

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111720\
 Data File : VN064683.D
 Acq On : 17 Nov 2020 16:19
 Operator : JC/MD
 Sample : L4772-02DL 4X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4DL

Quant Time: Nov 18 01:42:45 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	231961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	464305	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	493460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	248376	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	223740	55.38	ug/l	0.00
Spiked Amount			Recovery	=	110.76%	
35) Dibromofluoromethane	7.55	113	161166	50.98	ug/l	0.00
Spiked Amount			Recovery	=	101.96%	
50) Toluene-d8	10.06	98	610554	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	12.38	95	266645	57.70	ug/l	0.00
Spiked Amount			Recovery	=	115.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.75	59	1327	2.978	ug/l #	71
13) Acrolein	3.45	56	69	0.250	ug/l #	79
16) Acetone	3.78	43	1923	1.249	ug/l #	67
20) Methylene Chloride	4.49	84	626	0.205	ug/l #	68
27) cis-1,2-Dichloroethene	6.78	96	7695	2.358	ug/l	85
31) Cyclohexane	7.62	56	7672	1.562	ug/l #	51
36) 1,1-Dichloropropene	7.63	75	23023	4.694	ug/l #	52
37) Ethyl Acetate	6.91	43	61	0.774	ug/l #	71
38) Carbon Tetrachloride	7.62	117	26337	5.024	ug/l #	17
39) Methylcyclohexane	9.05	83	3476	0.791	ug/l #	70
51) 4-Methyl-2-Pentanone	9.95	43	1299	0.280	ug/l #	39
55) 1,1,2-Trichloroethane	10.50	97	1774	0.517	ug/l #	14
56) Ethyl methacrylate	10.41	69	809	1.979	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.44	63	61	21.559	ug/l #	51
59) 2-Hexanone	10.69	43	981	4.283	ug/l #	28
67) Ethyl Benzene	11.48	91	397314	20.648	ug/l	100
68) m/p-Xylenes	11.60	106	94622	13.559	ug/l	99
69) o-Xylene	11.92	106	8972	1.331	ug/l	67
71) Bromoform	12.36	173	114	1.312	ug/l #	1
73) Isopropylbenzene	12.22	105	484089	24.521	ug/l	99
74) N-amyl acetate	12.02	43	6120	1.838	ug/l #	80
76) 1,2,3-Trichloropropane	12.57	75	6889	1.145	ug/l #	100
78) n-propylbenzene	12.57	91	899185	39.951	ug/l	99
79) 2-Chlorotoluene	12.57	91	899185	62.990	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.71	105	156430	9.605	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.22	75	6489	3.011	ug/l #	65
82) 4-Chlorotoluene	12.87	91	30293	2.026	ug/l #	44
83) tert-Butylbenzene	12.96	119	60116	4.726	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	5201077	317.676	ug/l	95
85) sec-Butylbenzene	13.14	105	270103	16.767	ug/l #	77
86) p-Isopropyltoluene	13.26	119	74264	5.125	ug/l	98
89) n-Butylbenzene	13.59	91	138833	11.144	ug/l #	77
90) Hexachloroethane	13.86	117	46993	16.812	ug/l #	18
92) 1,2-Dibromo-3-Chloropropan	14.27	75	363	0.301	ug/l #	10

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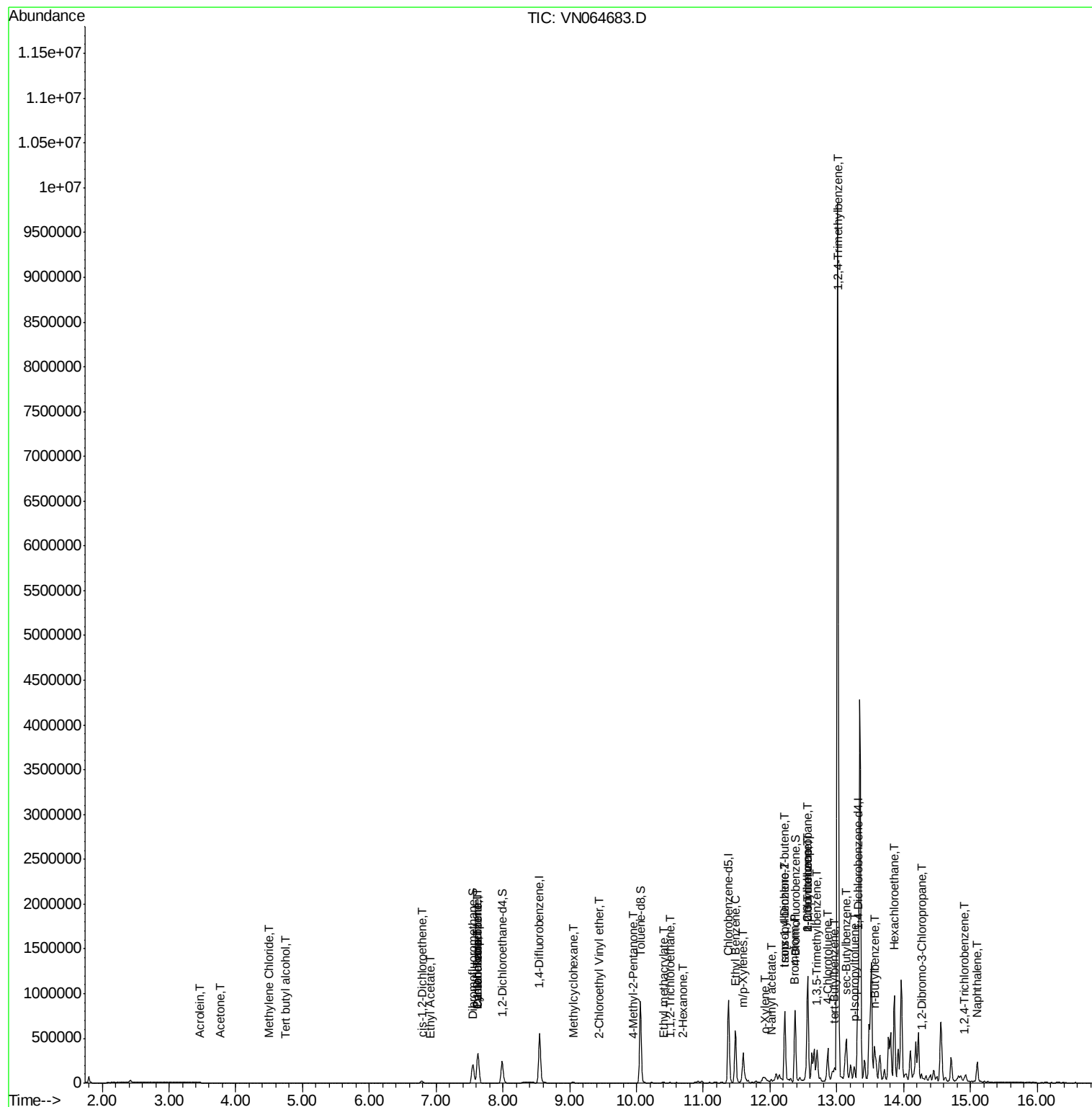
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	108	2.690	ug/l #	12
95) Naphthalene	15.10	128	188908	16.485	ug/l	99

