

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092018\
 Data File : VN051344.D
 Acq On : 20 Sep 2018 17:17
 Operator : MD\SY
 Sample : VN0920WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBS01

Quant Time: Sep 21 06:42:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 03:27:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	715765	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	975381	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	863646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	430772	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	365592	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
35) Dibromofluoromethane	7.59	113	366603	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	
50) Toluene-d8	10.09	98	1386056	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	
62) 4-Bromofluorobenzene	12.40	95	432550	43.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	117145	19.59	ug/l	99
3) Chloromethane	2.06	50	153040	18.03	ug/l	99
4) Vinyl Chloride	2.18	62	168398	19.97	ug/l	99
5) Bromomethane	2.57	94	123515	21.00	ug/l	100
6) Chloroethane	2.70	64	102467	19.78	ug/l	97
7) Trichlorofluoromethane	3.02	101	236284	19.60	ug/l	98
8) Diethyl Ether	3.41	74	77782	20.17	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	147563	19.95	ug/l	97
10) Methyl Iodide	3.95	142	209339	19.13	ug/l	100
11) Tert butyl alcohol	4.78	59	40408	98.25	ug/l	97
12) 1,1-Dichloroethene	3.74	96	130528	19.50	ug/l	99
13) Acrolein	3.61	56	49601	105.37	ug/l	97
14) Allyl chloride	4.32	41	187017	19.82	ug/l	99
15) Acrylonitrile	4.99	53	202452	97.13	ug/l	99
16) Acetone	3.82	43	140559	88.20	ug/l	99
17) Carbon Disulfide	4.05	76	395890	19.62	ug/l	97
18) Methyl Acetate	4.33	43	91707	16.75	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	334318	20.63	ug/l	99
20) Methylene Chloride	4.55	84	152138	19.08	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	143046	20.23	ug/l	97
22) Diisopropyl ether	5.95	45	399784	21.45	ug/l	99
23) Vinyl Acetate	5.90	43	1248989	103.59	ug/l	100
24) 1,1-Dichloroethane	5.85	63	253478	19.95	ug/l	99
25) 2-Butanone	6.84	43	212727	95.97	ug/l	97
26) 2,2-Dichloropropane	6.83	77	208038	19.81	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	158663	20.25	ug/l	100
28) Bromochloromethane	7.19	49	101126	19.20	ug/l	97
29) Tetrahydrofuran	7.21	42	141336	100.65	ug/l	99
30) Chloroform	7.37	83	259597	19.44	ug/l	97
31) Cyclohexane	7.65	56	226647	18.13	ug/l	92
32) 1,1,1-Trichloroethane	7.57	97	230168	20.00	ug/l	100
36) 1,1-Dichloropropene	7.79	75	201311	20.18	ug/l	99
37) Ethyl Acetate	6.93	43	98790	20.00	ug/l #	93
38) Carbon Tetrachloride	7.77	117	210340	19.49	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 03:27:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	238024	20.44	ug/l	98
40) Benzene	8.04	78	605702	20.15	ug/l	98
41) Methacrylonitrile	7.18	41	56502	21.96	ug/l	87
42) 1,2-Dichloroethane	8.12	62	178312	19.64	ug/l	100
43) Isopropyl Acetate	8.17	43	177781	20.55	ug/l	99
44) Trichloroethene	8.83	130	167829	19.45	ug/l	100
45) 1,2-Dichloropropane	9.12	63	156085	20.29	ug/l	98
46) Dibromomethane	9.21	93	92651	19.54	ug/l	97
47) Bromodichloromethane	9.40	83	196002	19.38	ug/l	100
48) Methyl methacrylate	9.20	41	85067	19.29	ug/l	98
49) 1,4-Dioxane	9.20	88	25219	386.70	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	479267	103.00	ug/l	100
52) Toluene	10.16	92	378848	20.47	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	189924	19.56	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	228680	20.34	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	130476	18.79	ug/l	100
56) Ethyl methacrylate	10.43	69	148245	20.21	ug/l	99
57) 1,3-Dichloropropane	10.71	76	219740	20.09	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	376623	104.45	ug/l	100
59) 2-Hexanone	10.75	43	295608	94.23	ug/l	99
60) Dibromochloromethane	10.90	129	155286	19.18	ug/l	100
61) 1,2-Dibromoethane	11.00	107	128642	19.27	ug/l	99
64) Tetrachloroethene	10.63	164	158446	21.04	ug/l	98
65) Chlorobenzene	11.43	112	417894	20.25	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	160776	20.47	ug/l	99
67) Ethyl Benzene	11.51	91	672628	20.84	ug/l	98
68) m/p-Xylenes	11.62	106	542759	42.80	ug/l	99
69) o-Xylene	11.95	106	257322	21.05	ug/l	100
70) Styrene	11.96	104	400966	21.13	ug/l	100
71) Bromoform	12.13	173	103340	19.38	ug/l #	100
73) Isopropylbenzene	12.25	105	685846	21.72	ug/l	100
74) N-amyl acetate	12.07	43	131010	19.40	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	150508	19.32	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	176928	28.44	ug/l #	100
77) Bromobenzene	12.53	156	178090	20.42	ug/l	98
78) n-propylbenzene	12.59	91	757291	22.00	ug/l	99
79) 2-Chlorotoluene	12.67	91	452065	21.31	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	577245	22.55	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	37779	21.02	ug/l	99
82) 4-Chlorotoluene	12.77	91	445353	21.60	ug/l	99
83) tert-Butylbenzene	12.99	119	508249	22.19	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	576494	22.69	ug/l	100
85) sec-Butylbenzene	13.17	105	668059	21.93	ug/l	100
86) p-Isopropyltoluene	13.29	119	590501	22.27	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	299405	20.42	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	286450	20.15	ug/l	98
89) n-Butylbenzene	13.61	91	439976	21.35	ug/l	99
90) Hexachloroethane	13.87	117	110199	19.41	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	294762	20.81	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	19808	19.20	ug/l	99

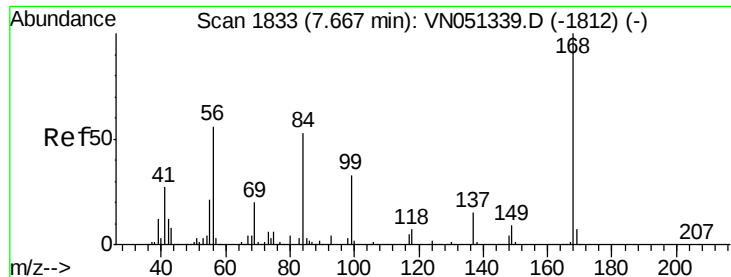
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092018\
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Quant Title : SW846 8260
QLast Update : Fri Sep 21 03:27:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	131585	20.27	ug/l	98
94) Hexachlorobutadiene	15.01	225	119045	21.66	ug/l	95
95) Naphthalene	15.13	128	213657	18.67	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	134544	20.83	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

Instrument :

MSVOA_N

ClientSampleId :

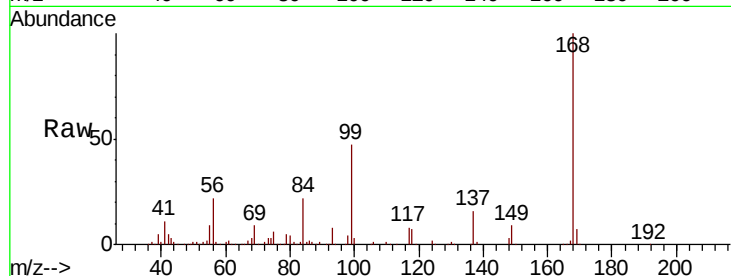
VN0920WBS01

Tot Ion:168 Resp: 715765

Ion Ratio Lower Upper

168 100

99 46.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

300000

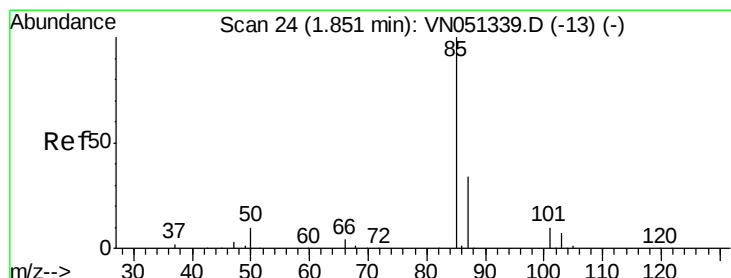
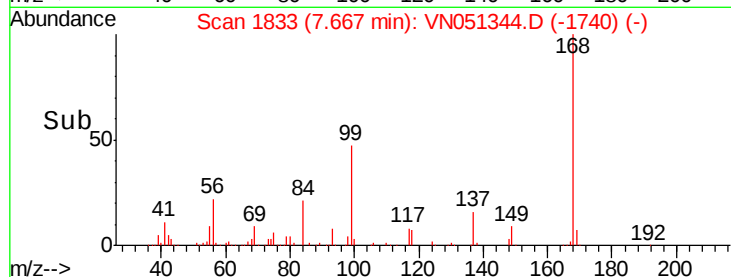
200000

100000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.59 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051344.D

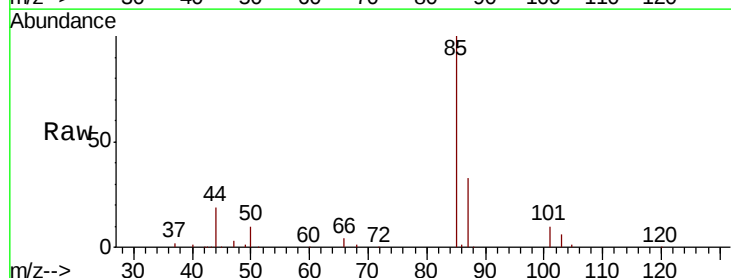
Acq: 20 Sep 2018 17:17

Tgt Ion: 85 Resp: 117145

Ion Ratio Lower Upper

85 100

87 32.9 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

80000

60000

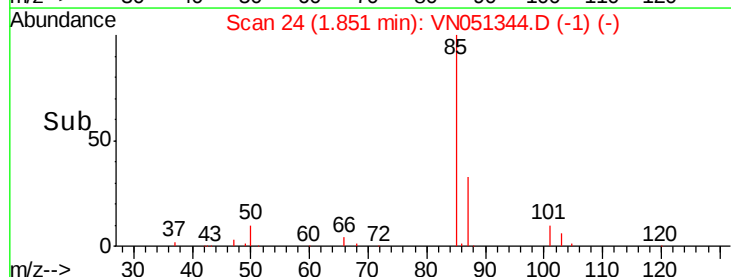
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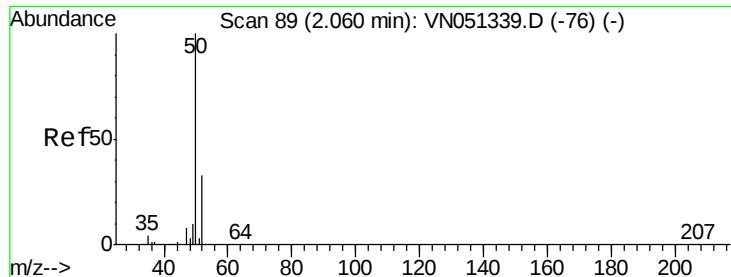
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 18.03 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

Instrument :

MSVOA_N

ClientSampleId :

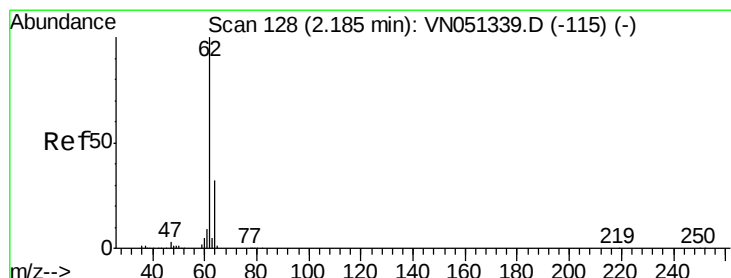
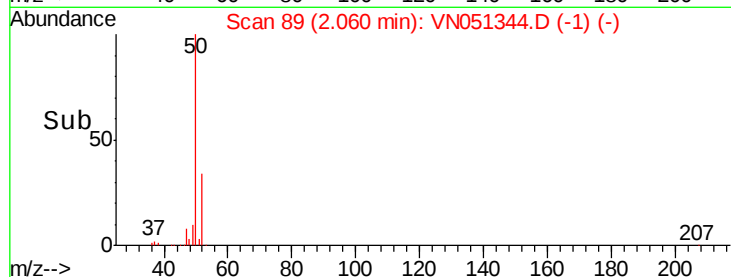
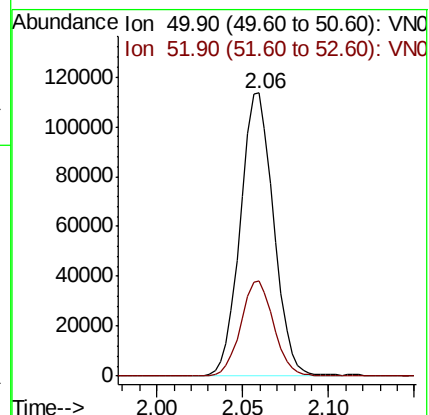
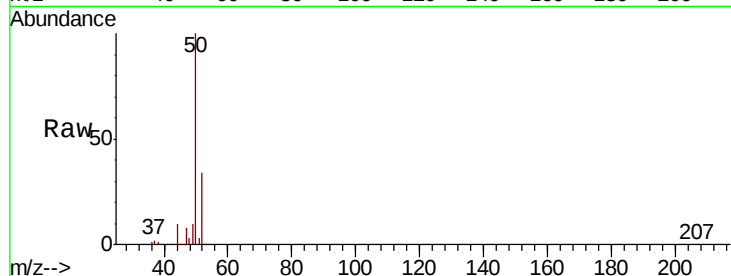
VN0920WBS01

Tot Ion: 50 Resp: 153040

Ion Ratio Lower Upper

50 100

52 33.7 26.7 40.1



#4

Vinyl Chloride

Concen: 19.97 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN051344.D

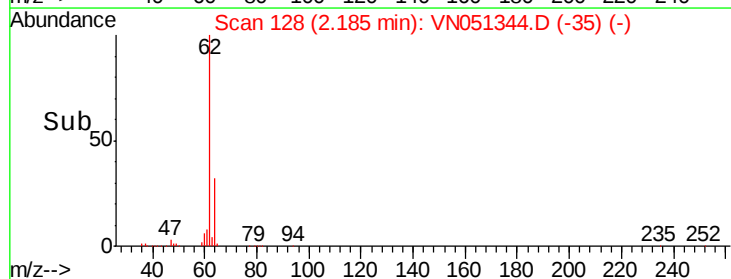
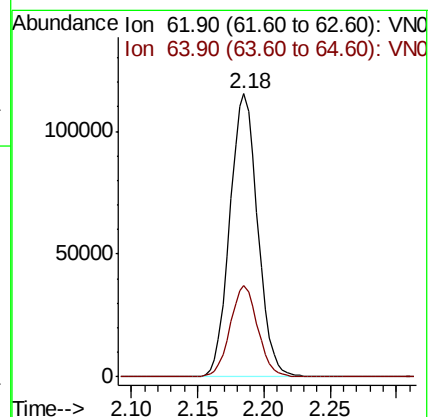
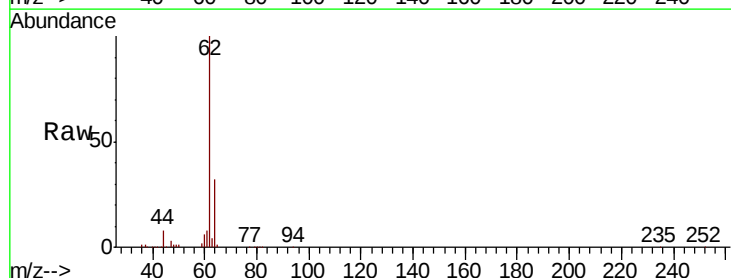
Acq: 20 Sep 2018 17:17

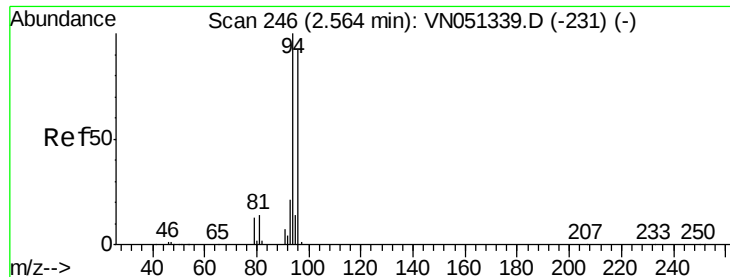
Tgt Ion: 62 Resp: 168398

Ion Ratio Lower Upper

62 100

64 32.1 25.9 38.9





#5

Bromomethane

Concen: 21.00 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

Instrument :

MSVOA_N

ClientSampleId :

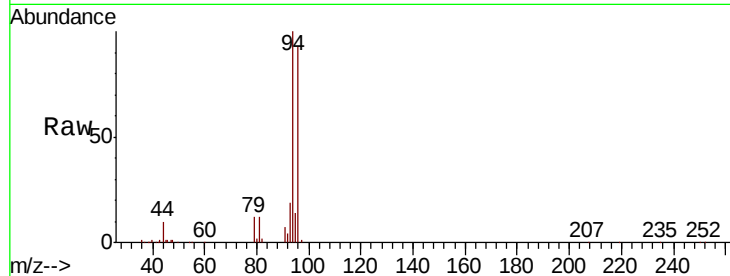
VN0920WBS01

Tot Ion: 94 Resp: 123515

Ion Ratio Lower Upper

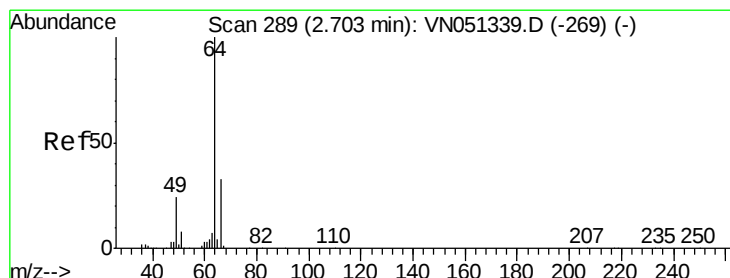
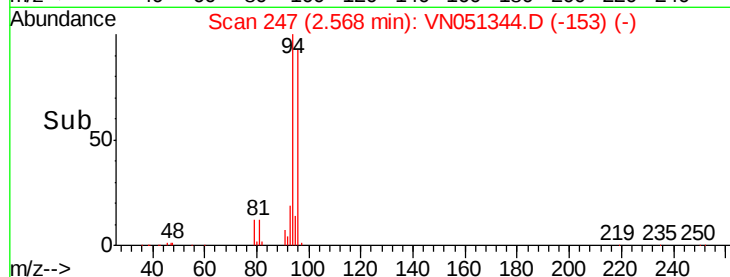
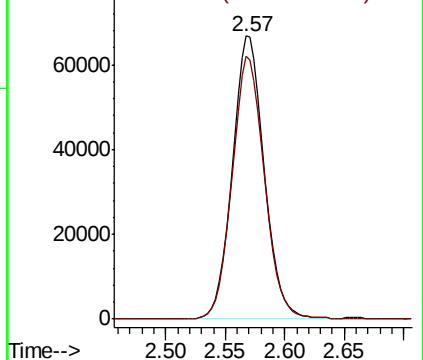
94 100

96 92.7 73.8 110.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.78 ug/l

RT: 2.70 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN051344.D

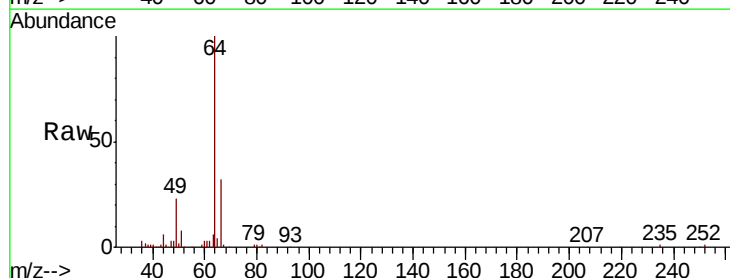
Acq: 20 Sep 2018 17:17

Tgt Ion: 64 Resp: 102467

Ion Ratio Lower Upper

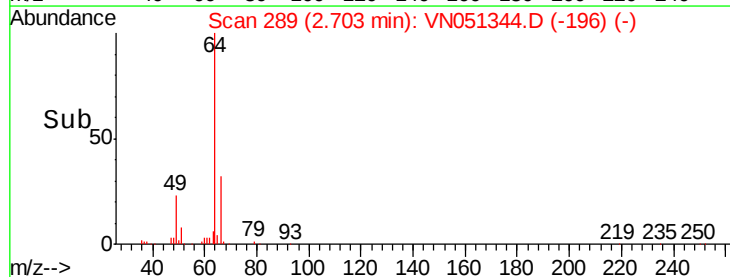
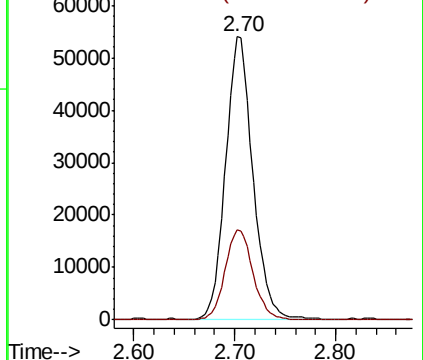
64 100

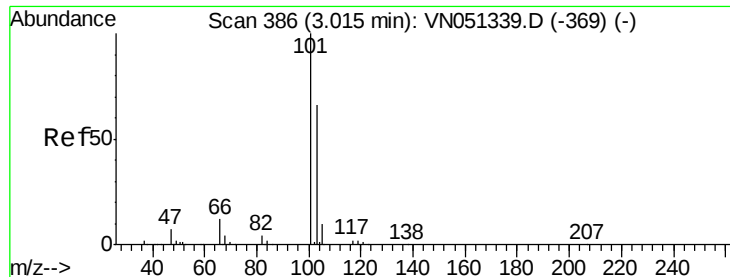
66 31.6 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



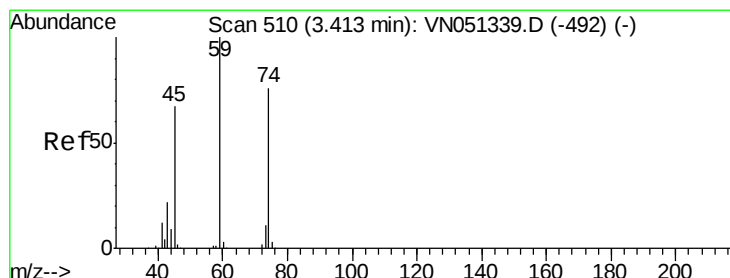
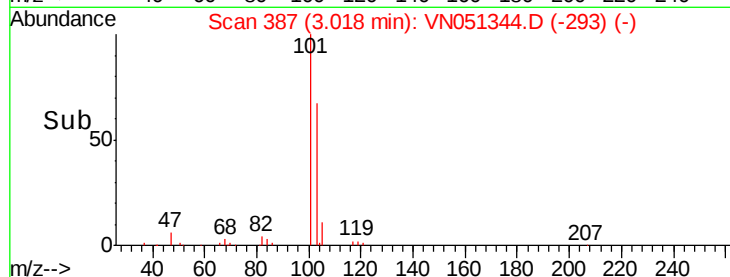
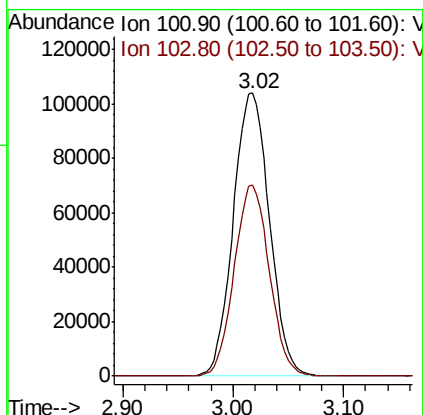
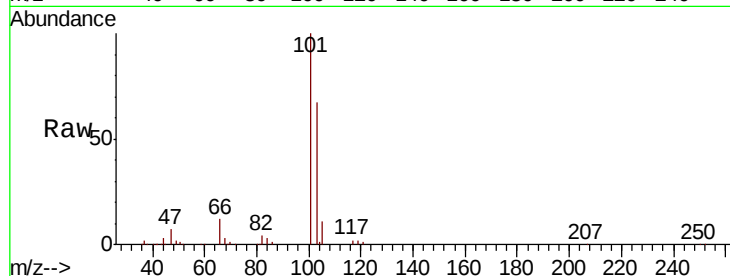


#7

Trichlorofluoromethane
 Concen: 19.60 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN051344.D
 Acq: 20 Sep 2018 17:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBS01

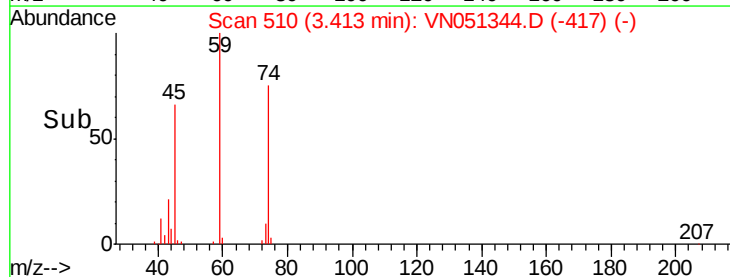
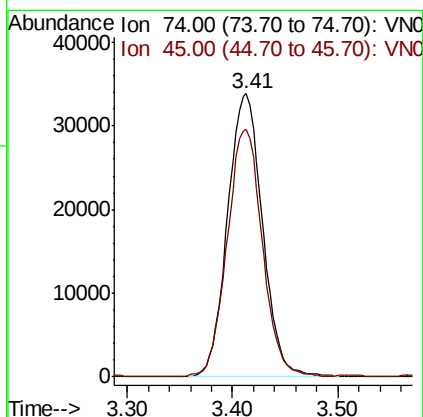
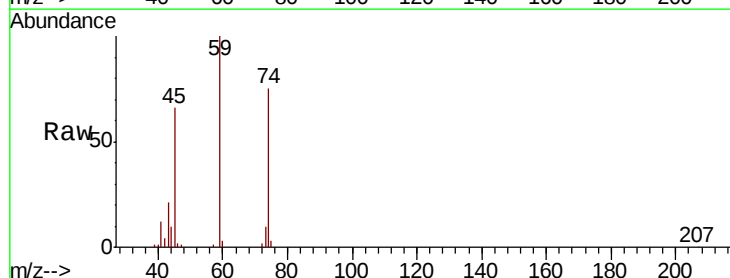
Tot Ion:101 Resp: 236284
 Ion Ratio Lower Upper
 101 100
 103 67.4 52.7 79.1

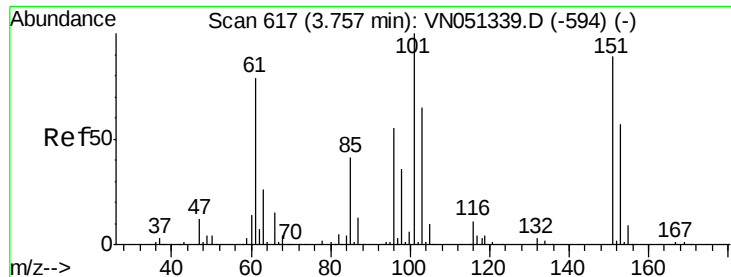


#8

Diethyl Ether
 Concen: 20.17 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VN051344.D
 Acq: 20 Sep 2018 17:17

Tgt Ion: 74 Resp: 77782
 Ion Ratio Lower Upper
 74 100
 45 88.1 44.1 132.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.95 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.01 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBS01

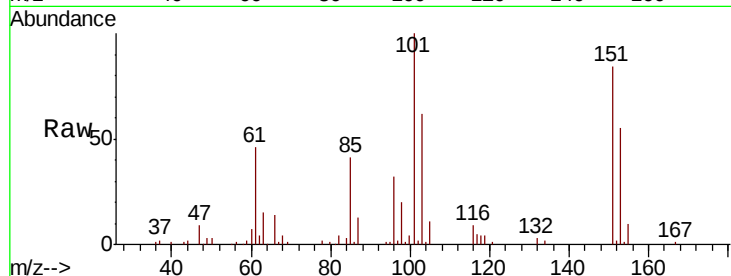
Tot Ion:101 Resp: 147563

Ion Ratio Lower Upper

101 100

85 40.8 33.4 50.2

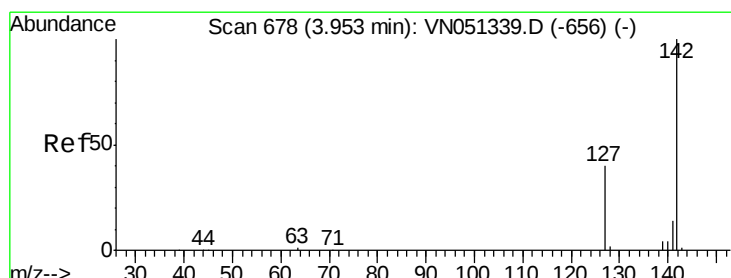
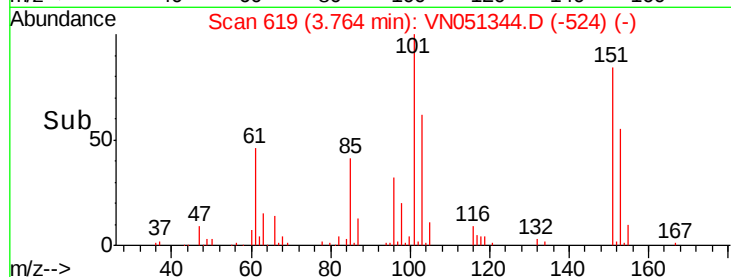
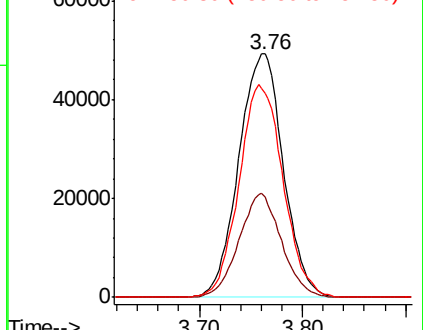
151 86.4 71.8 107.6



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: 19.13 ug/l

RT: 3.95 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

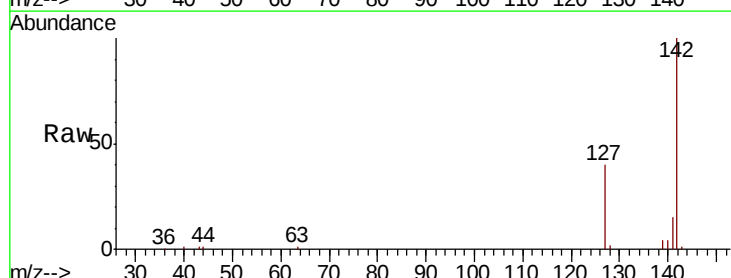
Tgt Ion:142 Resp: 209339

Ion Ratio Lower Upper

142 100

127 40.1 31.9 47.9

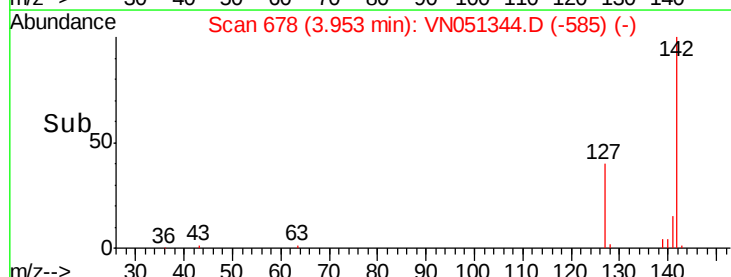
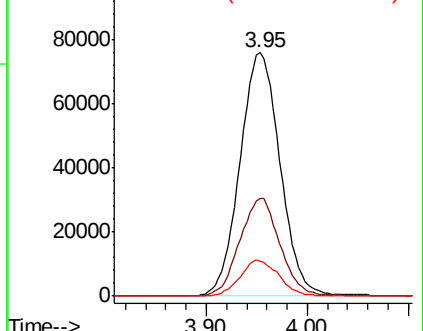
141 14.2 11.4 17.0

