

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111720\
 Data File : VN064678.D
 Acq On : 17 Nov 2020 14:19
 Operator : JC/MD
 Sample : L4772-07DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1DL

Quant Time: Nov 18 01:39:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	249969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	501753	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	542130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	243289	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	239862	55.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.18%	
35) Dibromofluoromethane	7.55	113	176978	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
50) Toluene-d8	10.06	98	648911	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
62) 4-Bromofluorobenzene	12.38	95	283462	56.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.54%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.74	59	136	0.283	ug/l #	71
13) Acrolein	3.58	56	63	0.212	ug/l #	15
16) Acetone	3.79	43	5220	3.147	ug/l #	89
31) Cyclohexane	7.62	56	6916	1.307	ug/l #	28
36) 1,1-Dichloropropene	7.62	75	23005	4.340	ug/l #	48
37) Ethyl Acetate	6.89	43	99	0.781	ug/l #	71
38) Carbon Tetrachloride	7.63	117	28094	4.959	ug/l #	18
55) 1,1,2-Trichloroethane	10.50	97	2787	0.752	ug/l #	14
56) Ethyl methacrylate	10.39	69	2530	2.241	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.68	63	527	21.705	ug/l #	51
59) 2-Hexanone	10.55	43	93	4.051	ug/l	77
67) Ethyl Benzene	11.48	91	14955	0.707	ug/l	98
68) m/p-Xylenes	11.60	106	5597	0.730	ug/l	76
71) Bromoform	12.35	173	90	1.301	ug/l #	29
73) Isopropylbenzene	12.22	105	360118	18.623	ug/l	100
74) N-amyl acetate	12.02	43	18032	3.090	ug/l #	69
75) 1,1,2,2-Tetrachloroethane	12.45	83	4468	0.752	ug/l #	25
76) 1,2,3-Trichloropropane	12.57	75	6583	1.117	ug/l #	100
78) n-propylbenzene	12.57	91	805247	36.526	ug/l	100
79) 2-Chlorotoluene	12.57	91	805247	57.589	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.66	105	47489	2.977	ug/l	72
81) trans-1,4-Dichloro-2-buten	12.23	75	5616	2.660	ug/l #	62
82) 4-Chlorotoluene	12.57	91	805247	54.991	ug/l #	44
83) tert-Butylbenzene	12.97	119	70610	5.667	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	1133301	70.668	ug/l	99
85) sec-Butylbenzene	13.14	105	315941	20.022	ug/l #	73
86) p-Isopropyltoluene	13.42	119	134932	9.507	ug/l	95
89) n-Butylbenzene	13.59	91	148125	12.138	ug/l #	80
90) Hexachloroethane	13.86	117	54266	19.820	ug/l #	18
92) 1,2-Dibromo-3-Chloropropan	14.18	75	2309	1.953	ug/l #	10
93) 1,2,4-Trichlorobenzene	14.89	180	301	2.737	ug/l #	1
95) Naphthalene	15.10	128	34439	6.017	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	30	2.783	ug/l #	1

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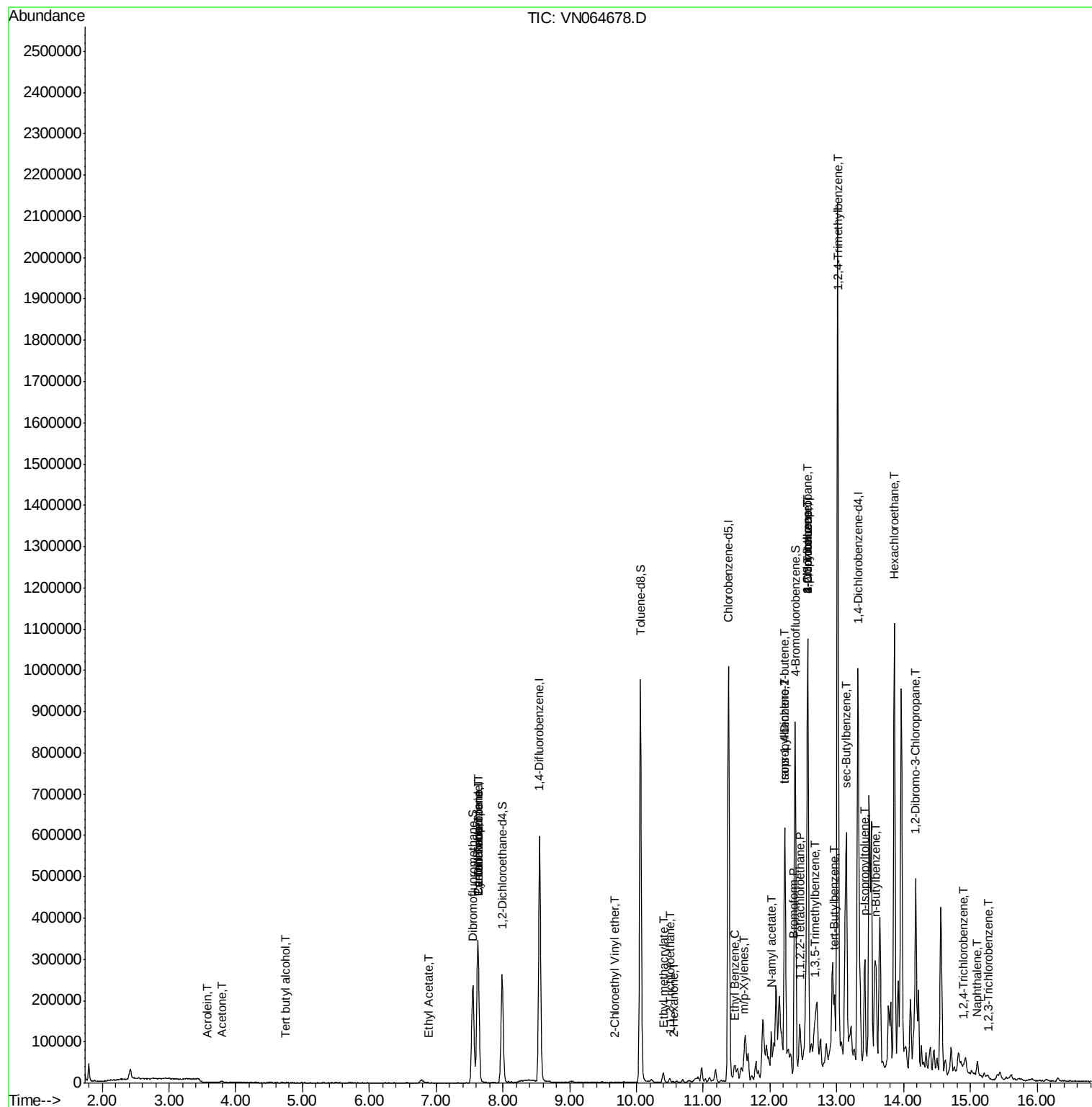
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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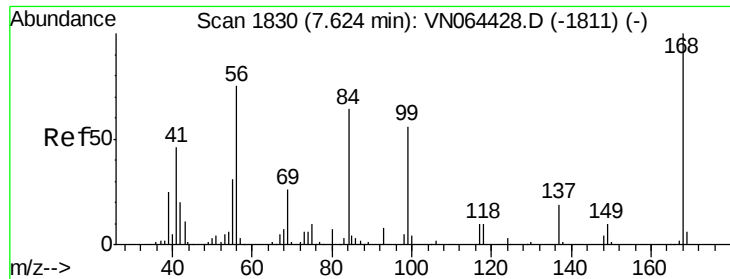
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064678.D

Acq: 17 Nov 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

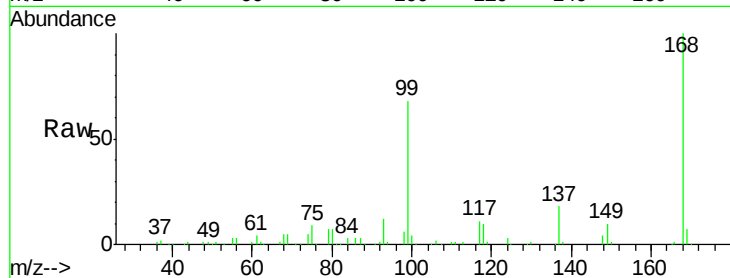
MW-1DL

Tot Ion:168 Resp: 249969

Ion Ratio Lower Upper

168 100

99 67.7 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

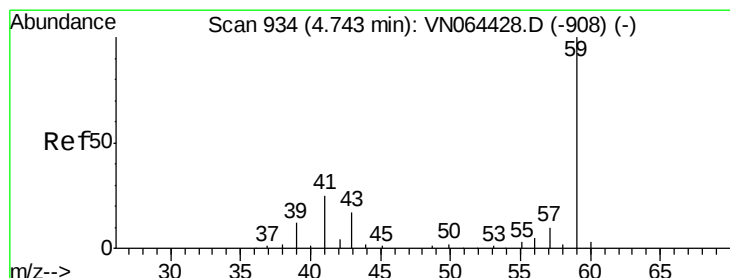
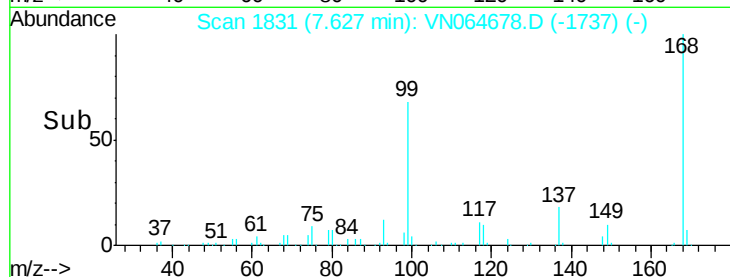
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#11

Tert butyl alcohol

Concen: 0.283 ug/l

RT: 4.74 min Scan# 934

Delta R.T. -0.00 min

Lab File: VN064678.D

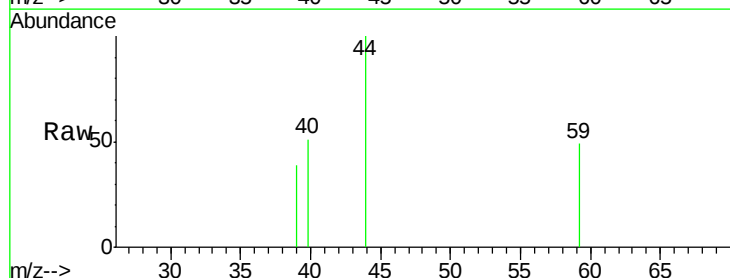
Acq: 17 Nov 2020 14:19

Tgt Ion: 59 Resp: 136

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.74

300

250

200

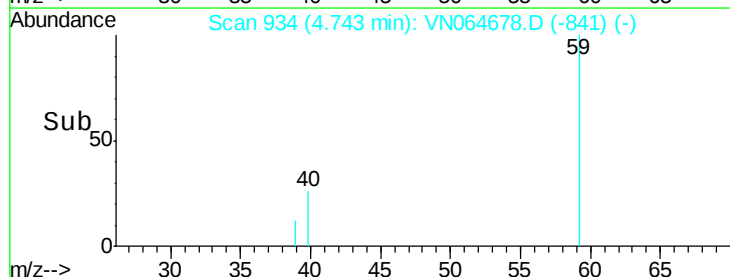
150

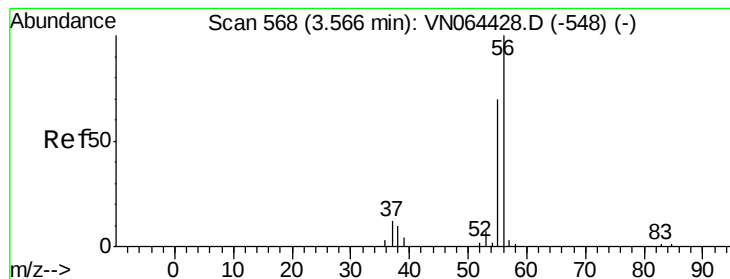
100

50

0

Time--> 4.73 4.74 4.75





#13

Acrolein

Concen: 0.212 ug/l

RT: 3.58 min Scan# 573

Delta R.T. 0.02 min

Lab File: VN064678.D

Acq: 17 Nov 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

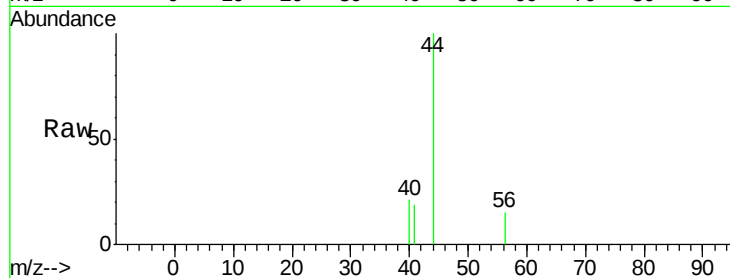
MW-1DL

Tot Ion: 56 Resp: 63

Ion Ratio Lower Upper

56 100

55 0.0 55.9 83.9#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

200

150

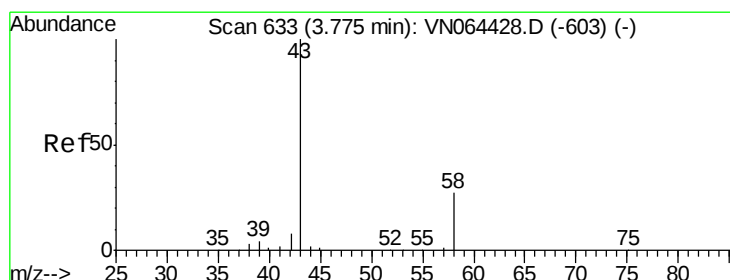
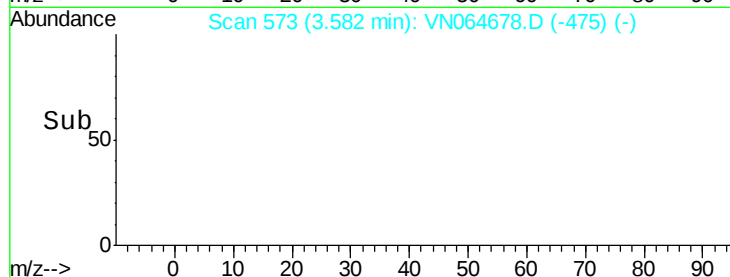
100