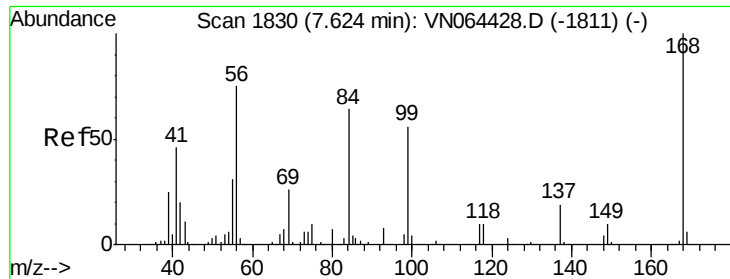
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064683.D

Acq: 17 Nov 2020 16:19

Instrument :

MSVOA_N

ClientSampled :

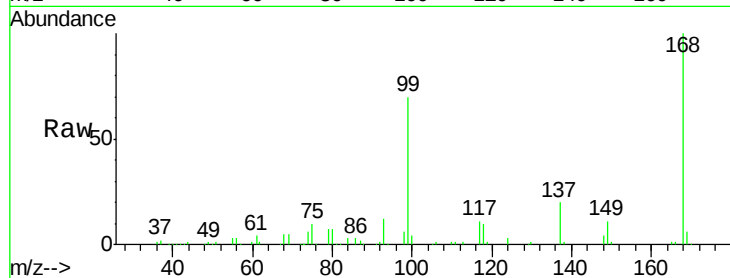
MW-4DL

Tot Ion:168 Resp: 231961

Ion Ratio Lower Upper

168 100

99 69.5 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

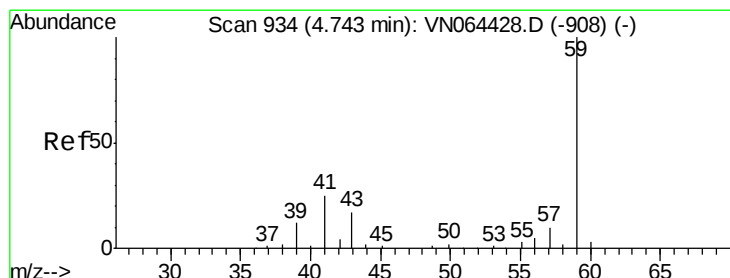
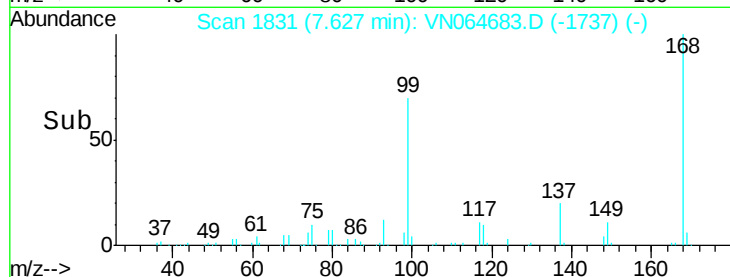
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#11