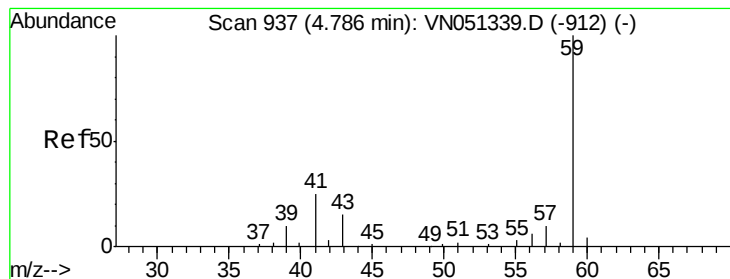


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



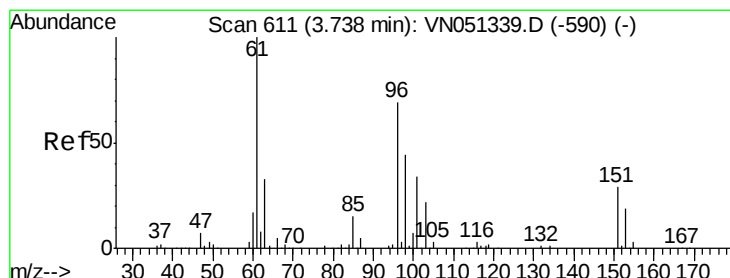
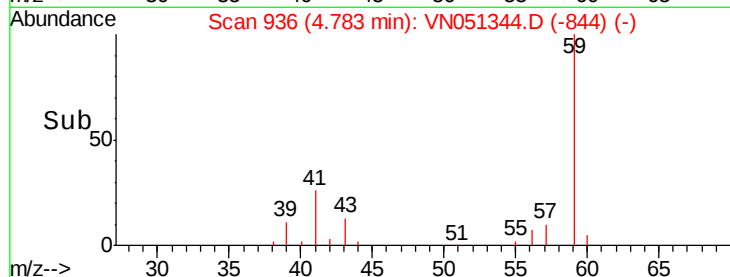
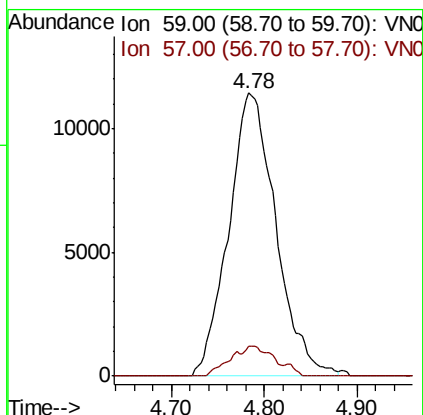
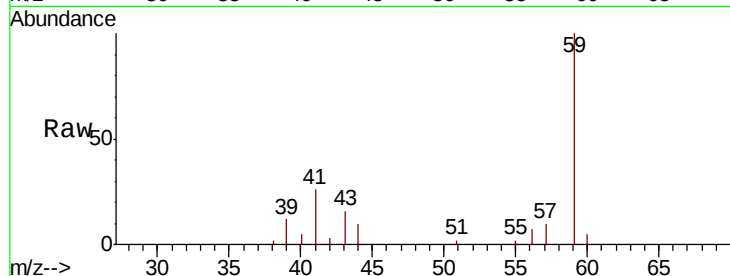


#11

Tert butyl alcohol
 Concen: 98.25 ug/l
 RT: 4.78 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VN051344.D
 Acq: 20 Sep 2018 17:17

Instrument :
 MSVOA_N
 ClientSampled :
 VN0920WBS01

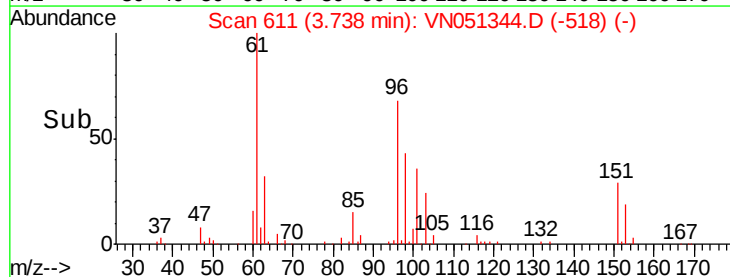
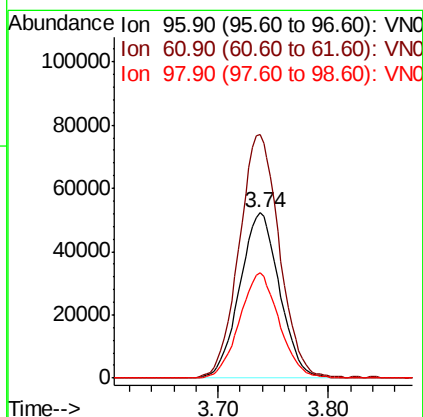
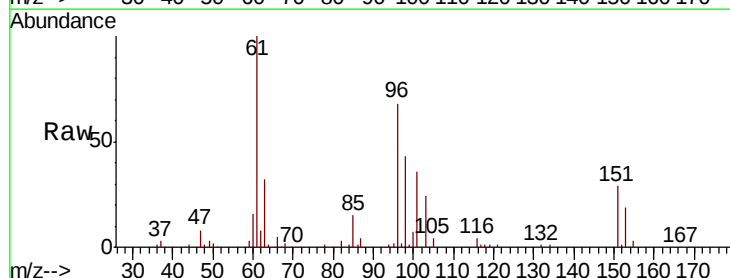
Tot Ion: 59 Resp: 40408
 Ion Ratio Lower Upper
 59 100
 57 9.2 8.3 12.5

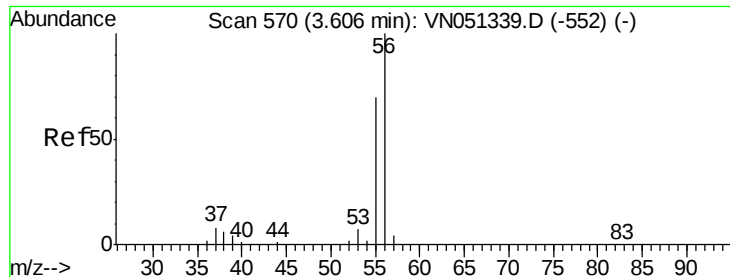


#12

1,1-Dichloroethene
 Concen: 19.50 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN051344.D
 Acq: 20 Sep 2018 17:17

Tgt Ion: 96 Resp: 130528
 Ion Ratio Lower Upper
 96 100
 61 147.5 116.4 174.6
 98 63.6 50.9 76.3





#13

Acrolein

Concen: 105.37 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

Instrument :

MSVOA_N

ClientSampleId :

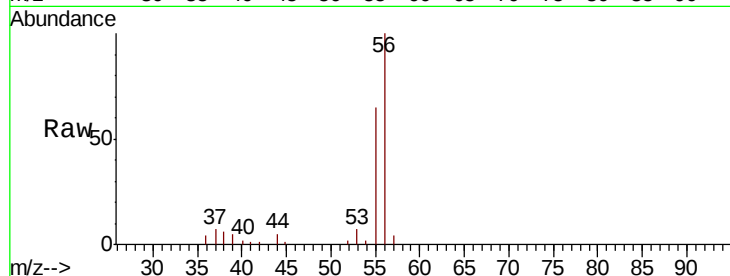
VN0920WBS01

Tot Ion: 56 Resp: 49601

Ion Ratio Lower Upper

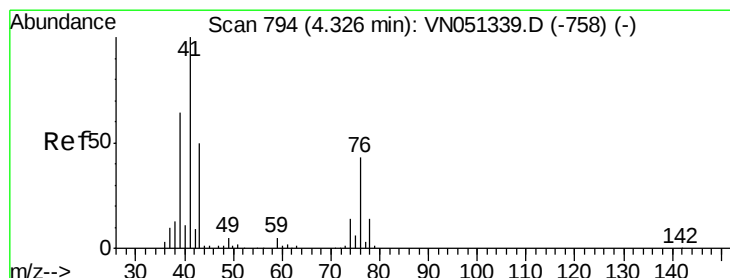
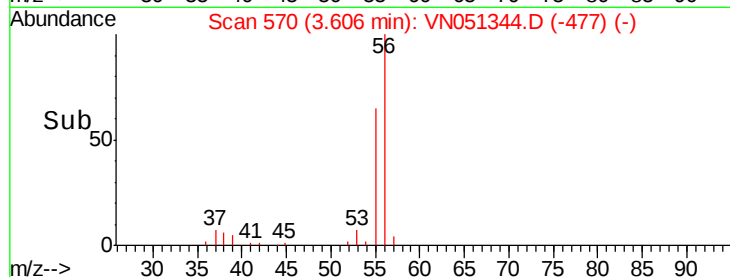
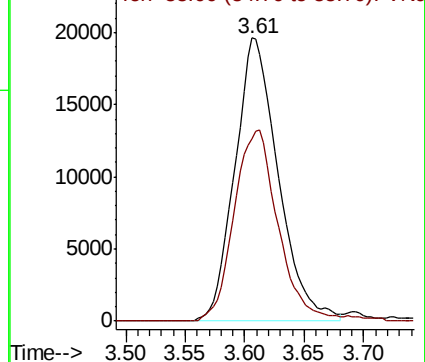
56 100

55 68.2 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.82 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

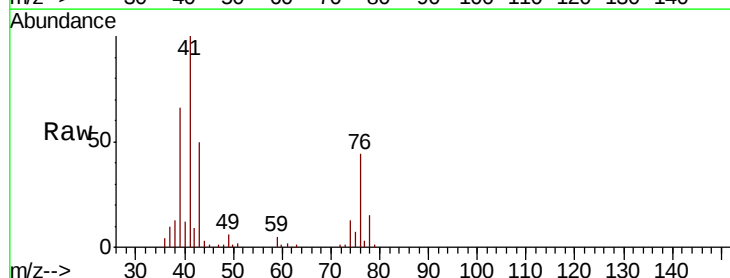
Tgt Ion: 41 Resp: 187017

Ion Ratio Lower Upper

41 100

39 62.5 50.4 75.6

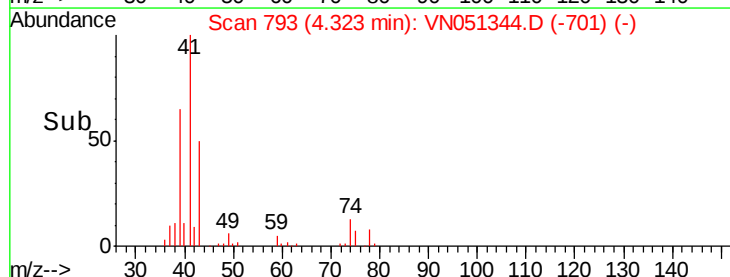
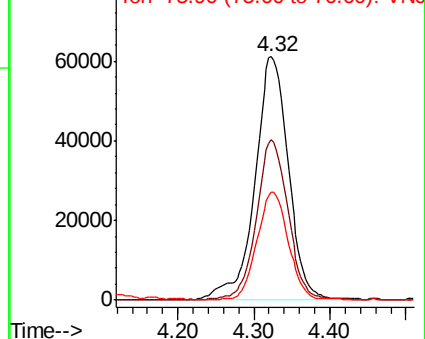
76 40.3 32.4 48.6

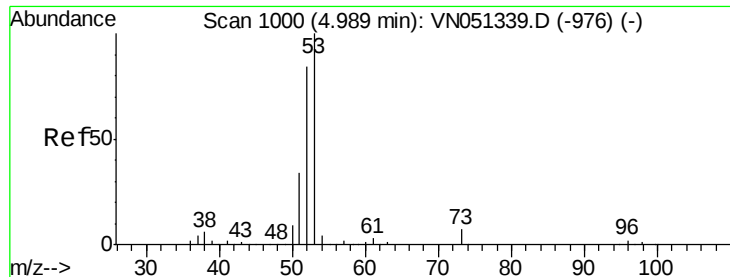


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 97.13 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBS01

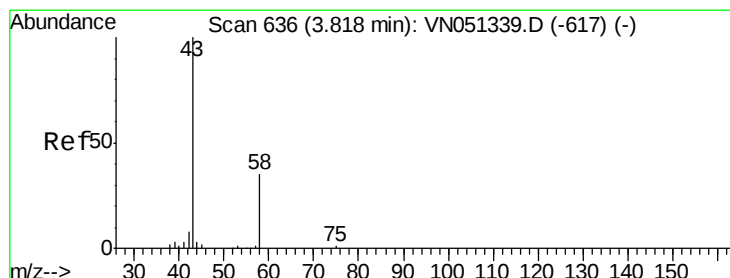
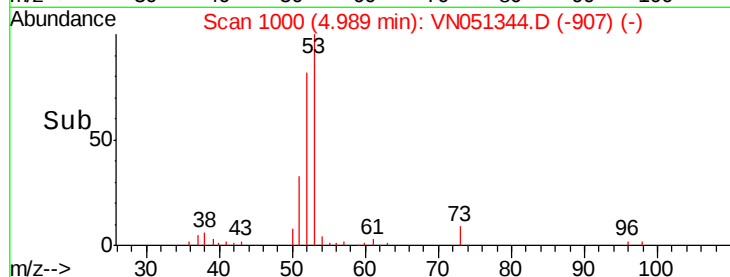
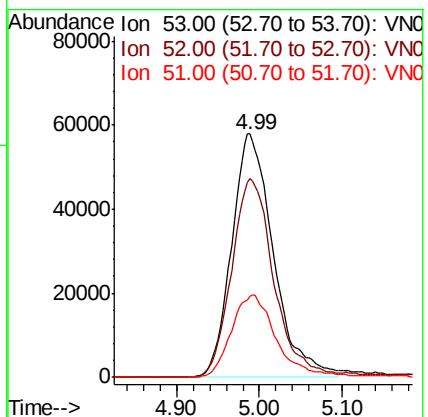
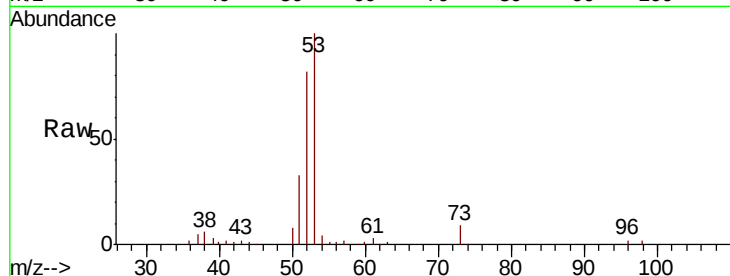
Tot Ion: 53 Resp: 202452

Ion Ratio Lower Upper

53 100

52 82.2 65.4 98.0

51 36.5 28.3 42.5



#16

Acetone

Concen: 88.20 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN051344.D

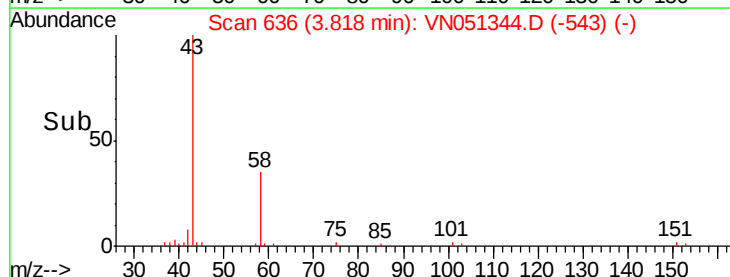
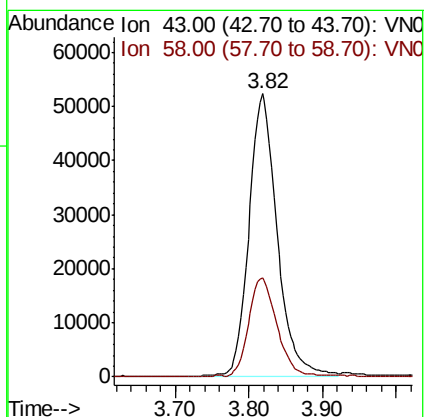
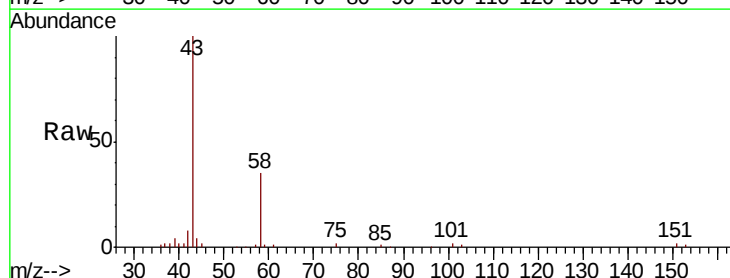
Acq: 20 Sep 2018 17:17

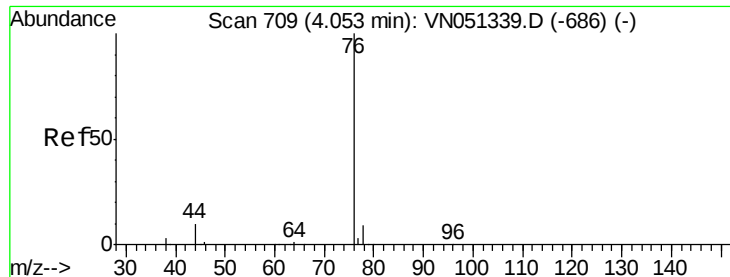
Tgt Ion: 43 Resp: 140559

Ion Ratio Lower Upper

43 100

58 34.8 28.3 42.5

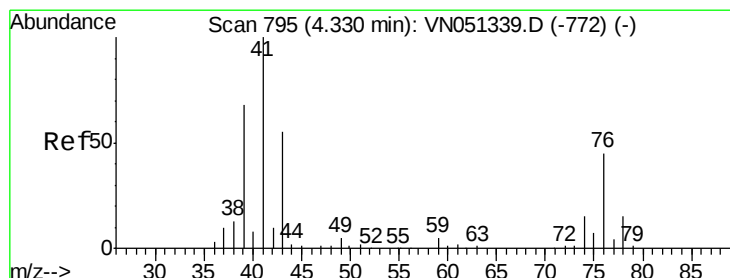
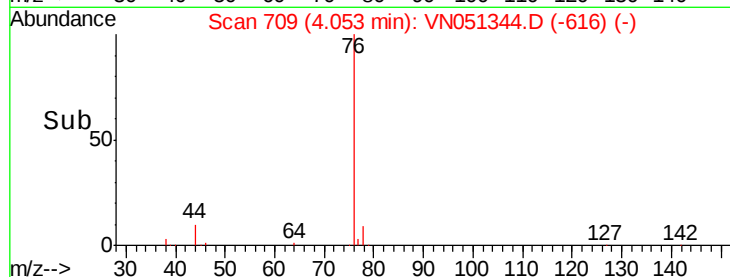
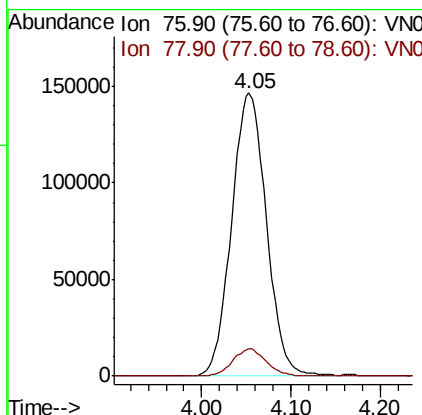
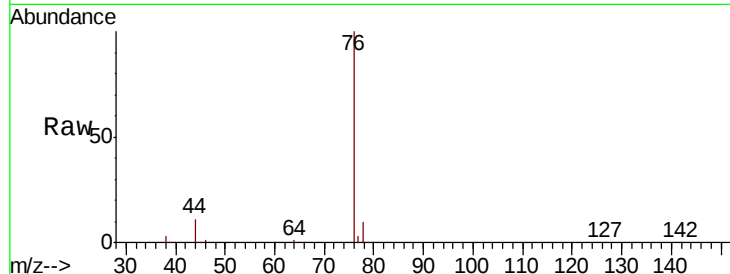




#17
Carbon Disulfide
Concen: 19.62 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.00 min
Lab File: VN051344.D
Acq: 20 Sep 2018 17:17

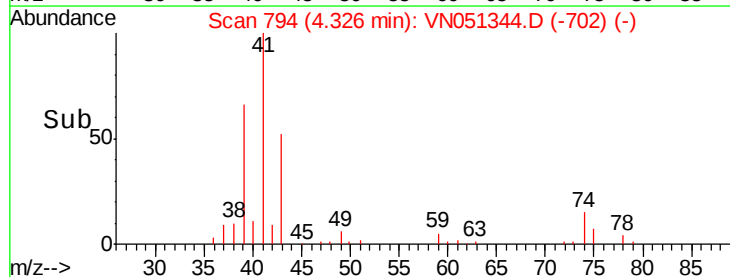
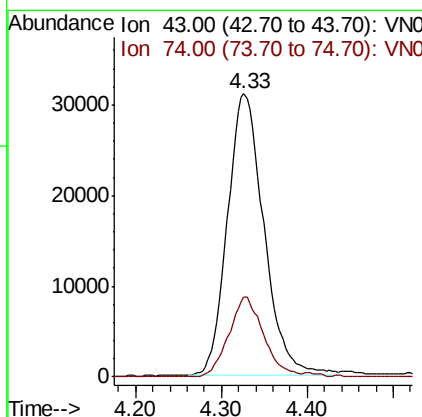
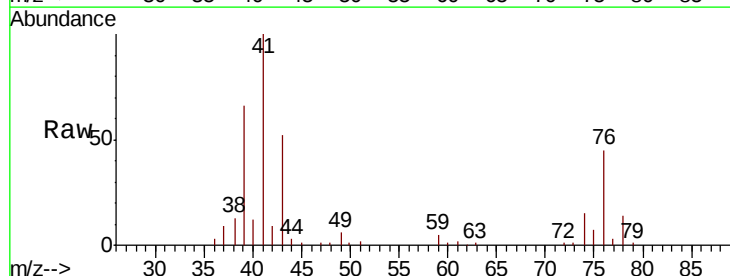
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

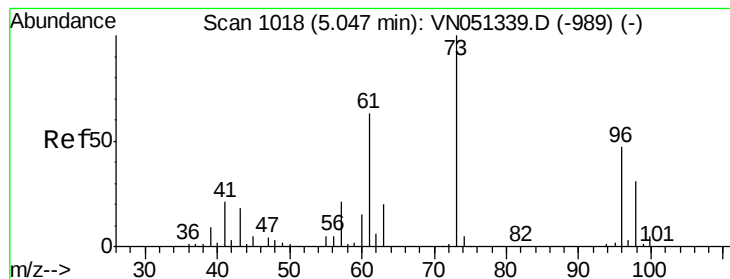
Tot Ion: 76 Resp: 395890
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.6



#18
Methyl Acetate
Concen: 16.75 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN051344.D
Acq: 20 Sep 2018 17:17

Tgt Ion: 43 Resp: 91707
Ion Ratio Lower Upper
43 100
74 26.9 21.7 32.5





#19

Methyl tert-butyl Ether

Concen: 20.63 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

Instrument :

MSVOA_N

ClientSampled :

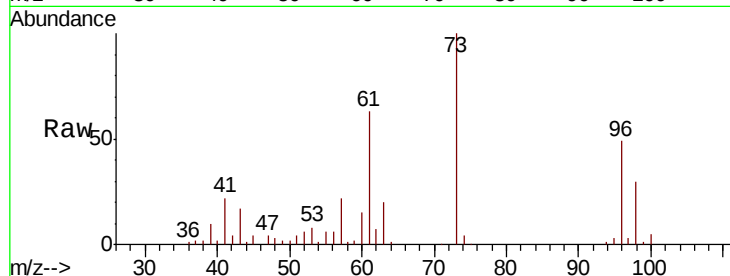
VN0920WBS01

Tot Ion: 73 Resp: 334318

Ion Ratio Lower Upper

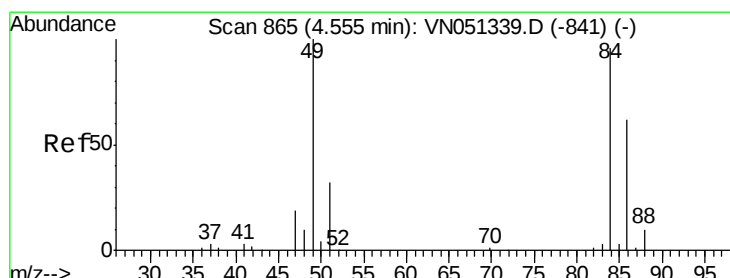
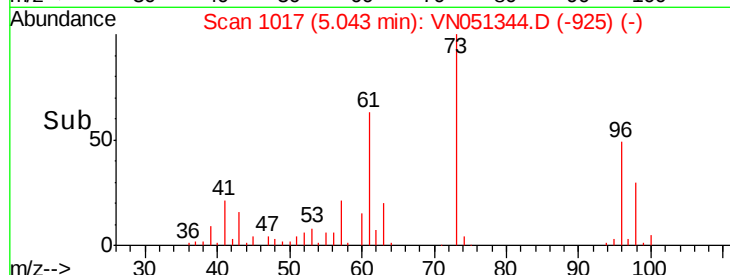
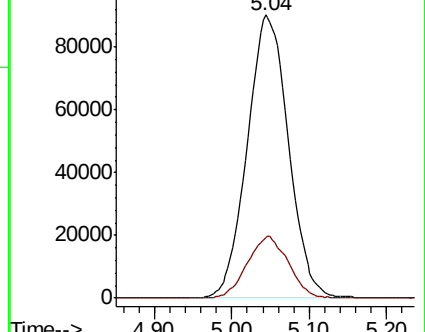
73 100

57 21.6 16.9 25.3



Abundance Ion 73.00 (72.70 to 73.70): VN051339.D (-989) (-)

Ion 57.00 (56.70 to 57.70): VN051339.D (-989) (-)



#20

Methylene Chloride

Concen: 19.08 ug/l

RT: 4.55 min Scan# 865

Delta R.T. -0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

Tgt Ion: 84 Resp: 152138

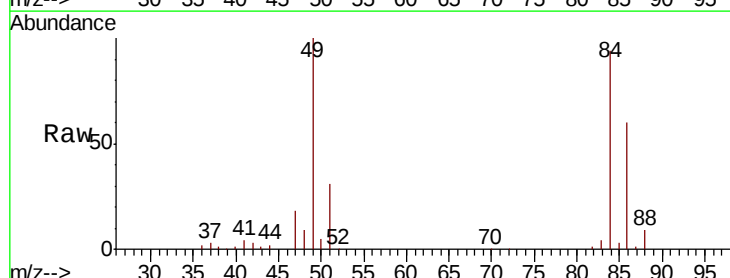
Ion Ratio Lower Upper

84 100

49 106.7 83.2 124.8

51 33.5 26.4 39.6

86 64.5 51.4 77.0

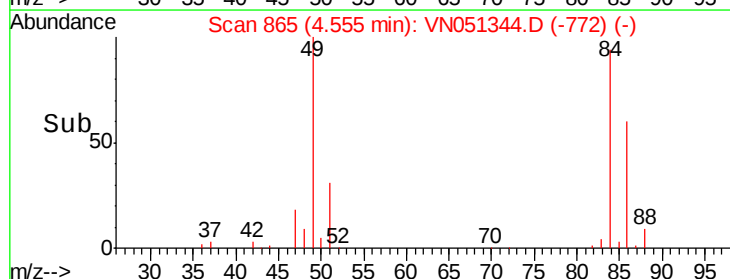
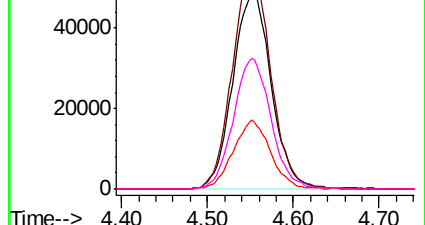


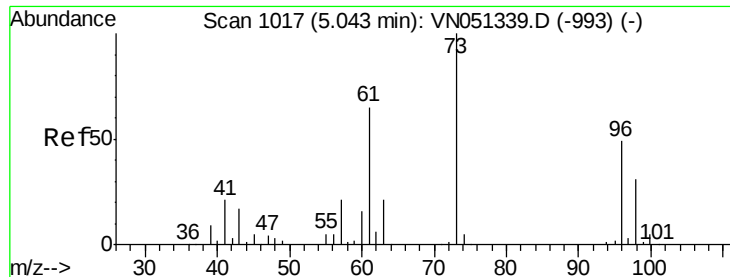
Abundance Ion 83.90 (83.60 to 84.60): VN051339.D (-841) (-)

Ion 48.90 (48.60 to 49.60): VN051339.D (-841) (-)

Ion 50.90 (50.60 to 51.60): VN051339.D (-841) (-)

Ion 85.90 (85.60 to 86.60): VN051339.D (-841) (-)





#21

trans-1,2-Dichloroethene

Concen: 20.23 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

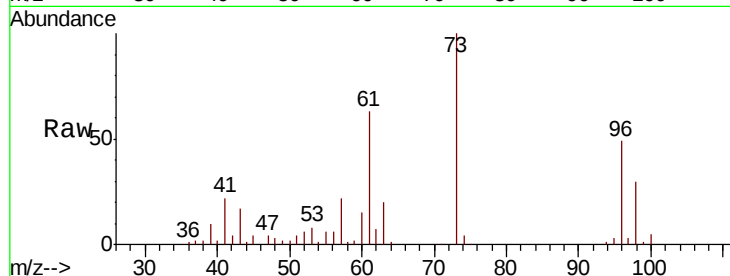
Tot Ion: 96 Resp: 143046

Ion Ratio Lower Upper

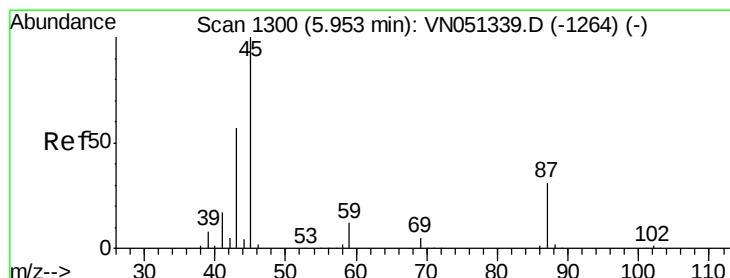
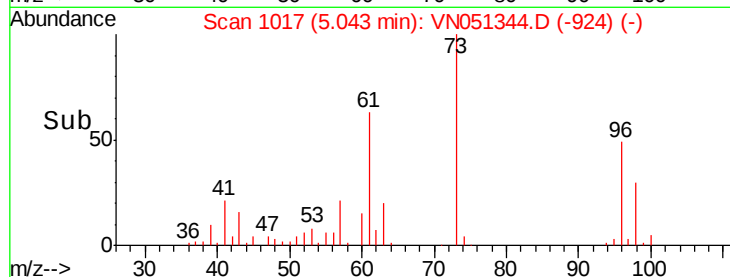
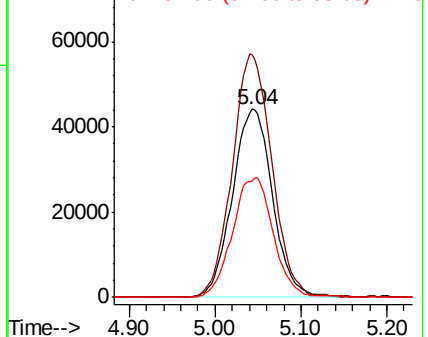
96 100

61 129.1 106.2 159.4

98 62.2 51.0 76.6



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: 21.45 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. -0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

Tgt Ion: 45 Resp: 399784

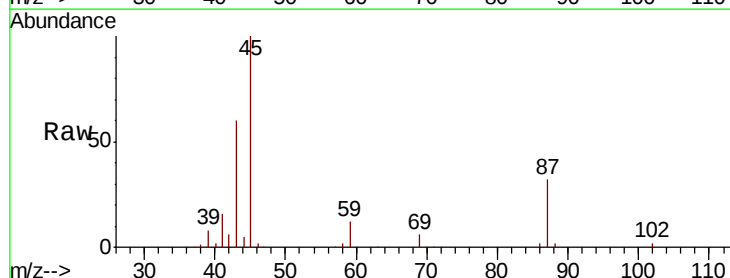
Ion Ratio Lower Upper

45 100

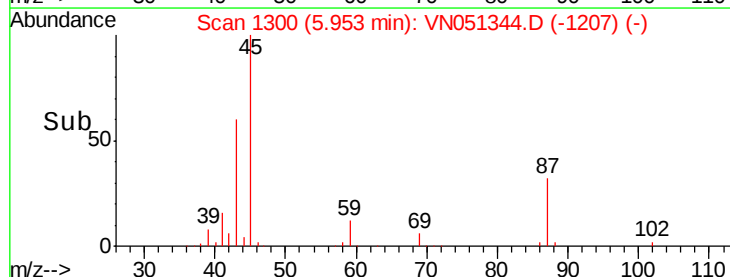
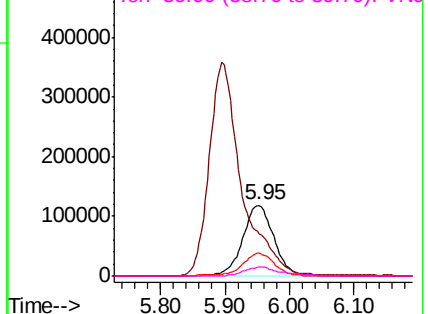
43 58.2 46.1 69.1

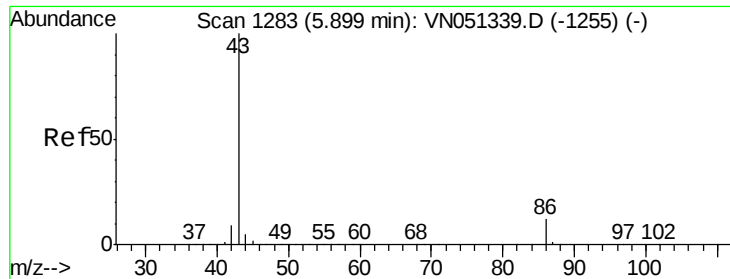
87 32.2 25.6 38.4

59 12.0 9.9 14.9



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: 103.59 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

Instrument :

MSVOA_N

ClientSampleId :