50

0

3.57 3.58 3.59

Time-->



#16

Acetone

Concen: 3.147 ug/l

RT: 3.79 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN064678.D

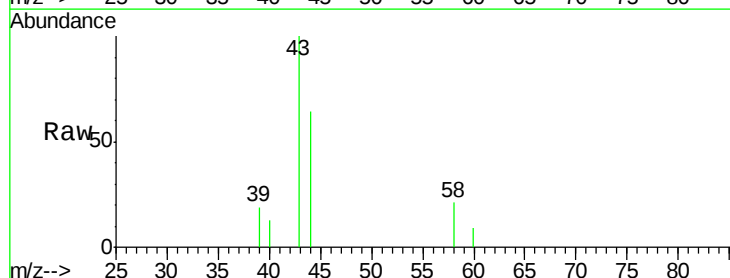
Acq: 17 Nov 2020 14:19

Tgt Ion: 43 Resp: 5220

Ion Ratio Lower Upper

43 100

58 21.0 21.4 32.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

2000

1500

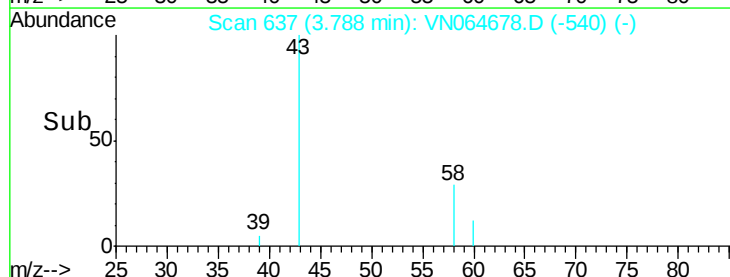
1000

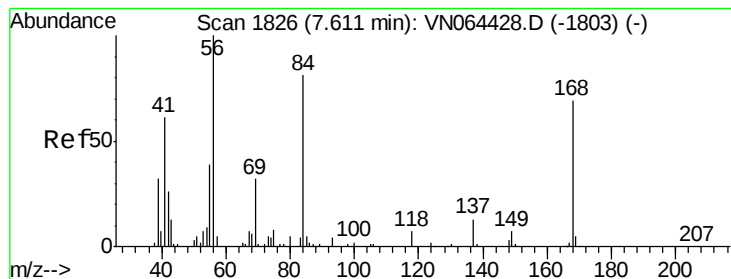
500

0

3.70 3.75 3.80 3.85

Time-->





#31

Cyclohexane

Concen: 1.307 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. 0.01 min

Lab File: VN064678.D

Acq: 17 Nov 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

MW-1DL

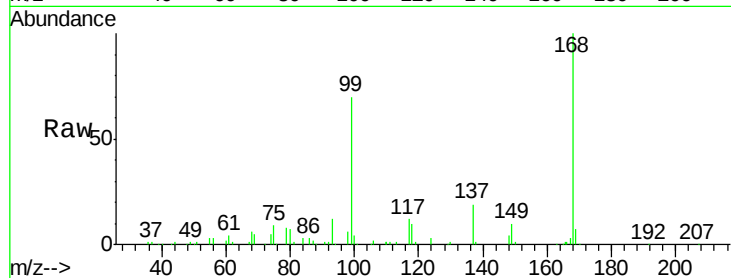
Tot Ion: 56 Resp: 6916

Ion Ratio Lower Upper

56 100

69 153.6 25.6 38.4#

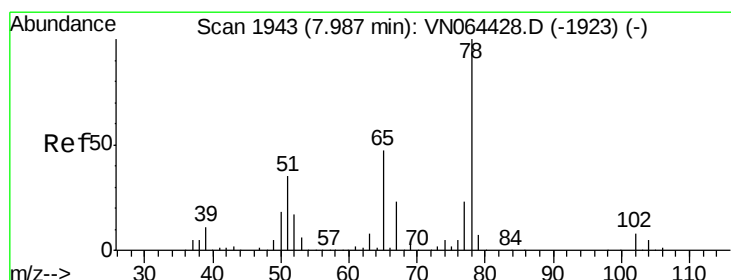
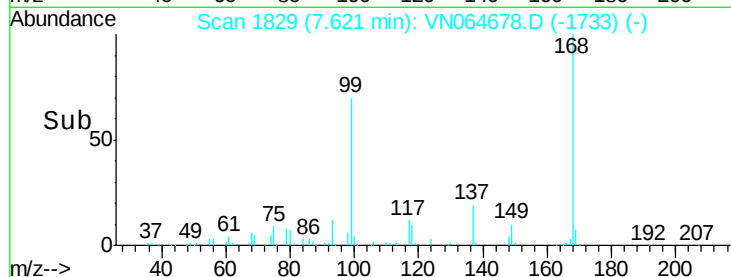
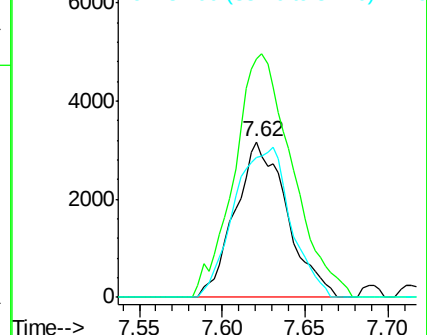
84 89.9 63.0 94.6



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



#33

1,2-Dichloroethane-d4

Concen: 55.089 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064678.D

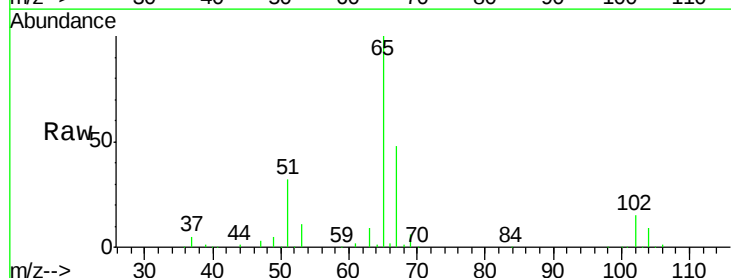
Acq: 17 Nov 2020 14:19

Tgt Ion: 65 Resp: 239862

Ion Ratio Lower Upper

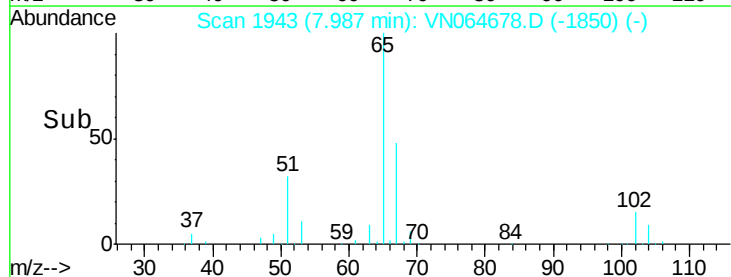
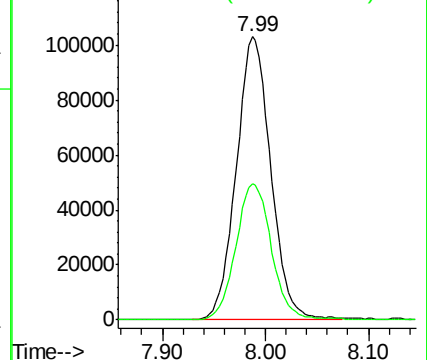
65 100

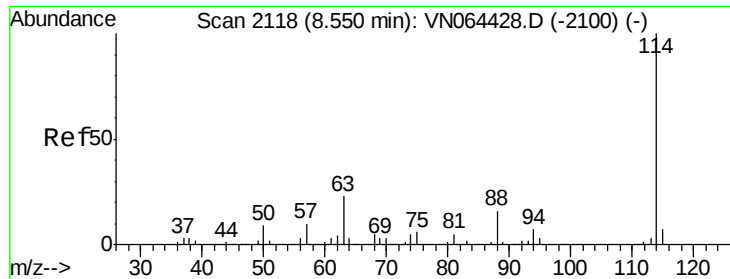
67 49.4 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

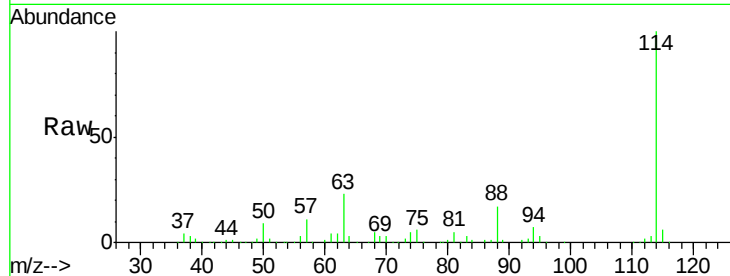




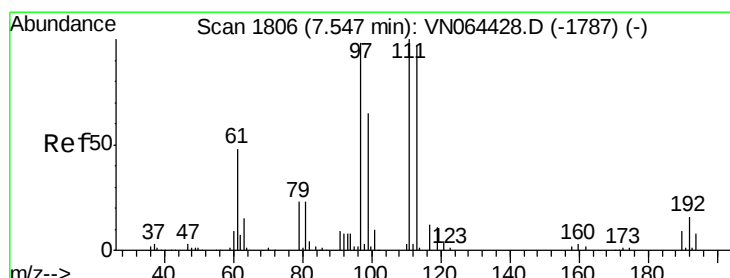
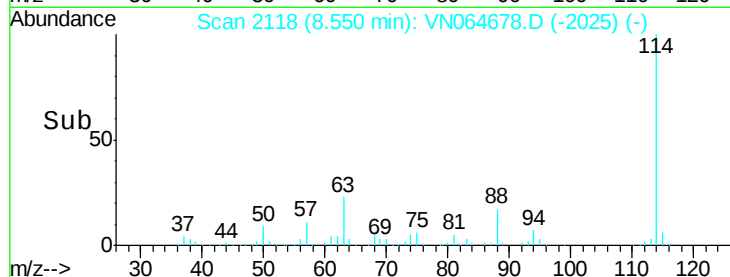
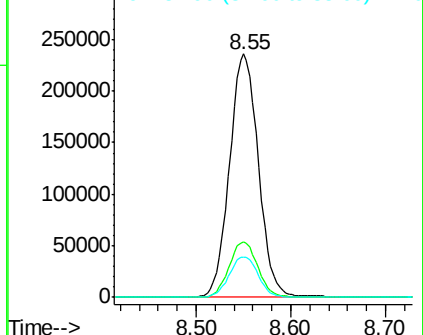
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN064678.D
Acq: 17 Nov 2020 14:19

Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

Tot Ion:114 Resp: 501753
Ion Ratio Lower Upper
114 100
63 22.6 0.0 45.6
88 16.6 0.0 32.8

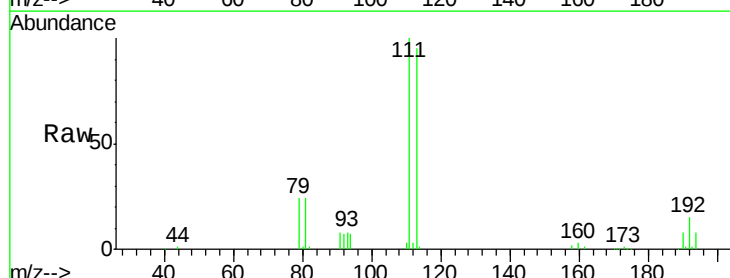


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

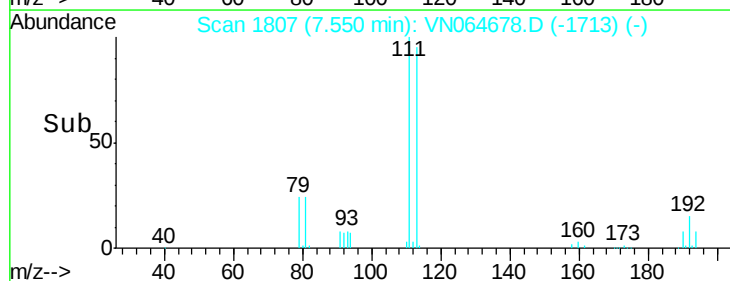
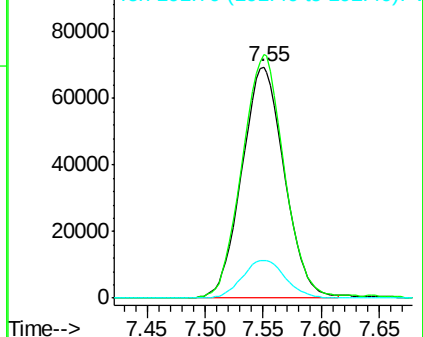


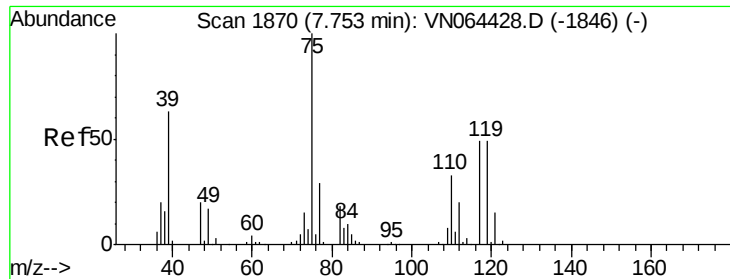
#35
Dibromofluoromethane
Concen: 51.805 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064678.D
Acq: 17 Nov 2020 14:19

Tgt Ion:113 Resp: 176978
Ion Ratio Lower Upper
113 100
111 105.0 81.1 121.7
192 16.7 12.8 19.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.340 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN064678.D

Acq: 17 Nov 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

MW-1DL

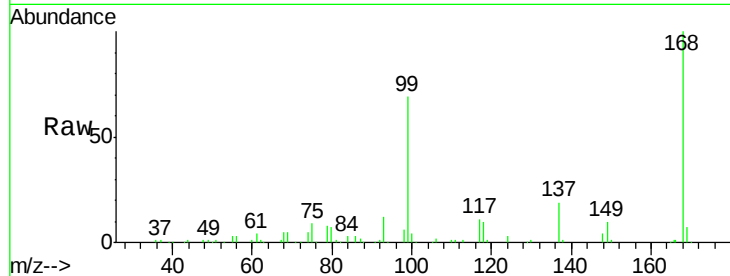
Tot Ion: 75 Resp: 23005

Ion Ratio Lower Upper

75 100

110 4.3 16.0 48.0#

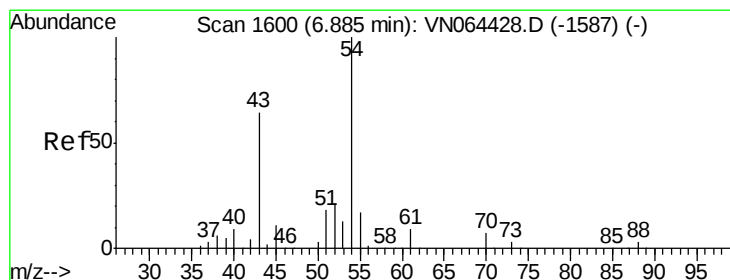
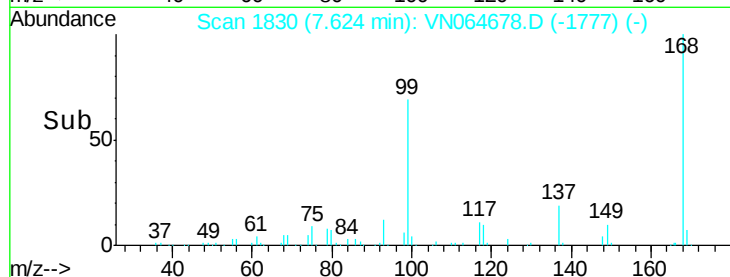
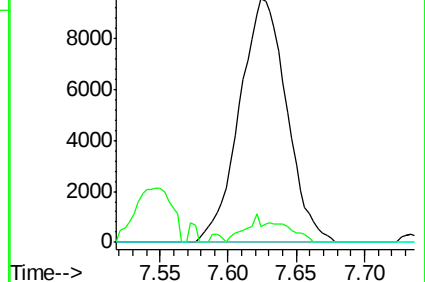
77 0.0 24.0 36.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#37