Tert butyl alcohol

Concen: 2.978 ug/l

RT: 4.75 min Scan# 937

Delta R.T. 0.01 min

Lab File: VN064683.D

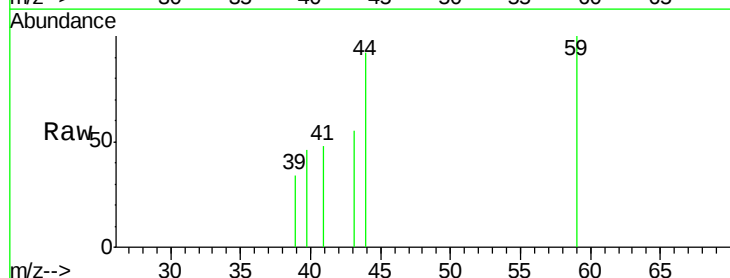
Acq: 17 Nov 2020 16:19

Tgt Ion: 59 Resp: 1327

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

4.75

800

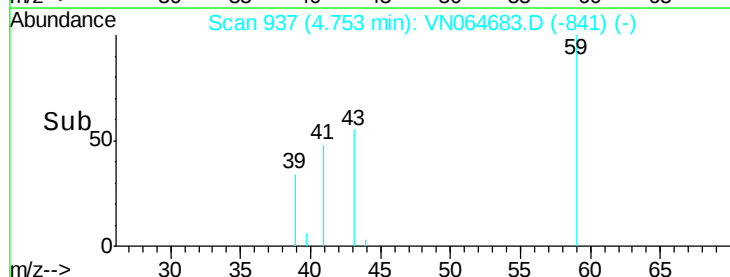
600

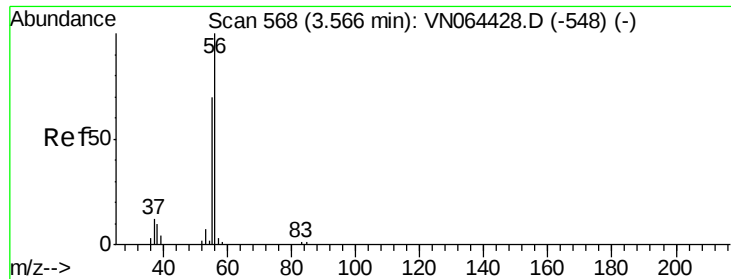
400

200

0

Time--> 4.72 4.74 4.76 4.78 4.80





#13

Acrolein

Concen: 0.250 ug/l

RT: 3.45 min Scan# 533

Delta R.T. -0.11 min

Lab File: VN064683.D

Acq: 17 Nov 2020 16:19

Instrument :

MSVOA_N

ClientSampled :

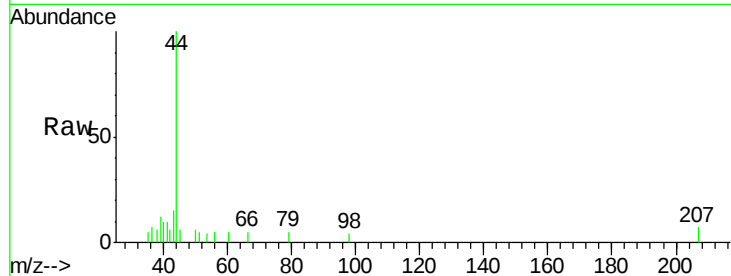
MW-4DL

Tot Ion: 56 Resp: 69

Ion Ratio Lower Upper

56 100

55 87.0 55.9 83.9#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.45

150

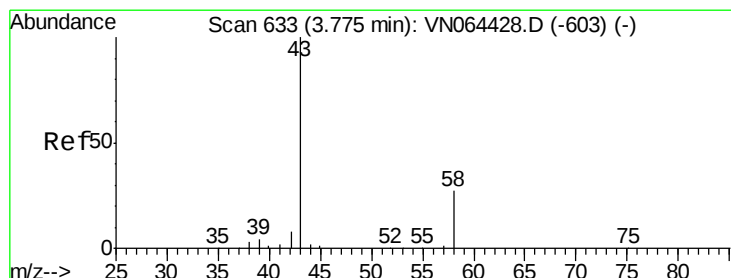
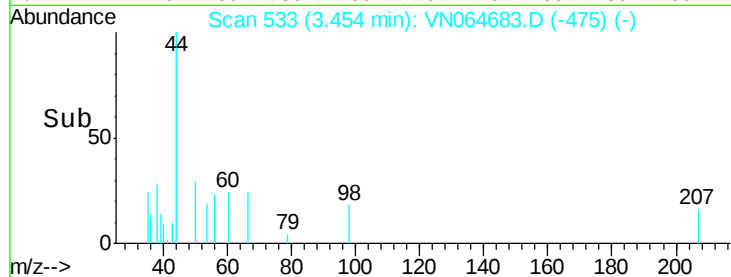
100