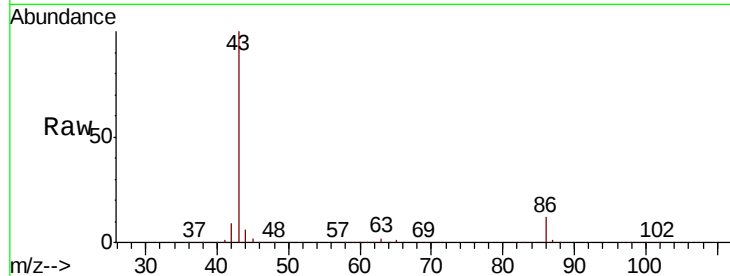
VN0920WBS01

Tot Ion: 43 Resp: 1248989

Ion Ratio Lower Upper

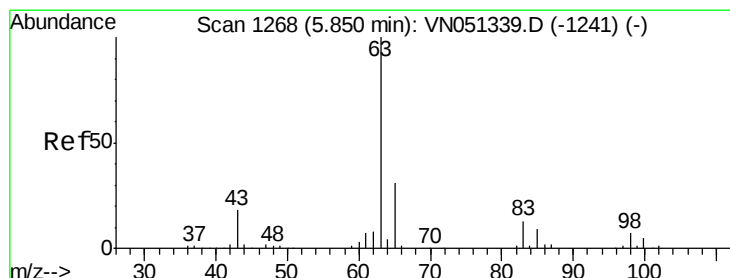
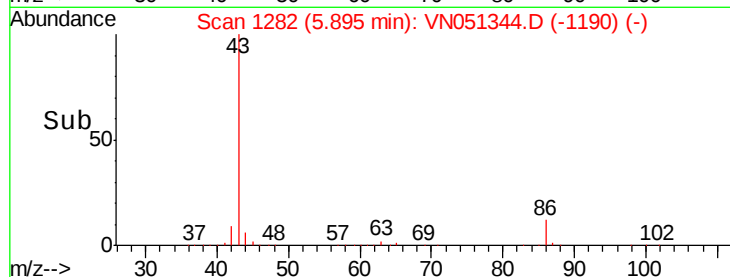
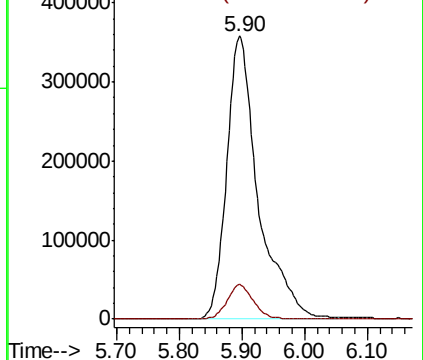
43 100

86 12.2 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.95 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

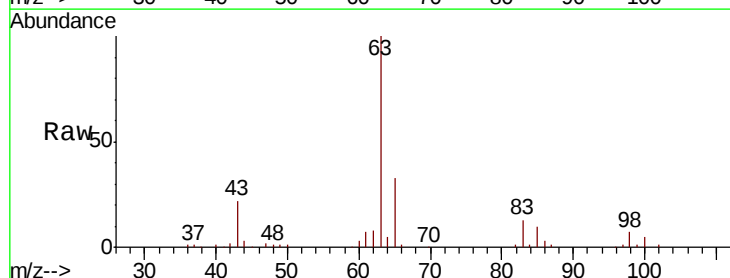
Tgt Ion: 63 Resp: 253478

Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.2

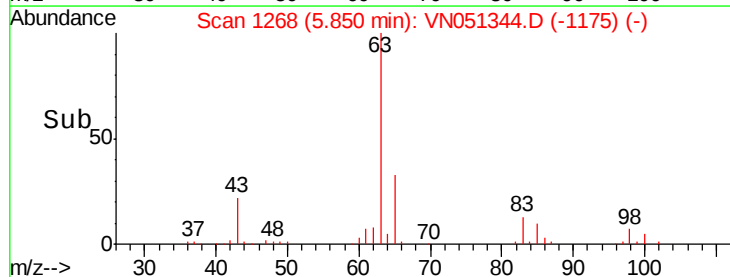
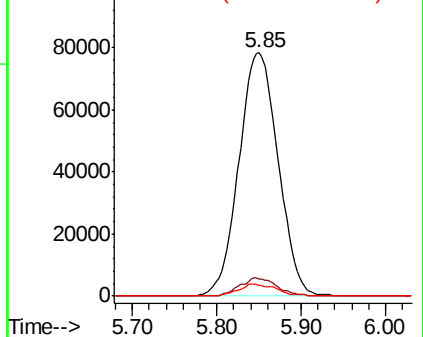
100 4.5 2.3 6.9

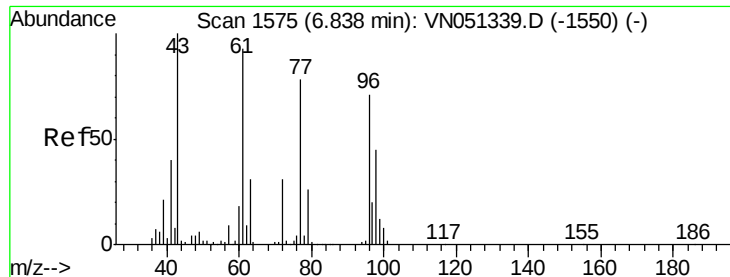


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 95.97 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. -0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

Instrument :

MSVOA_N

ClientSampleId :

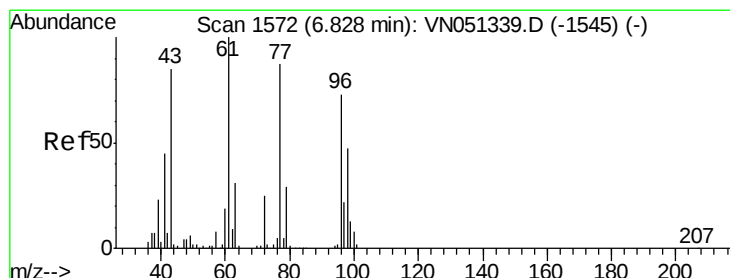
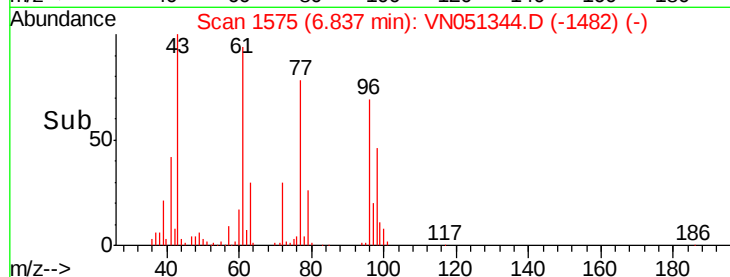
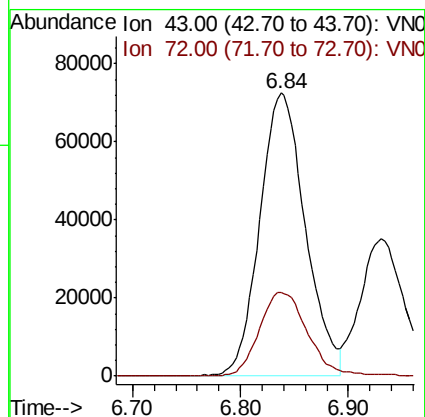
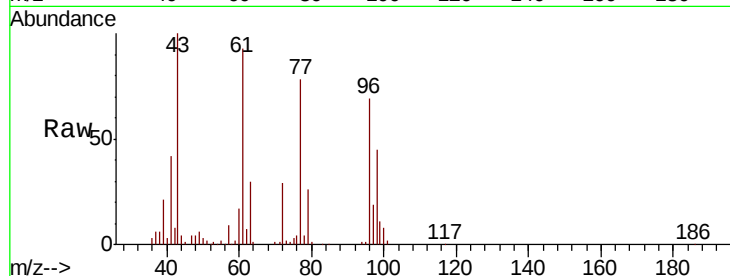
VN0920WBS01

Tot Ion: 43 Resp: 212727

Ion Ratio Lower Upper

43 100

72 29.5 24.7 37.1



#26

2,2-Dichloropropane

Concen: 19.81 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN051344.D

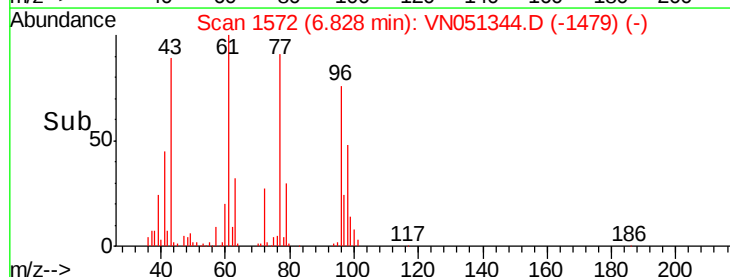
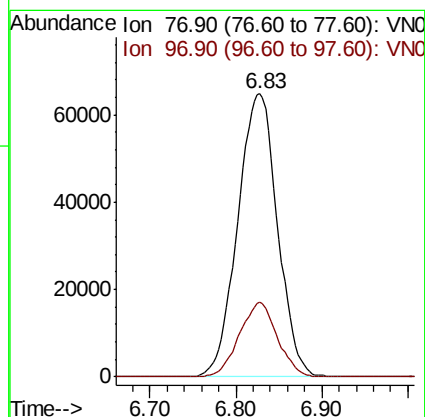
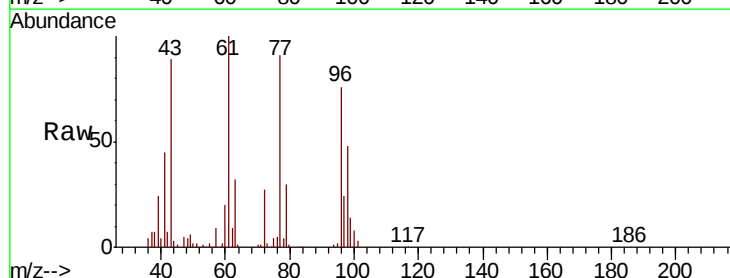
Acq: 20 Sep 2018 17:17

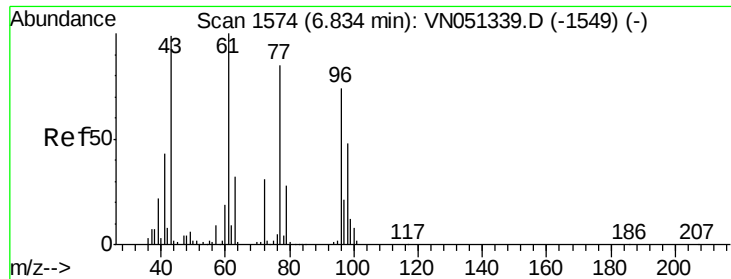
Tgt Ion: 77 Resp: 208038

Ion Ratio Lower Upper

77 100

97 25.1 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 20.25 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBS01

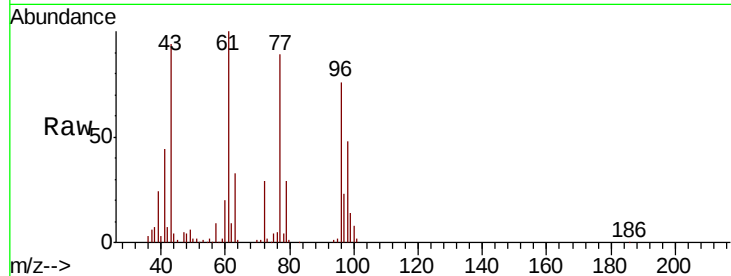
Tot Ion: 96 Resp: 158663

Ion Ratio Lower Upper

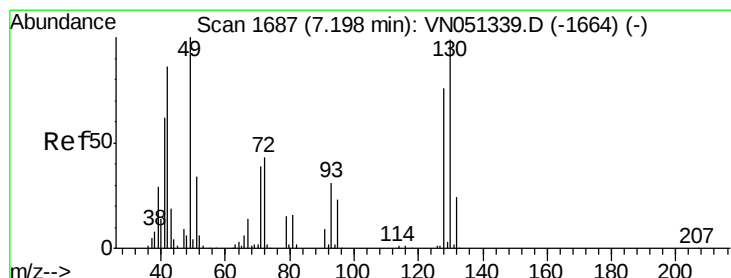
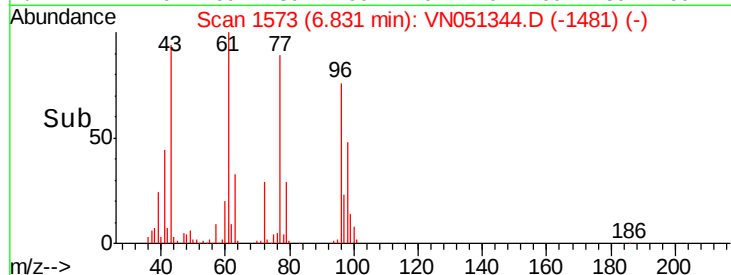
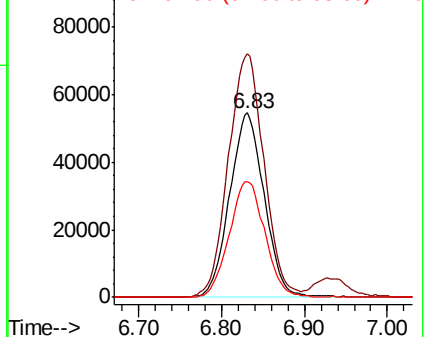
96 100

61 135.6 0.0 271.2

98 64.7 0.0 131.2



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.20 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

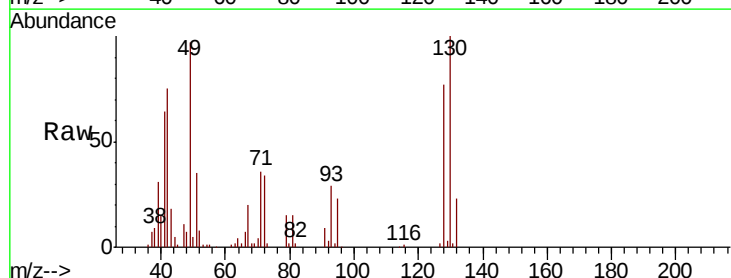
Tgt Ion: 49 Resp: 101126

Ion Ratio Lower Upper

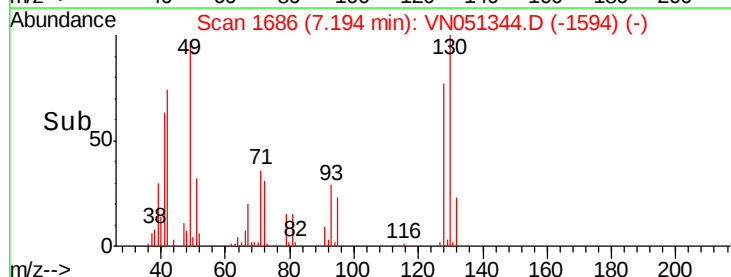
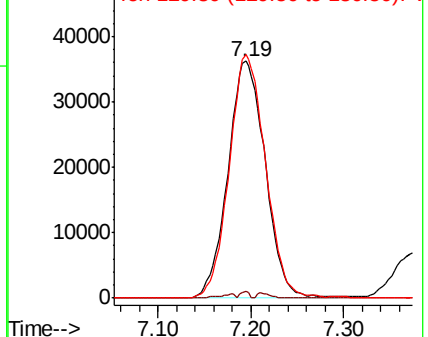
49 100

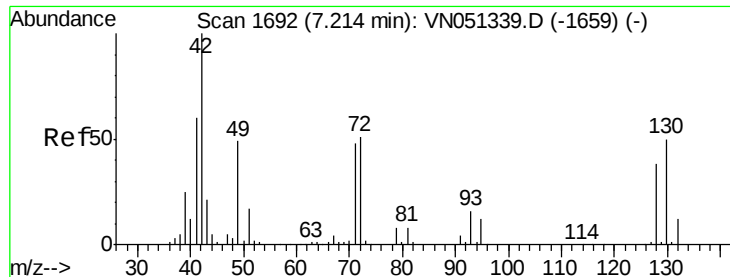
129 0.7 0.0 4.0

130 99.9 77.4 116.2



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 100.65 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBS01

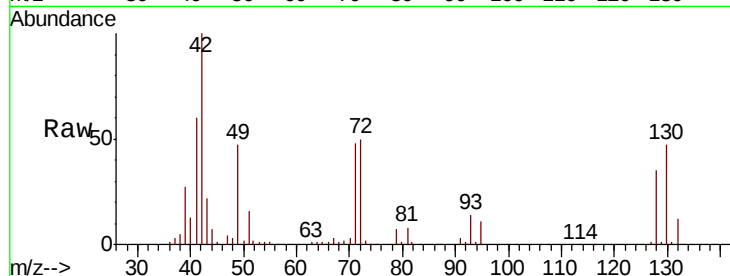
Tot Ion: 42 Resp: 141336

Ion Ratio Lower Upper

42 100

72 48.3 39.0 58.4

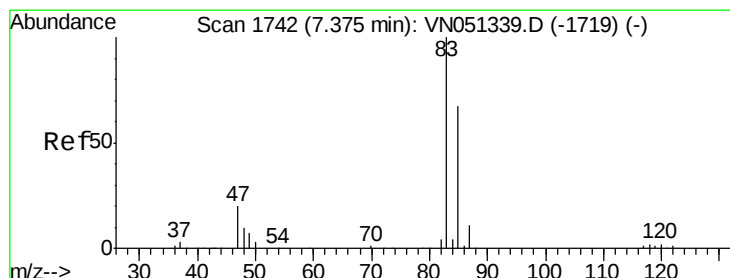
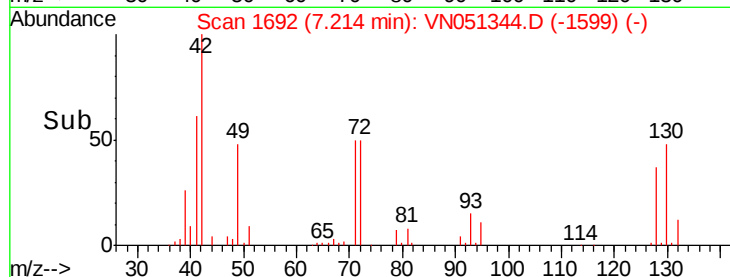
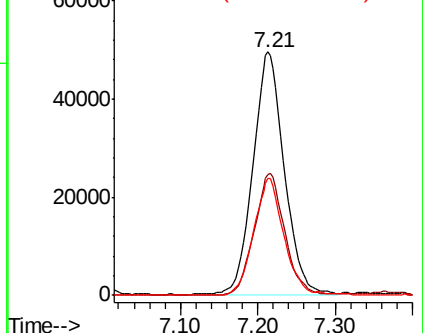
71 46.2 36.5 54.7



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: 19.44 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VN051344.D

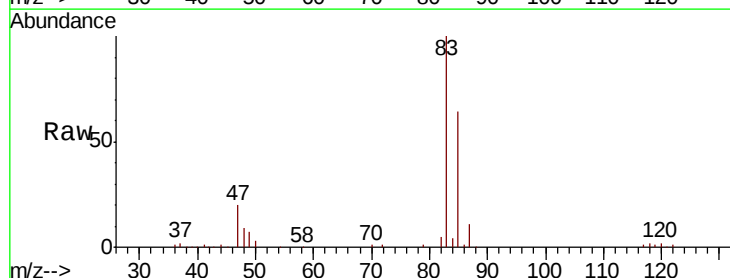
Acq: 20 Sep 2018 17:17

Tgt Ion: 83 Resp: 259597

Ion Ratio Lower Upper

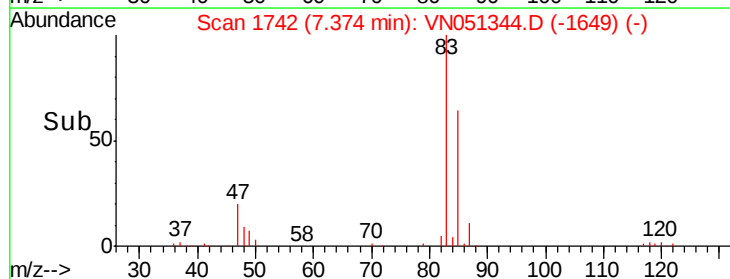
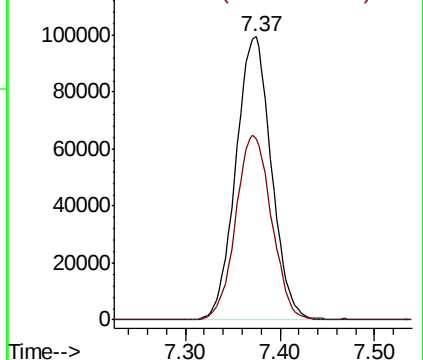
83 100

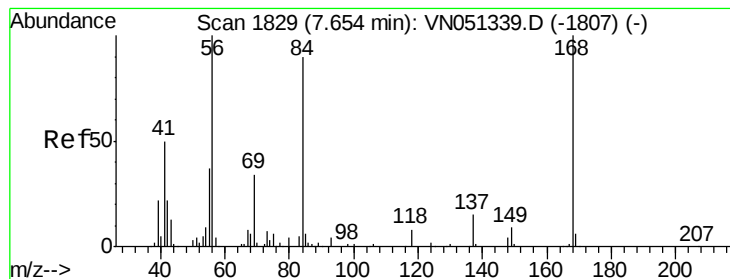
85 64.1 53.2 79.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 18.13 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

Instrument :

MSVOA_N

ClientSampled :

VN0920WBS01

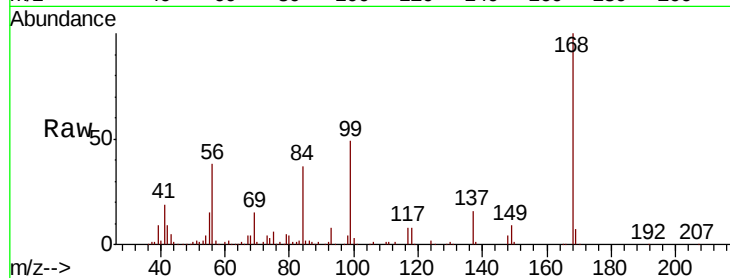
Tot Ion: 56 Resp: 226647

Ion Ratio Lower Upper

56 100

69 39.4 27.3 40.9

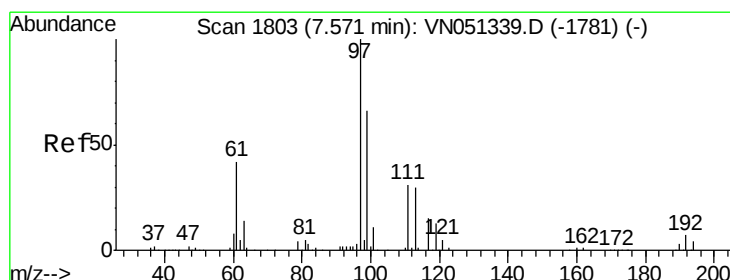
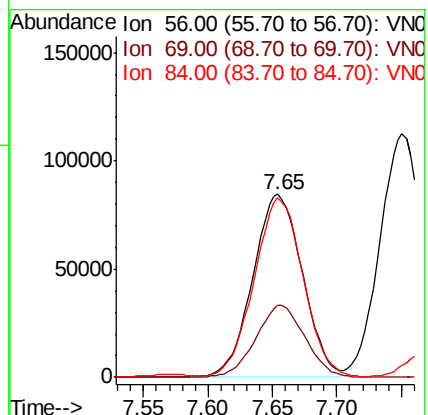
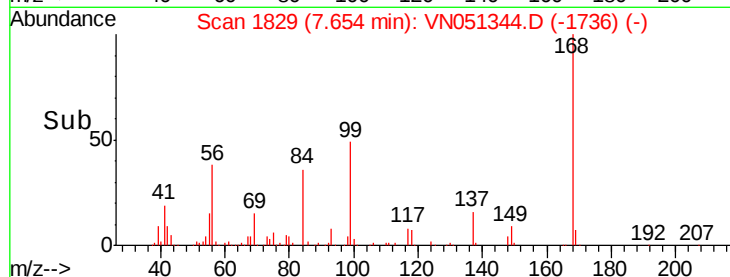
84 96.8 72.2 108.2



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: 20.00 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

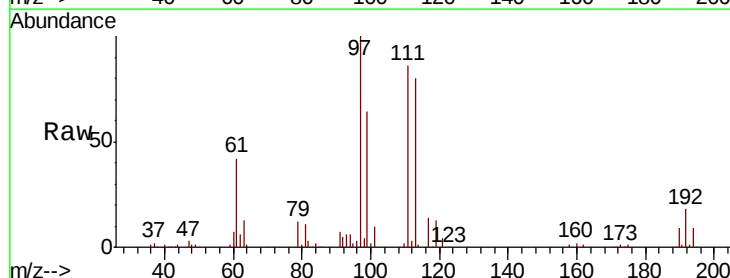
Tgt Ion: 97 Resp: 230168

Ion Ratio Lower Upper

97 100

99 64.0 51.1 76.7

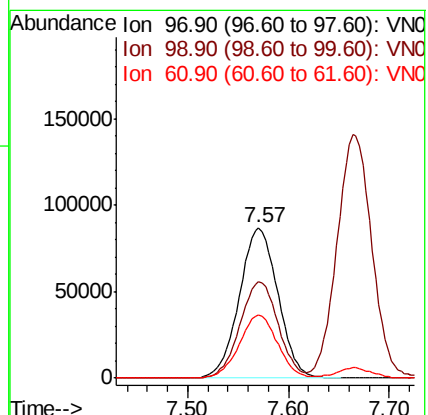
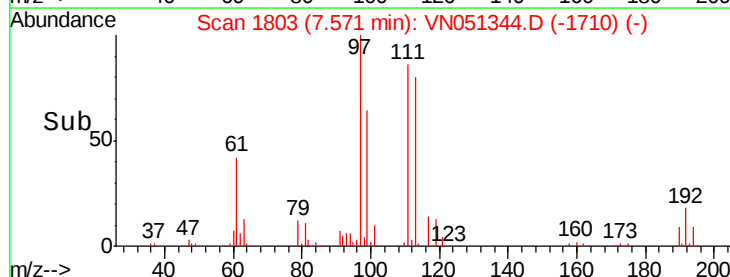
61 41.6 33.2 49.8

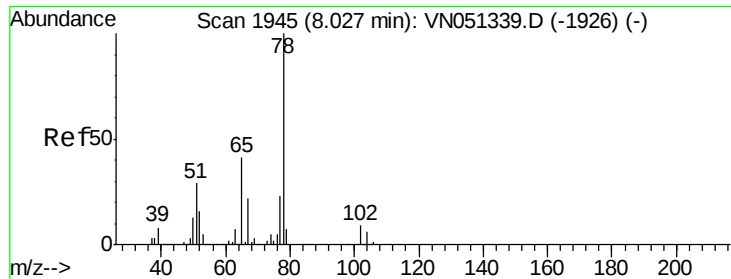


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

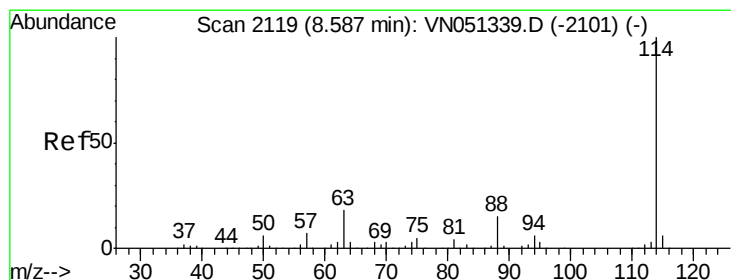
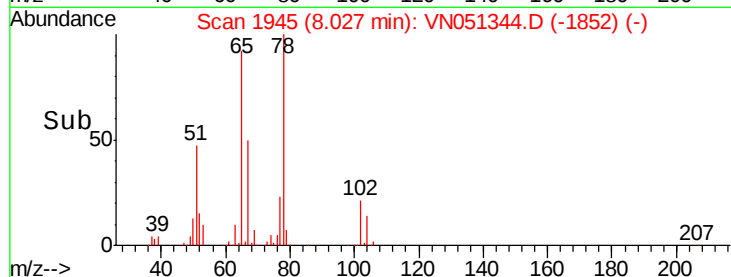
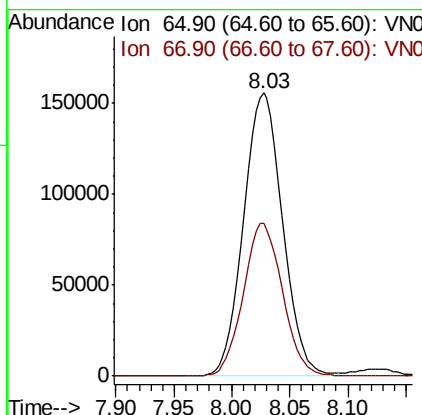
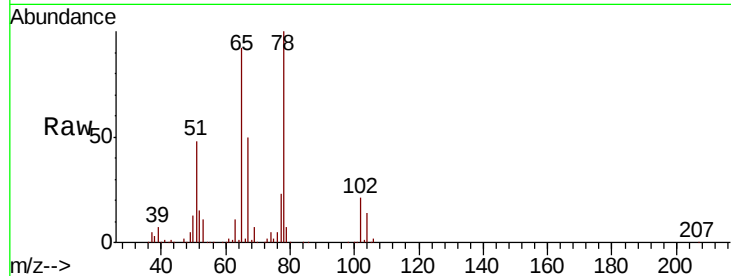




#33
 1,2-Dichloroethane-d4
 Concen: 47.13 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051344.D
 Acq: 20 Sep 2018 17:17

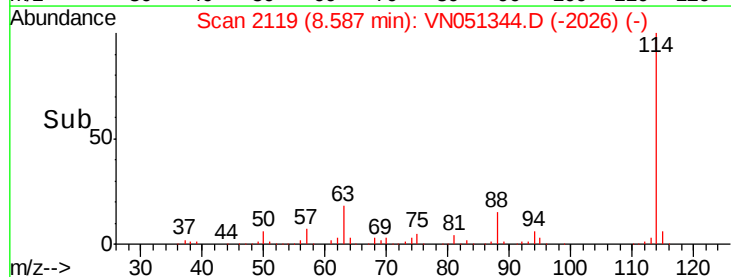
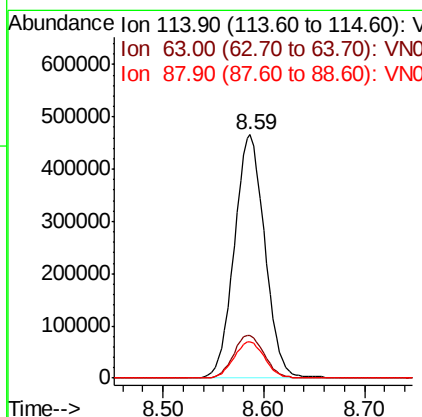
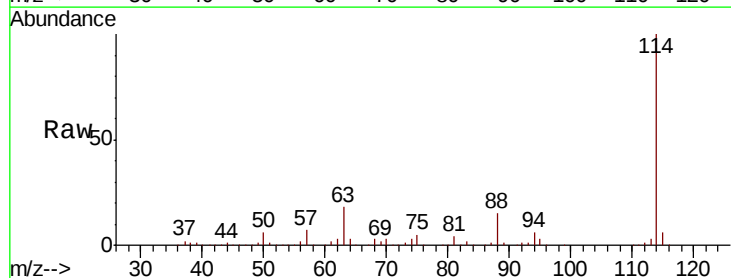
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBS01

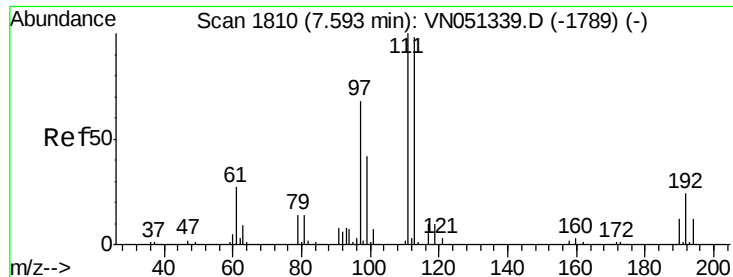
Tot Ion: 65 Resp: 365592
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051344.D
 Acq: 20 Sep 2018 17:17

Tgt Ion: 114 Resp: 975381
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 36.6
 88 14.9 0.0 29.8