Ethyl Acetate

Concen: 0.781 ug/l

RT: 6.89 min Scan# 1603

Delta R.T. 0.01 min

Lab File: VN064678.D

Acq: 17 Nov 2020 14:19

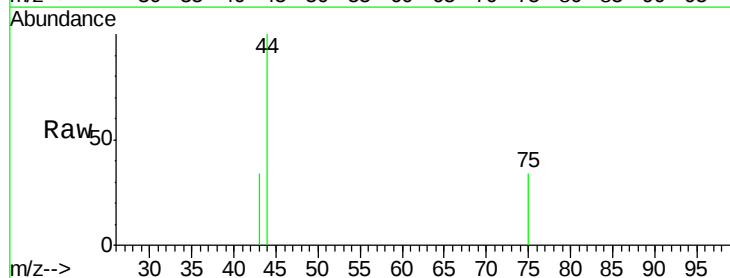
Tgt Ion: 43 Resp: 99

Ion Ratio Lower Upper

43 100

61 0.0 10.0 15.0#

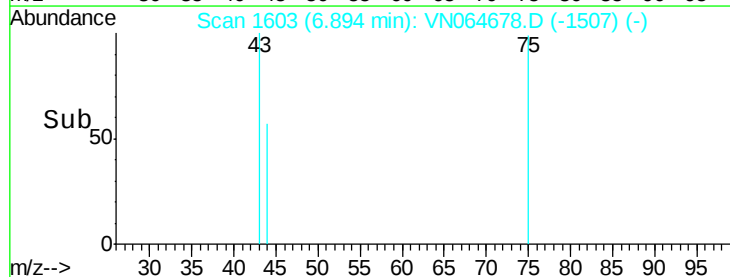
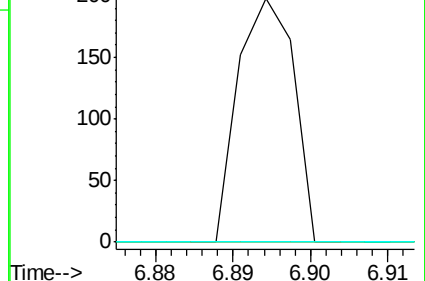
70 0.0 7.1 10.7#

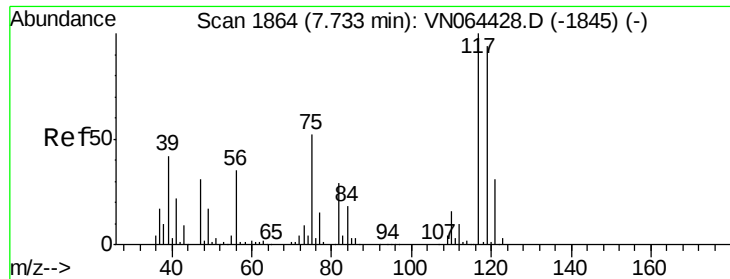


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0





#38

Carbon Tetrachloride

Concen: 4.959 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN064678.D

Acq: 17 Nov 2020 14:19

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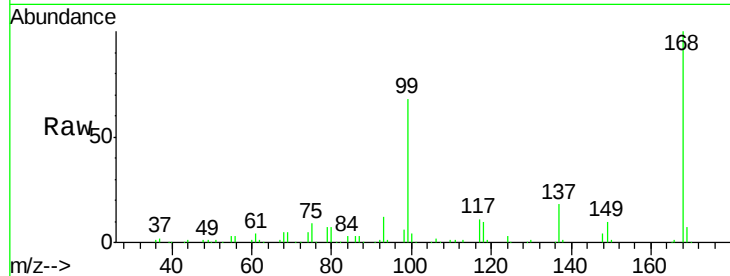
Tot Ion:117 Resp: 28094

Ion Ratio Lower Upper

117 100

119 7.1 75.5 113.3#

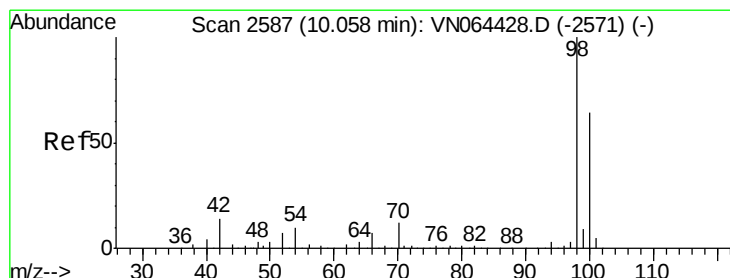
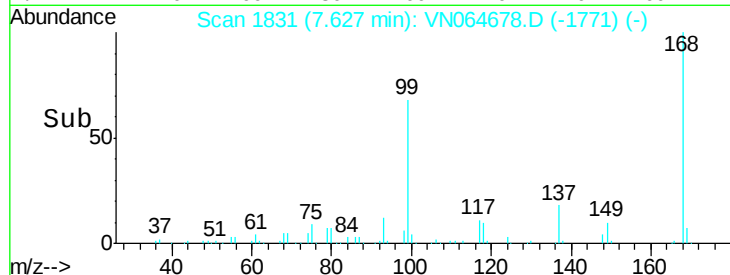
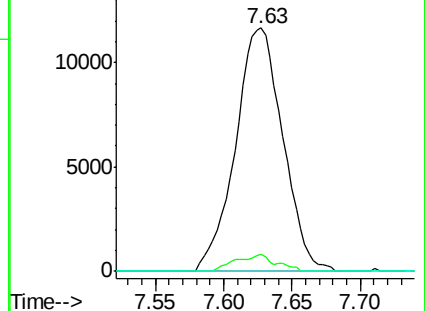
121 0.0 24.4 36.6#



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



#50

Toluene-d8

Concen: 49.146 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064678.D

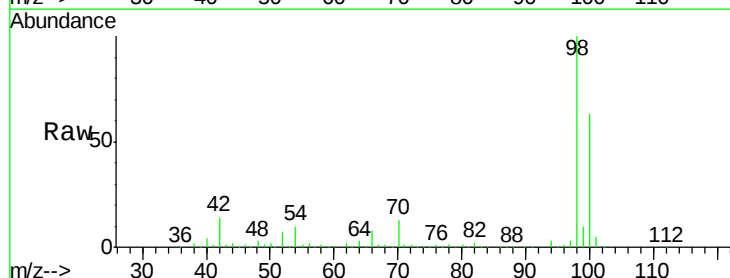
Acq: 17 Nov 2020 14:19

Tgt Ion: 98 Resp: 648911

Ion Ratio Lower Upper

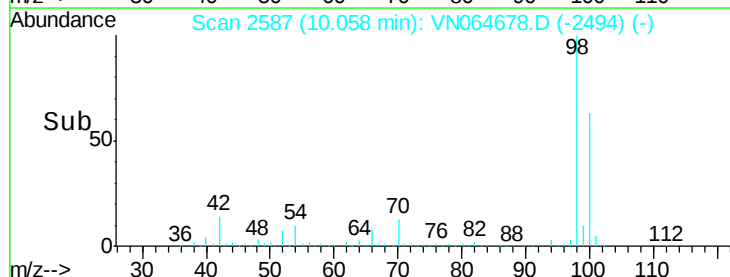
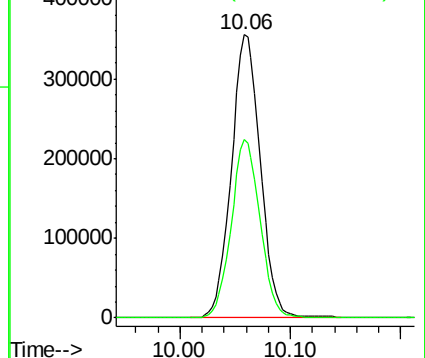
98 100

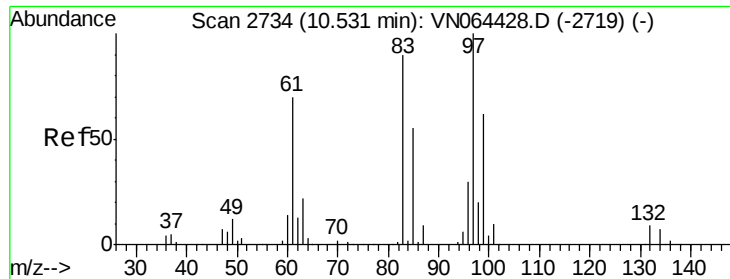
100 62.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#55

1,1,2-Trichloroethane

Concen: 0.752 ug/l

RT: 10.50 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN064678.D

Acq: 17 Nov 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

MW-1DL

Tot Ion: 97 Resp: 2787

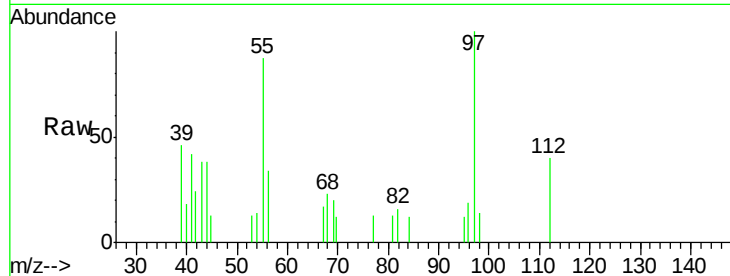
Ion Ratio Lower Upper

97 100

83 0.0 71.7 107.5#

85 0.0 44.3 66.5#

99 0.0 49.4 74.2#

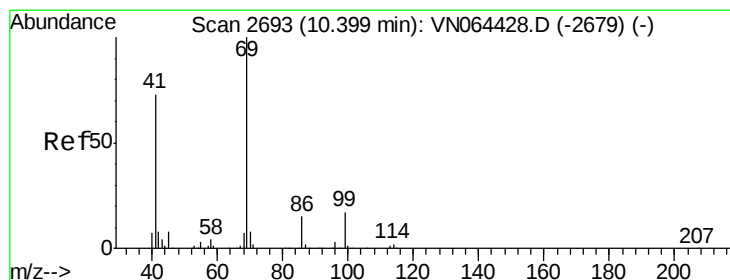
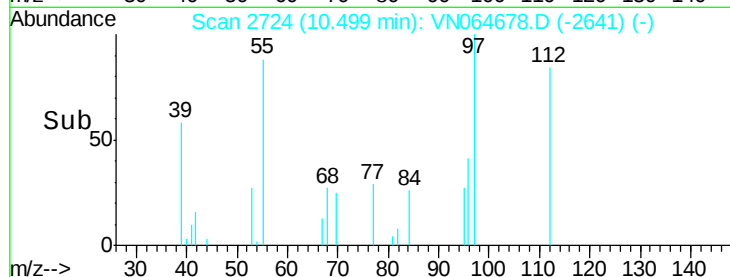
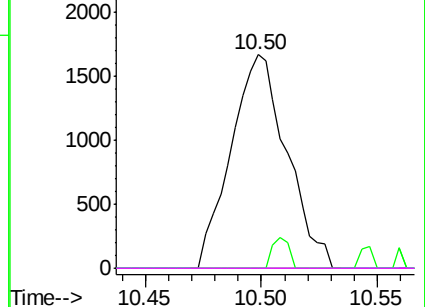


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 2.241 ug/l

RT: 10.39 min Scan# 2691

Delta R.T. -0.01 min

Lab File: VN064678.D

Acq: 17 Nov 2020 14:19

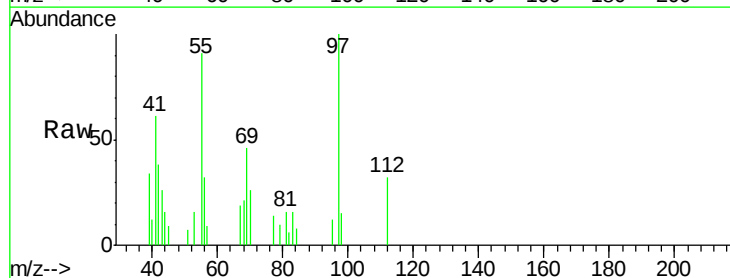
Tgt Ion: 69 Resp: 2530

Ion Ratio Lower Upper

69 100

41 176.2 59.3 88.9#

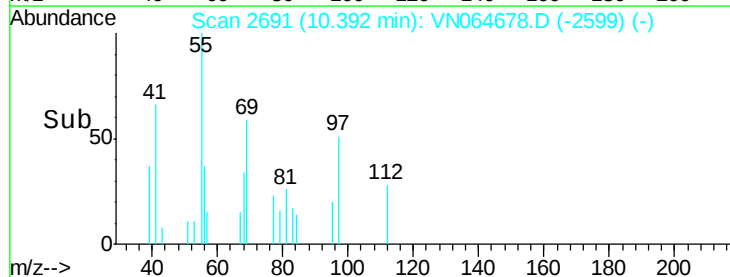
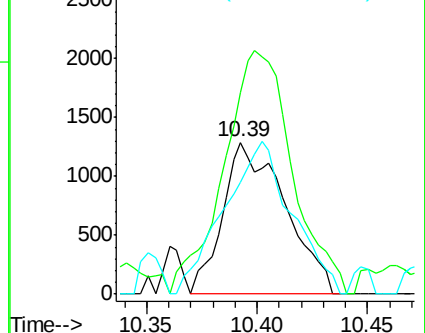
39 109.4 35.4 53.0#