50

0

3.44 3.45 3.46

Time-->



#16

Acetone

Concen: 1.249 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064683.D

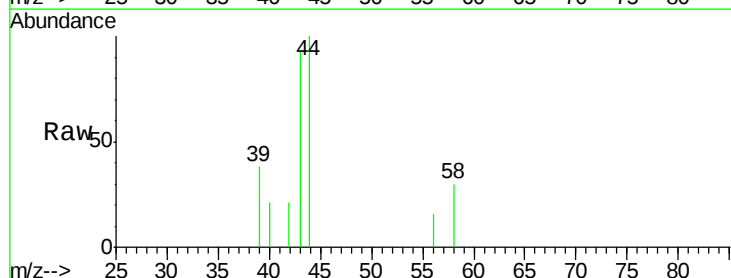
Acq: 17 Nov 2020 16:19

Tgt Ion: 43 Resp: 1923

Ion Ratio Lower Upper

43 100

58 43.5 21.4 32.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

1000

800

600

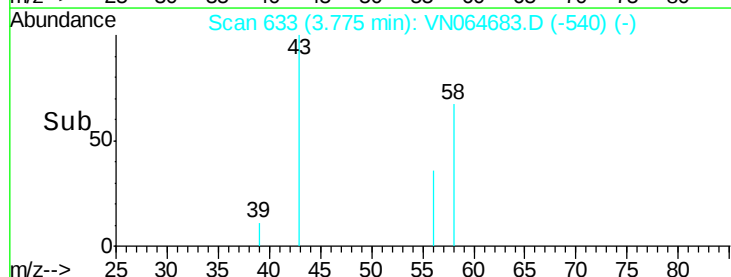
400

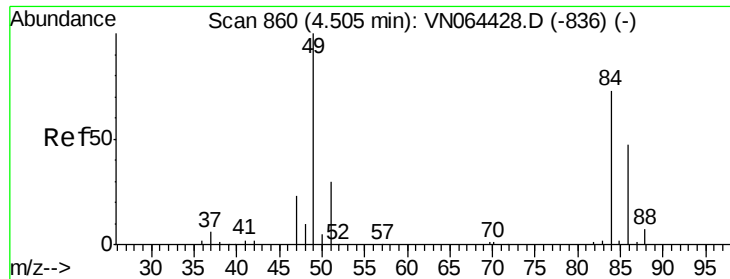
200

0

3.75 3.78 3.85

Time-->

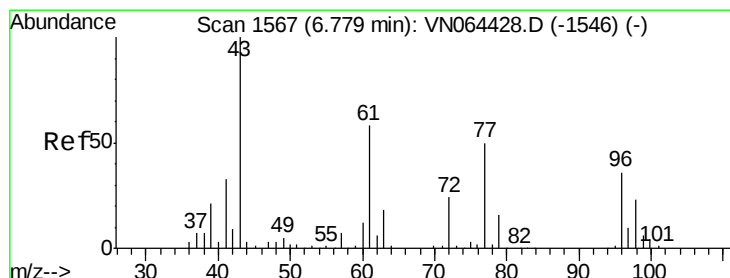
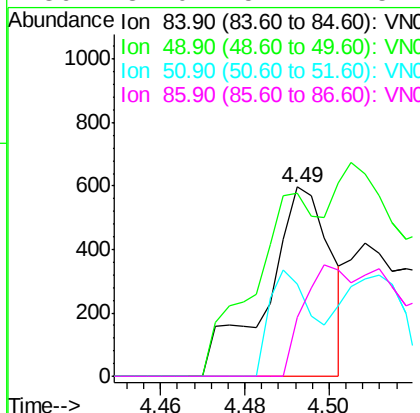
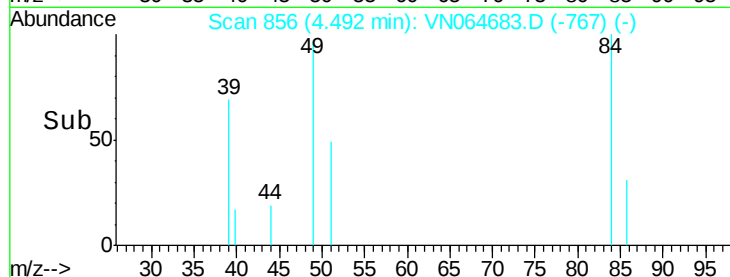
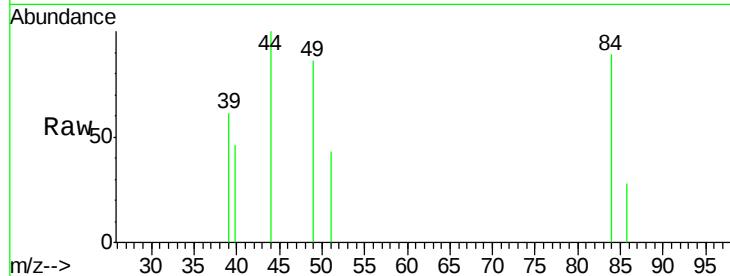




#20
Methvlene Chloride
Concen: 0.205 ug/l
RT: 4.49 min Scan# 856
Delta R.T. -0.01 min
Lab File: VN064683.D
Acq: 17 Nov 2020 16:19

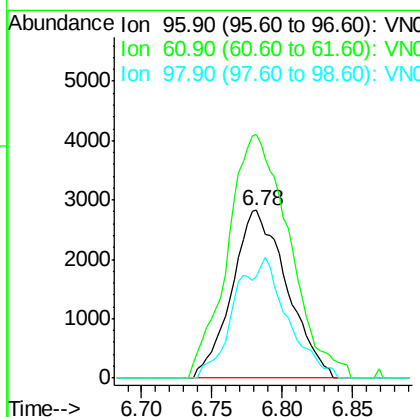
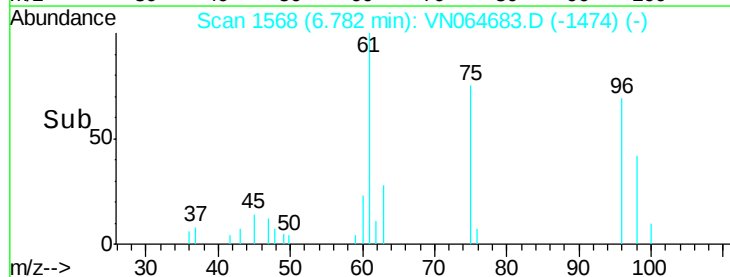
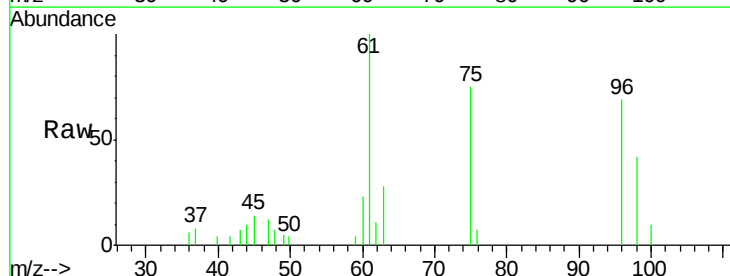
Instrument :
MSVOA_N
ClientSampled :
MW-4DL