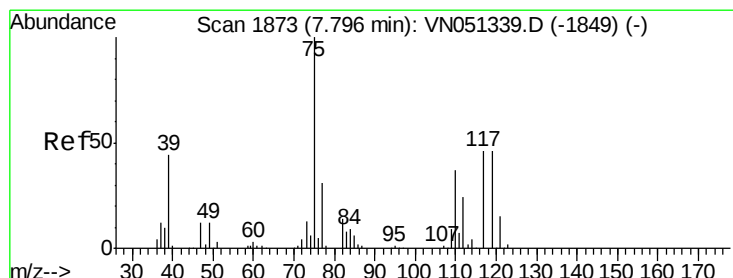
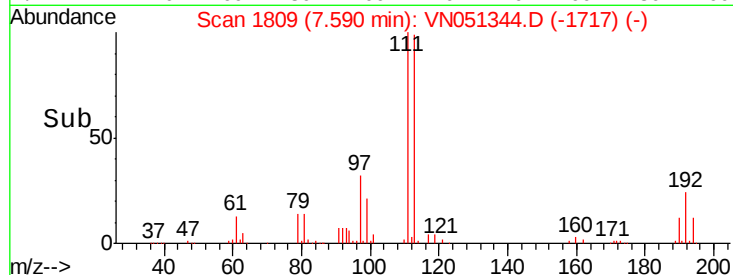
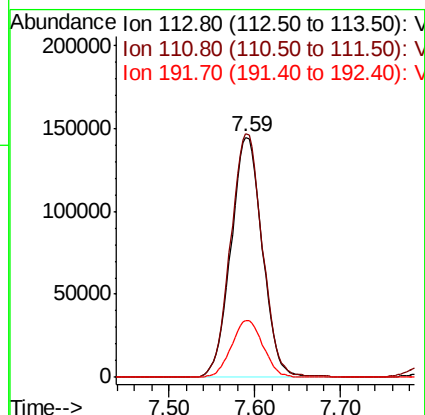
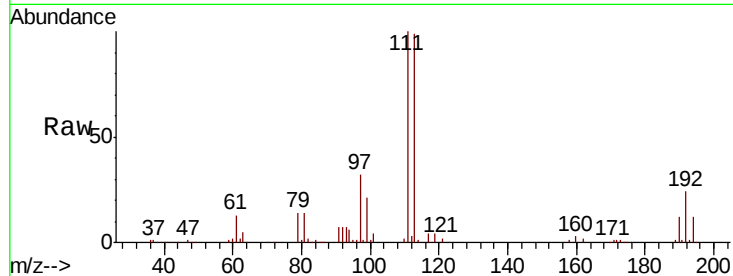




#35
 Dibromofluoromethane
 Concen: 46.51 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051344.D
 Acq: 20 Sep 2018 17:17

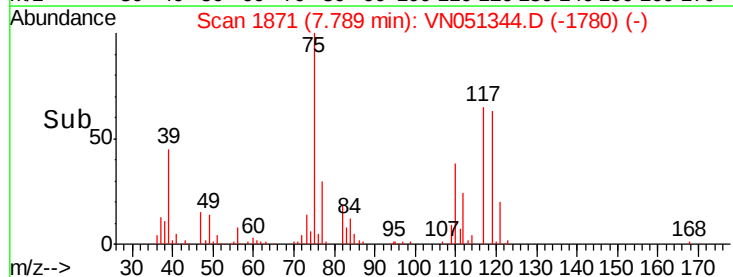
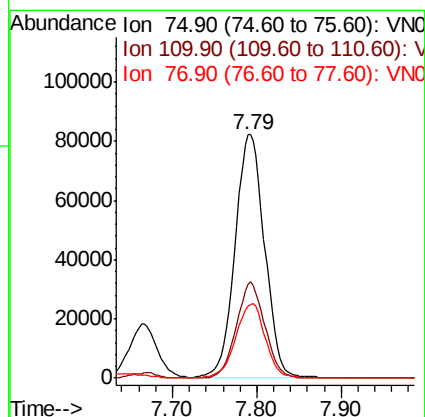
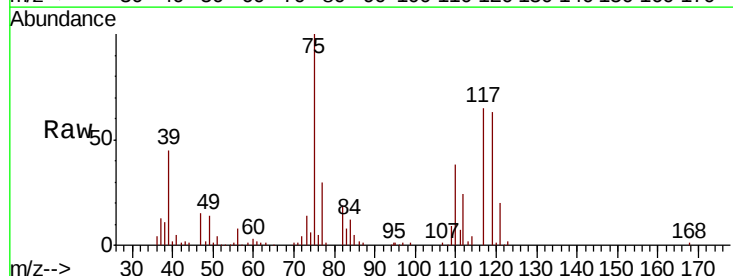
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBS01

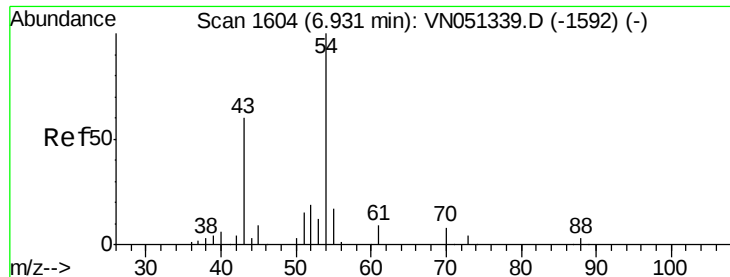
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.9	122.9
192	23.9	19.8	29.6



#36
 1,1-Dichloropropene
 Concen: 20.18 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: VN051344.D
 Acq: 20 Sep 2018 17:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.7	18.9	56.5
77	30.8	25.4	38.2

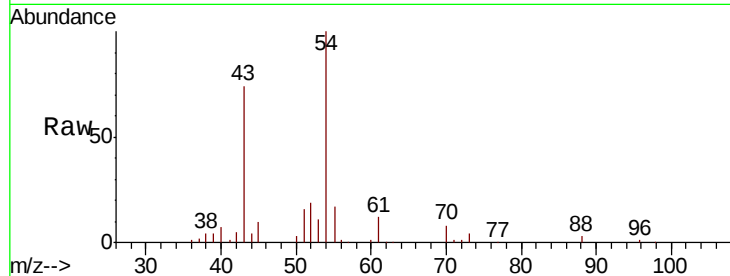




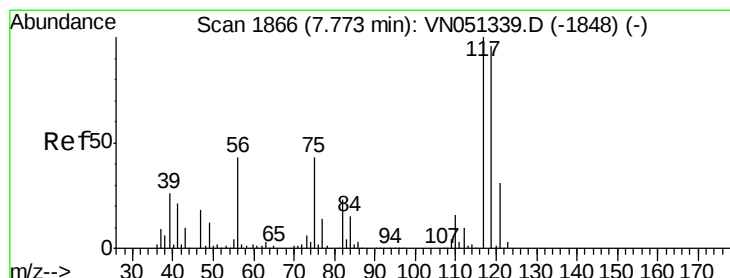
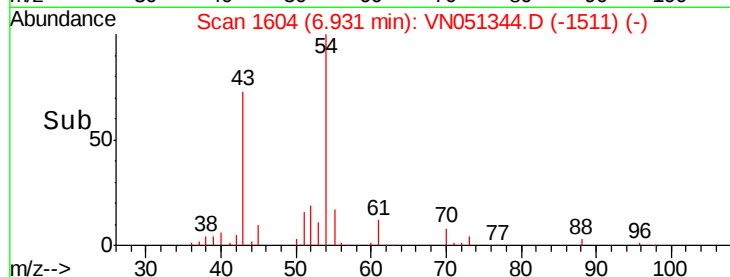
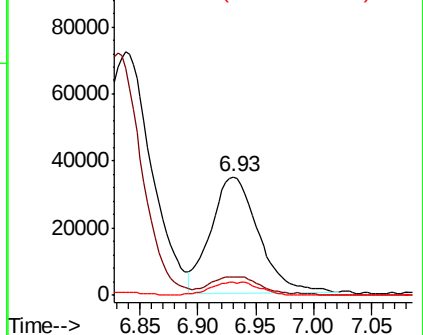
#37
Ethyl Acetate
Concen: 20.00 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN051344.D
Acq: 20 Sep 2018 17:17

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

Tot Ion: 43 Resp: 98790
Ion Ratio Lower Upper
43 100
61 15.6 13.6 20.4
70 6.6 9.4 14.2#

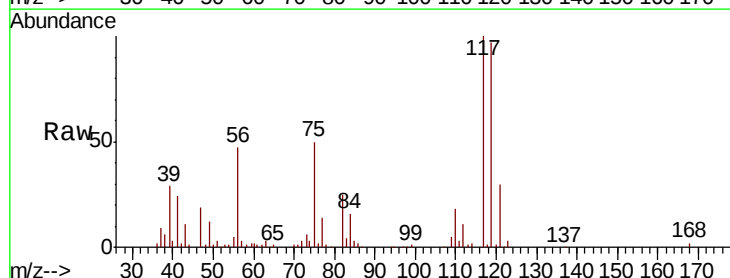


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

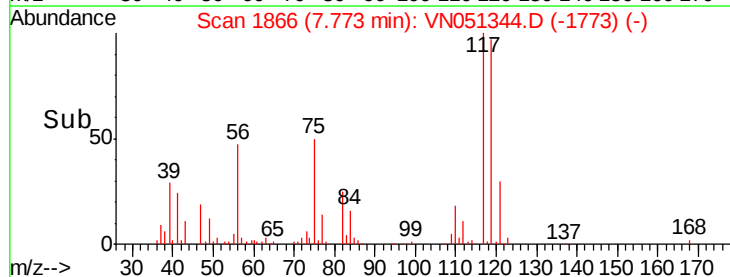
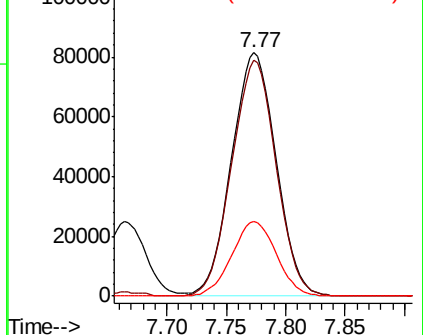


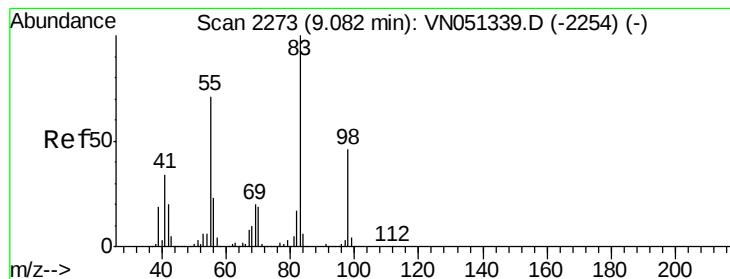
#38
Carbon Tetrachloride
Concen: 19.49 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051344.D
Acq: 20 Sep 2018 17:17

Tgt Ion: 117 Resp: 210340
Ion Ratio Lower Upper
117 100
119 97.0 77.0 115.4
121 30.6 25.0 37.4



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

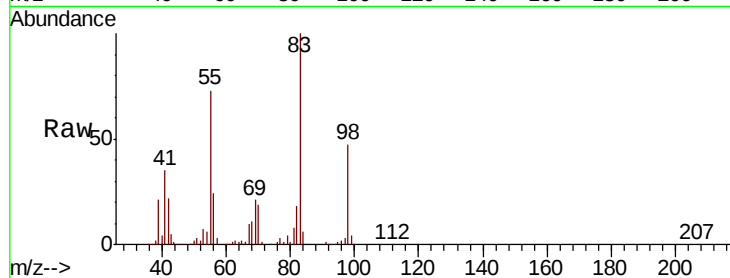




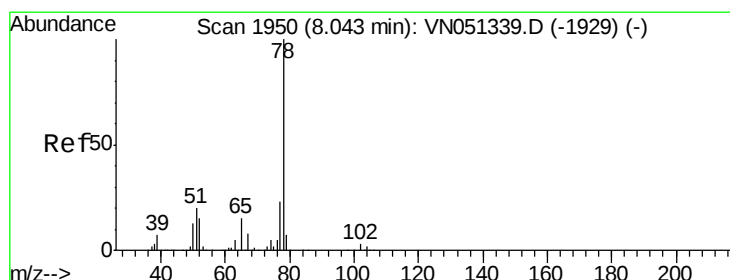
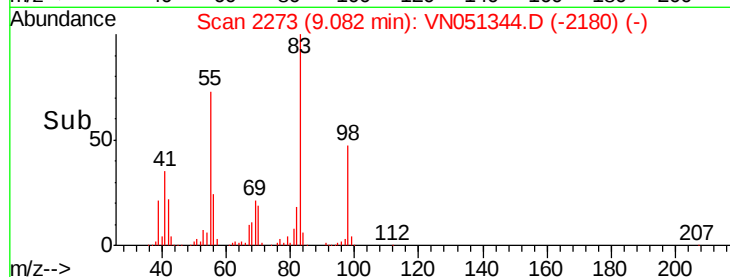
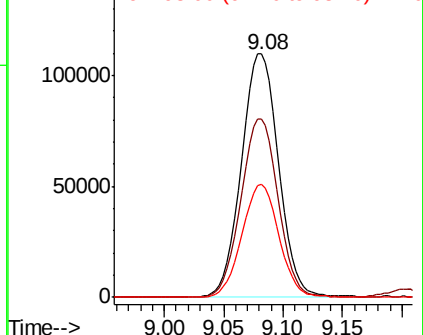
#39
Methvlcvclohexane
Concen: 20.44 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051344.D
Acq: 20 Sep 2018 17:17

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

Tot Ion: 83 Resp: 238024
Ion Ratio Lower Upper
83 100
55 73.3 56.5 84.7
98 46.6 36.7 55.1

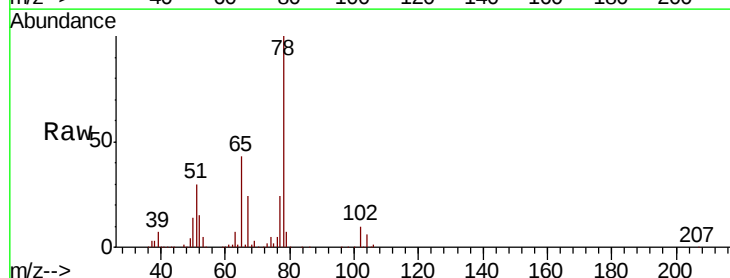


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

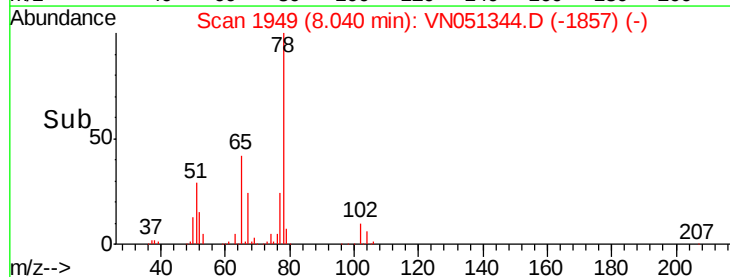
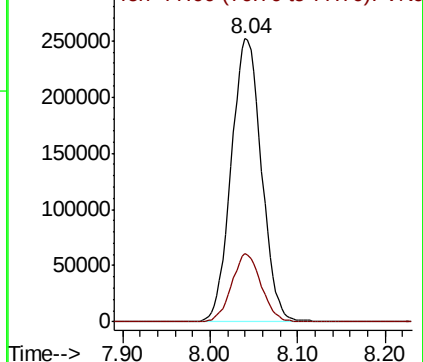


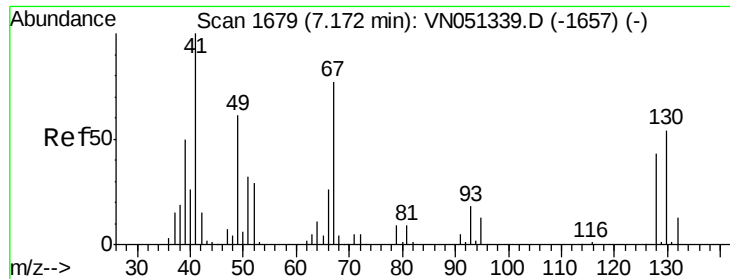
#40
Benzene
Concen: 20.15 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN051344.D
Acq: 20 Sep 2018 17:17

Tgt Ion: 78 Resp: 605702
Ion Ratio Lower Upper
78 100
77 24.1 18.5 27.7



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

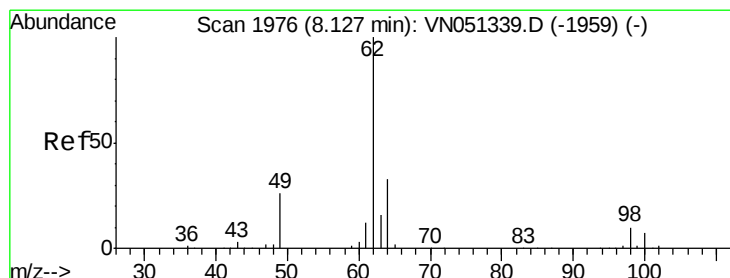
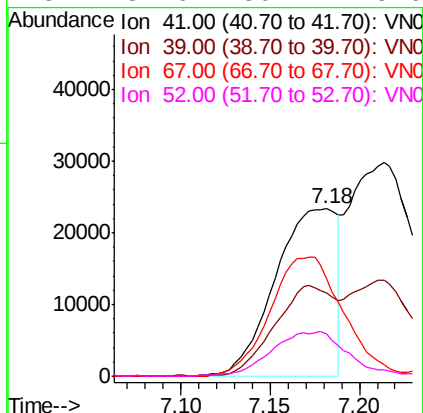
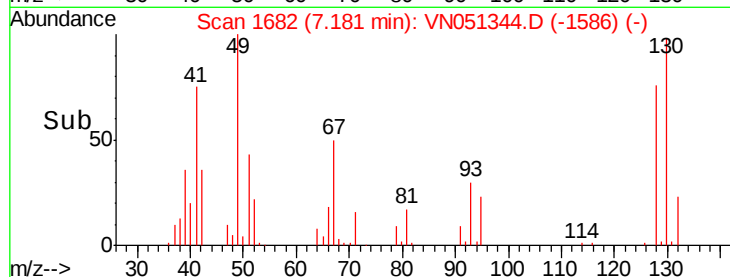
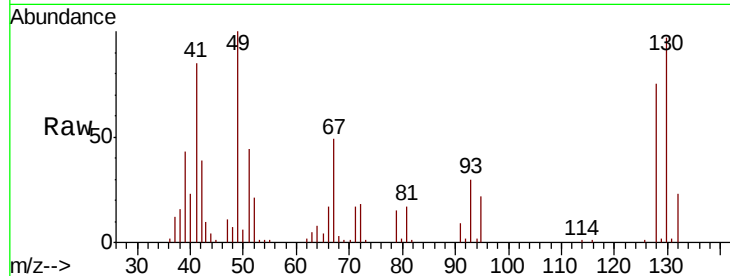




#41
Methacrylonitrile
Concen: 21.96 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.01 min
Lab File: VN051344.D
Acq: 20 Sep 2018 17:17

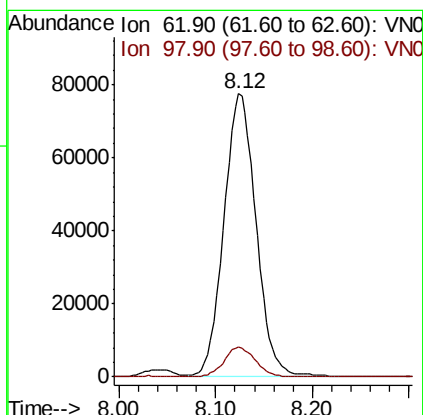
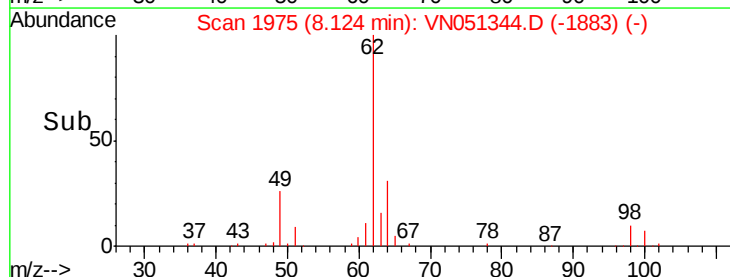
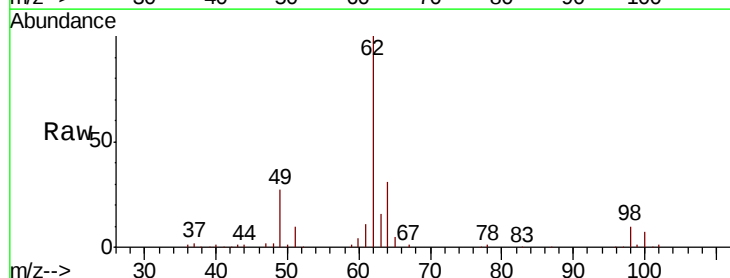
Instrument :
MSVOA_N
ClientSampled :
VN0920WBS01

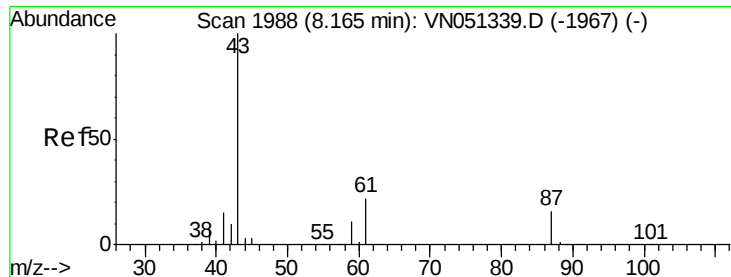
Tot Ion: 41 Resp: 56502
Ion Ratio Lower Upper
41 100
39 51.7 51.3 76.9
67 83.4 77.0 115.4
52 32.6 30.4 45.6



#42
1,2-Dichloroethane
Concen: 19.64 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN051344.D
Acq: 20 Sep 2018 17:17

Tgt Ion: 62 Resp: 178312
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.6





#43

Isopropyl Acetate

Concen: 20.55 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBS01

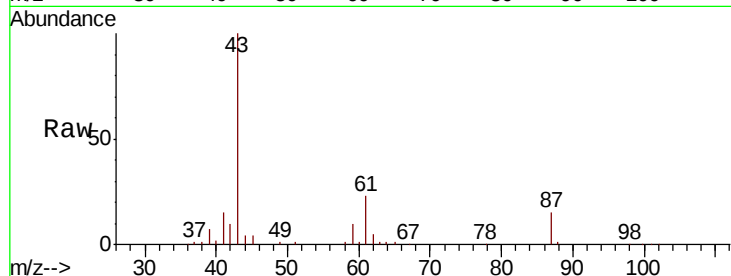
Tot Ion: 43 Resp: 177781

Ion Ratio Lower Upper

43 100

61 23.0 18.1 27.1

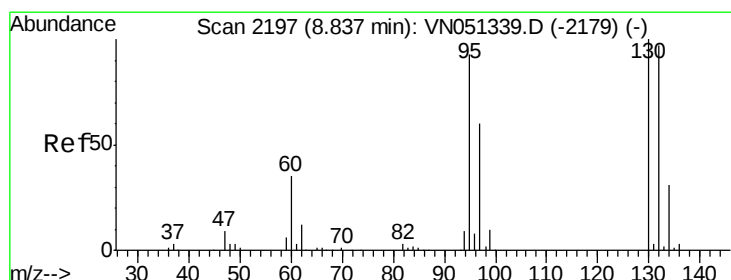
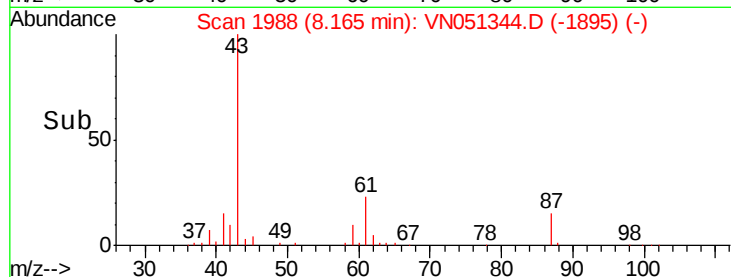
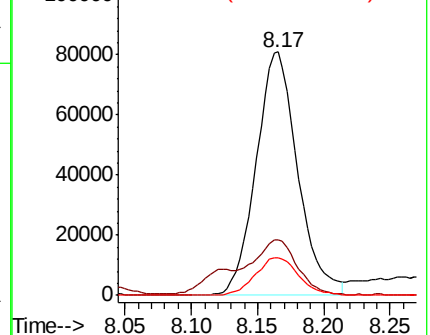
87 16.1 12.8 19.2



Abundance Ion 43.00 (42.70 to 43.70): VN051339.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN051339.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN051339.D (-1967) (-)



#44

Trichloroethene

Concen: 19.45 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN051344.D

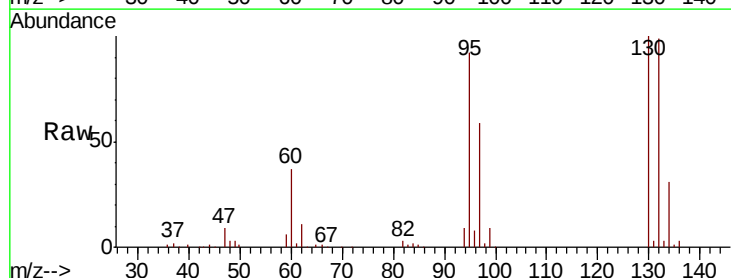
Acq: 20 Sep 2018 17:17

Tgt Ion:130 Resp: 167829

Ion Ratio Lower Upper

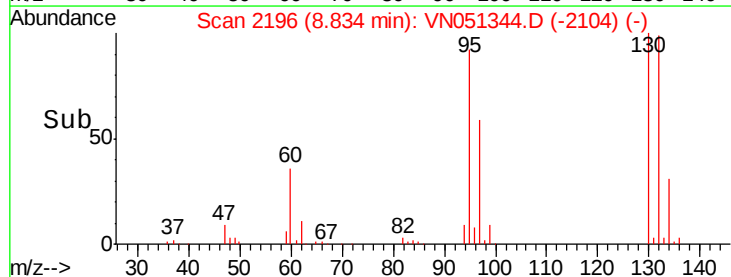
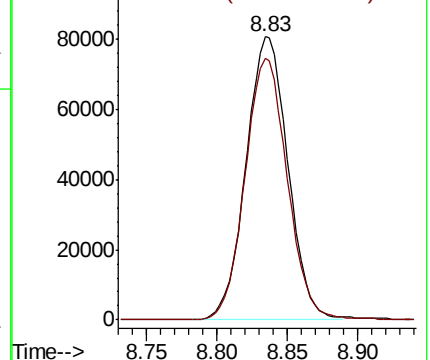
130 100

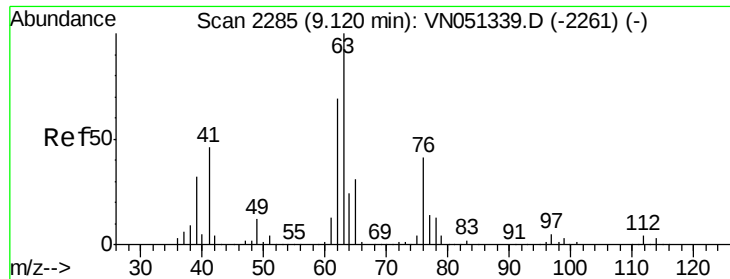
95 92.4 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): VN051339.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN051339.D (-2179) (-)

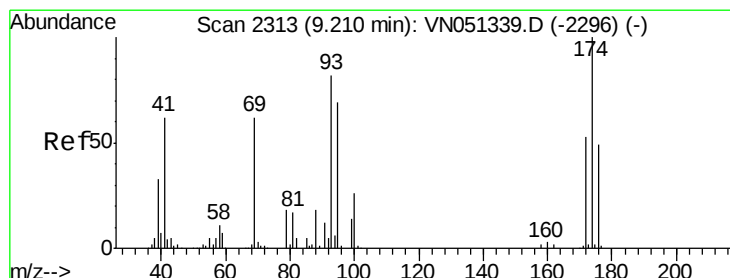
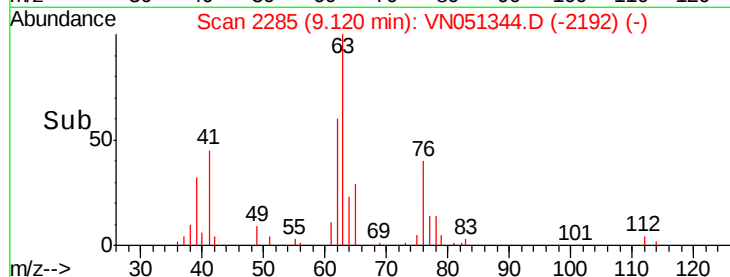
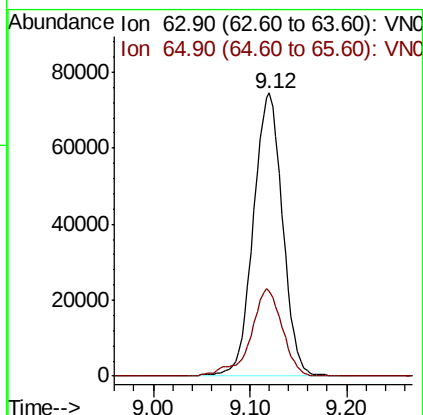
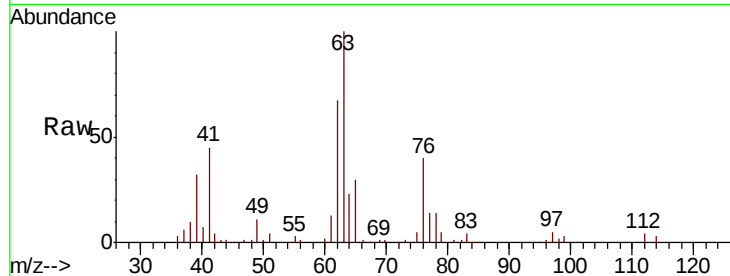




#45
 1,2-Dichloropropane
 Concen: 20.29 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN051344.D
 Acq: 20 Sep 2018 17:17

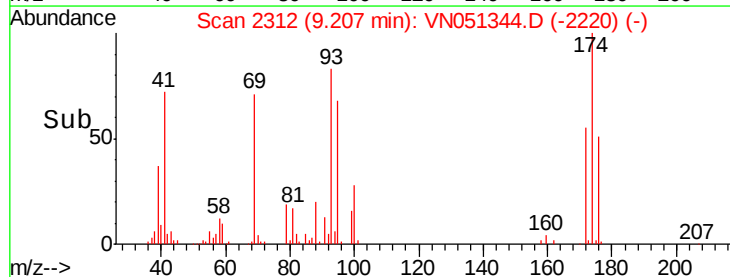
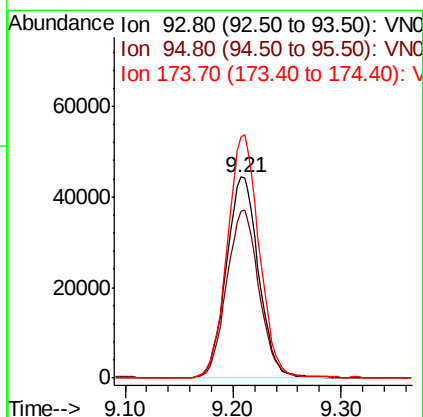
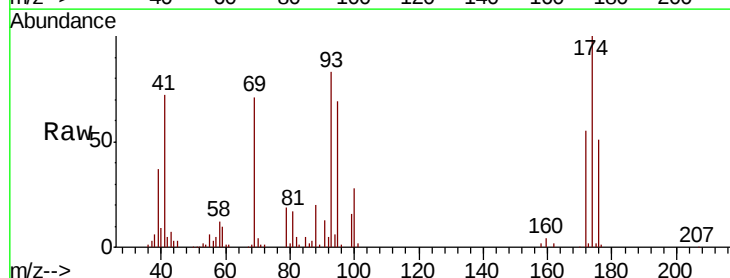
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBS01

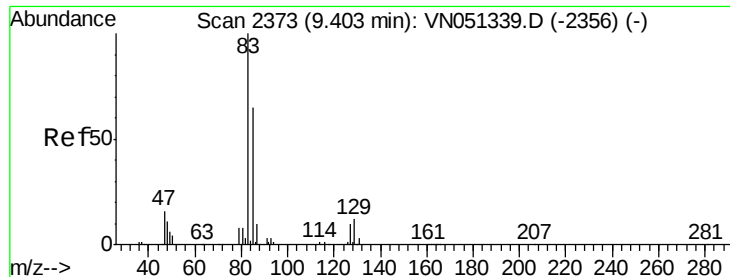
Tot Ion: 63 Resp: 156085
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.7 37.1



#46
 Dibromomethane
 Concen: 19.54 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN051344.D
 Acq: 20 Sep 2018 17:17

Tgt Ion: 93 Resp: 92651
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.6 101.4
 174 118.8 98.9 148.3





#47

Bromodichloromethane

Concen: 19.38 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

Instrument :

MSVOA_N

ClientSampled :