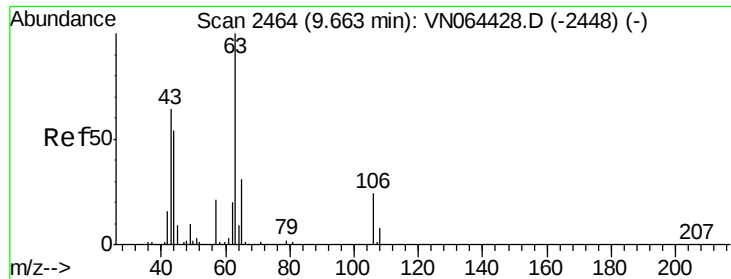


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

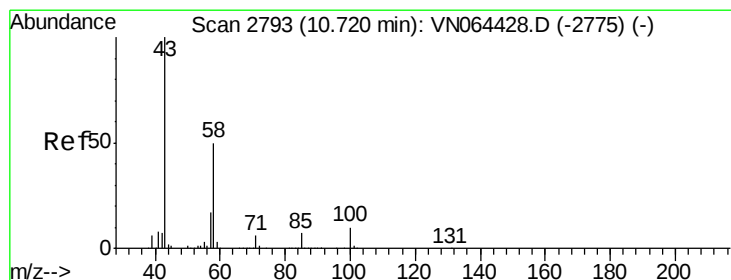
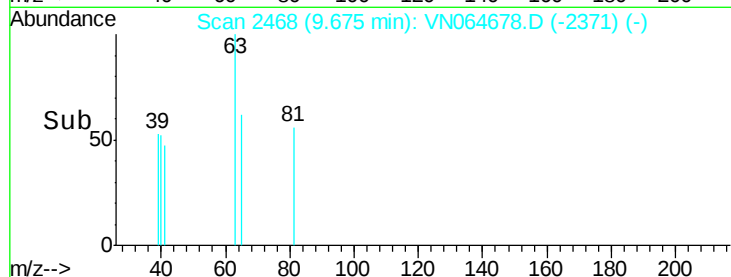
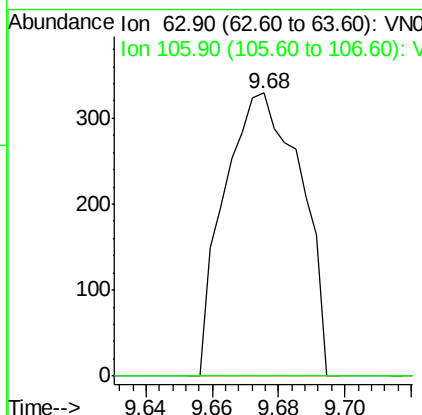
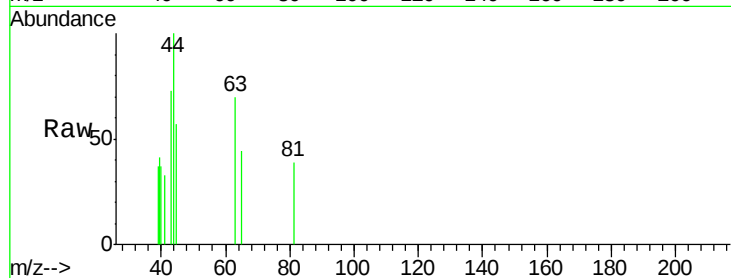




#58
 2-Chloroethyl Vinyl ether
 Concen: 21.705 ug/l
 RT: 9.68 min Scan# 2468
 Delta R.T. 0.01 min
 Lab File: VN064678.D
 Acq: 17 Nov 2020 14:19

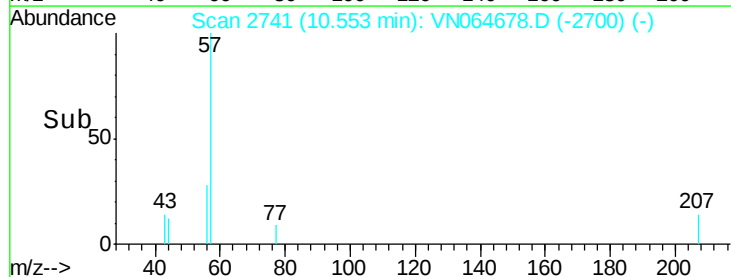
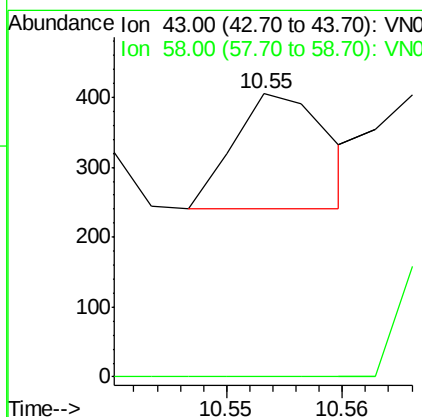
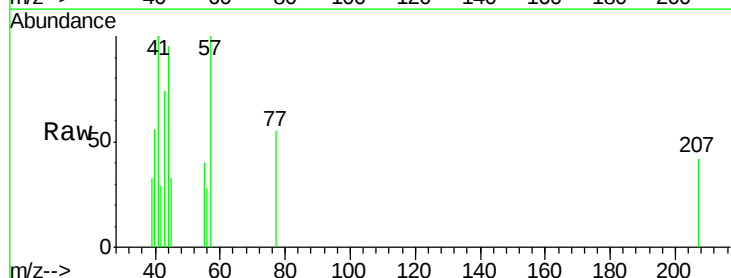
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1DL

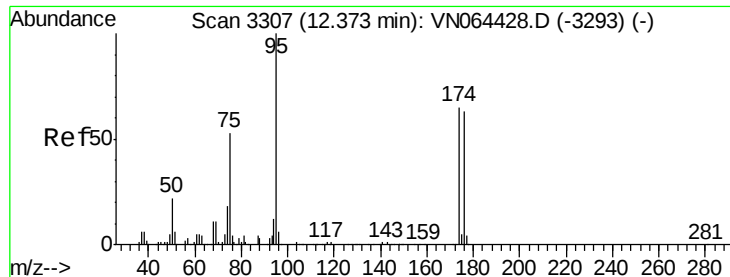
Tot Ion: 63 Resp: 527
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.5 29.3#



#59
 2-Hexanone
 Concen: 4.051 ug/l
 RT: 10.55 min Scan# 2741
 Delta R.T. -0.17 min
 Lab File: VN064678.D
 Acq: 17 Nov 2020 14:19

Tgt Ion: 43 Resp: 93
 Ion Ratio Lower Upper
 43 100
 58 33.3 24.7 74.1





#62

4-Bromofluorobenzene

Concen: 56.766 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064678.D

Acq: 17 Nov 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

MW-1DL

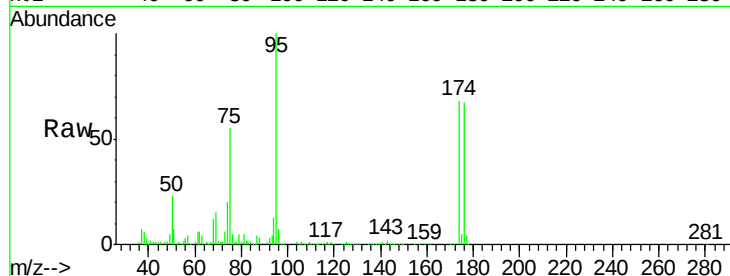
Tot Ion: 95 Resp: 283462

Ion Ratio Lower Upper

95 100

174 69.5 0.0 132.6

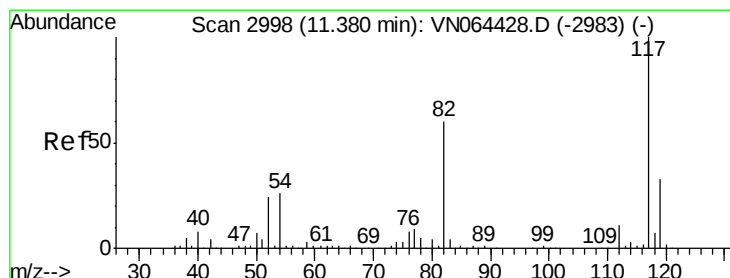
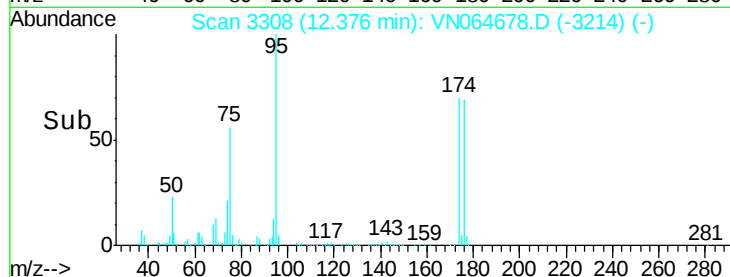
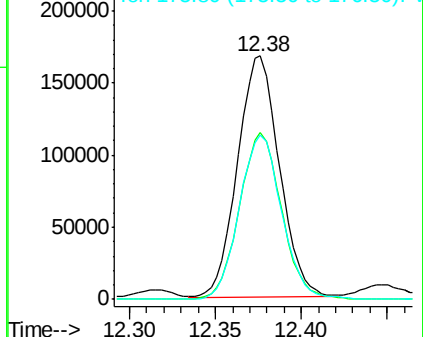
176 68.9 0.0 129.2



Abundance Ion 94.90 (94.60 to 95.60): VN064428.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064428.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064428.D (-3293) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN064678.D

Acq: 17 Nov 2020 14:19

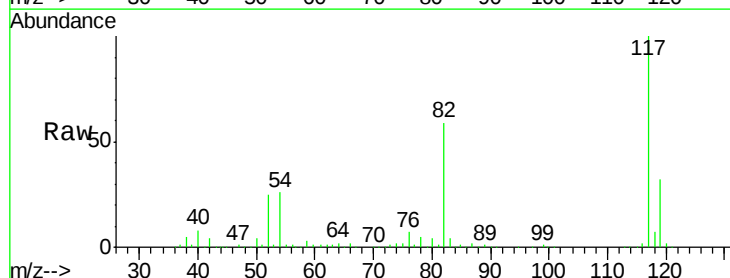
Tgt Ion: 117 Resp: 542130

Ion Ratio Lower Upper

117 100

82 59.3 48.1 72.1

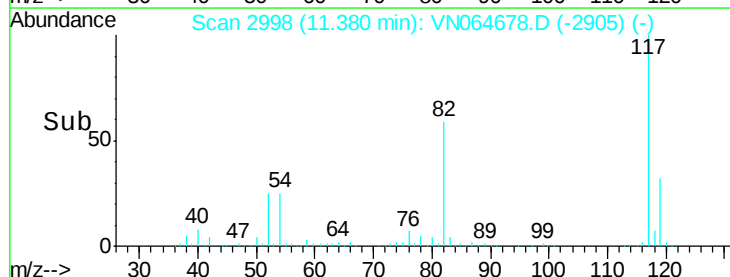
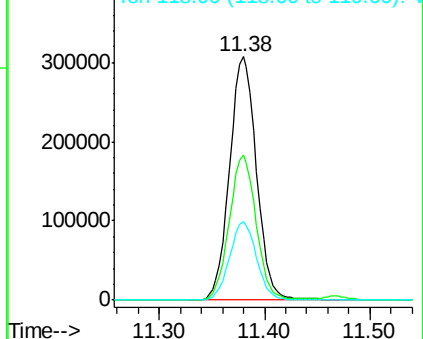
119 32.3 26.2 39.4

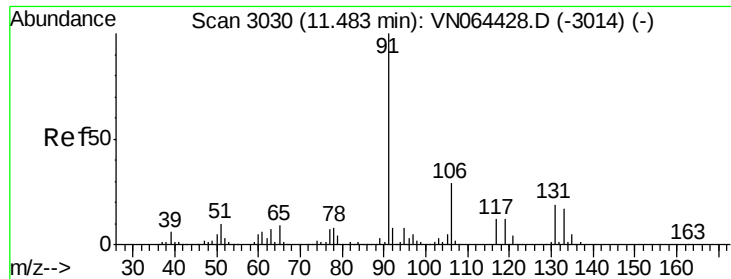


Abundance Ion 116.90 (116.60 to 117.60): VN064428.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN064428.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN064428.D (-2983) (-)

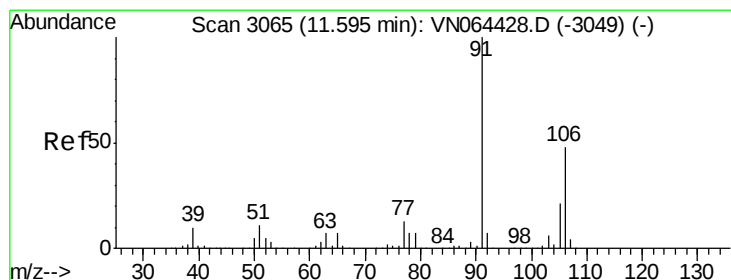
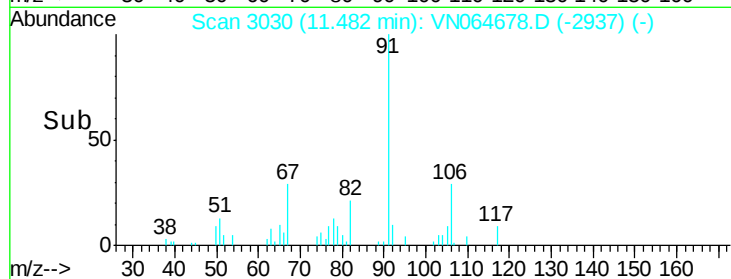
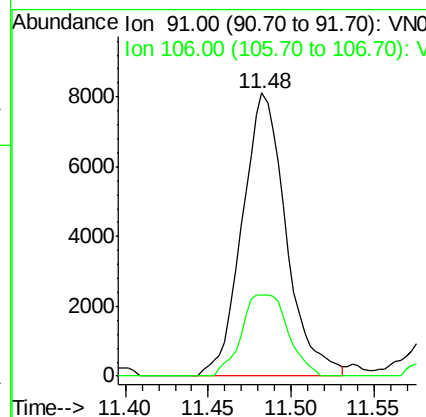
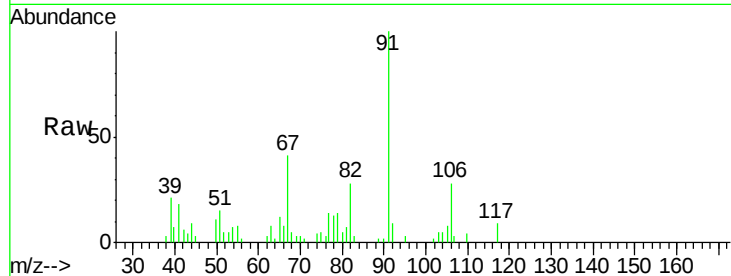




#67
Ethyl Benzene
Concen: 0.707 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064678.D
Acq: 17 Nov 2020 14:19

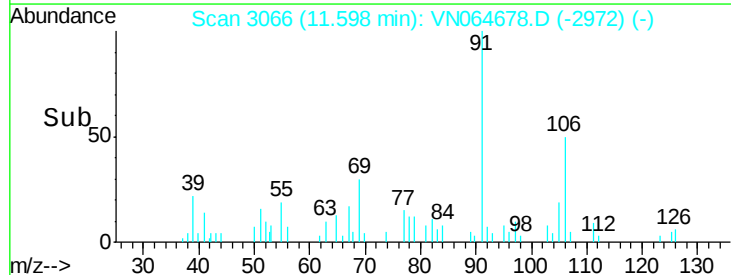
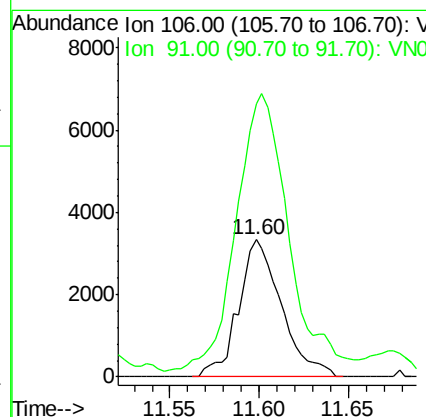
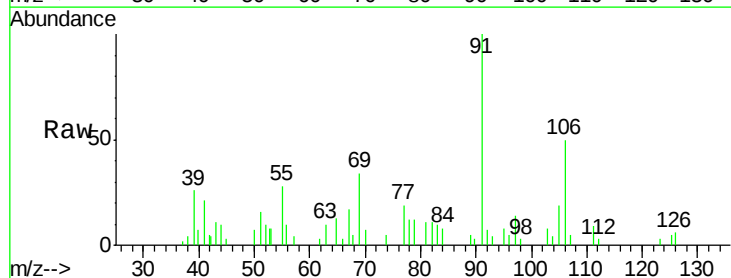
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