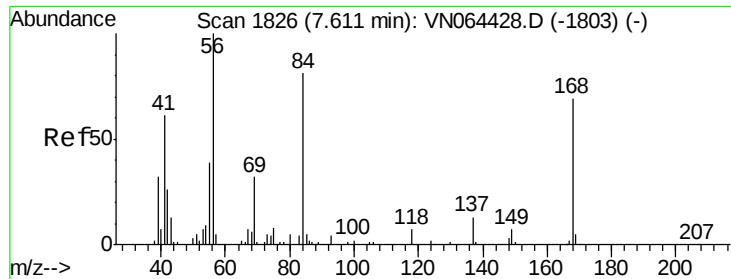
Tot Ion: 84 Resp: 626
Ion Ratio Lower Upper
84 100
49 97.1 110.1 165.1#
51 49.0 33.6 50.4
86 31.0 52.1 78.1#



#27
cis-1,2-Dichloroethene
Concen: 2.358 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VN064683.D
Acq: 17 Nov 2020 16:19

Tgt Ion: 96 Resp: 7695
Ion Ratio Lower Upper
96 100
61 162.3 0.0 329.6
98 27.8 0.0 131.2

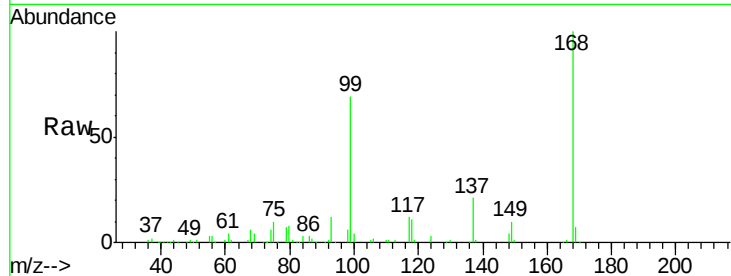




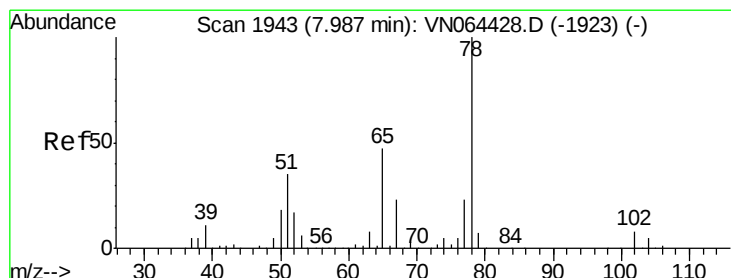
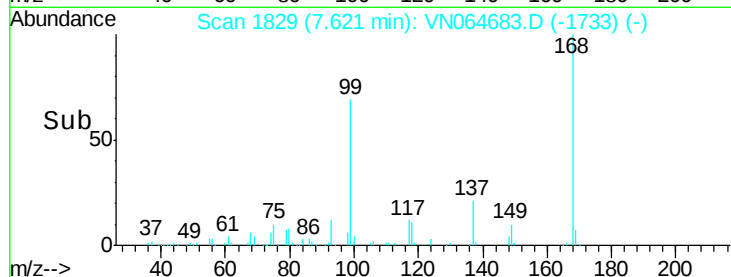
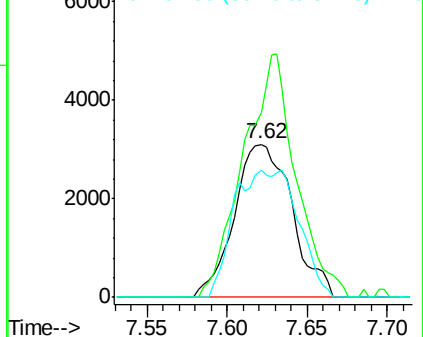
#31
Cyclohexane
Concen: 1.562 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN064683.D
Acq: 17 Nov 2020 16:19

Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

Tot Ion: 56 Resp: 7672
Ion Ratio Lower Upper
56 100
69 120.3 25.6 38.4#
84 83.0 63.0 94.6

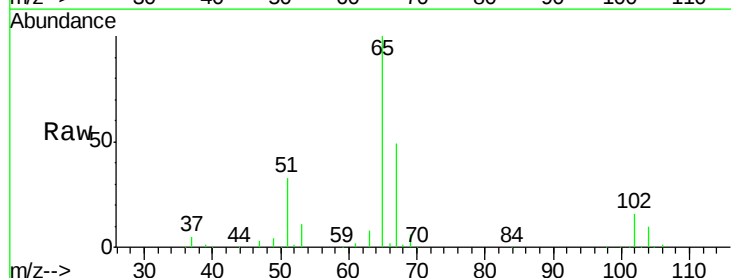


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

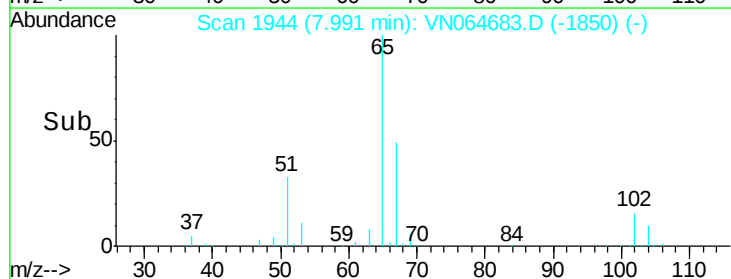
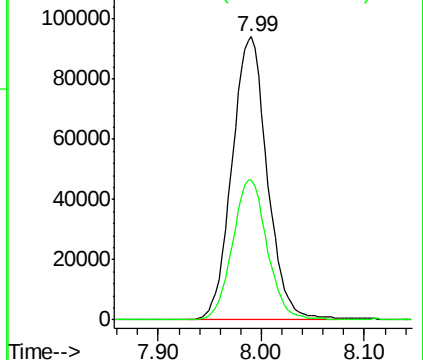