VN0920WBS01

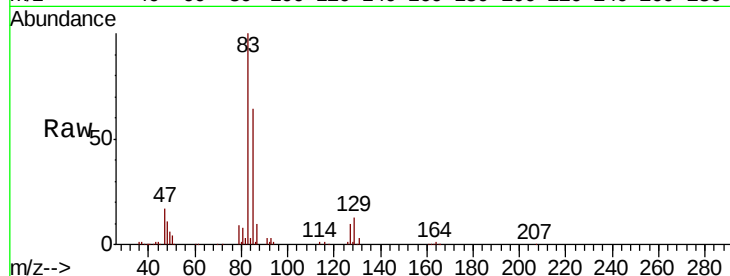
Tot Ion: 83 Resp: 196002

Ion Ratio Lower Upper

83 100

85 64.4 51.6 77.4

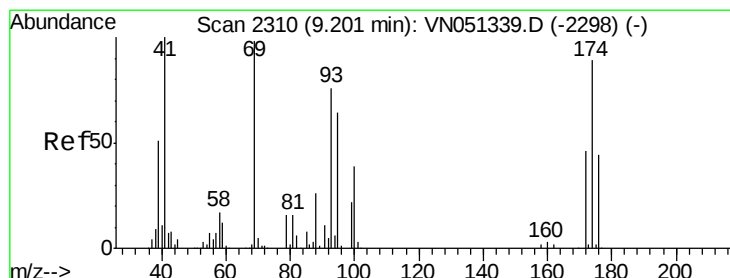
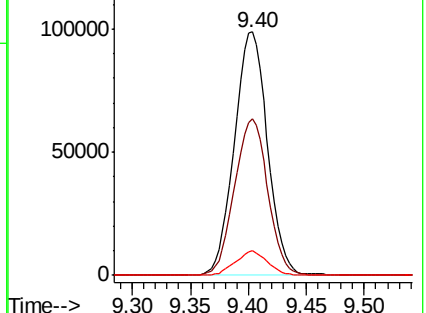
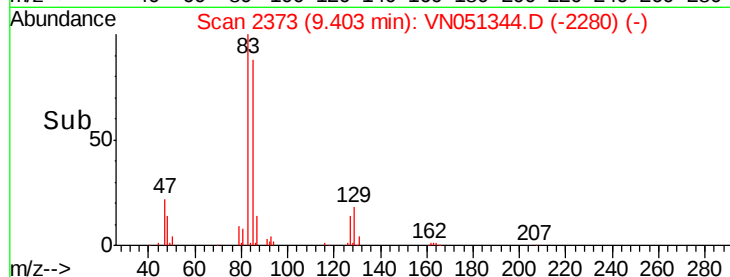
127 10.0 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.29 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

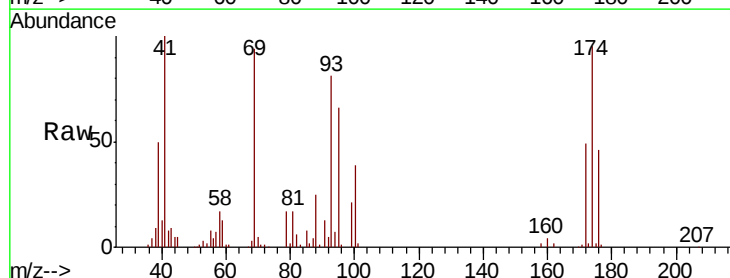
Tgt Ion: 41 Resp: 85067

Ion Ratio Lower Upper

41 100

69 100.4 79.4 119.0

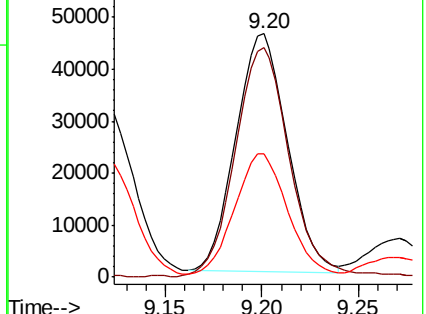
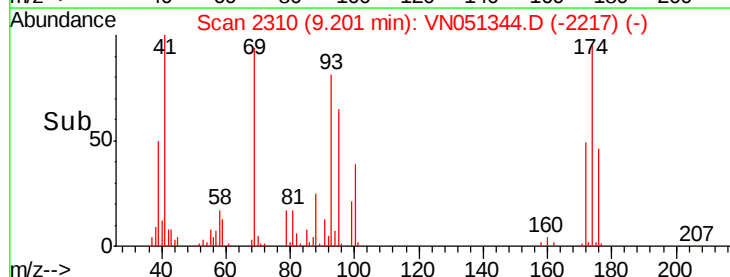
39 51.7 43.0 64.6

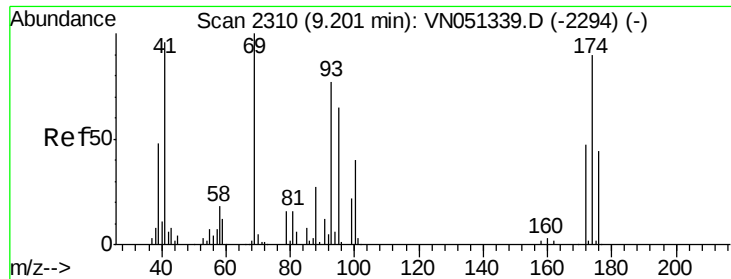


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 386.70 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBS01

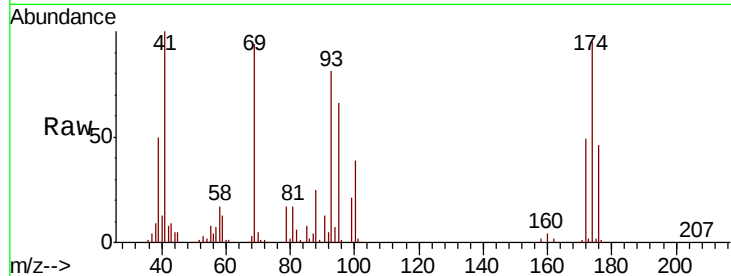
Tot Ion: 88 Resp: 25219

Ion Ratio Lower Upper

88 100

43 28.6 23.5 35.3

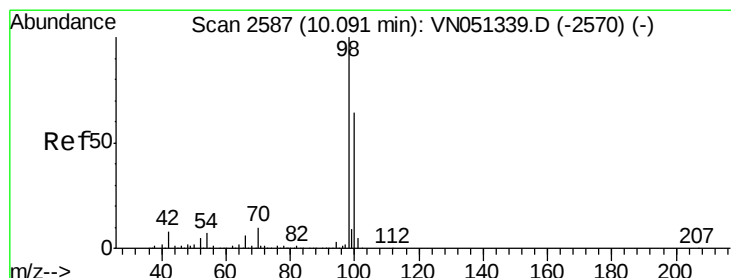
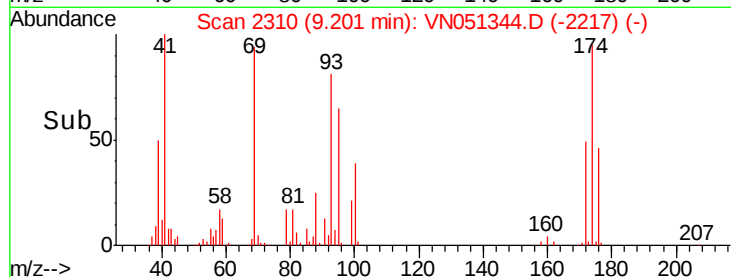
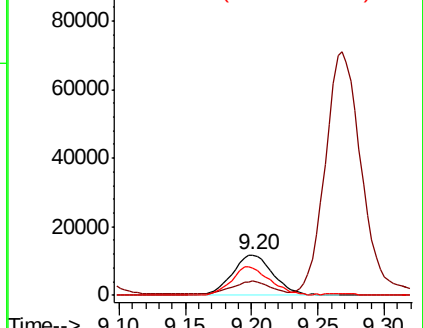
58 66.9 52.1 78.1



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: 45.74 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051344.D

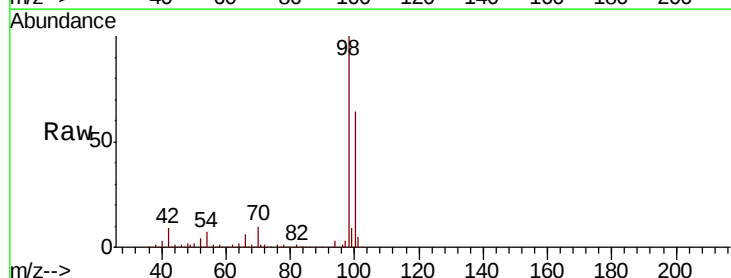
Acq: 20 Sep 2018 17:17

Tgt Ion: 98 Resp: 1386056

Ion Ratio Lower Upper

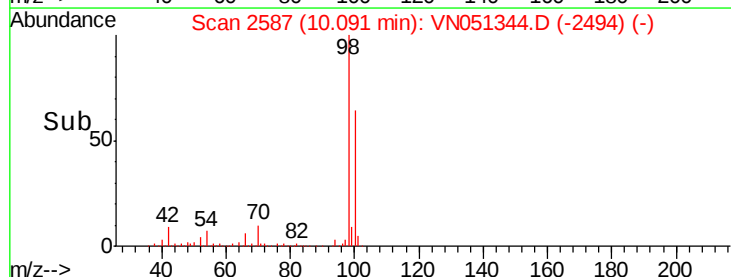
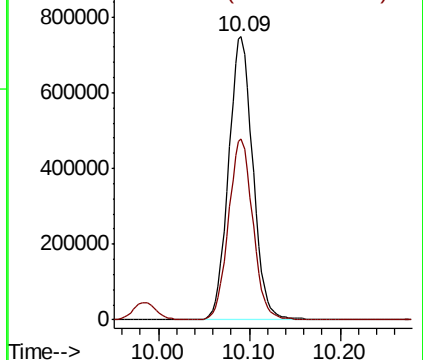
98 100

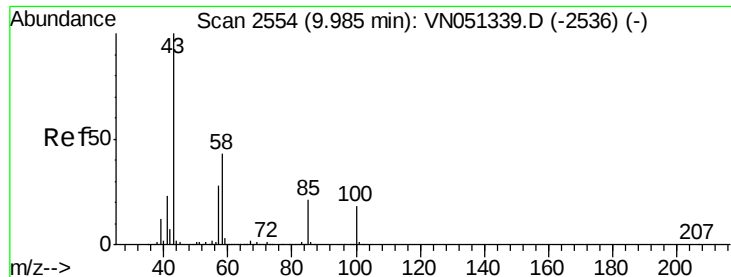
100 64.3 51.3 76.9



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: 103.00 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

Instrument :

MSVOA_N

ClientSampled :

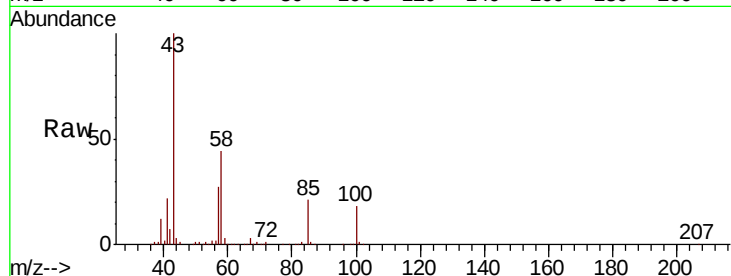
VN0920WBS01

Tot Ion: 43 Resp: 479267

Ion Ratio Lower Upper

43 100

58 43.0 34.2 51.4



Abundance Ion 43.00 (42.70 to 43.70): VN051339.D (-2536) (-)

Ion 58.00 (57.70 to 58.70): VN051339.D (-2536) (-)

9.99

250000

200000

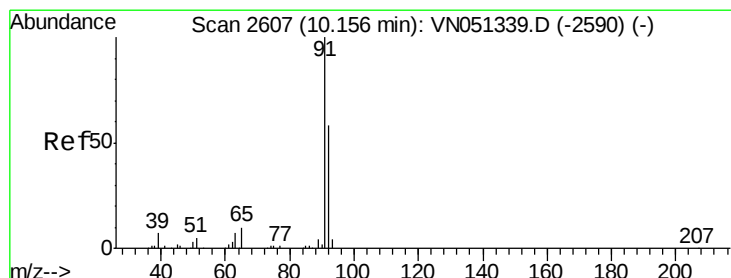
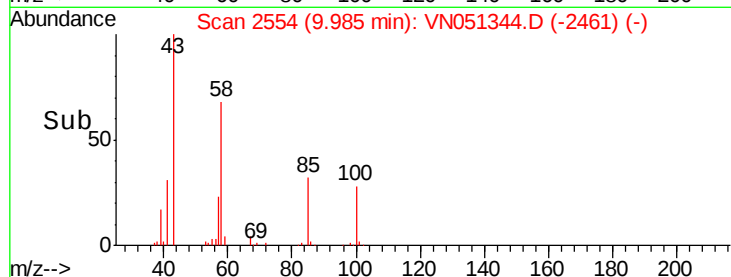
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.47 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051344.D

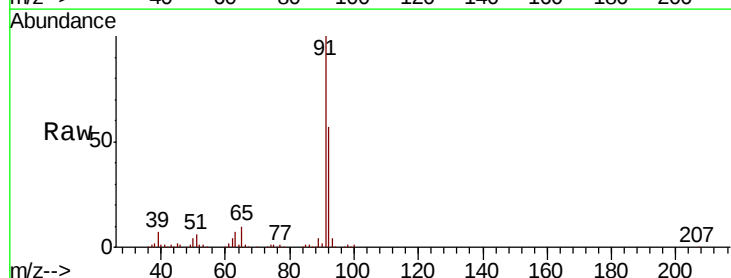
Acq: 20 Sep 2018 17:17

Tgt Ion: 92 Resp: 378848

Ion Ratio Lower Upper

92 100

91 174.8 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN051339.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN051339.D (-2590) (-)

10.16

400000

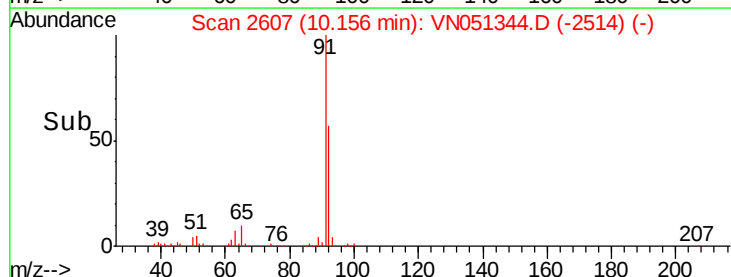
300000

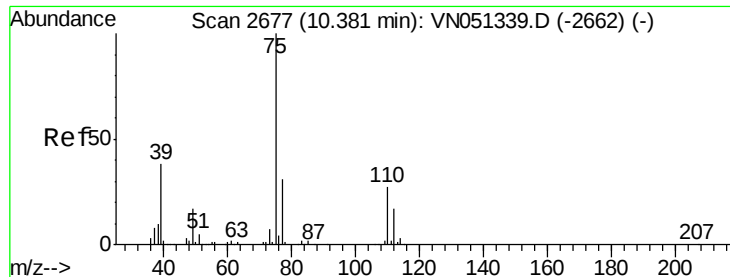
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.56 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

Instrument :

MSVOA_N

ClientSampleId :

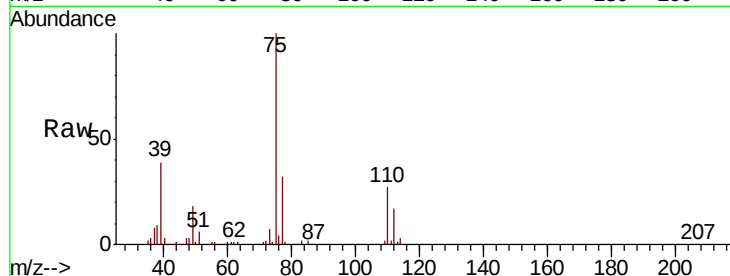
VN0920WBS01

Tot Ion: 75 Resp: 189924

Ion Ratio Lower Upper

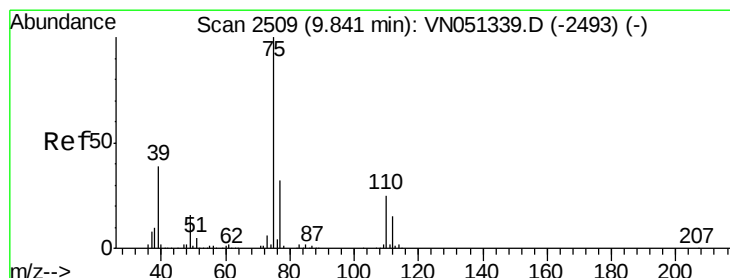
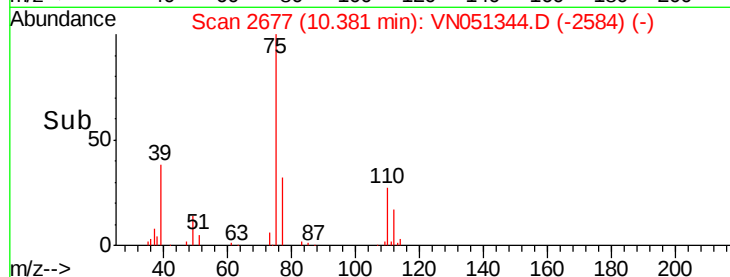
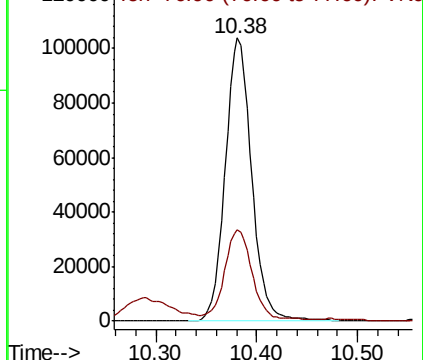
75 100

77 31.7 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 20.34 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

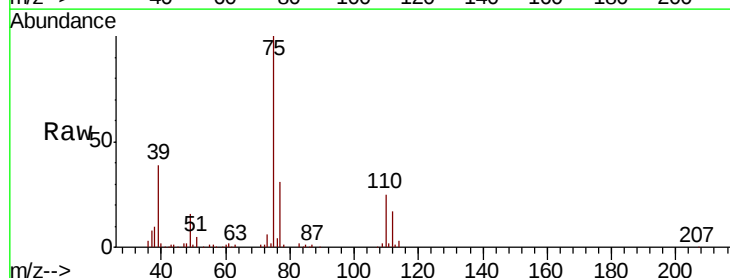
Tgt Ion: 75 Resp: 228680

Ion Ratio Lower Upper

75 100

77 30.9 25.2 37.8

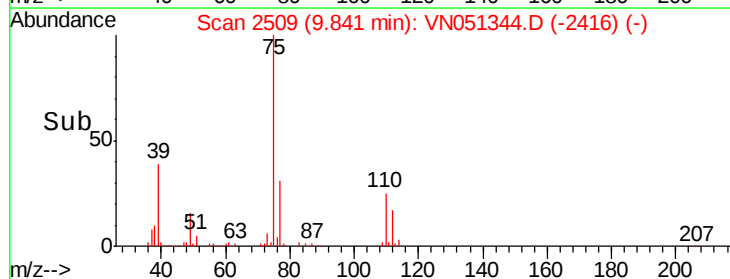
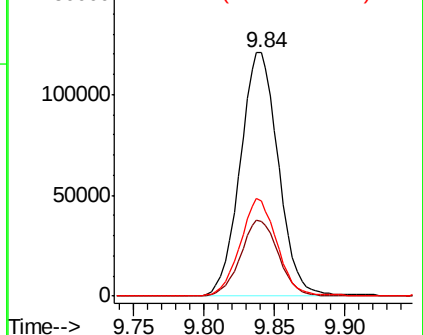
39 38.7 31.0 46.4

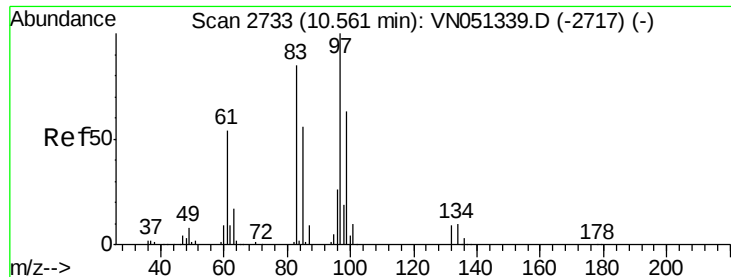


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

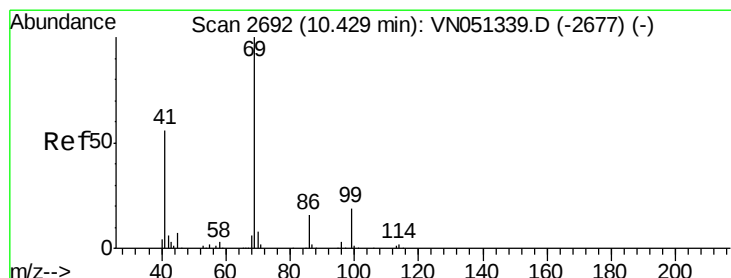
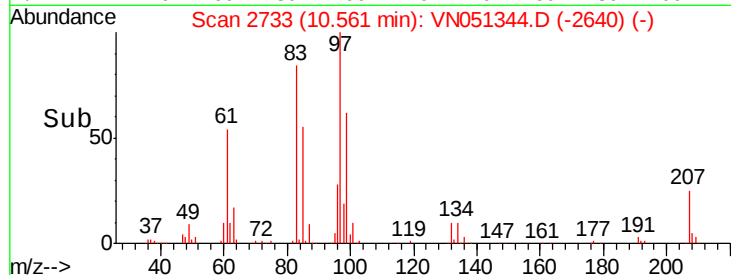
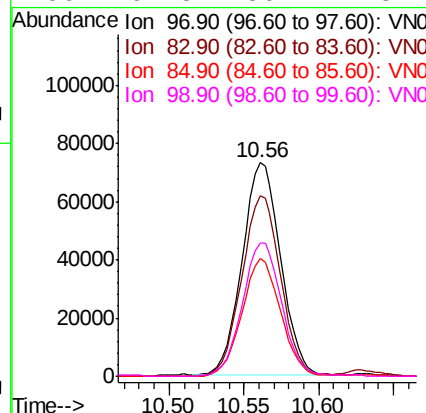
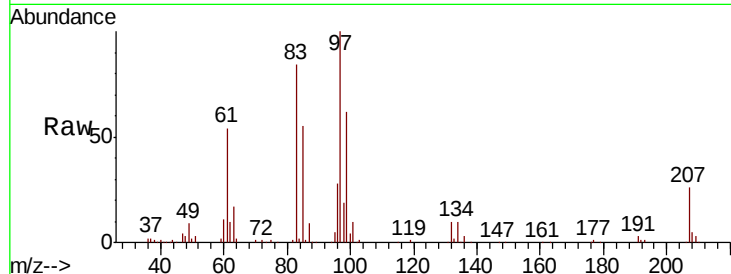




#55
 1,1,2-Trichloroethane
 Concen: 18.79 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN051344.D
 Acq: 20 Sep 2018 17:17

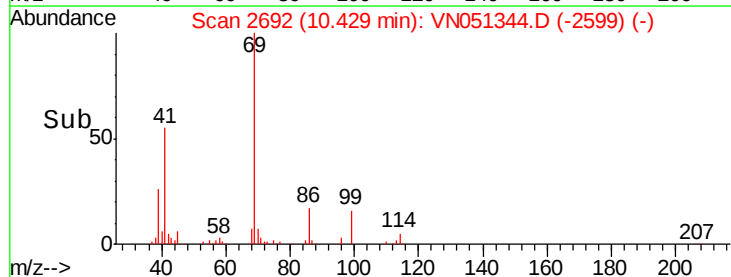
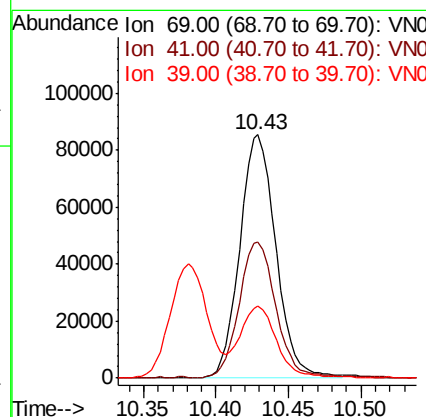
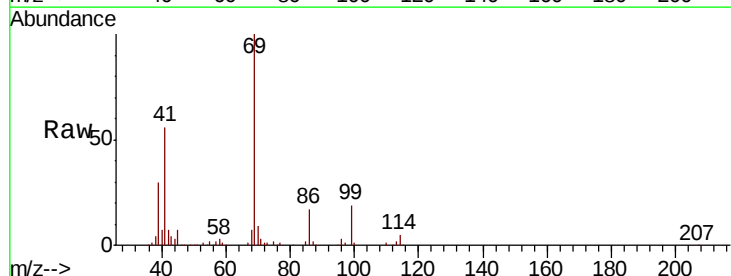
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBS01

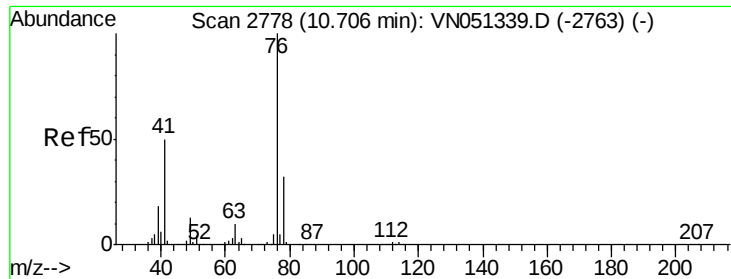
Tot Ion:	97	Resp:	130476
Ion	Ratio	Lower	Upper
97	100		
83	84.8	68.1	102.1
85	55.2	44.6	66.8
99	62.8	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 20.21 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN051344.D
 Acq: 20 Sep 2018 17:17

Tgt Ion:	69	Resp:	148245
Ion	Ratio	Lower	Upper
69	100		
41	56.8	45.1	67.7
39	29.9	23.4	35.2

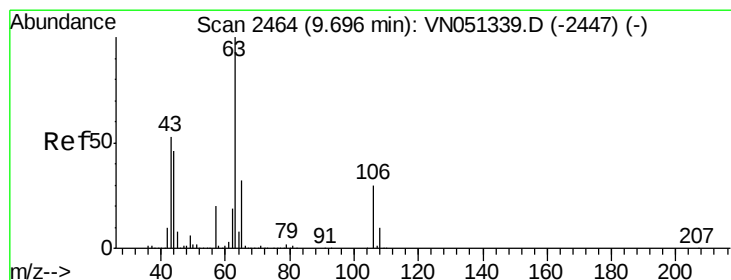
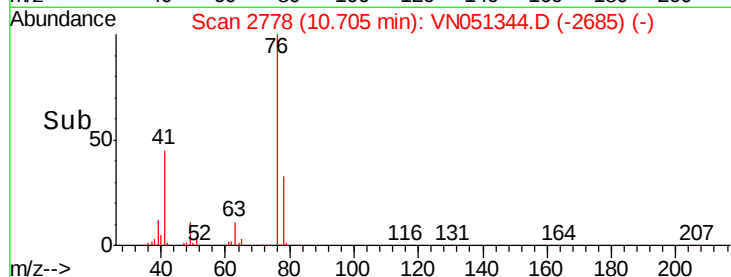
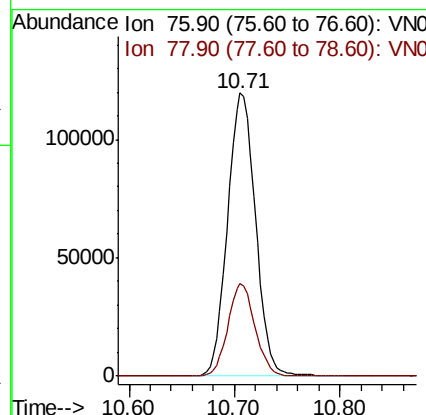
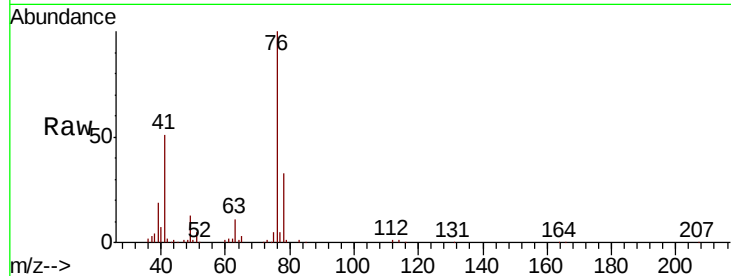




#57
 1,3-Dichloropropane
 Concen: 20.09 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN051344.D
 Acq: 20 Sep 2018 17:17

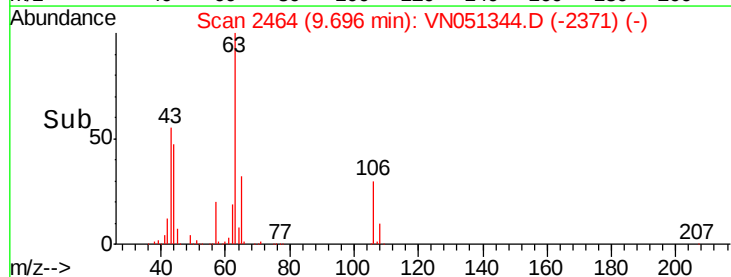
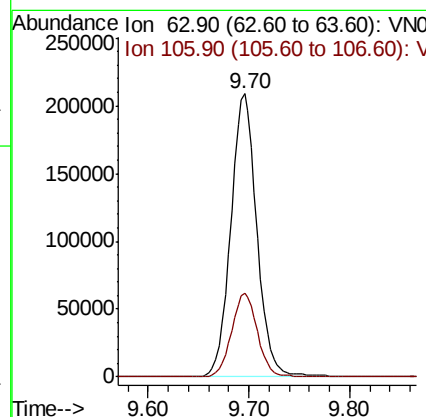
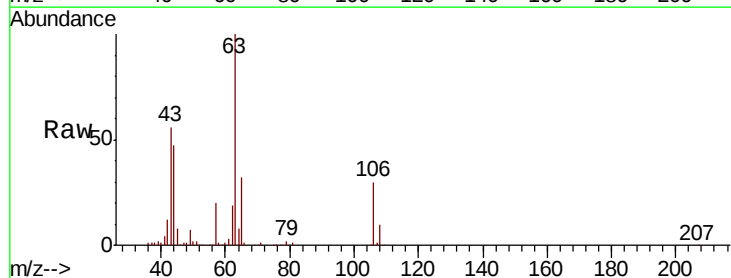
Instrument :
 MSVOA_N
 ClientSampled :
 VN0920WBS01

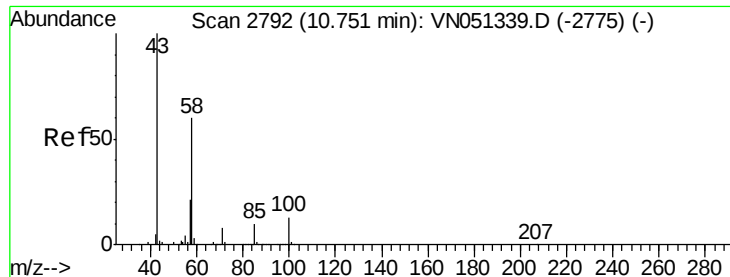
Tot Ion: 76 Resp: 219740
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.45 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN051344.D
 Acq: 20 Sep 2018 17:17

Tgt Ion: 63 Resp: 376623
 Ion Ratio Lower Upper
 63 100
 106 29.5 23.7 35.5

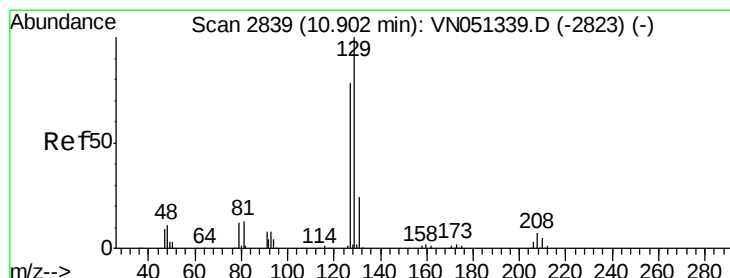
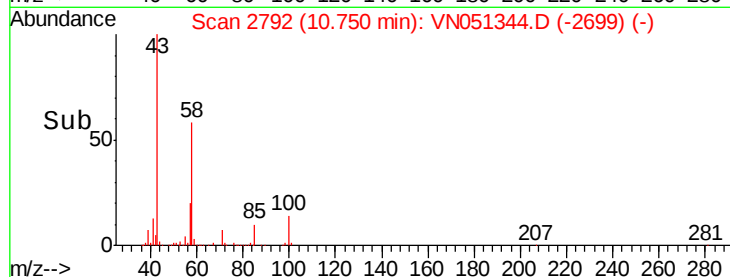
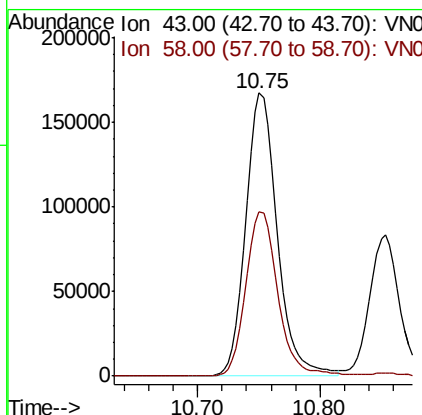
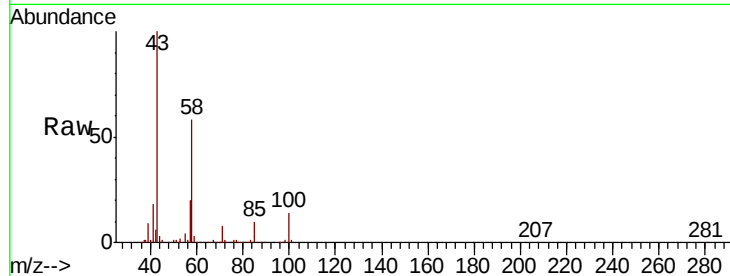




