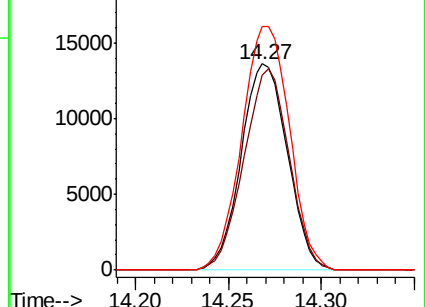
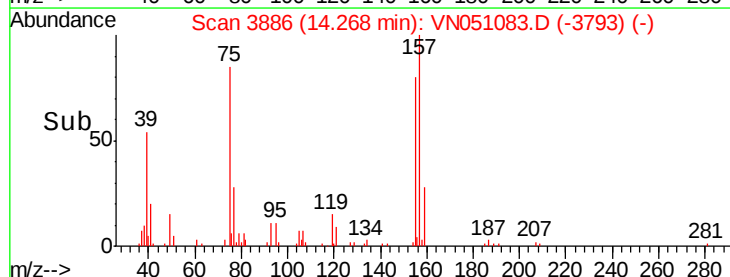
157 121.7 63.6 190.9

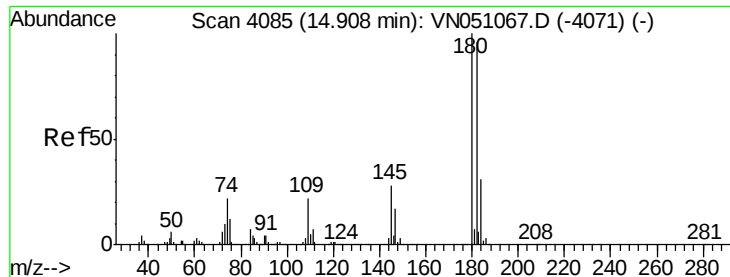


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

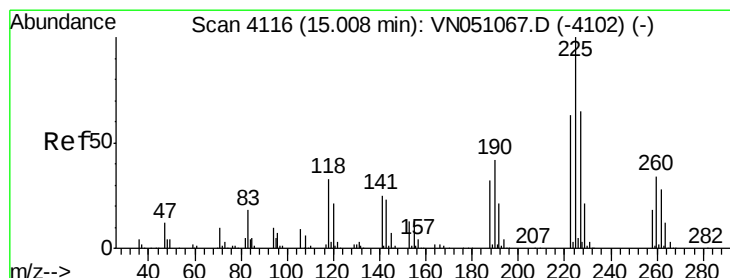
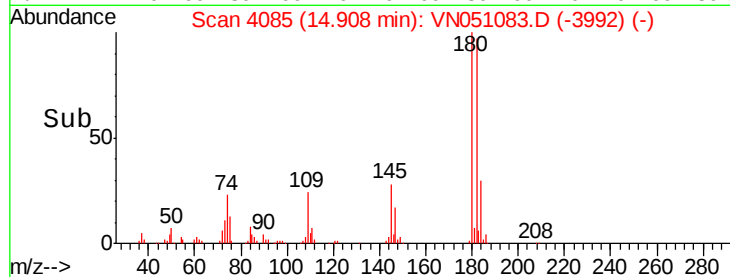
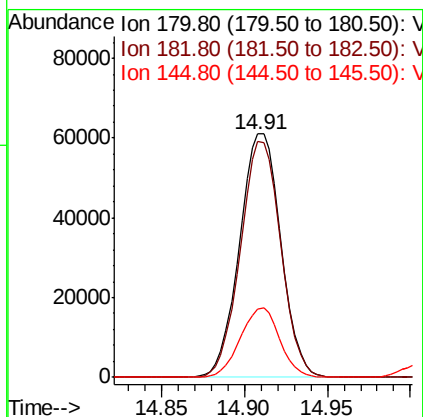
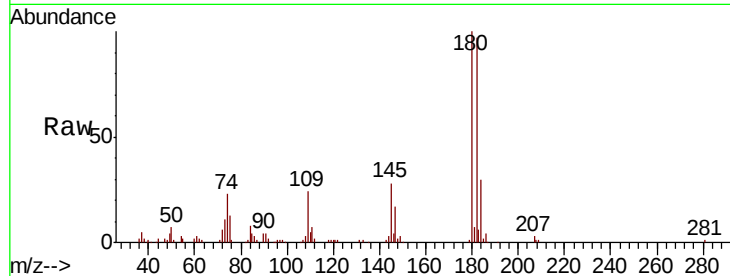




#93
 1,2,4-Trichlorobenzene
 Concen: 17.54 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN051083.D
 Acq: 10 Sep 2018 17:23