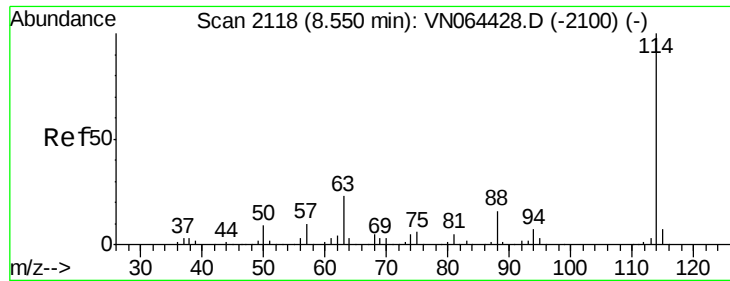
#33
1,2-Dichloroethane-d4
Concen: 55.376 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN064683.D
Acq: 17 Nov 2020 16:19

Tgt Ion: 65 Resp: 223740
Ion Ratio Lower Upper
65 100
67 48.9 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: VN064683.D

Acq: 17 Nov 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

MW-4DL

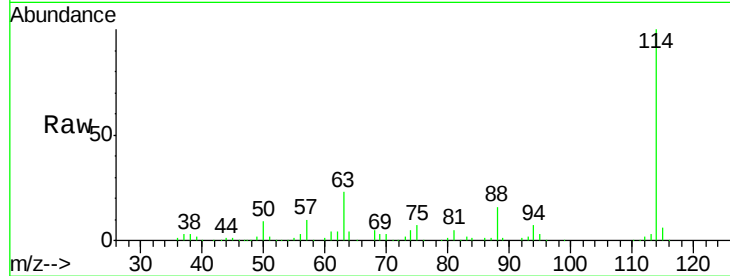
Tot Ion:114 Resp: 464305

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.6

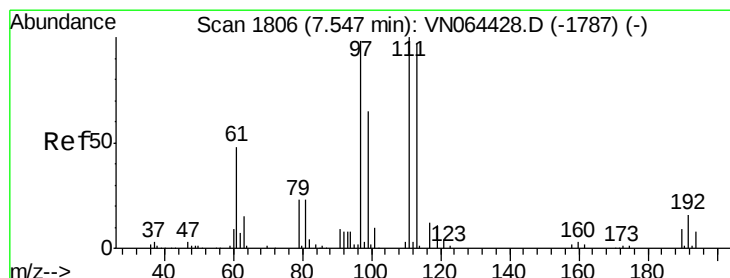
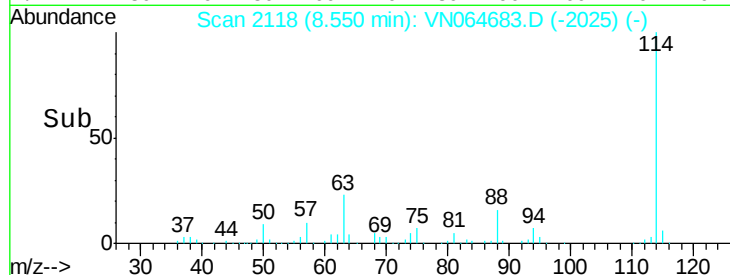
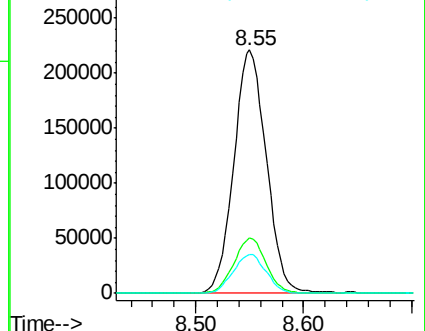
88 16.1 0.0 32.8



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: 50.981 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064683.D

Acq: 17 Nov 2020 16:19

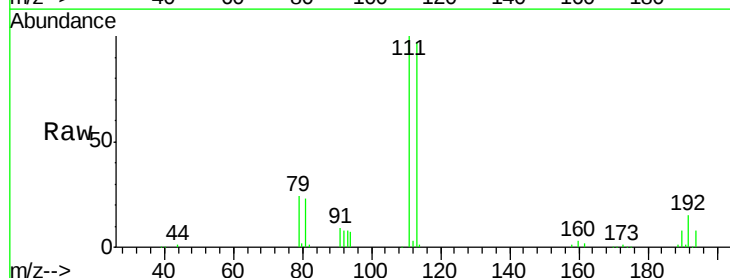
Tgt Ion:113 Resp: 161166

Ion Ratio Lower Upper

113 100

111 103.7 81.1 121.7

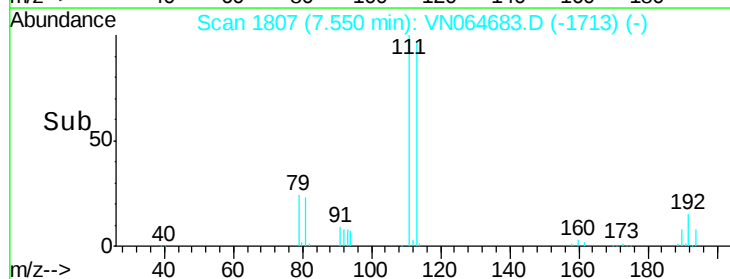
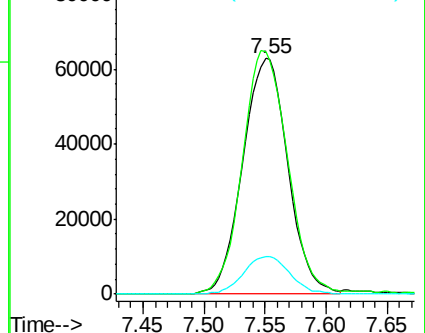
192 16.4 12.8 19.2