#59
2-Hexanone
Concen: 94.23 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN051344.D
Acq: 20 Sep 2018 17:17

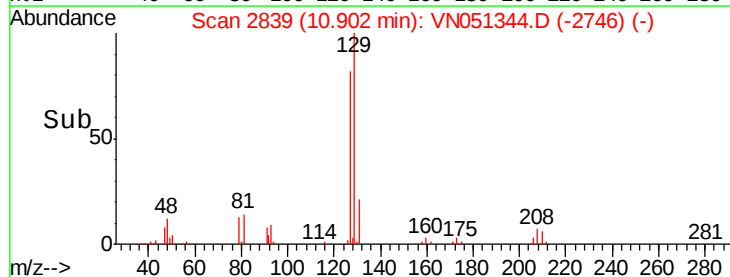
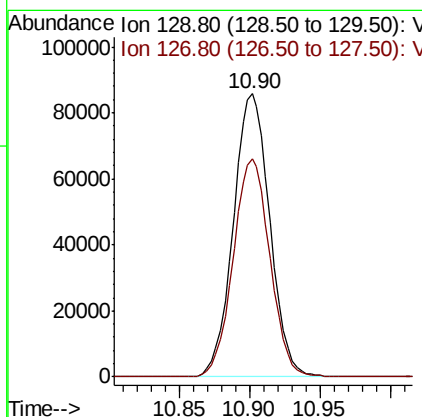
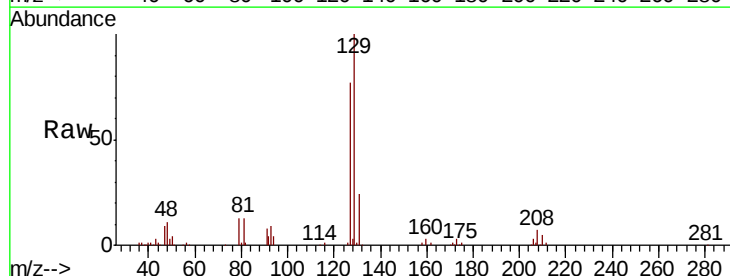
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

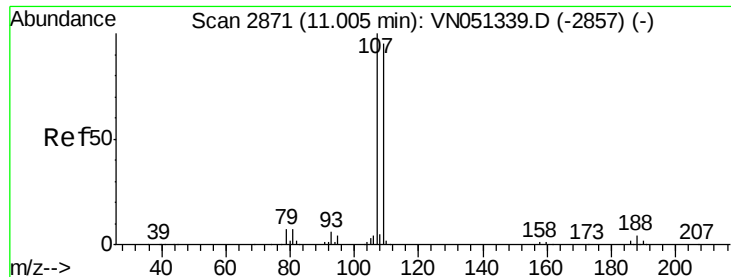
Tot Ion: 43 Resp: 295608
Ion Ratio Lower Upper
43 100
58 59.3 29.9 89.8



#60
Dibromochloromethane
Concen: 19.18 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051344.D
Acq: 20 Sep 2018 17:17

Tgt Ion: 129 Resp: 155286
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8

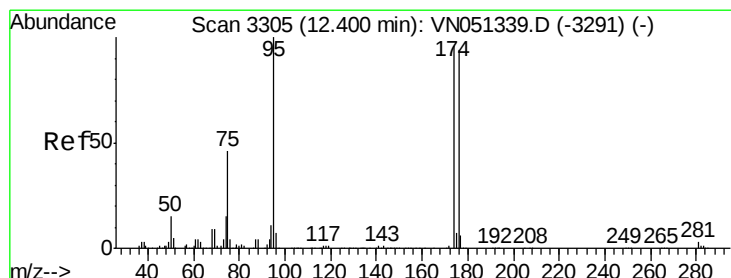
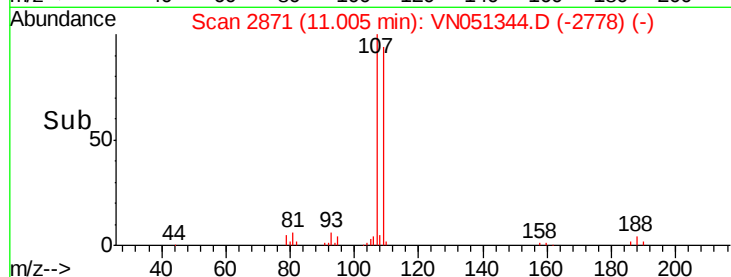
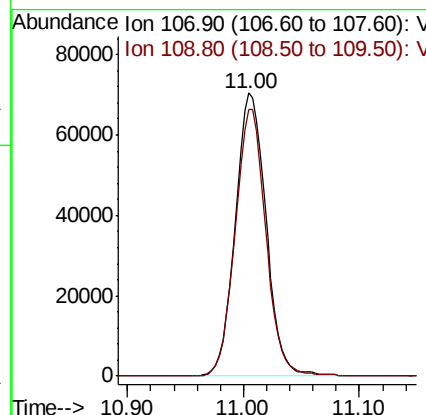
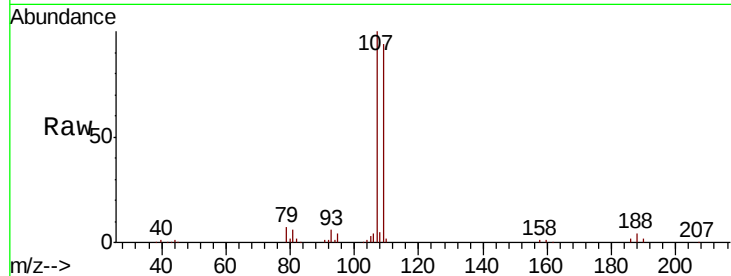




#61
 1,2-Dibromoethane
 Concen: 19.27 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN051344.D
 Acq: 20 Sep 2018 17:17

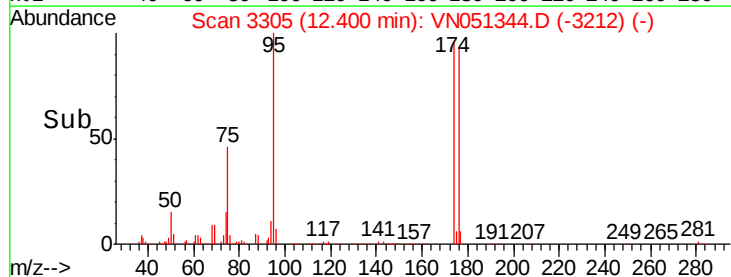
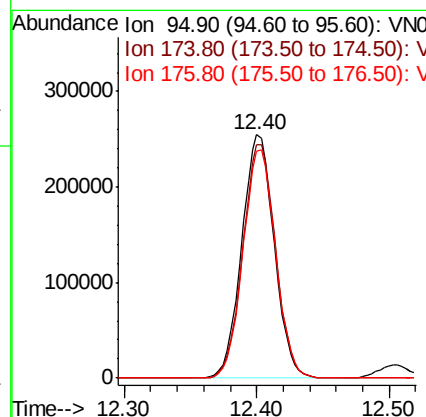
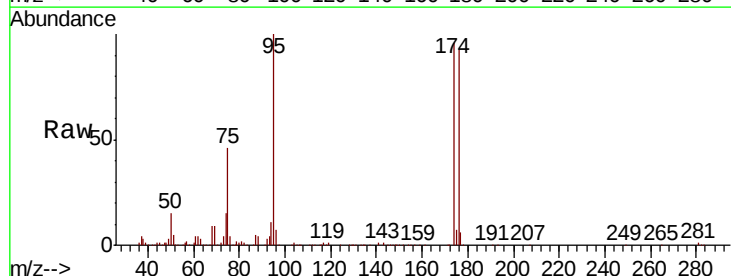
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBS01

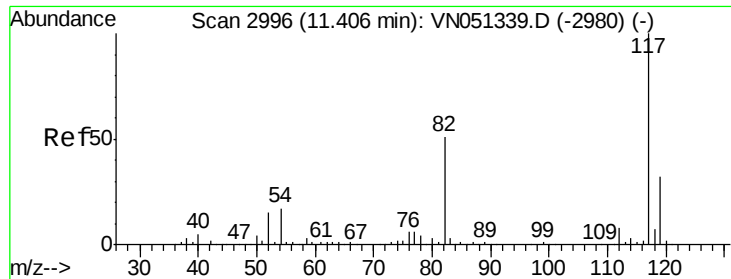
Tot Ion:107 Resp: 128642
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 43.88 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN051344.D
 Acq: 20 Sep 2018 17:17

Tgt Ion: 95 Resp: 432550
 Ion Ratio Lower Upper
 95 100
 174 96.7 0.0 194.6
 176 94.3 0.0 189.6

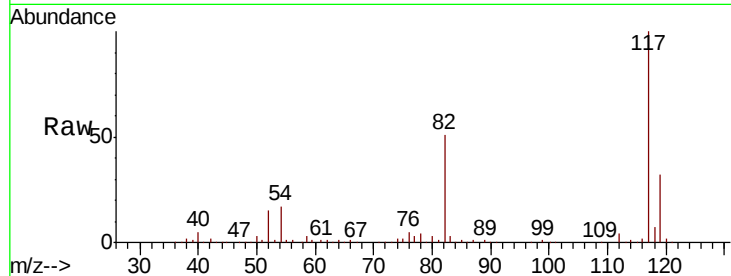




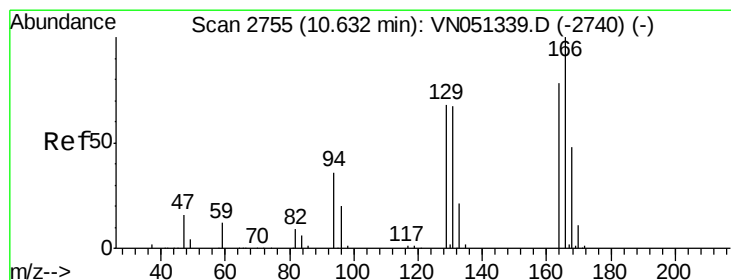
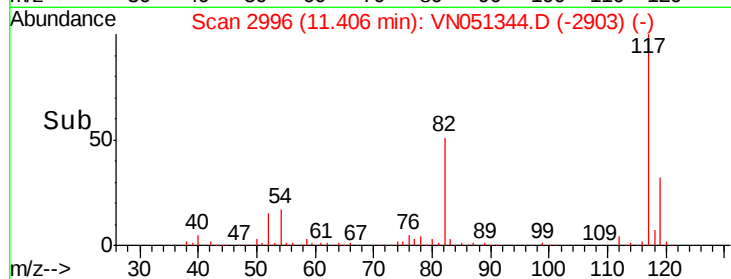
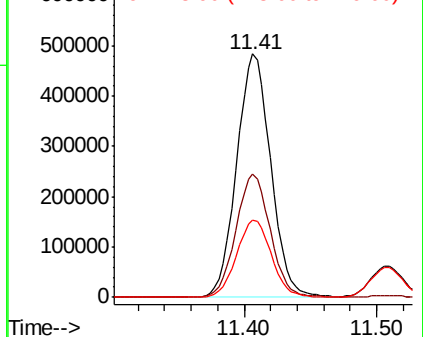
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051344.D
Acq: 20 Sep 2018 17:17

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

Tot Ion:117 Resp: 863646
Ion Ratio Lower Upper
117 100
82 50.6 40.7 61.1
119 32.0 25.3 37.9

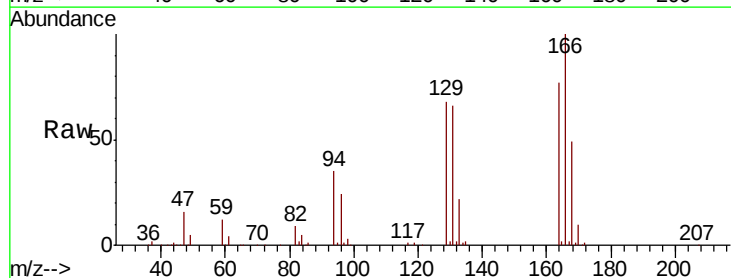


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

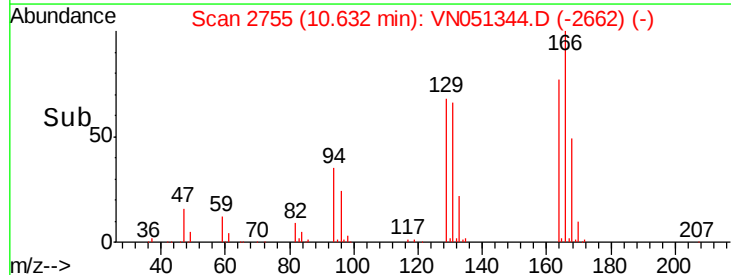
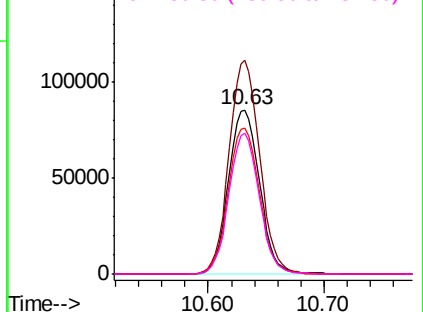


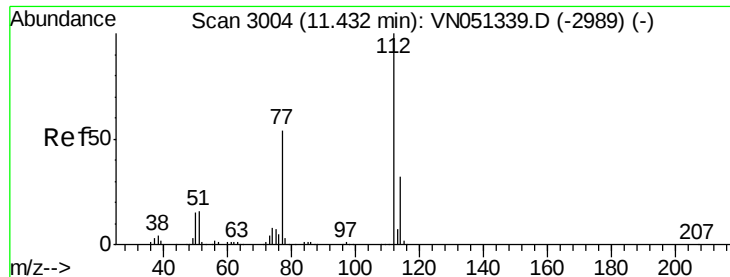
#64
Tetrachloroethene
Concen: 21.04 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051344.D
Acq: 20 Sep 2018 17:17

Tgt Ion:164 Resp: 158446
Ion Ratio Lower Upper
164 100
166 130.1 102.1 153.1
129 88.8 69.4 104.2
131 85.8 68.8 103.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

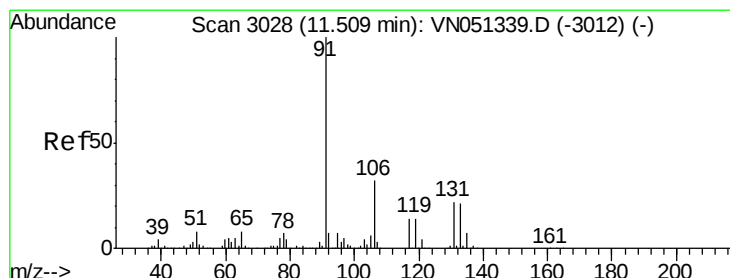
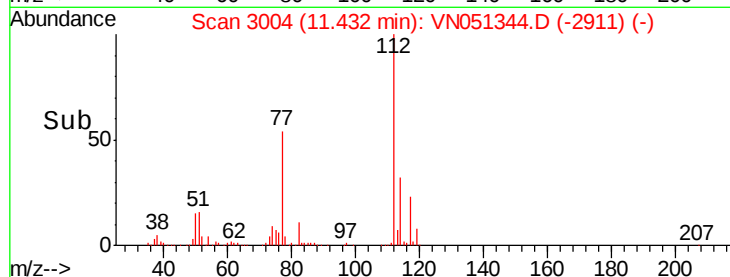
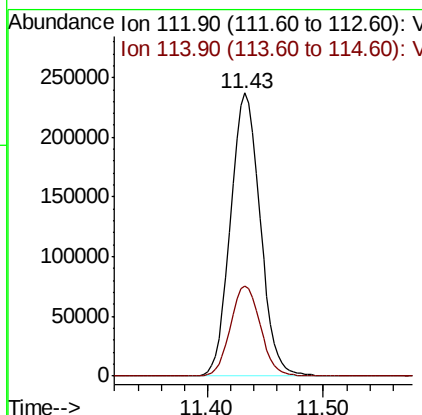
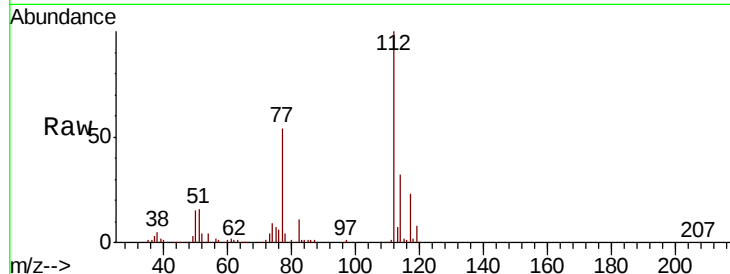




#65
Chlorobenzene
Concen: 20.25 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051344.D
Acq: 20 Sep 2018 17:17

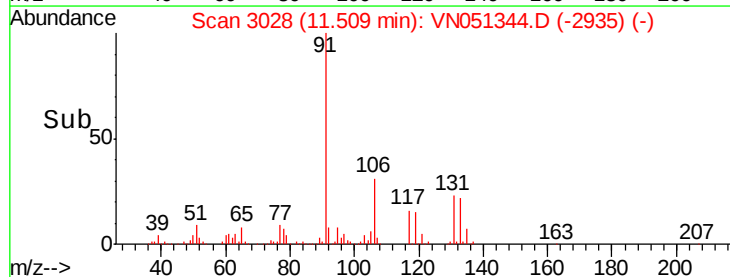
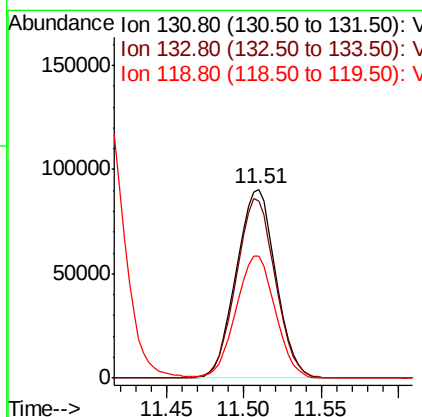
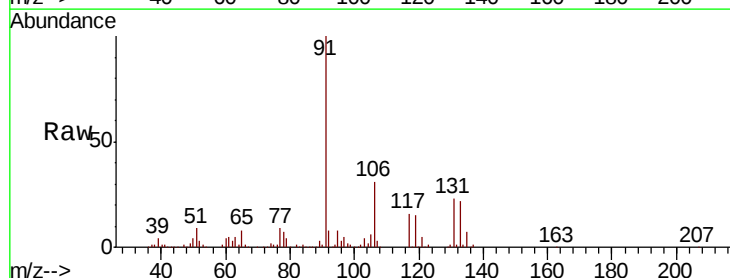
Instrument :
MSVOA_N
ClientSampled :
VN0920WBS01

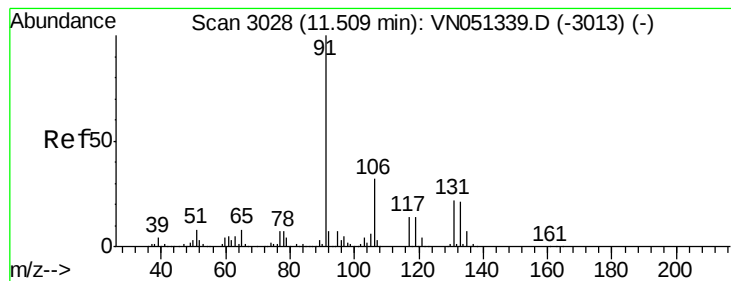
Tot Ion:112 Resp: 417894
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.47 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051344.D
Acq: 20 Sep 2018 17:17

Tgt Ion:131 Resp: 160776
Ion Ratio Lower Upper
131 100
133 94.5 47.4 142.2
119 64.4 32.6 97.7





#67

Ethyl Benzene

Concen: 20.84 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

Instrument :

MSVOA_N

ClientSampled :

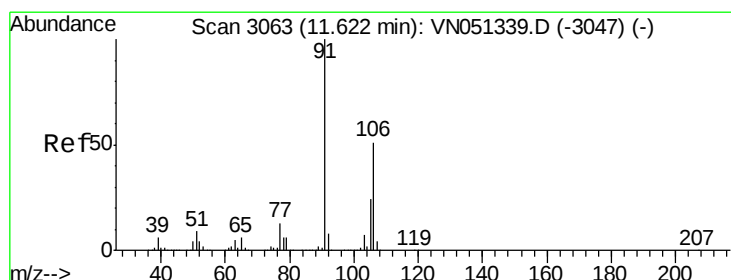
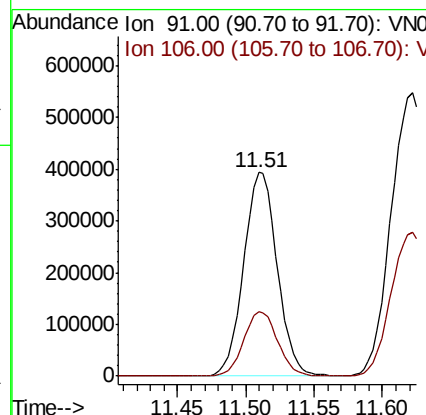
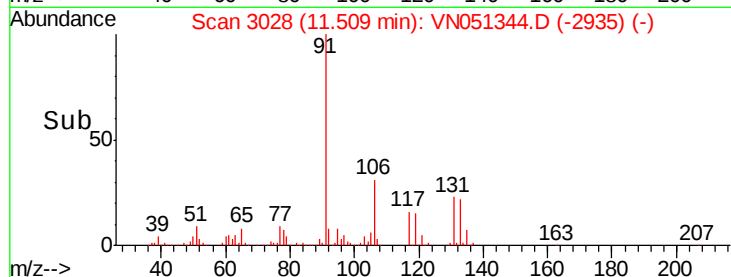
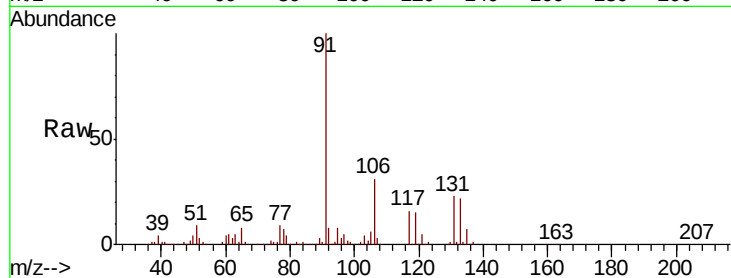
VN0920WBS01

Tot Ion: 91 Resp: 672628

Ion Ratio Lower Upper

91 100

106 31.4 25.8 38.8



#68

m/p-Xylenes

Concen: 42.80 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. -0.00 min

Lab File: VN051344.D

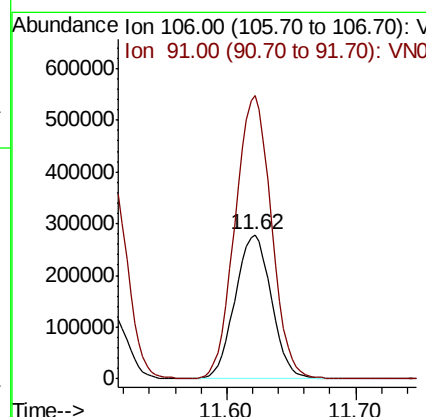
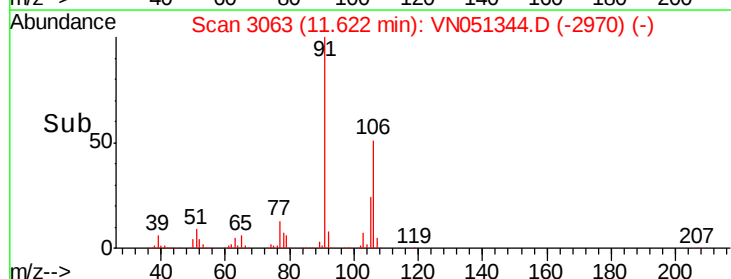
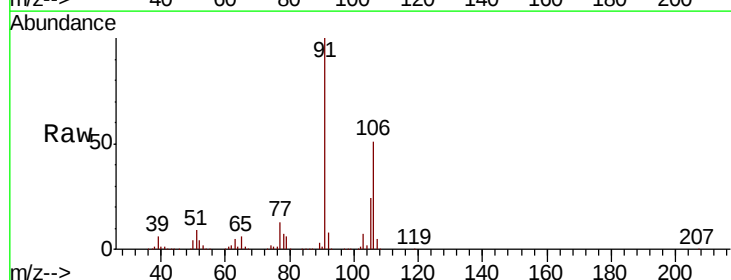
Acq: 20 Sep 2018 17:17

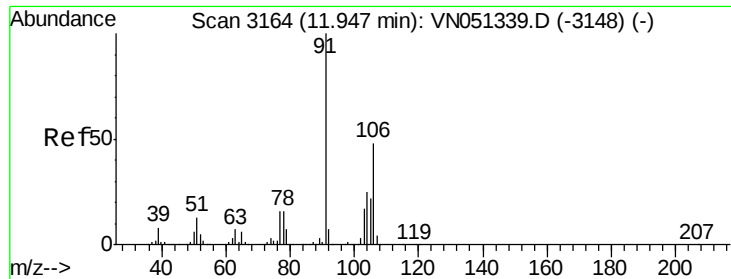
Tgt Ion:106 Resp: 542759

Ion Ratio Lower Upper

106 100

91 197.2 156.5 234.7

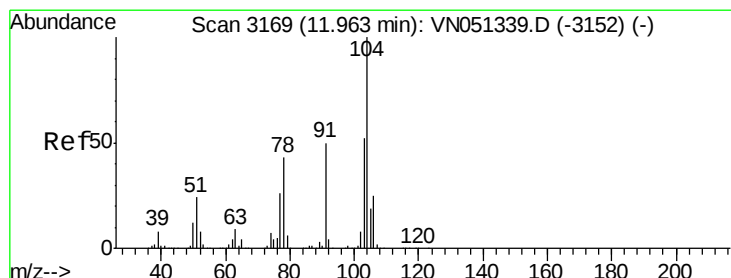
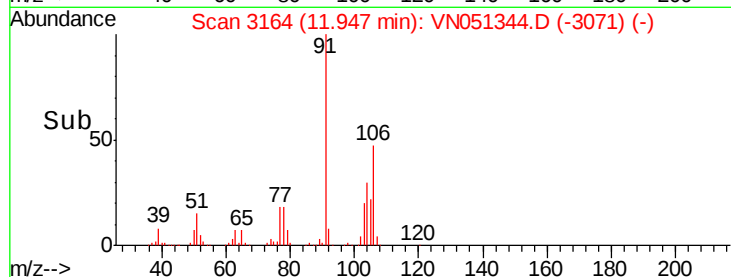
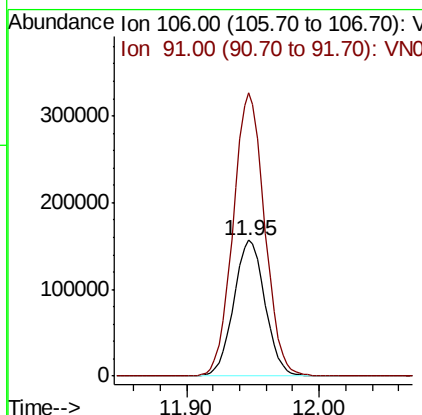
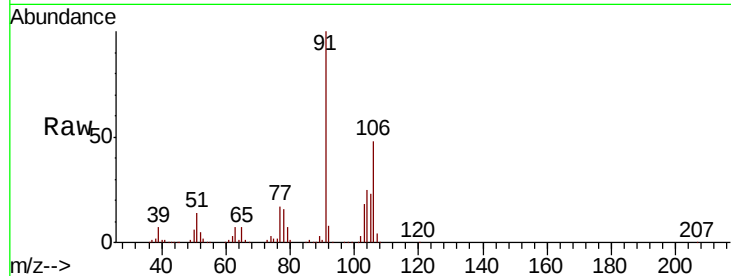




#69
o-Xylene
Concen: 21.05 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051344.D
Acq: 20 Sep 2018 17:17

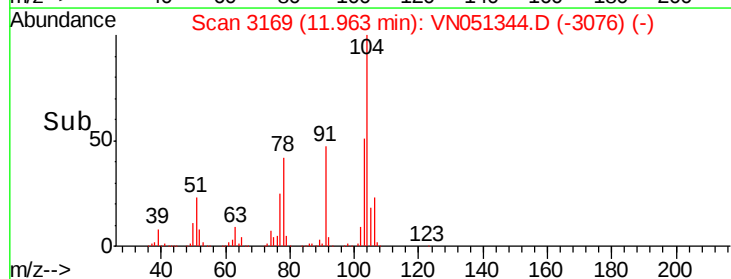
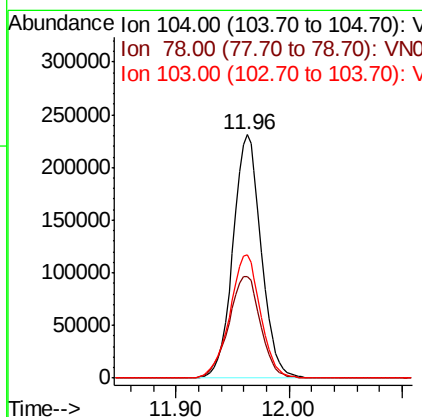
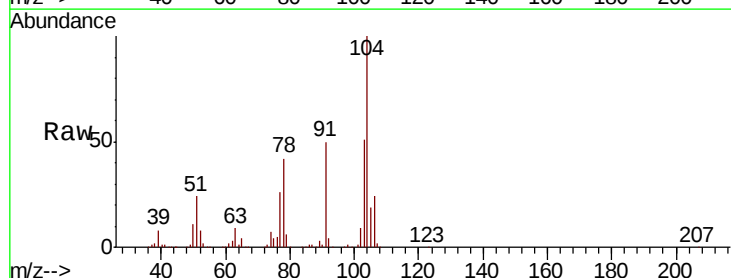
Instrument :
MSVOA_N
ClientSampled :
VN0920WBS01

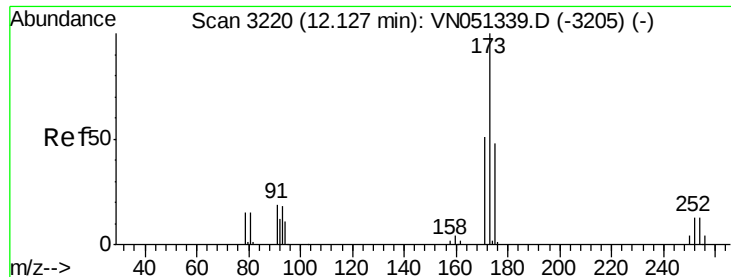
Tot Ion:106 Resp: 257322
Ion Ratio Lower Upper
106 100
91 209.1 104.6 313.7



#70
Styrene
Concen: 21.13 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051344.D
Acq: 20 Sep 2018 17:17

Tgt Ion:104 Resp: 400966
Ion Ratio Lower Upper
104 100
78 47.2 37.8 56.6
103 55.0 44.3 66.5





#71

Bromoform

Concen: 19.38 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBS01

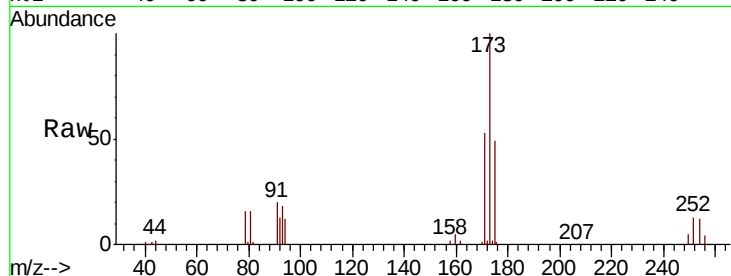
Tot Ion:173 Resp: 103340

Ion Ratio Lower Upper

173 100

175 48.5 24.3 73.0

254 0.0 0.1 0.1#

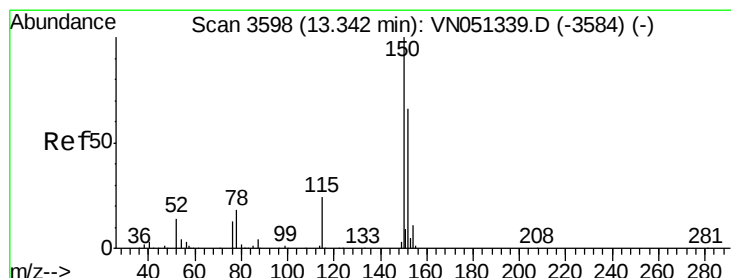
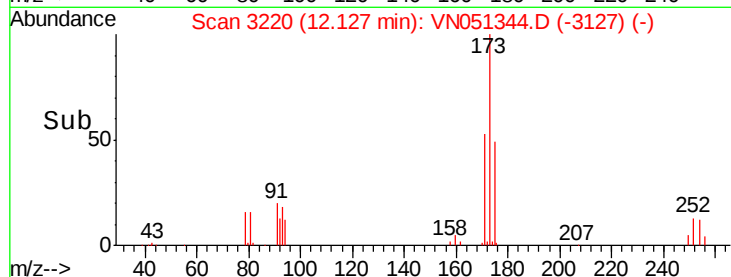
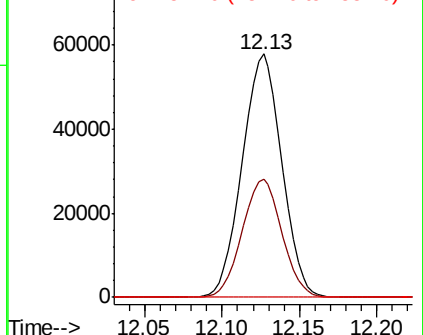