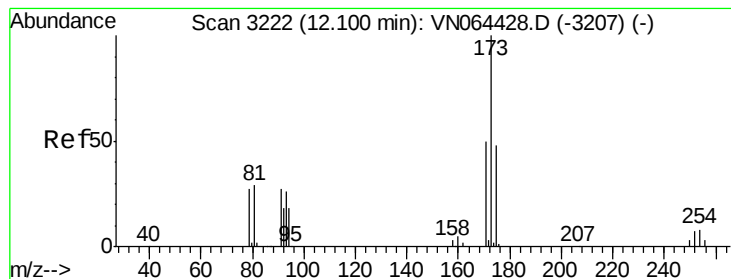
Tot Ion: 91 Resp: 14955
Ion Ratio Lower Upper
91 100
106 28.5 23.6 35.4



#68
m/p-Xylenes
Concen: 0.730 ug/l
RT: 11.60 min Scan# 3066
Delta R.T. 0.00 min
Lab File: VN064678.D
Acq: 17 Nov 2020 14:19

Tgt Ion: 106 Resp: 5597
Ion Ratio Lower Upper
106 100
91 250.0 169.4 254.2





#71

Bromoform

Concen: 1.301 ug/l

RT: 12.35 min Scan# 3299

Delta R.T. 0.25 min

Lab File: VN064678.D

Acq: 17 Nov 2020 14:19

Instrument :

MSVOA_N

ClientSampled :

MW-1DL

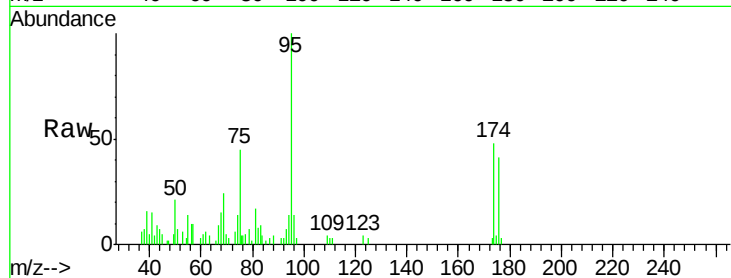
Tot Ion:173 Resp: 90

Ion Ratio Lower Upper

173 100

175 0.0 23.7 71.1#

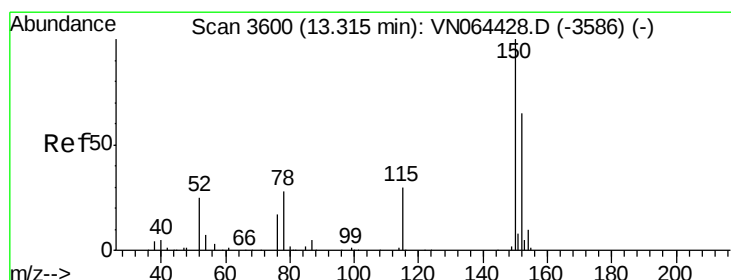
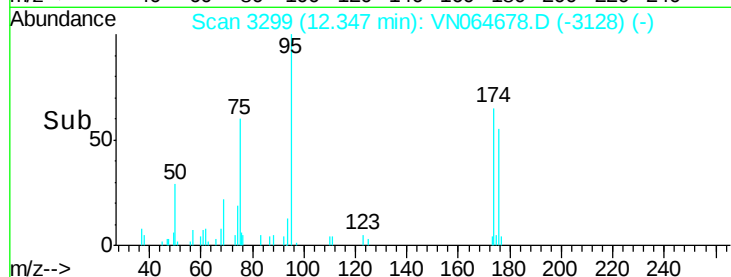
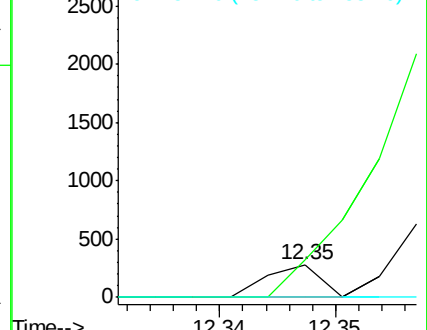
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064678.D

Acq: 17 Nov 2020 14:19

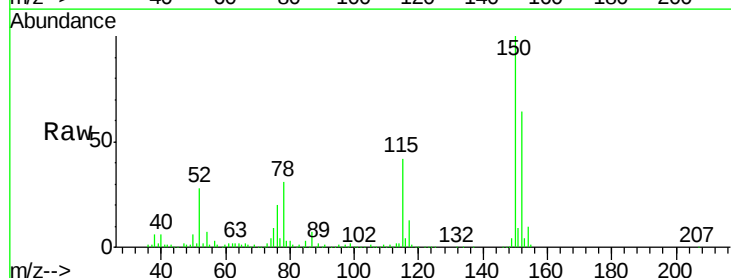
Tgt Ion:152 Resp: 243289

Ion Ratio Lower Upper

152 100

115 66.4 32.0 96.0

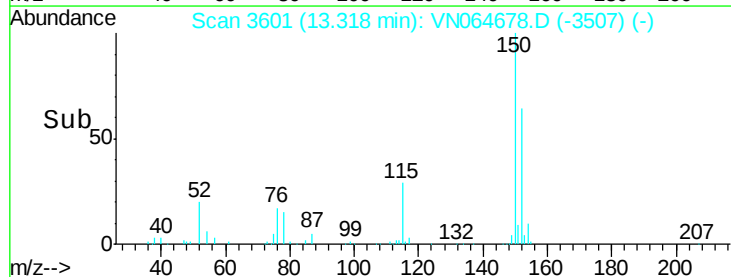
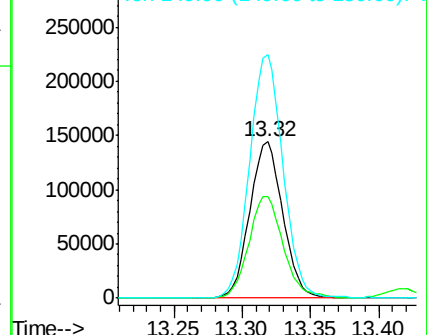
150 157.4 0.0 353.8

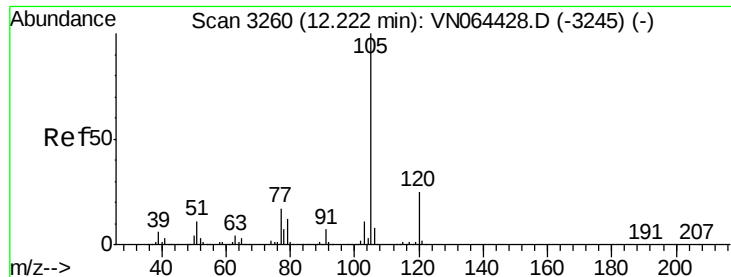


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.623 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064678.D

Acq: 17 Nov 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

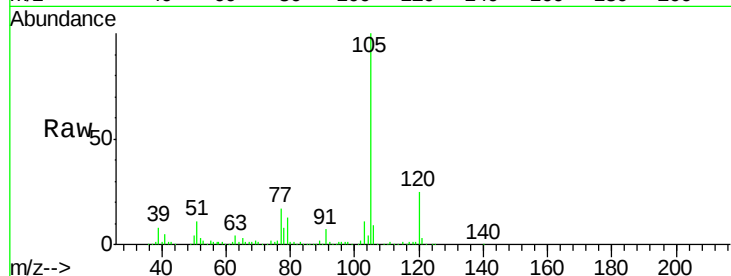
MW-1DL

Tot Ion:105 Resp: 360118

Ion Ratio Lower Upper

105 100

120 25.6 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

250000

200000

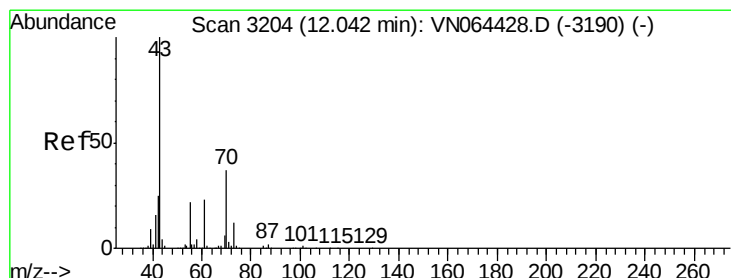
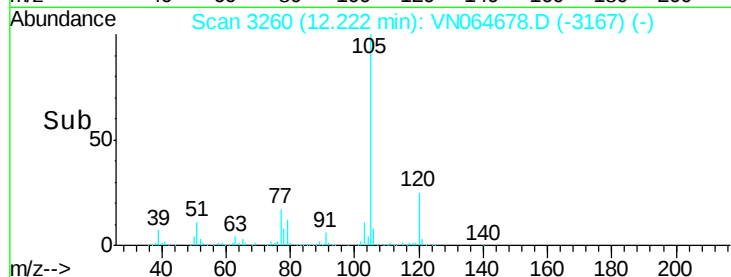
150000

100000

50000

0

Time--> 12.10 12.20 12.30



#74

N-ethyl acetate

Concen: 3.090 ug/l

RT: 12.02 min Scan# 3197

Delta R.T. -0.02 min

Lab File: VN064678.D

Acq: 17 Nov 2020 14:19

Tgt Ion: 43 Resp: 18032

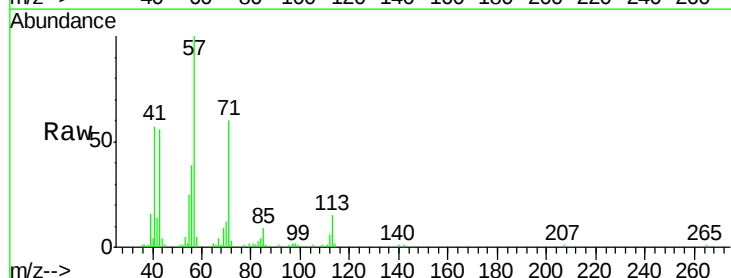
Ion Ratio Lower Upper

43 100

70 15.7 29.6 44.4#

55 19.6 18.4 27.6

61 0.0 17.8 26.6#



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.02

20000

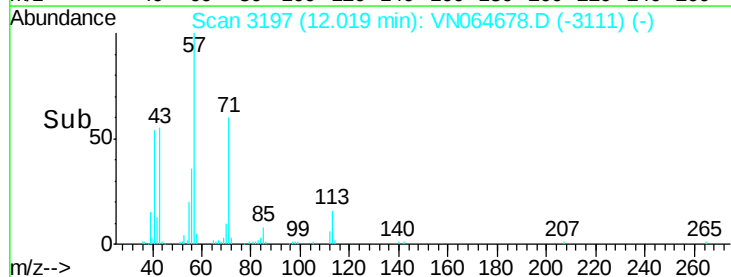
15000

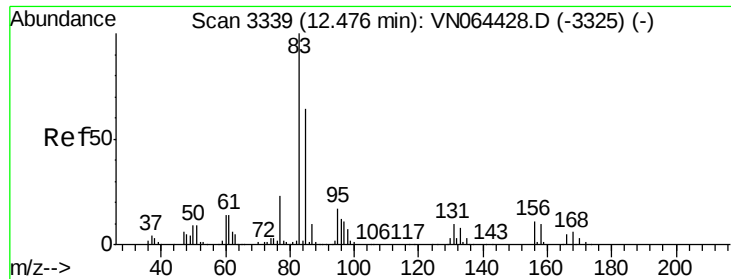
10000

5000

0

Time--> 12.00 12.05





#75

1,1,2,2-Tetrachloroethane

Concen: 0.752 ug/l

RT: 12.45 min Scan# 3332

Delta R.T. -0.02 min

Lab File: VN064678.D

Acq: 17 Nov 2020 14:19

Instrument :

MSVOA_N

ClientSampled :

MW-1DL

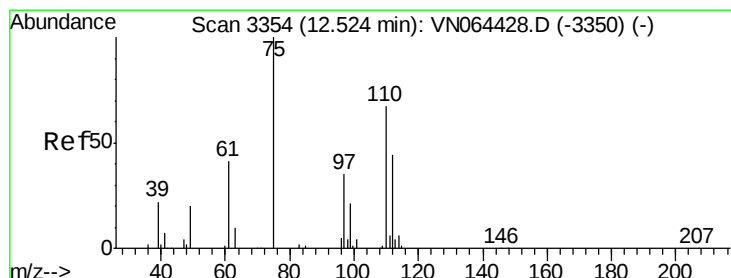
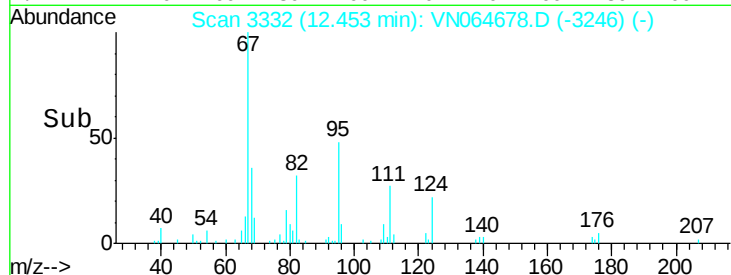
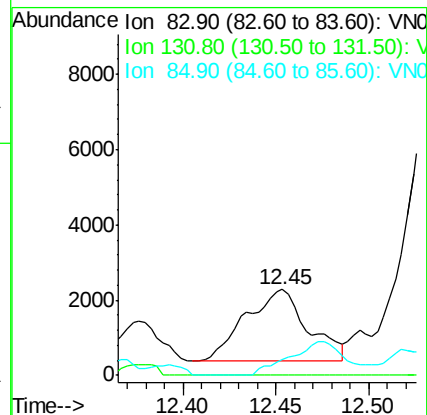
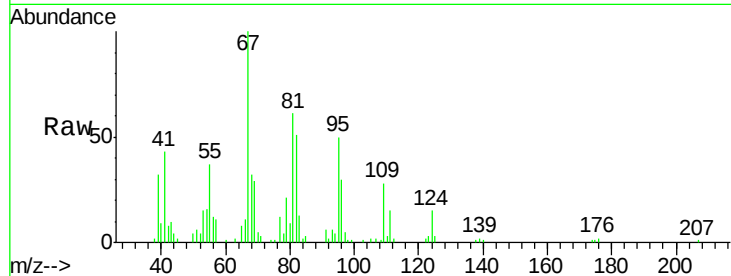
Tot Ion: 83 Resp: 4468