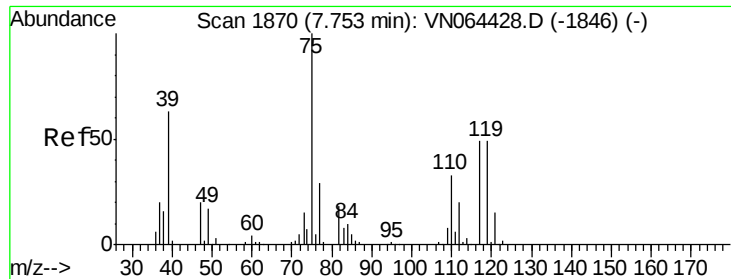


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

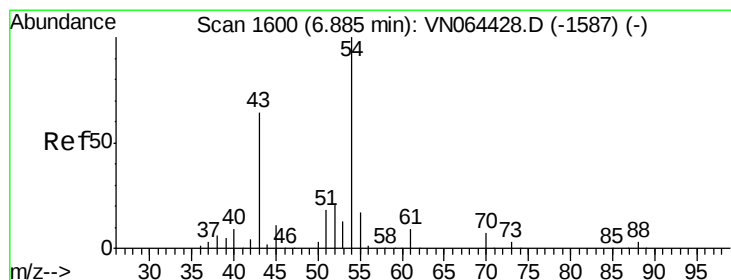
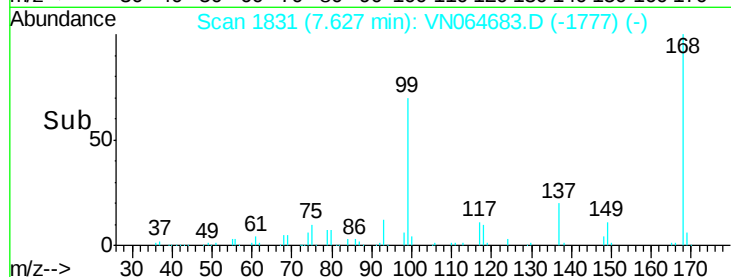
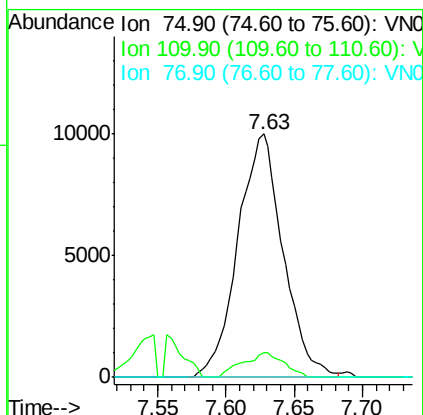
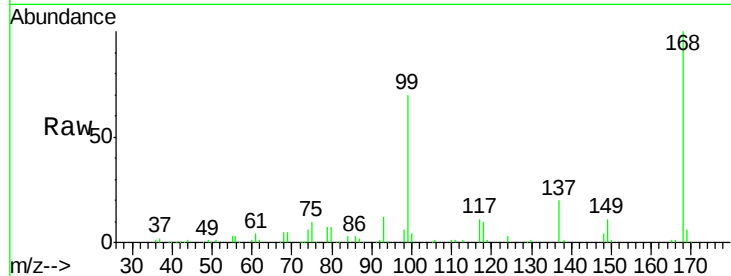




#36
 1,1-Dichloropropene
 Concen: 4.694 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN064683.D
 Acq: 17 Nov 2020 16:19

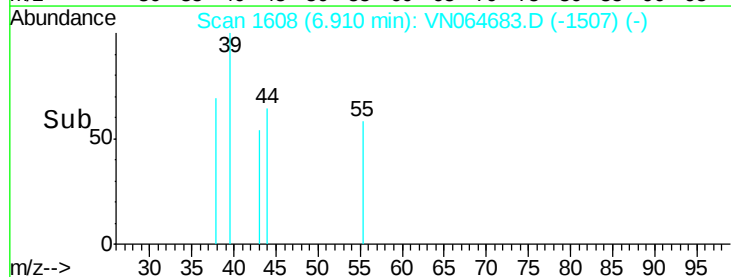
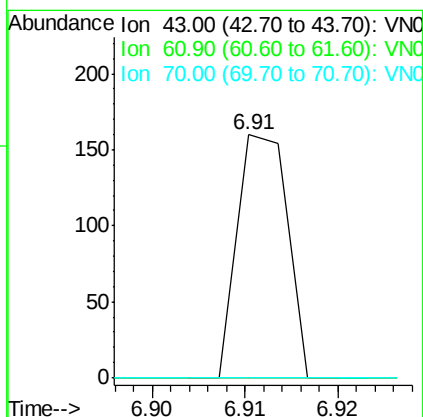
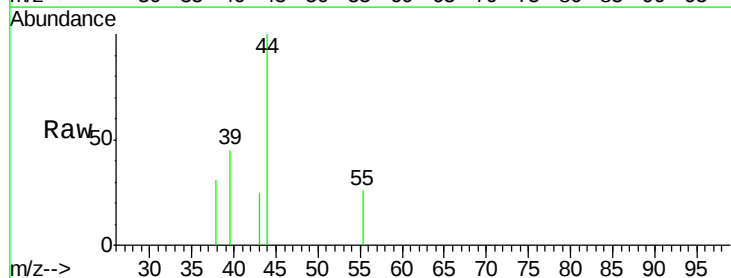
Instrument :
 MSVOA_N
 ClientSampled :
 MW-4DL