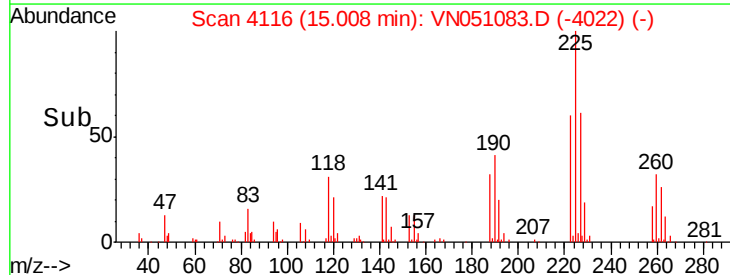
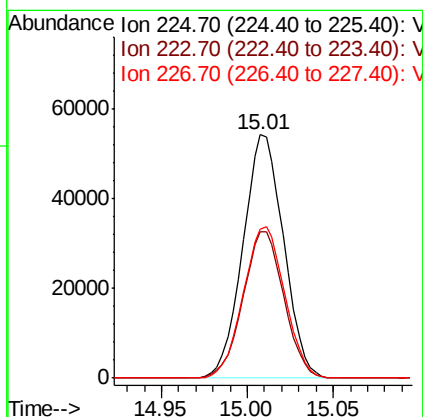
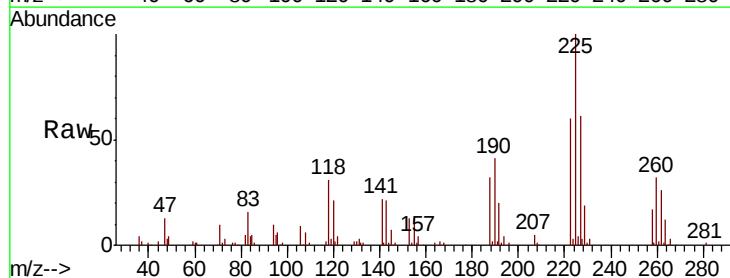
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910WBSD01

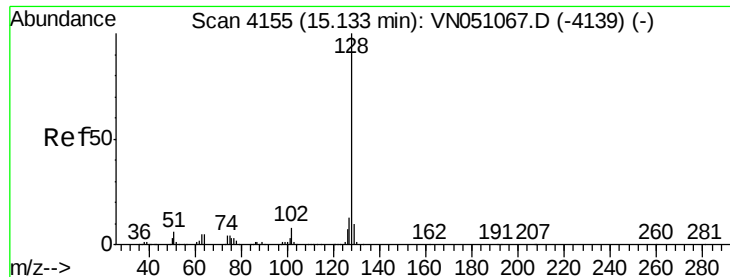
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.3	141.8
145	27.4	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 19.54 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN051083.D
 Acq: 10 Sep 2018 17:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.3	31.4	94.0
227	63.1	32.1	96.3





#95

Naphthalene

Concen: 17.99 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

Instrument :

MSVOA_N

ClientSampleId :

VN0910WBSD01

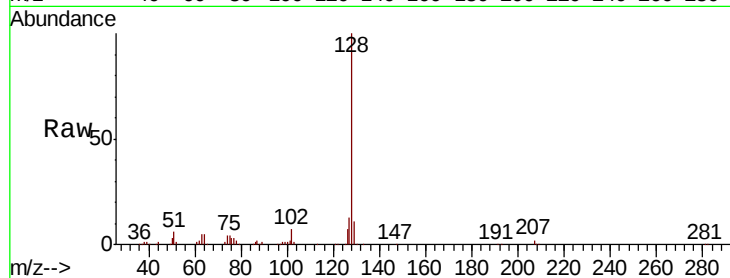
Tot Ion:128 Resp: 212455

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

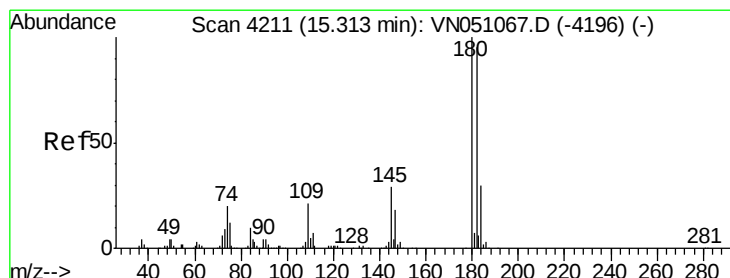
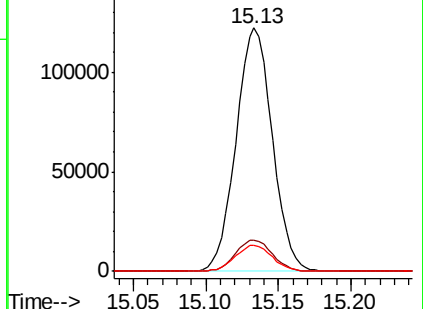
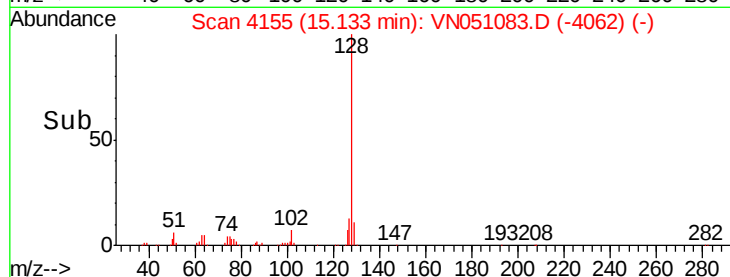
129 10.9 8.6 12.8



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



#96

1,2,3-Trichlorobenzene

Concen: 18.61 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN051083.D

Acq: 10 Sep 2018 17:23

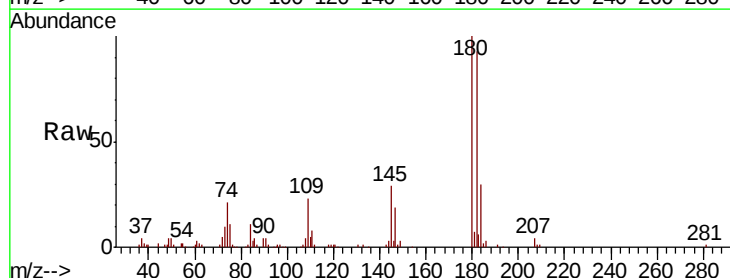
Tgt Ion:180 Resp: 114097

Ion Ratio Lower Upper

180 100

182 94.8 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