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

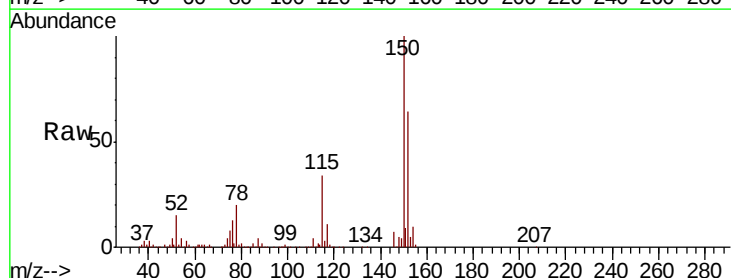
Tgt Ion:152 Resp: 430772

Ion Ratio Lower Upper

152 100

115 53.9 26.9 80.7

150 163.3 0.0 345.0

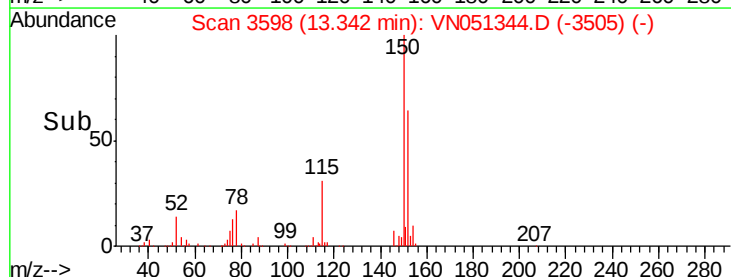
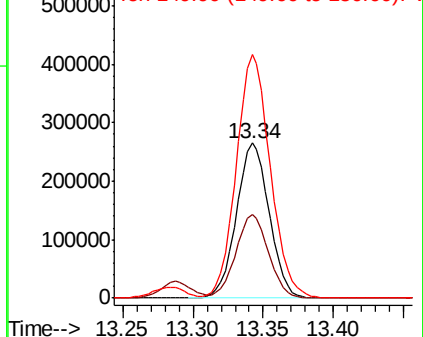


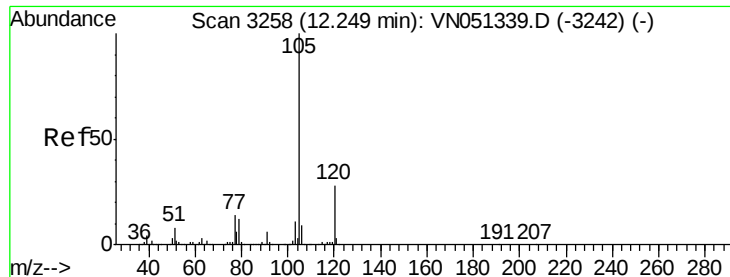
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.72 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

Instrument :

MSVOA_N

ClientSampleId :

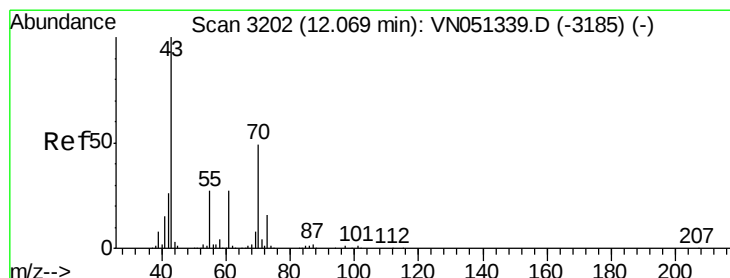
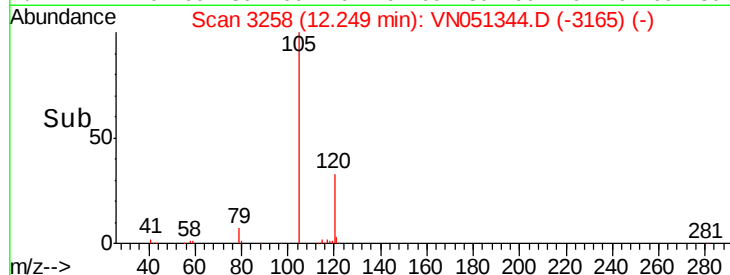
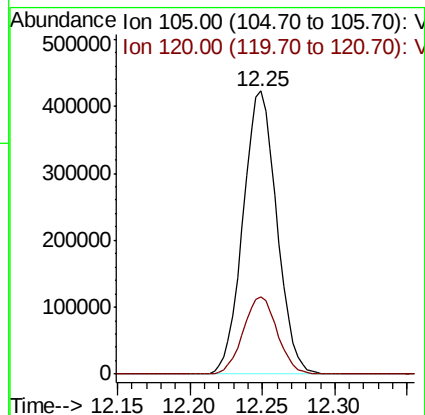
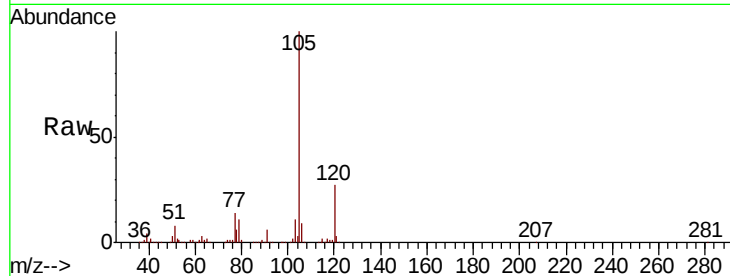
VN0920WBS01

Tot Ion:105 Resp: 685846

Ion Ratio Lower Upper

105 100

120 27.5 13.9 41.6



#74

N-ethyl acetate

Concen: 19.40 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

Tgt Ion: 43 Resp: 131010

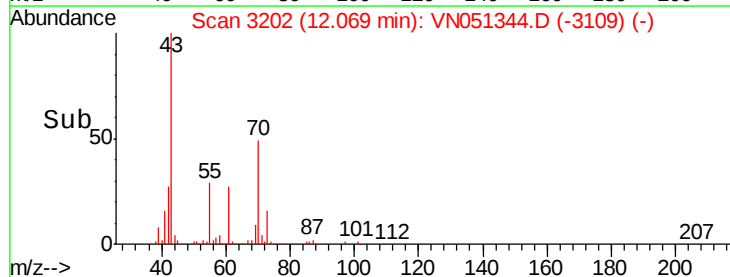
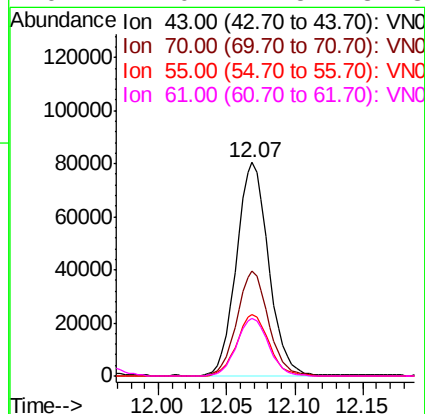
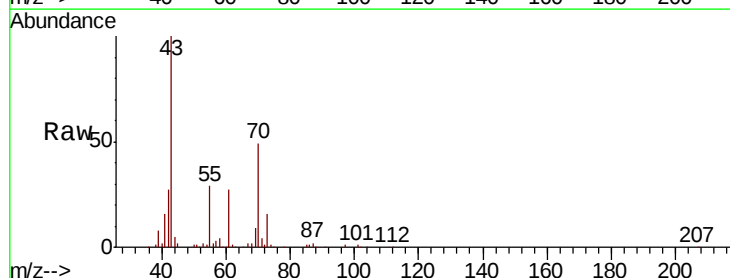
Ion Ratio Lower Upper

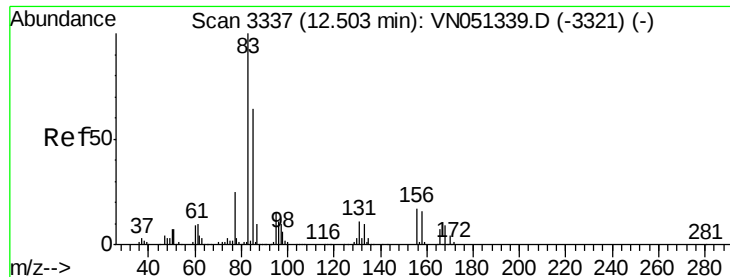
43 100

70 48.3 39.5 59.3

55 28.9 22.6 34.0

61 27.0 21.5 32.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.32 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBS01

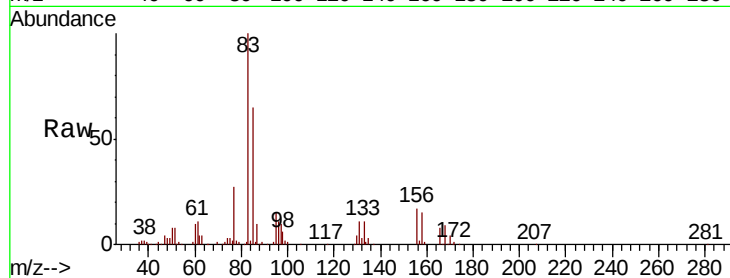
Tot Ion: 83 Resp: 150508

Ion Ratio Lower Upper

83 100

131 11.6 5.5 16.7

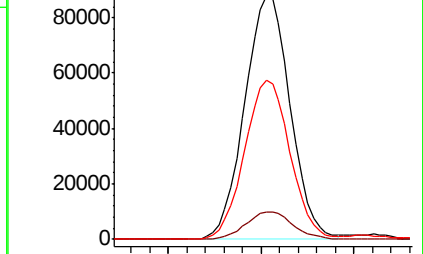
85 65.3 32.3 96.9



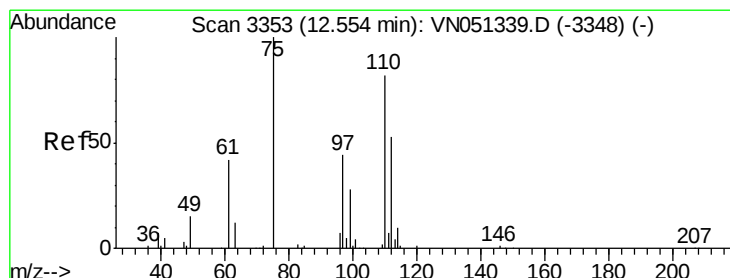
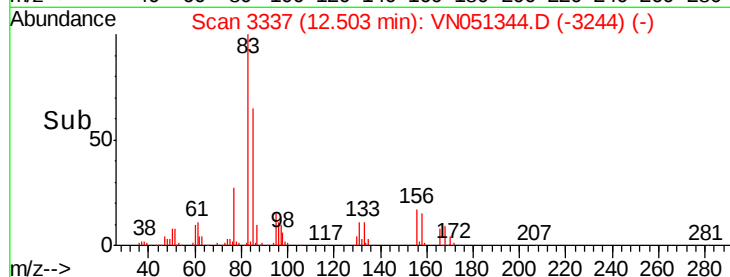
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



Time-->



#76

1,2,3-Trichloropropane

Concen: 28.44 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN051344.D

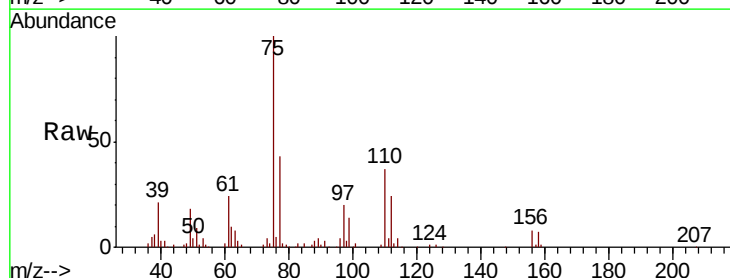
Acq: 20 Sep 2018 17:17

Tgt Ion: 75 Resp: 176928

Ion Ratio Lower Upper

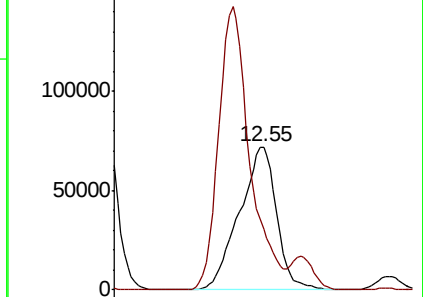
75 100

77 0.0 0.0 0.0

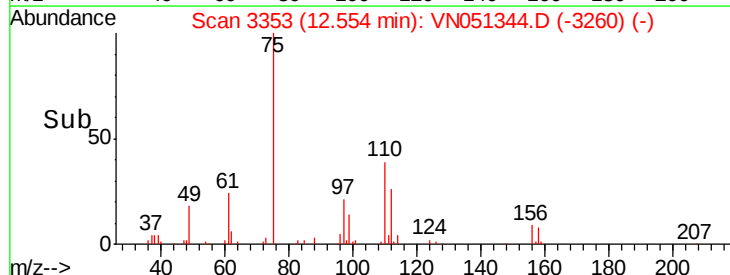


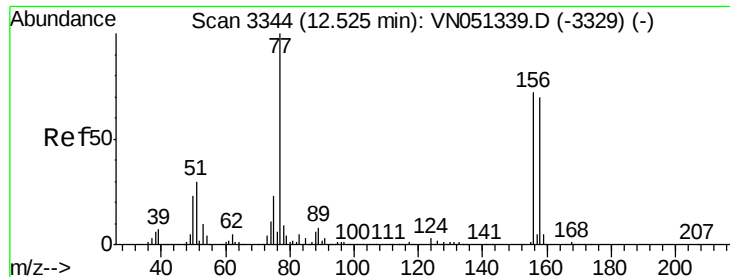
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



Time-->





#77

Bromobenzene

Concen: 20.42 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBS01

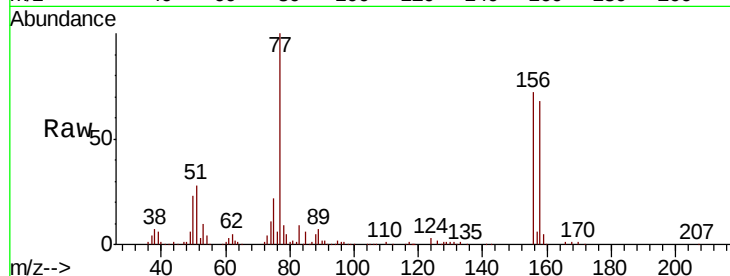
Tot Ion:156 Resp: 178090

Ion Ratio Lower Upper

156 100

77 164.0 80.8 242.4

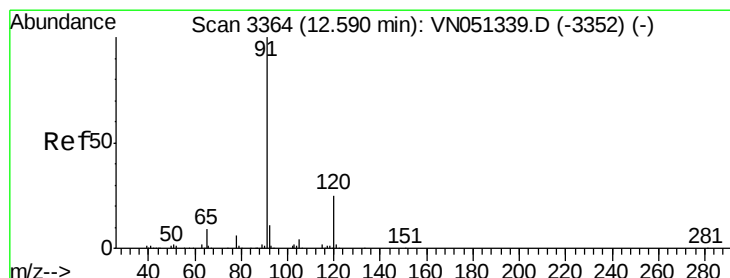
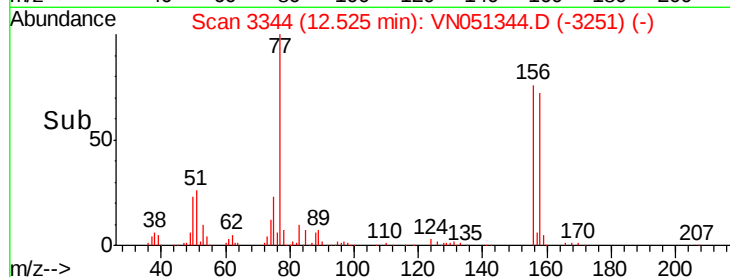
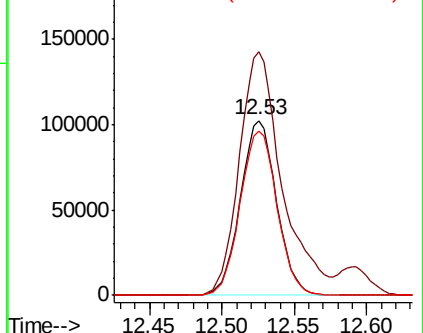
158 95.7 48.8 146.3



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: 22.00 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051344.D

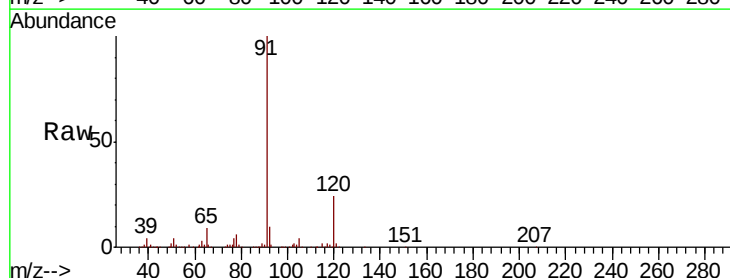
Acq: 20 Sep 2018 17:17

Tgt Ion: 91 Resp: 757291

Ion Ratio Lower Upper

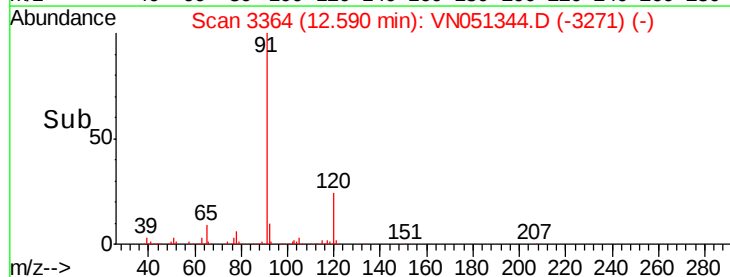
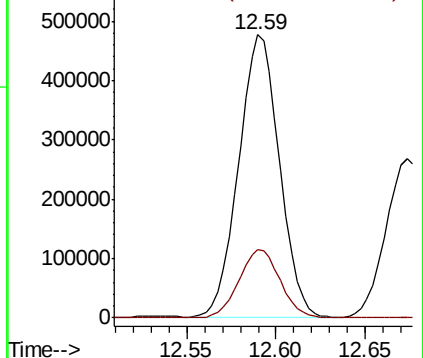
91 100

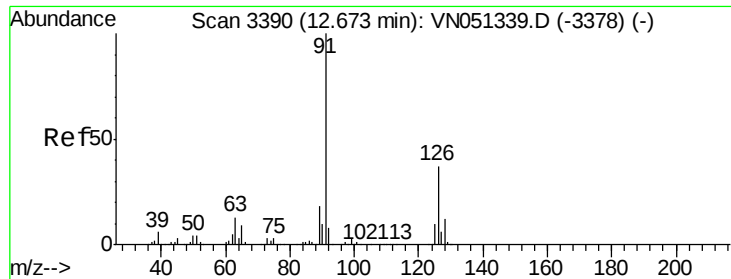
120 24.4 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.31 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

Instrument :

MSVOA_N

ClientSampleId :

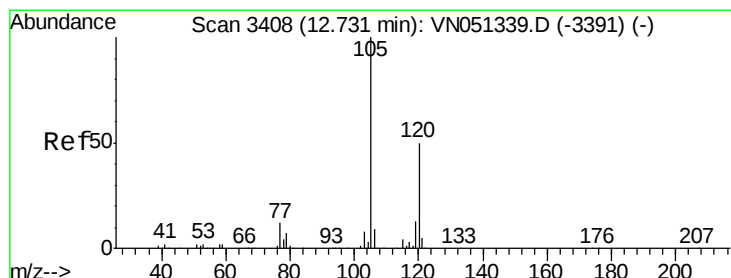
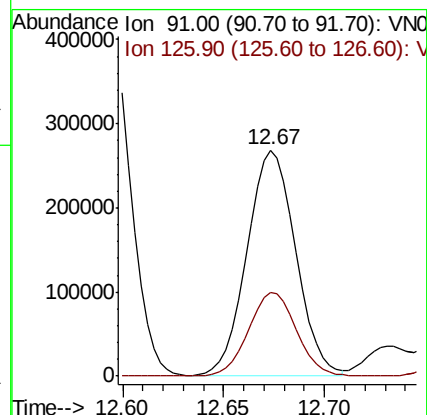
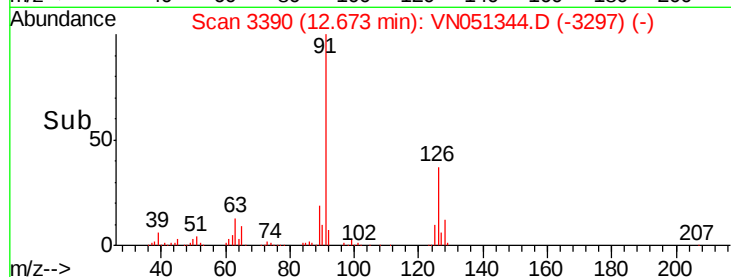
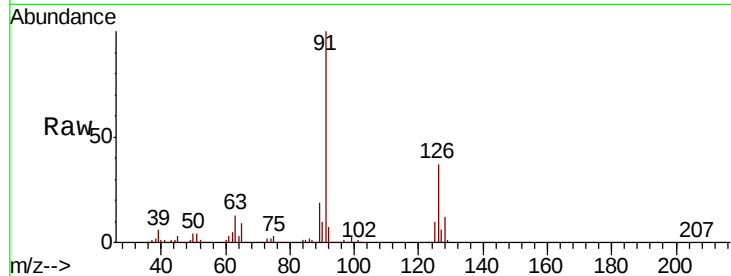
VN0920WBS01

Tot Ion: 91 Resp: 452065

Ion Ratio Lower Upper

91 100

126 36.9 18.6 55.8



#80

1,3,5-Trimethylbenzene

Concen: 22.55 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051344.D

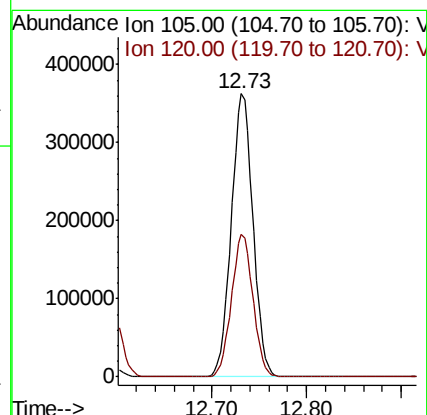
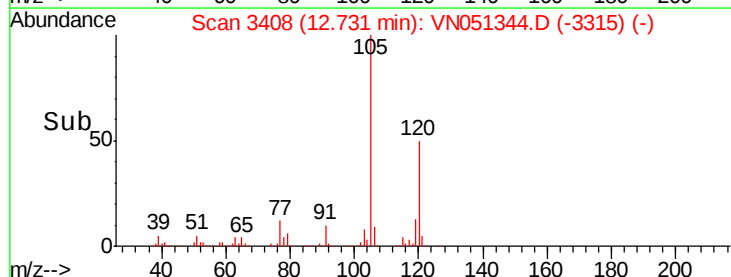
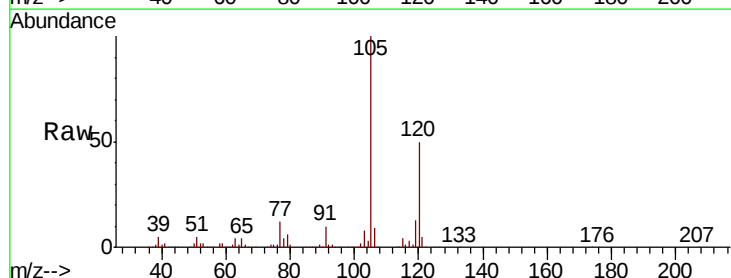
Acq: 20 Sep 2018 17:17

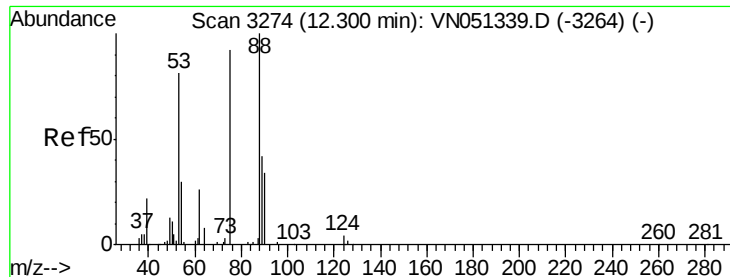
Tgt Ion: 105 Resp: 577245

Ion Ratio Lower Upper

105 100

120 50.0 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 21.02 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBS01

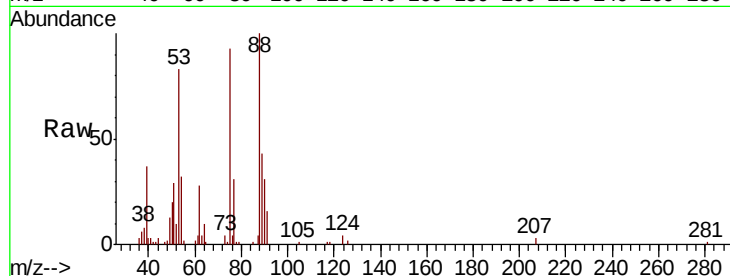
Tot Ion: 75 Resp: 37779

Ion Ratio Lower Upper

75 100

53 87.1 69.9 104.9

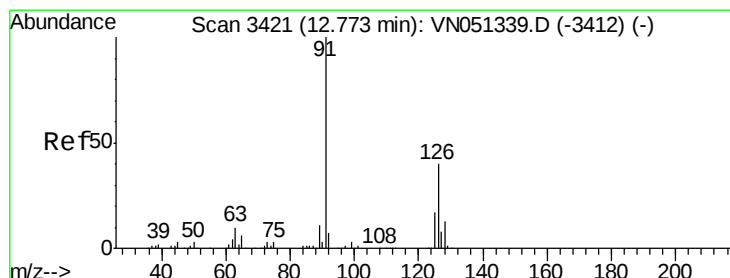
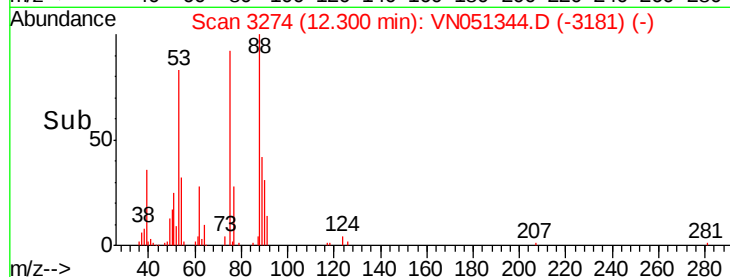
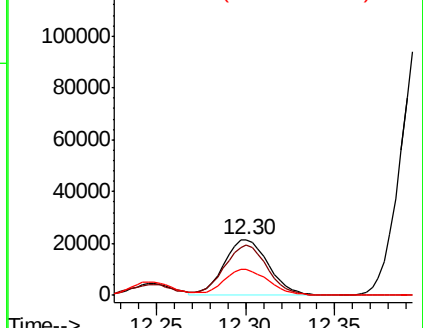
89 46.4 37.9 56.9



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: 21.60 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN051344.D

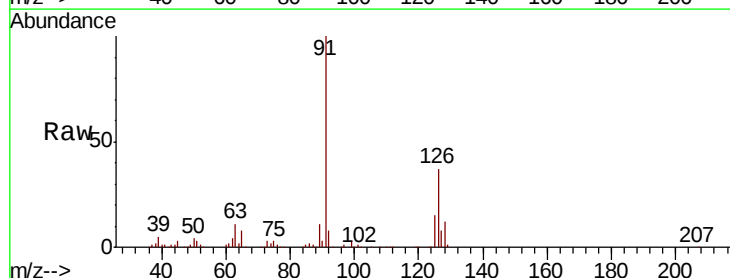
Acq: 20 Sep 2018 17:17

Tgt Ion: 91 Resp: 445353

Ion Ratio Lower Upper

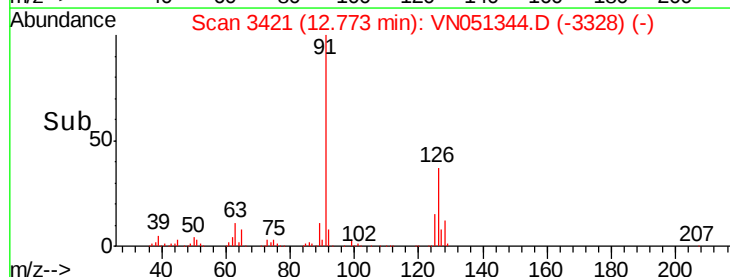
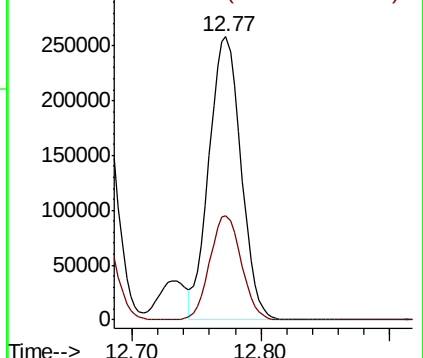
91 100

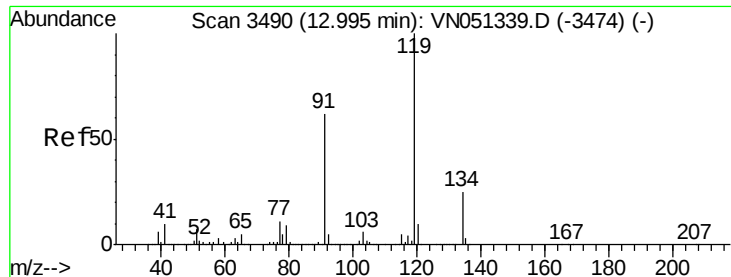
126 36.2 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

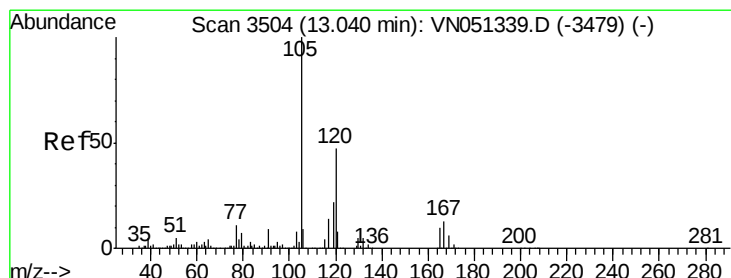
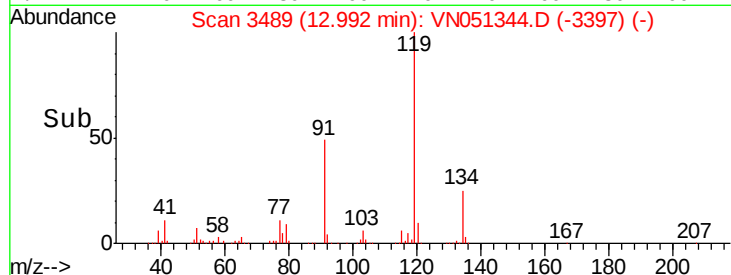
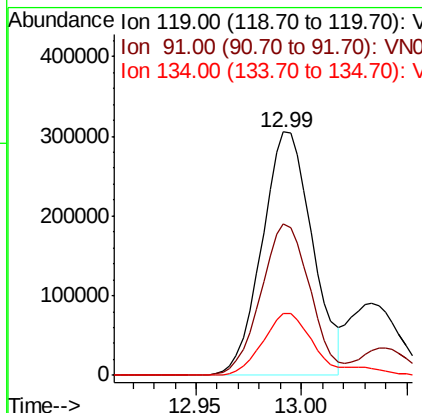
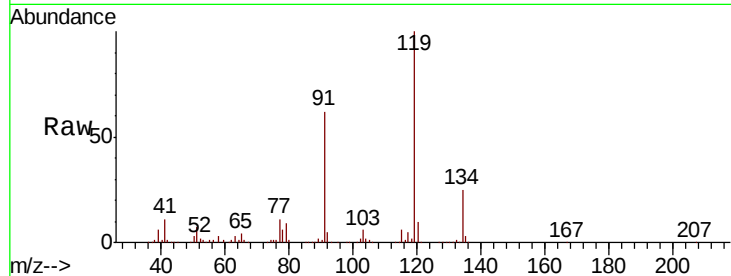




#83
 tert-Butylbenzene
 Concen: 22.19 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN051344.D
 Acq: 20 Sep 2018 17:17