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

85 0.0 32.1 96.5#



#76

1,2,3-Trichloropropane

Concen: 1.117 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.04 min

Lab File: VN064678.D

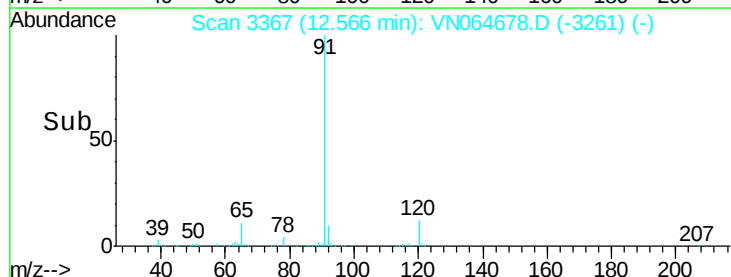
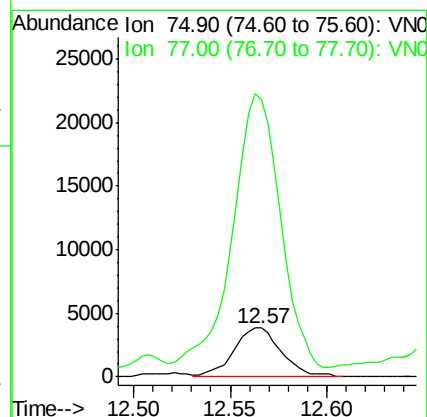
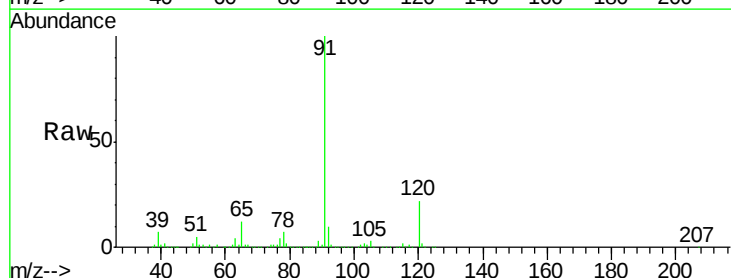
Acq: 17 Nov 2020 14:19

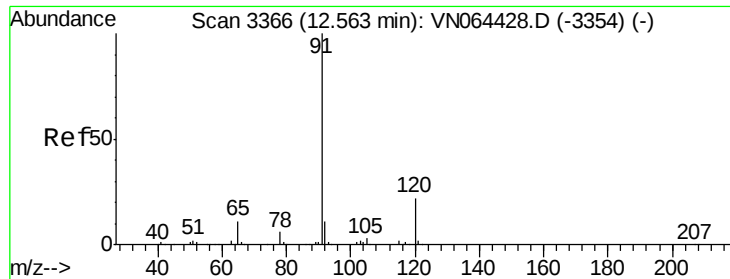
Tgt Ion: 75 Resp: 6583

Ion Ratio Lower Upper

75 100

77 561.7 0.0 0.0#





#78

n-propylbenzene

Concen: 36.526 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064678.D

Acq: 17 Nov 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

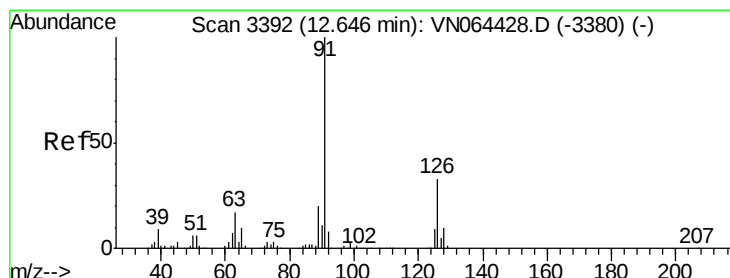
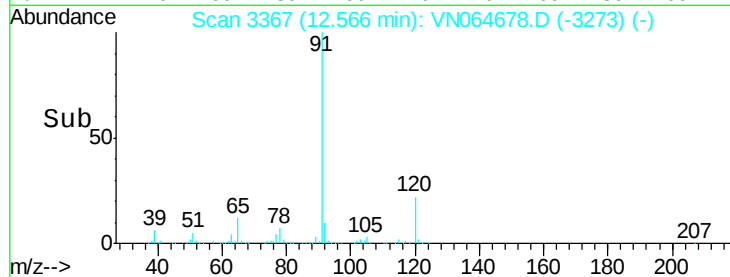
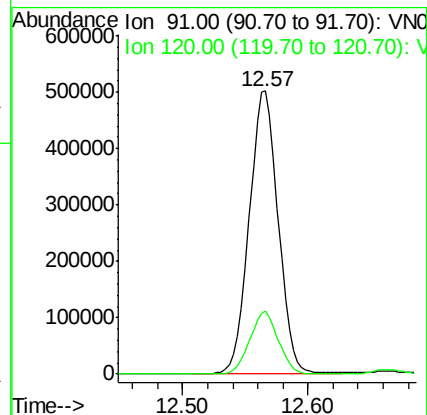
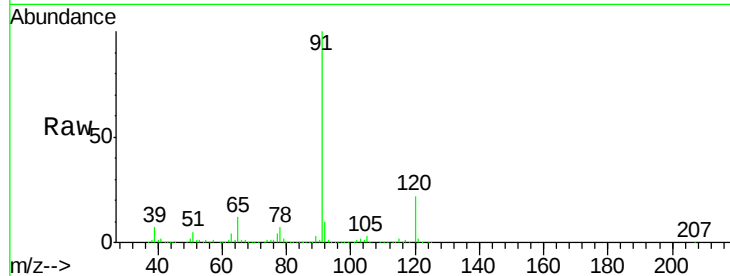
MW-1DL

Tot Ion: 91 Resp: 805247

Ion Ratio Lower Upper

91 100

120 21.9 11.0 33.0



#79

2-Chlorotoluene

Concen: 57.589 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.08 min

Lab File: VN064678.D

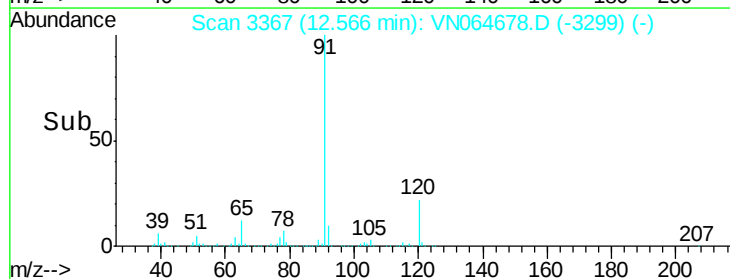
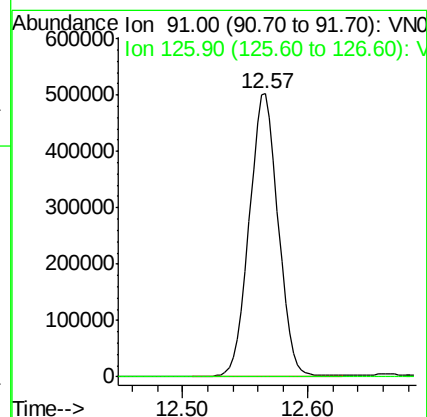
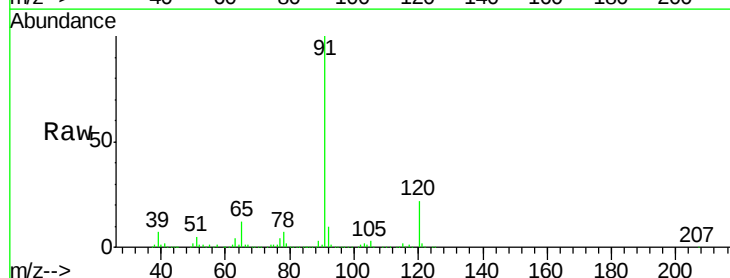
Acq: 17 Nov 2020 14:19

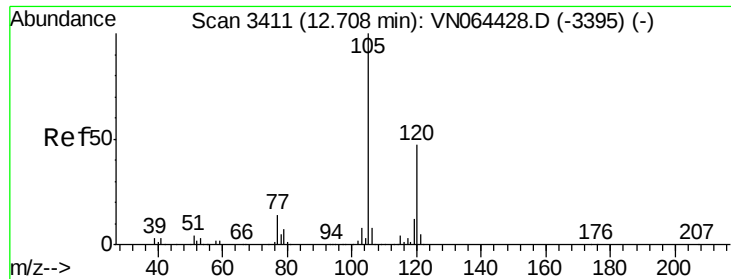
Tgt Ion: 91 Resp: 805247

Ion Ratio Lower Upper

91 100

126 0.0 16.4 49.1#

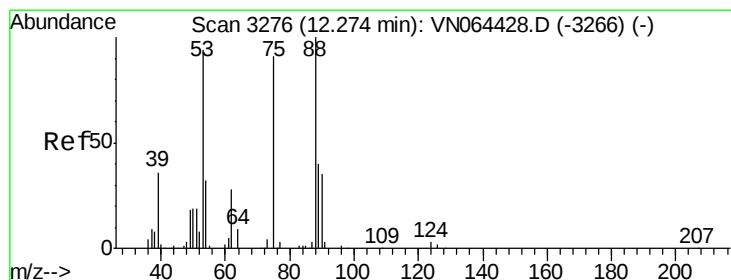
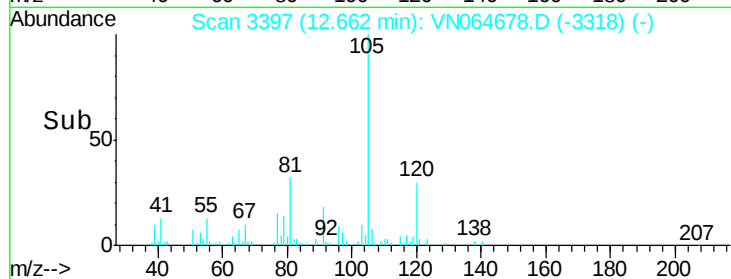
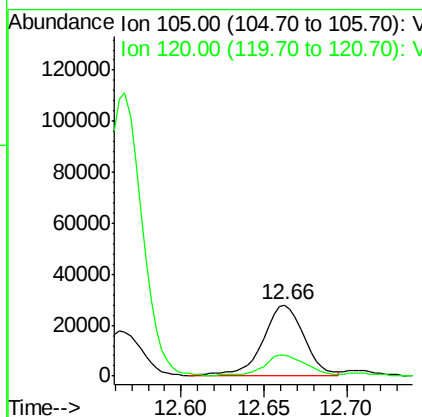
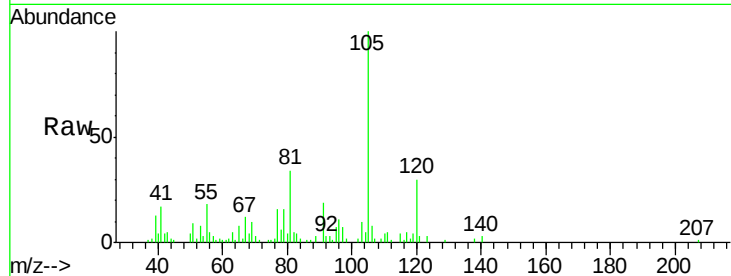




#80
 1,3,5-Trimethylbenzene
 Concen: 2.977 ug/l
 RT: 12.66 min Scan# 3397
 Delta R.T. -0.05 min
 Lab File: VN064678.D
 Acq: 17 Nov 2020 14:19

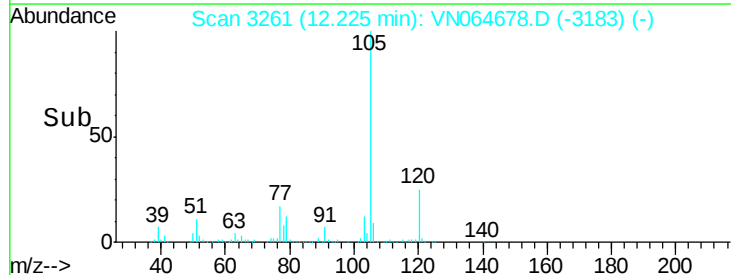
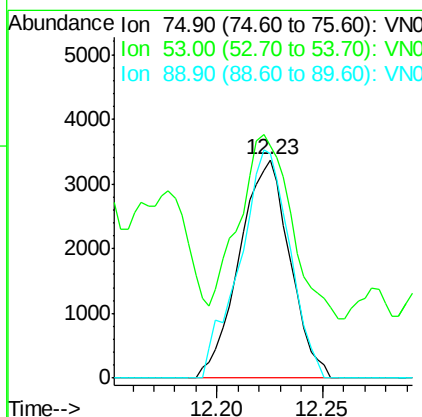
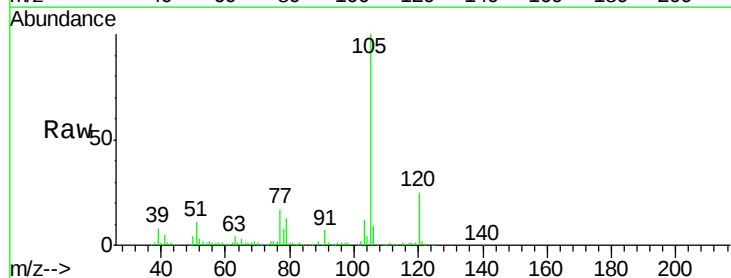
Instrument :
 MSVOA_N
 ClientSampled :
 MW-1DL

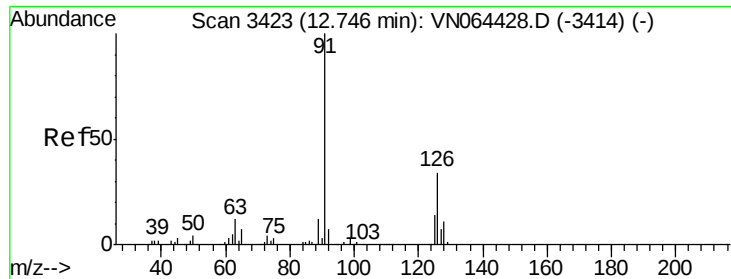
Tot Ion:105 Resp: 47489
 Ion Ratio Lower Upper
 105 100
 120 28.4 23.4 70.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 2.660 ug/l
 RT: 12.23 min Scan# 3261
 Delta R.T. -0.05 min
 Lab File: VN064678.D
 Acq: 17 Nov 2020 14:19

Tgt Ion: 75 Resp: 5616
 Ion Ratio Lower Upper
 75 100
 53 87.5 84.0 126.0
 89 103.2 36.3 54.5#

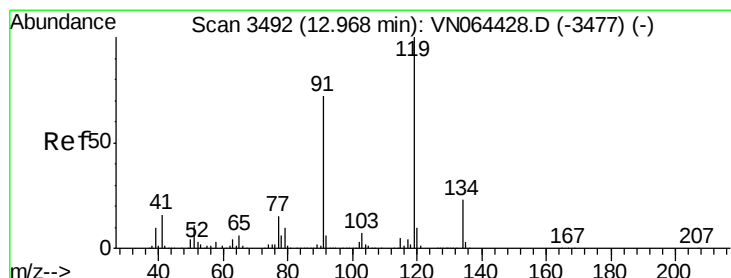
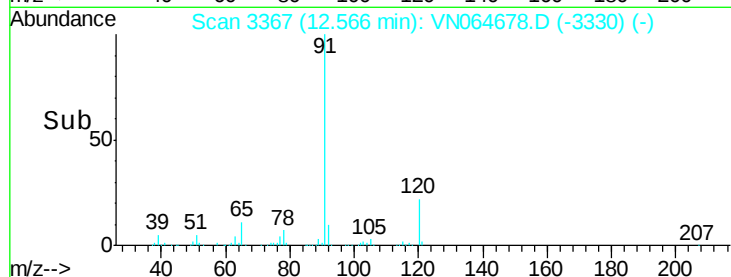
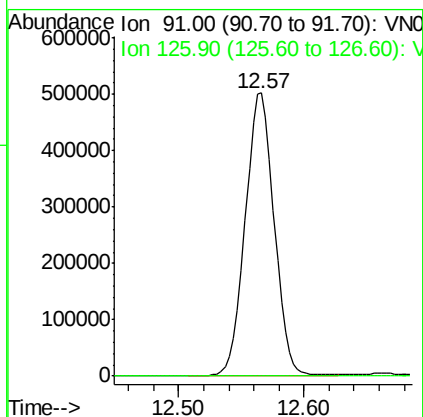
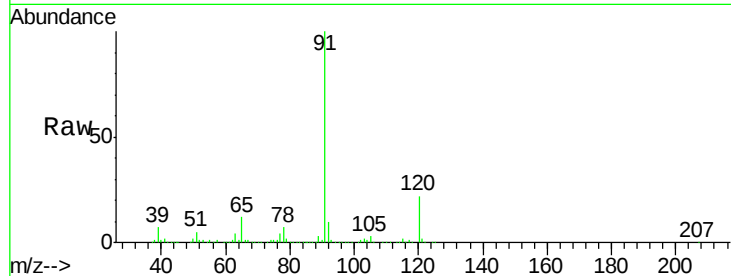




#82
4-Chlorotoluene
Concen: 54.991 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. -0.18 min
Lab File: VN064678.D
Acq: 17 Nov 2020 14:19

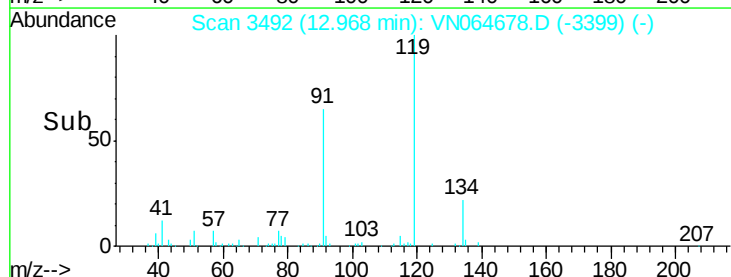
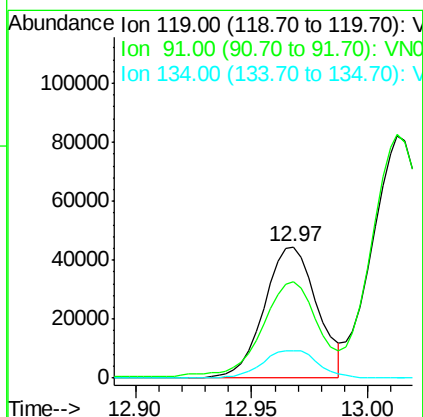
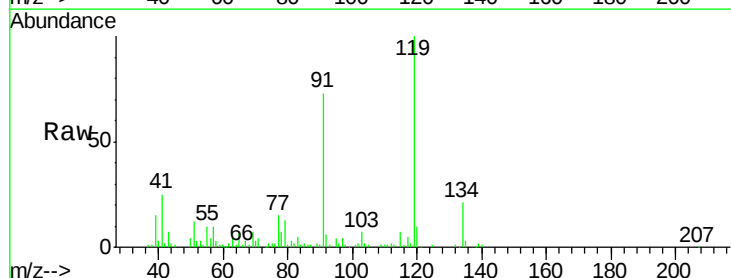
Instrument :
MSVOA_N
ClientSampled :
MW-1DL

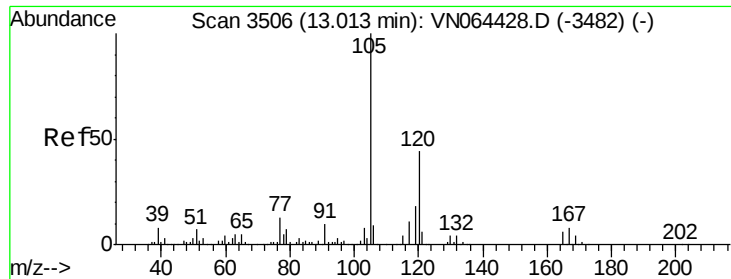
Tot Ion: 91 Resp: 805247
Ion Ratio Lower Upper
91 100
126 0.0 15.4 46.2#



#83
tert-Butylbenzene
Concen: 5.667 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064678.D
Acq: 17 Nov 2020 14:19

Tgt Ion: 119 Resp: 70610
Ion Ratio Lower Upper
119 100
91 75.5 36.1 108.3
134 22.6 11.7 35.1

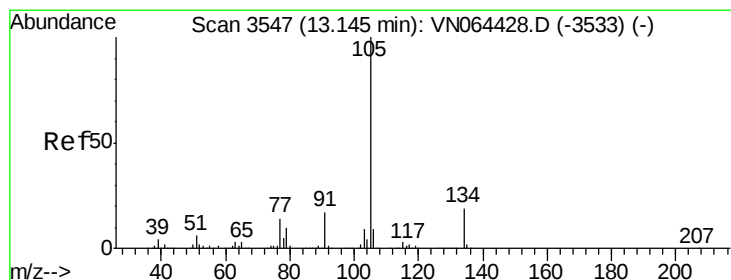
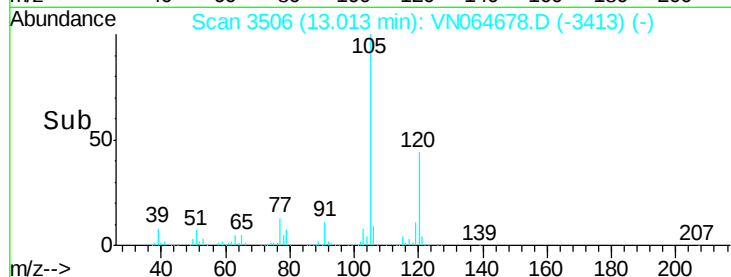
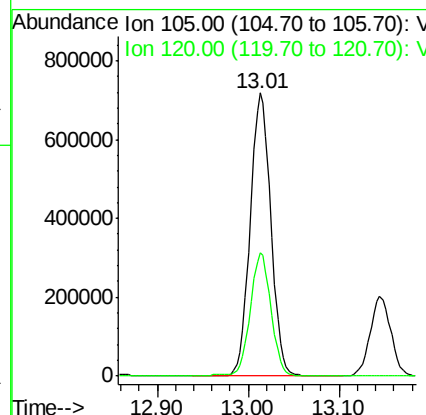
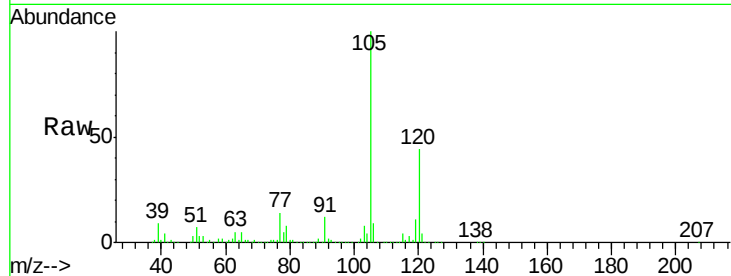




#84
1,2,4-Trimethylbenzene
Concen: 70.668 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064678.D
Acq: 17 Nov 2020 14:19

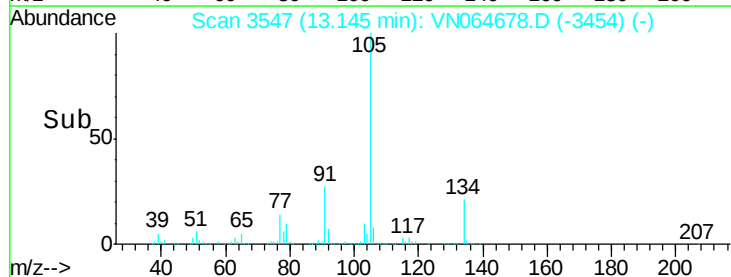
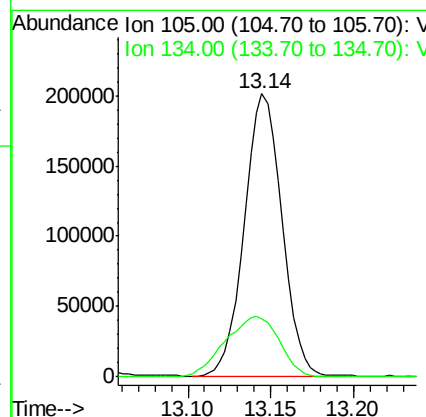
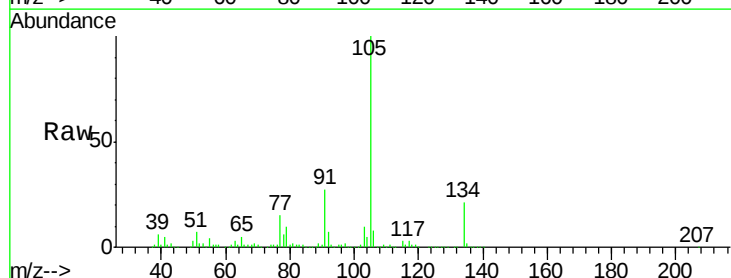
Instrument :
MSVOA_N
ClientSampled :
MW-1DL

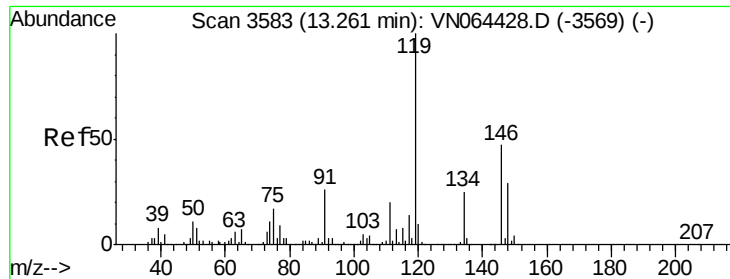
Tot Ion:105 Resp: 1133301
Ion Ratio Lower Upper
105 100
120 43.3 21.9 65.7



#85
sec-Butylbenzene
Concen: 20.022 ug/l
RT: 13.14 min Scan# 3547
Delta R.T. -0.00 min
Lab File: VN064678.D
Acq: 17 Nov 2020 14:19

Tgt Ion:105 Resp: 315941
Ion Ratio Lower Upper
105 100
134 31.0 9.4 28.2#

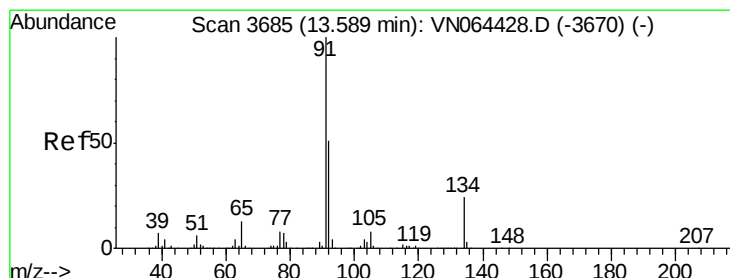
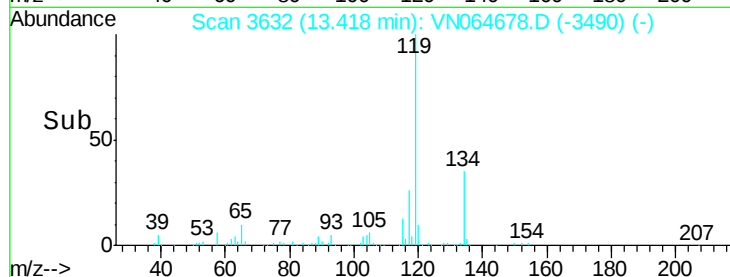
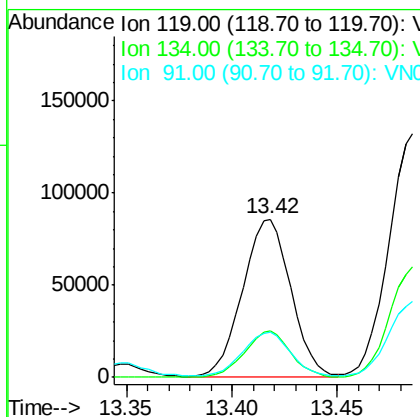
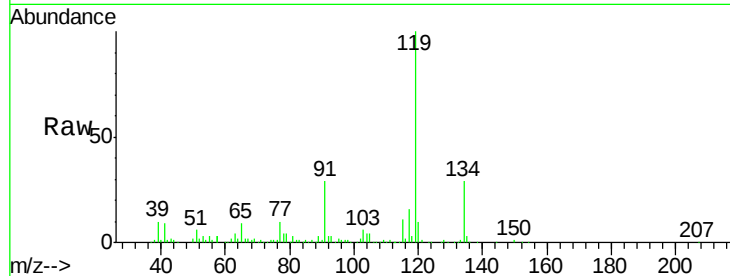




#86
 p-Isopropyltoluene
 Concen: 9.507 ug/l
 RT: 13.42 min Scan# 3632
 Delta R.T. 0.16 min
 Lab File: VN064678.D
 Acq: 17 Nov 2020 14:19