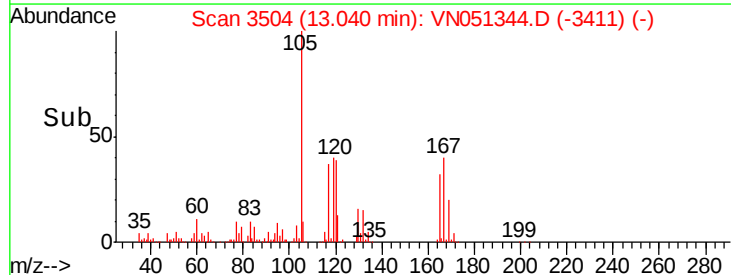
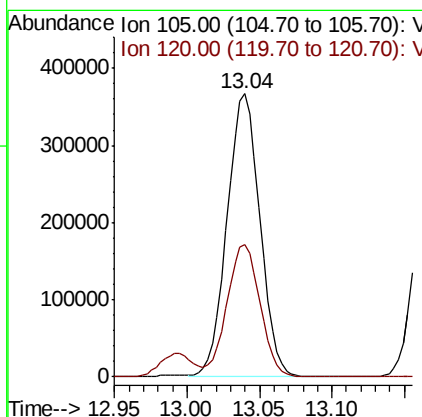
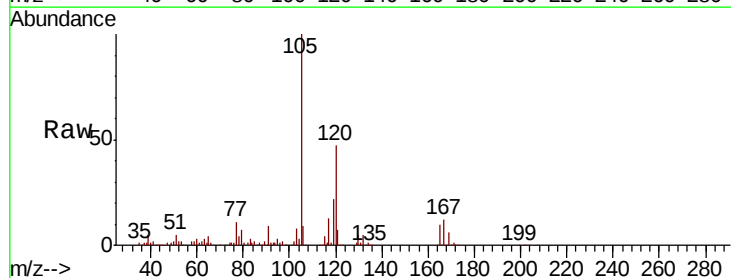
Instrument :
 MSVOA_N
 ClientSampled :
 VN0920WBS01

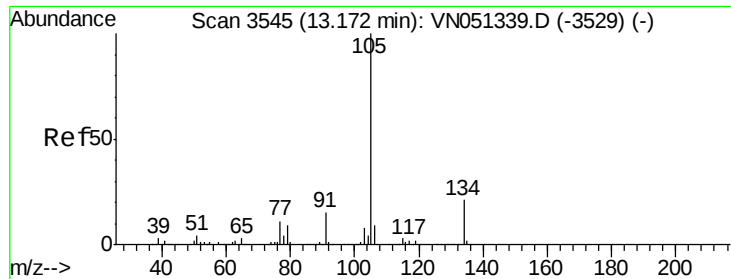
Tot Ion	Ratio	Lower	Upper
119	100		
91	60.9	30.6	91.8
134	27.4	12.6	37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 22.69 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051344.D
 Acq: 20 Sep 2018 17:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.5	70.6

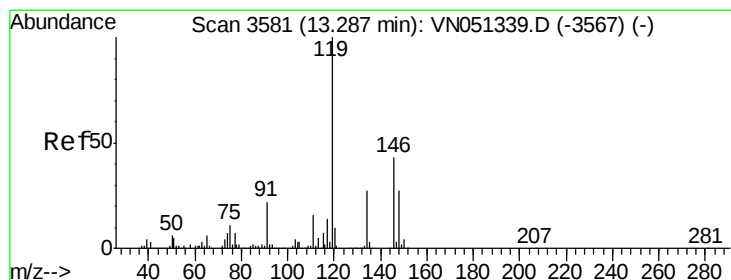
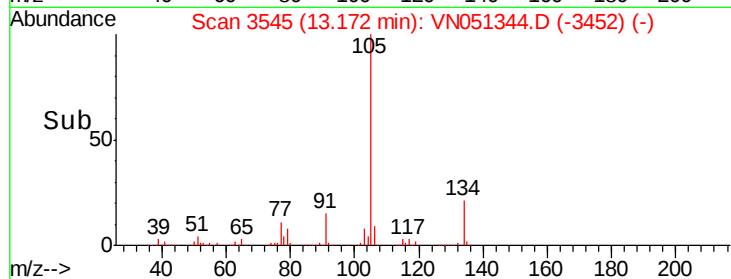
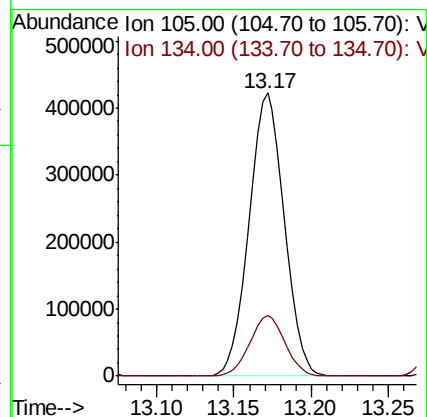
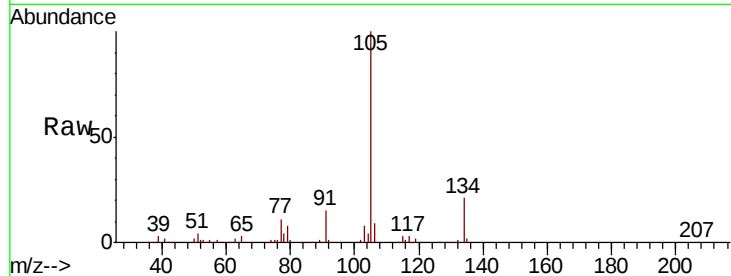




#85
 sec-Butylbenzene
 Concen: 21.93 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN051344.D
 Acq: 20 Sep 2018 17:17

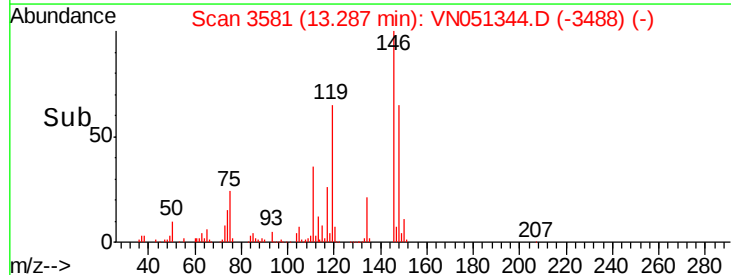
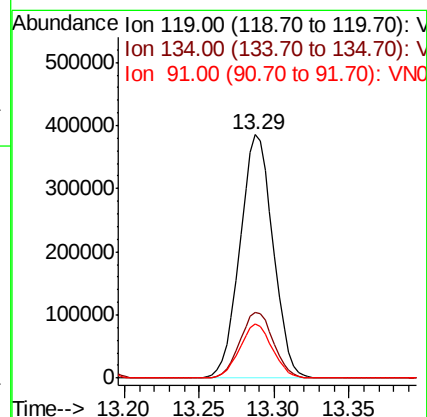
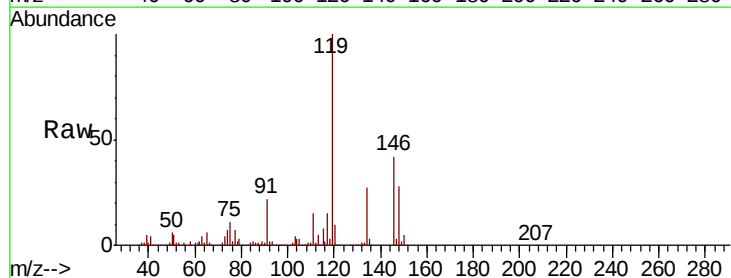
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBS01

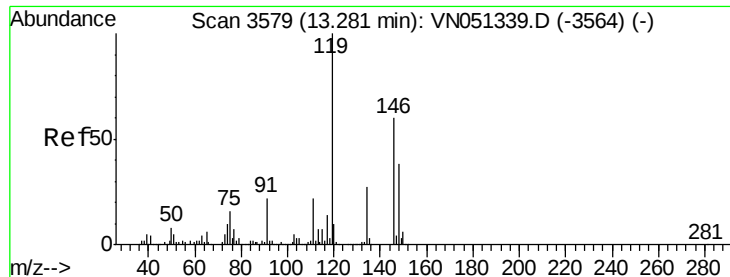
Tot Ion:105 Resp: 668059
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.8 32.3



#86
 p-Isopropyltoluene
 Concen: 22.27 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN051344.D
 Acq: 20 Sep 2018 17:17

Tgt Ion:119 Resp: 590501
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.7 41.0
 91 22.0 10.8 32.3





#87

1,3-Dichlorobenzene

Concen: 20.42 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBS01

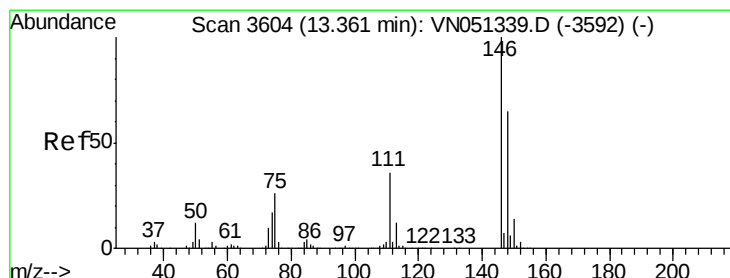
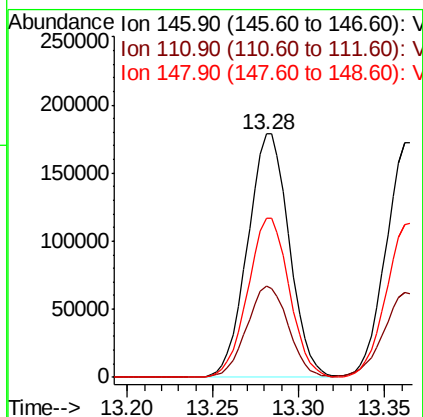
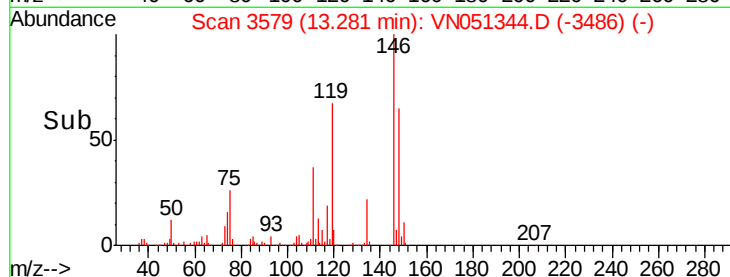
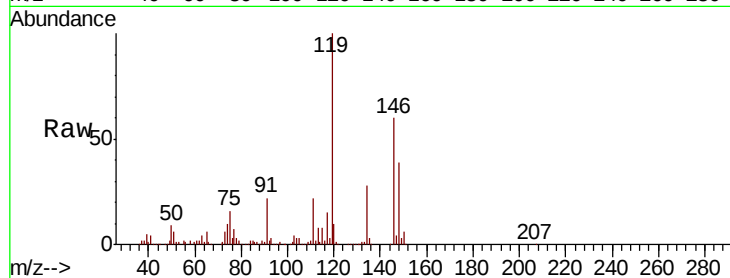
Tot Ion:146 Resp: 299405

Ion Ratio Lower Upper

146 100

111 37.4 18.6 55.8

148 65.2 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 20.15 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN051344.D

Acq: 20 Sep 2018 17:17

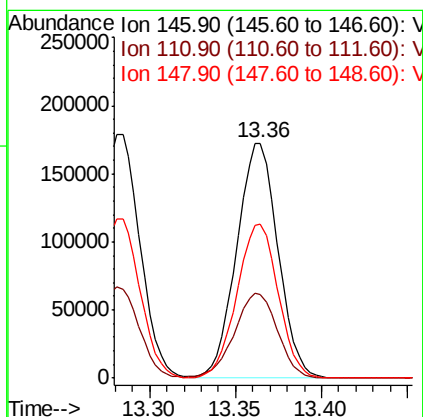
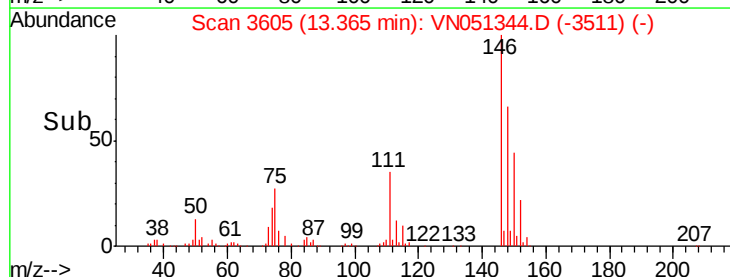
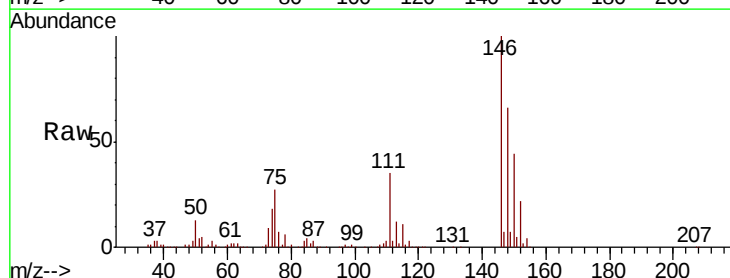
Tgt Ion:146 Resp: 286450

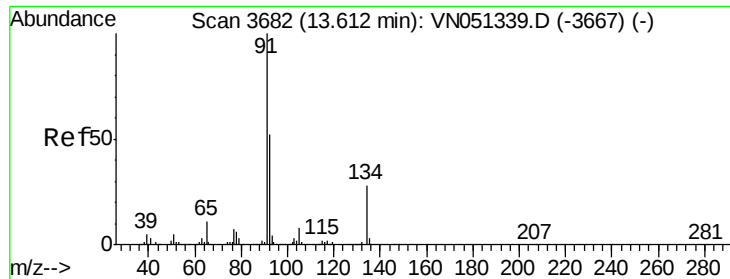
Ion Ratio Lower Upper

146 100

111 37.8 18.2 54.6

148 65.8 32.5 97.4

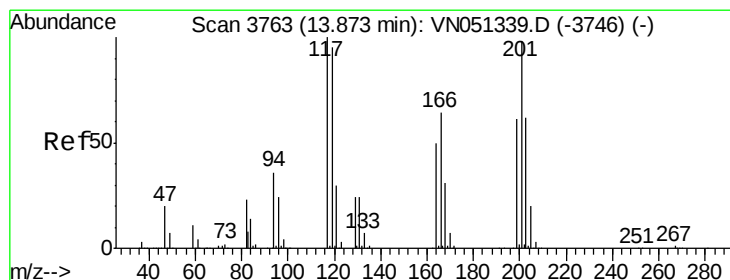
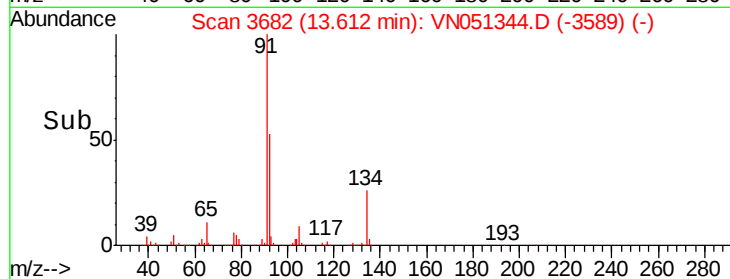
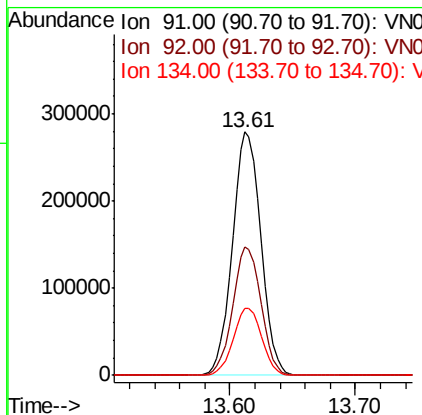
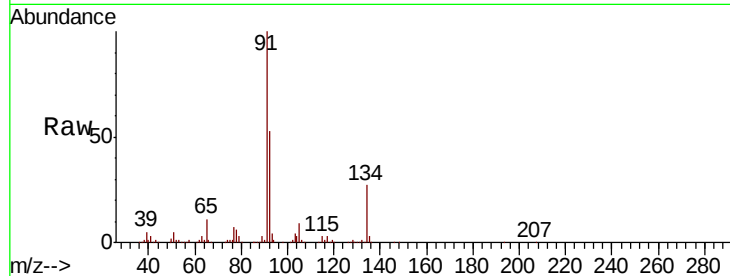




#89
n-Butylbenzene
Concen: 21.35 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN051344.D
Acq: 20 Sep 2018 17:17

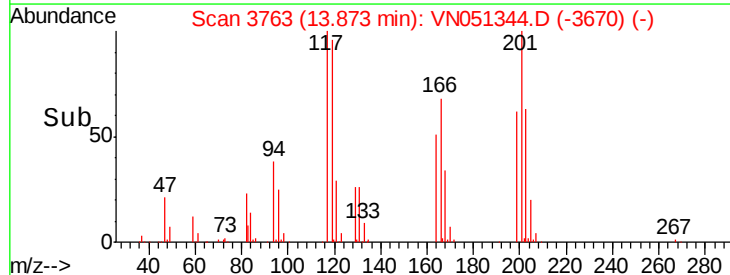
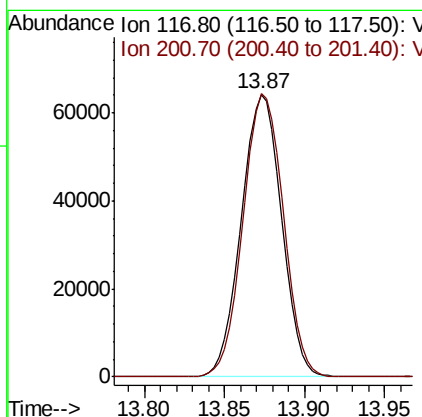
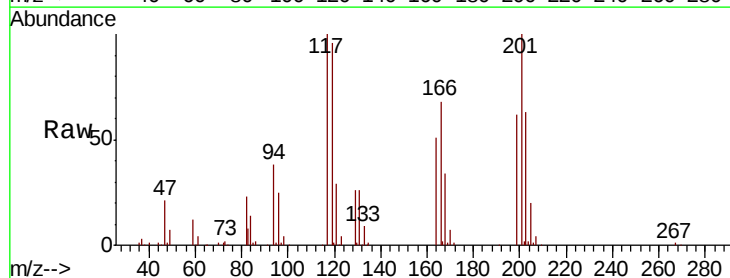
Instrument :
MSVOA_N
ClientSampled :
VN0920WBS01

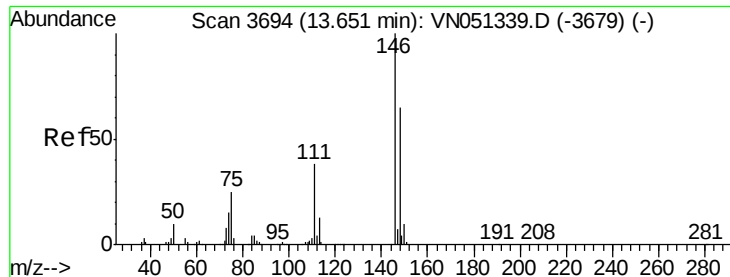
Tot Ion: 91 Resp: 439976
Ion Ratio Lower Upper
91 100
92 52.3 26.0 78.0
134 27.6 14.1 42.4



#90
Hexachloroethane
Concen: 19.41 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN051344.D
Acq: 20 Sep 2018 17:17

Tgt Ion: 117 Resp: 110199
Ion Ratio Lower Upper
117 100
201 100.6 49.5 148.3

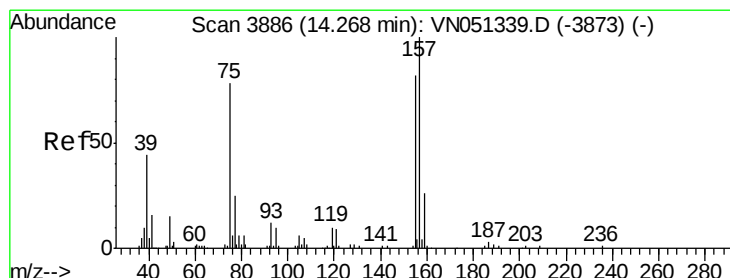
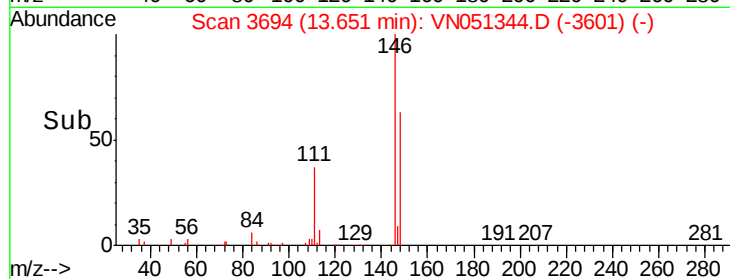
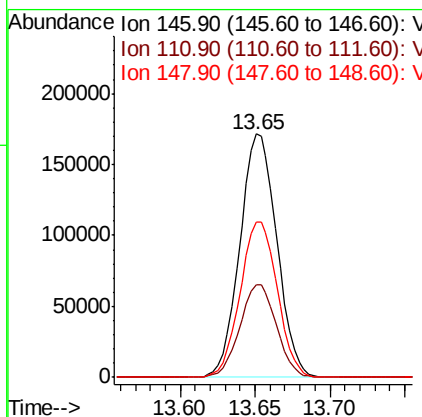
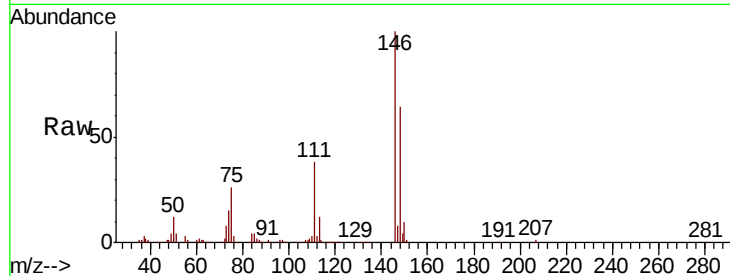




#91
 1,2-Dichlorobenzene
 Concen: 20.81 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN051344.D
 Acq: 20 Sep 2018 17:17

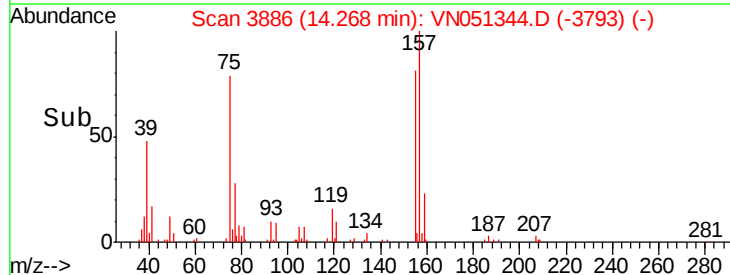
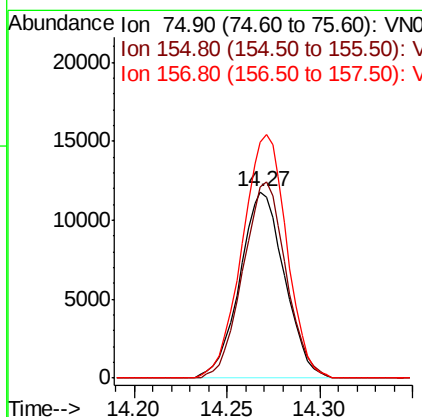
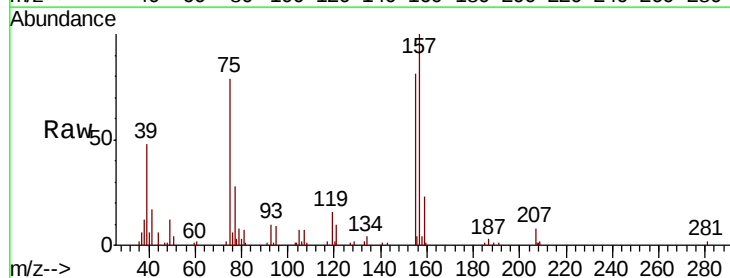
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBS01

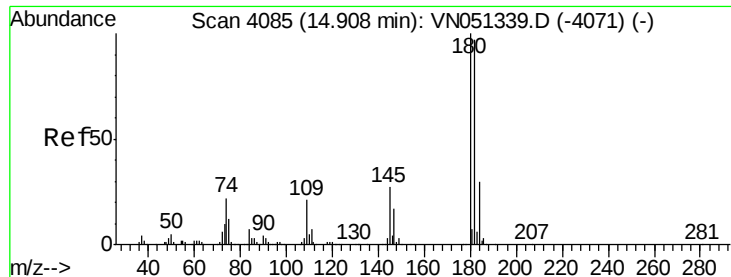
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.3	57.8
148	64.2	32.9	98.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.20 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN051344.D
 Acq: 20 Sep 2018 17:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.7	51.4	154.2
157	130.3	65.4	196.2

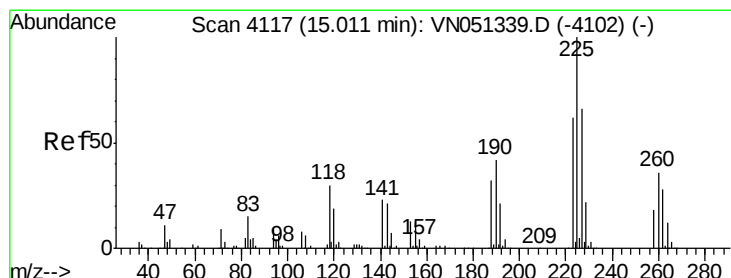
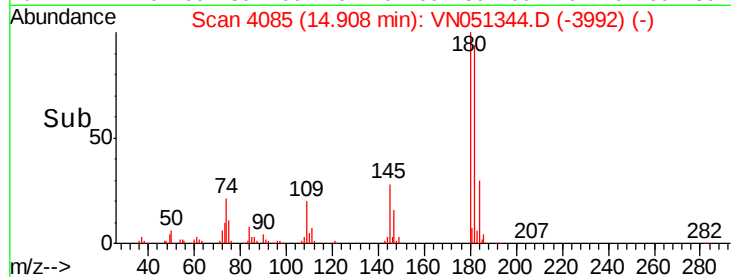
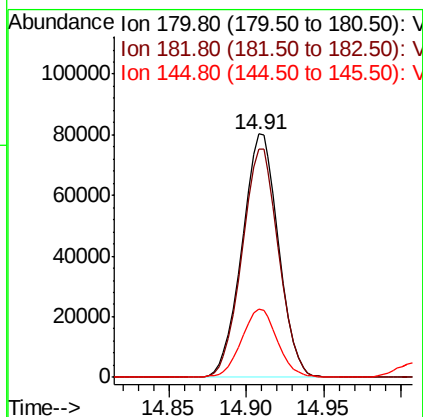
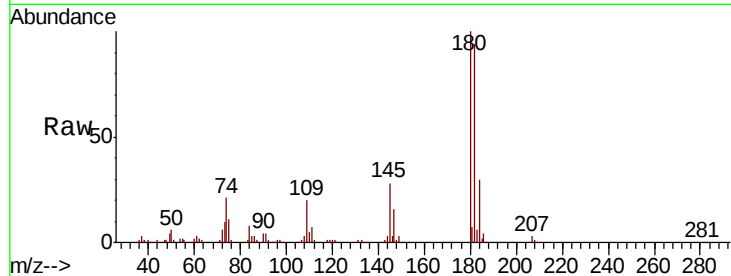




#93
 1,2,4-Trichlorobenzene
 Concen: 20.27 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN051344.D
 Acq: 20 Sep 2018 17:17

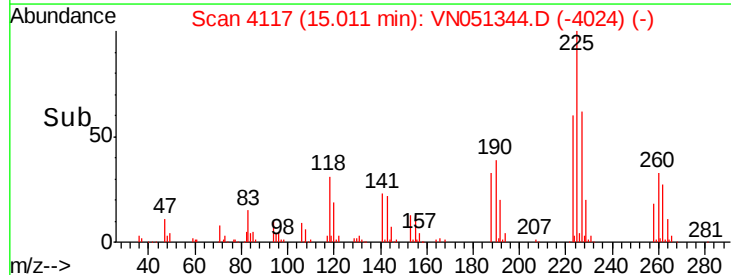
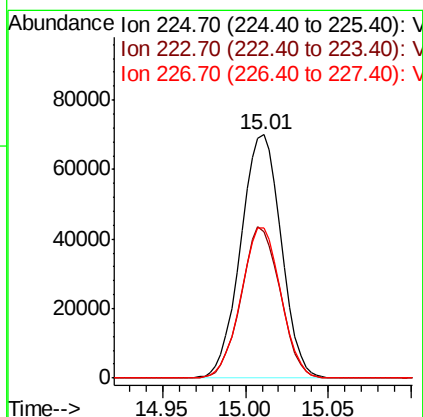
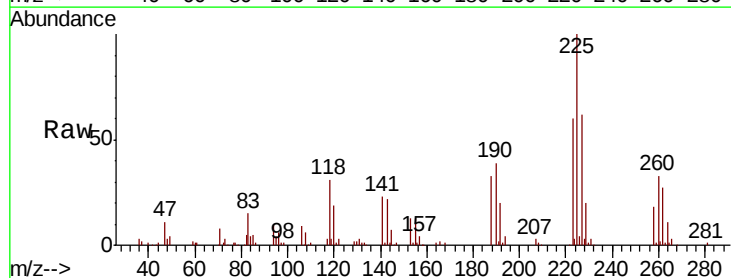
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBS01

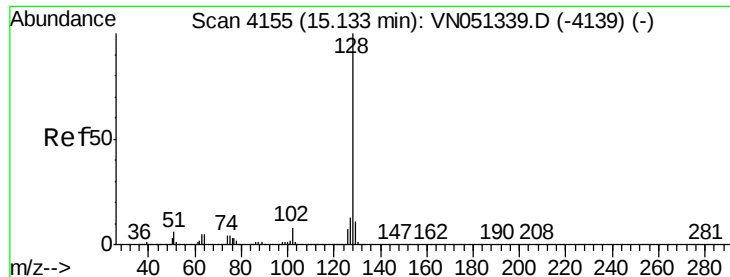
Tot Ion:180 Resp: 131585
 Ion Ratio Lower Upper
 180 100
 182 94.3 48.4 145.2
 145 27.7 13.7 41.1



#94
 Hexachlorobutadiene
 Concen: 21.66 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN051344.D
 Acq: 20 Sep 2018 17:17

Tgt Ion:225 Resp: 119045
 Ion Ratio Lower Upper
 225 100
 223 60.0 31.2 93.6
 227 60.8 32.8 98.4

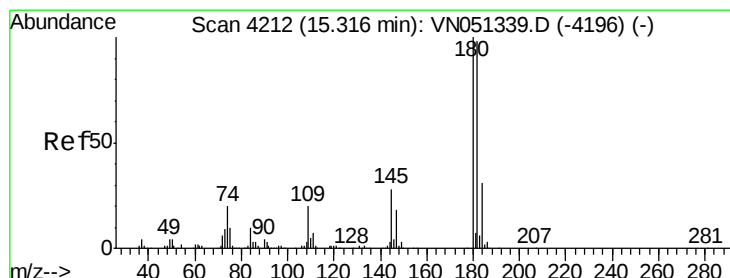
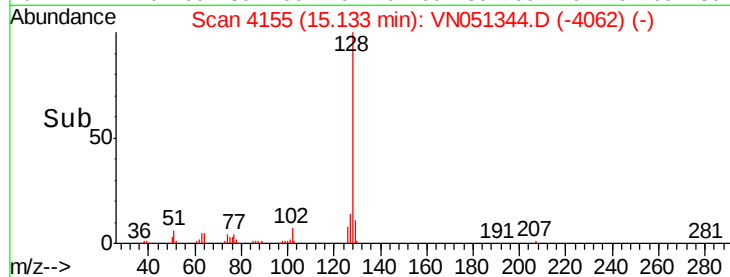
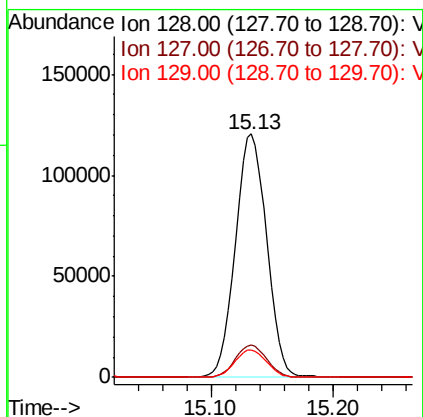
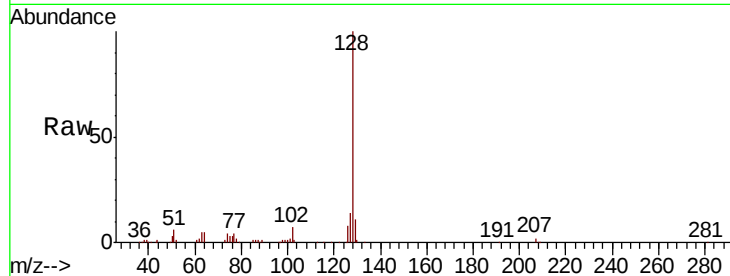




#95
Naphthalene
Concen: 18.67 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN051344.D
Acq: 20 Sep 2018 17:17

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

Tot Ion:128 Resp: 213657
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.83 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN051344.D
Acq: 20 Sep 2018 17:17

Tgt Ion:180 Resp: 134544
Ion Ratio Lower Upper
180 100
182 95.7 48.1 144.3
145 29.2 14.3 42.9