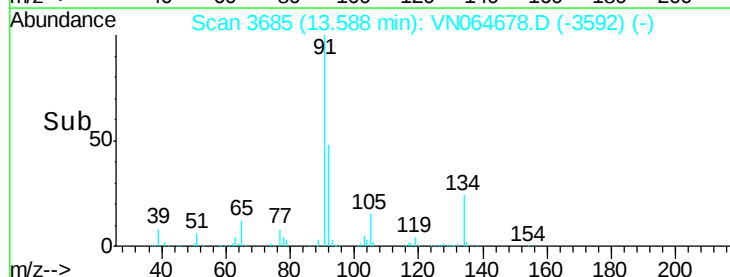
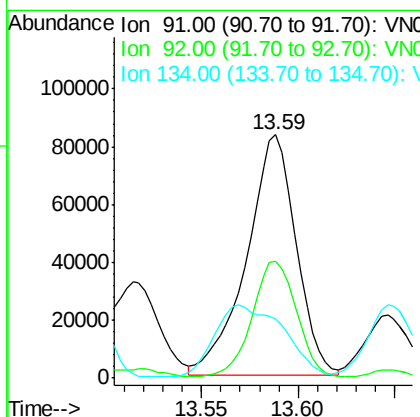
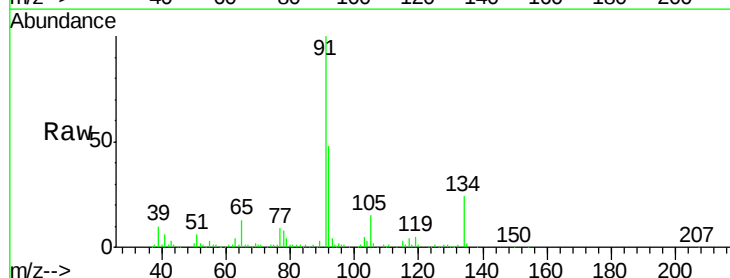
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1DL

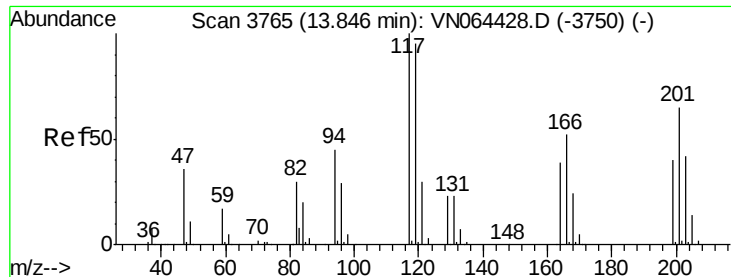
Tot Ion:119 Resp: 134932
 Ion Ratio Lower Upper
 119 100
 134 28.2 12.6 37.6
 91 27.5 12.8 38.3



#89
 n-Butylbenzene
 Concen: 12.138 ug/l
 RT: 13.59 min Scan# 3685
 Delta R.T. -0.00 min
 Lab File: VN064678.D
 Acq: 17 Nov 2020 14:19

Tgt Ion: 91 Resp: 148125
 Ion Ratio Lower Upper
 91 100
 92 43.2 25.3 75.9
 134 42.8 11.8 35.4#

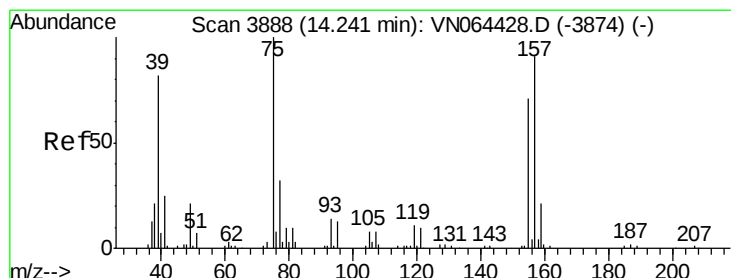
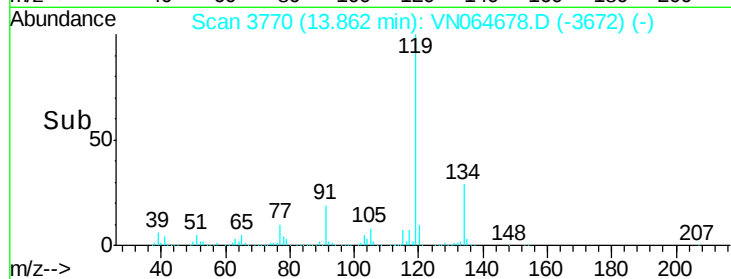
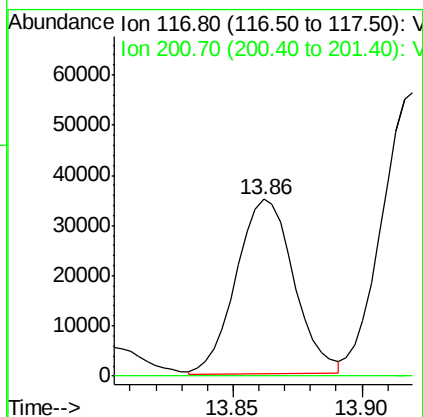
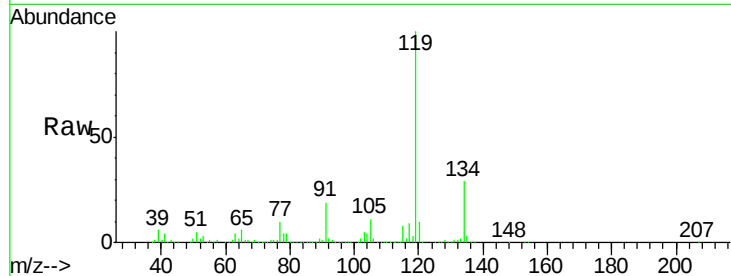




#90
Hexachloroethane
Concen: 19.820 ug/l
RT: 13.86 min Scan# 3770
Delta R.T. 0.02 min
Lab File: VN064678.D
Acq: 17 Nov 2020 14:19

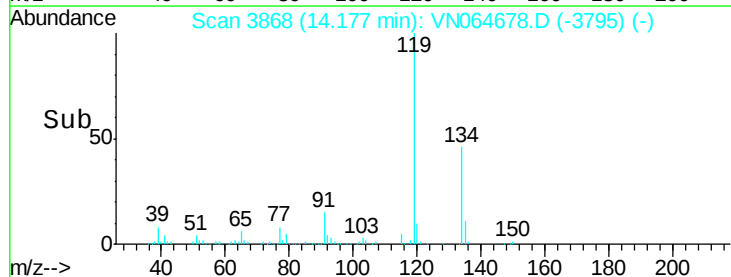
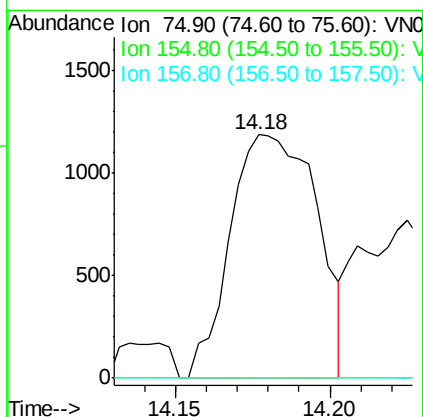
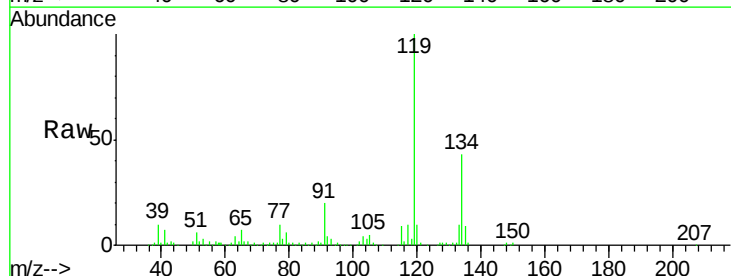
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

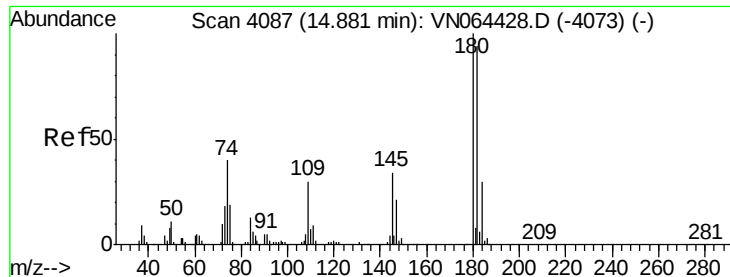
Tot Ion:117 Resp: 54266
Ion Ratio Lower Upper
117 100
201 0.0 32.5 97.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.953 ug/l
RT: 14.18 min Scan# 3868
Delta R.T. -0.06 min
Lab File: VN064678.D
Acq: 17 Nov 2020 14:19

Tgt Ion: 75 Resp: 2309
Ion Ratio Lower Upper
75 100
155 0.0 34.6 103.9#
157 0.0 43.0 128.8#

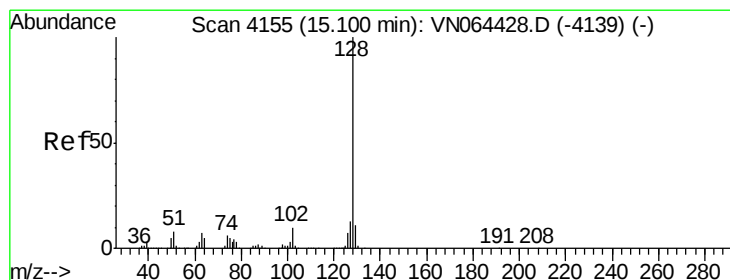
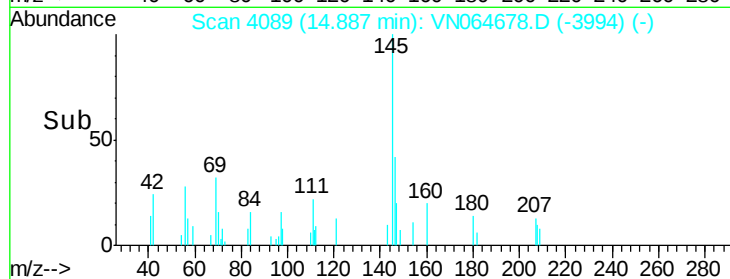
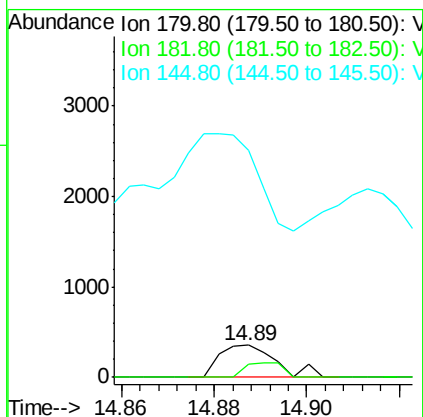
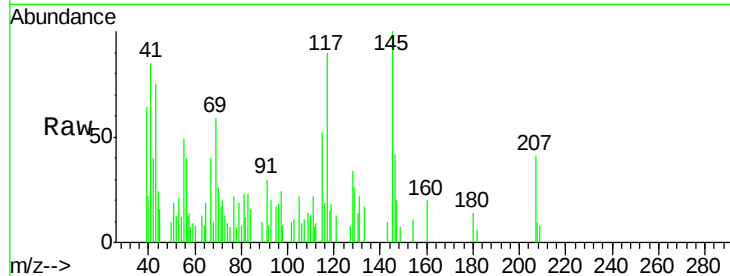




#93
 1,2,4-Trichlorobenzene
 Concen: 2.737 ug/l
 RT: 14.89 min Scan# 4089
 Delta R.T. 0.01 min
 Lab File: VN064678.D
 Acq: 17 Nov 2020 14:19

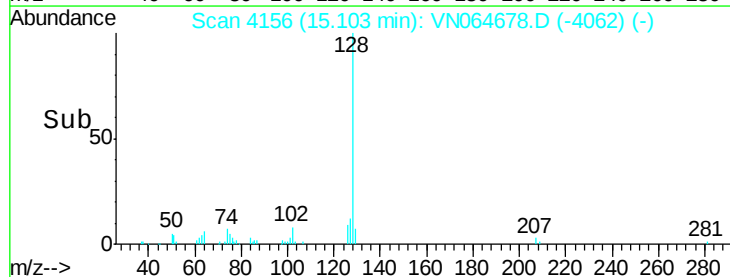
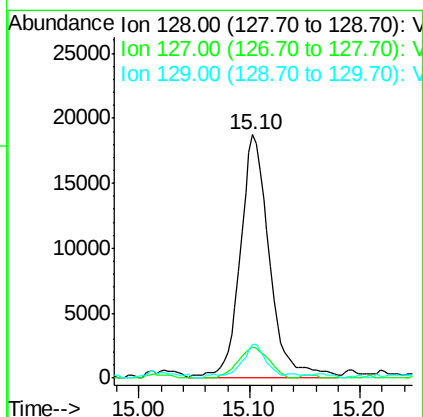
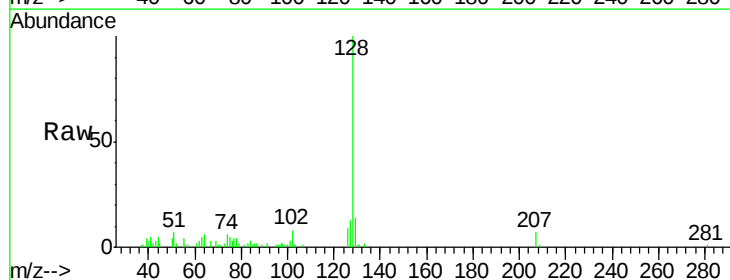
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1DL

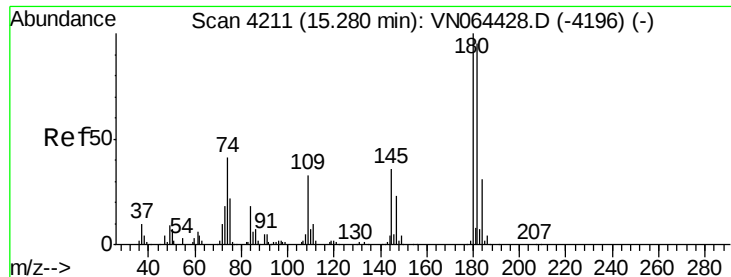
Tot Ion:180 Resp: 301
 Ion Ratio Lower Upper
 180 100
 182 30.2 47.3 142.0#
 145 1994.7 16.7 50.1#



#95
 Naphthalene
 Concen: 6.017 ug/l
 RT: 15.10 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN064678.D
 Acq: 17 Nov 2020 14:19

Tgt Ion:128 Resp: 34439
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.5 15.7
 129 10.0 8.8 13.2

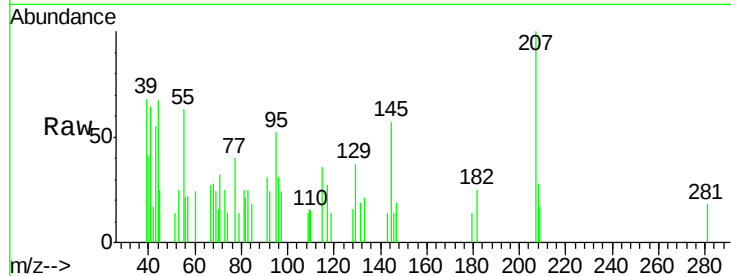




#96
 1,2,3-Trichlorobenzene
 Concen: 2.783 ug/l
 RT: 15.28 min Scan# 4210
 Delta R.T. -0.00 min
 Lab File: VN064678.D
 Acq: 17 Nov 2020 14:19

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1DL

Tot Ion:180 Resp: 30
 Ion Ratio Lower Upper
 180 100
 182 1343.3 47.7 143.1#
 145 4313.3 18.3 54.8#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