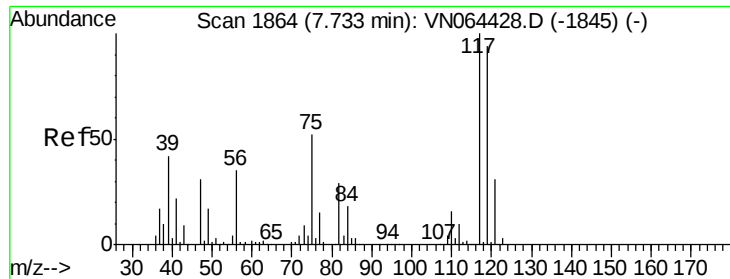
Tot Ion: 75 Resp: 23023
 Ion Ratio Lower Upper
 75 100
 110 9.3 16.0 48.0#
 77 0.0 24.0 36.0#



#37
 Ethyl Acetate
 Concen: 0.774 ug/l
 RT: 6.91 min Scan# 1608
 Delta R.T. 0.03 min
 Lab File: VN064683.D
 Acq: 17 Nov 2020 16:19

Tgt Ion: 43 Resp: 61
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.0 15.0#
 70 0.0 7.1 10.7#





#38

Carbon Tetrachloride

Concen: 5.024 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN064683.D

Acq: 17 Nov 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

MW-4DL

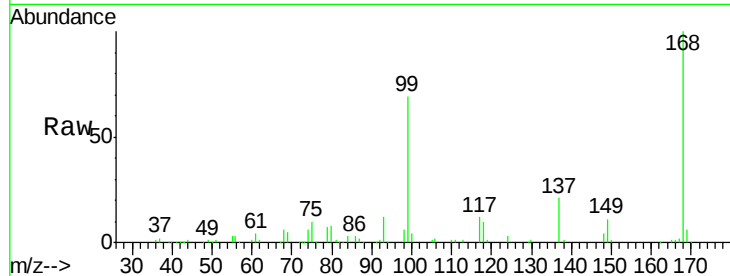
Tot Ion:117 Resp: 26337

Ion Ratio Lower Upper

117 100

119 5.7 75.5 113.3#

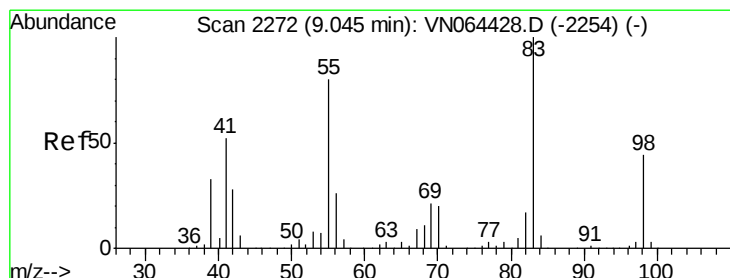
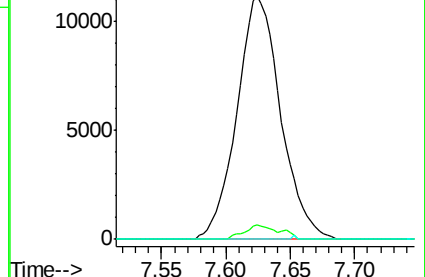
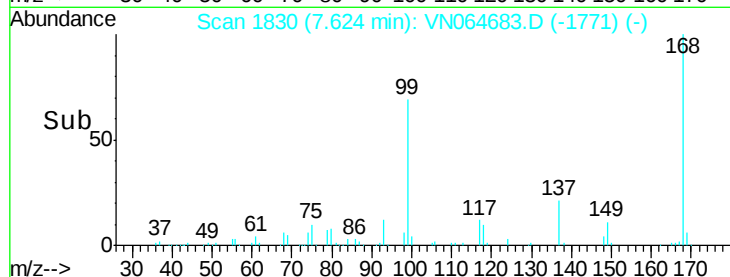
121 0.0 24.4 36.6#



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



#39

Methylcyclohexane

Concen: 0.791 ug/l

RT: 9.05 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN064683.D

Acq: 17 Nov 2020 16:19

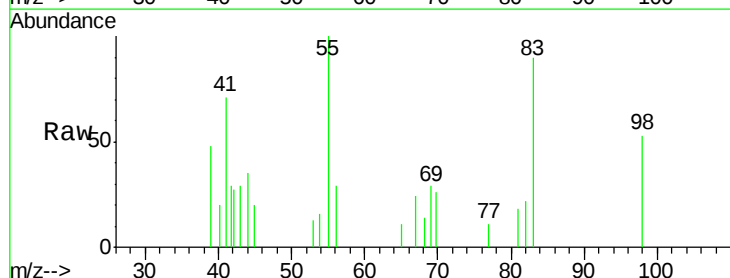
Tgt Ion: 83 Resp: 3476

Ion Ratio Lower Upper

83 100

55 110.6 63.8 95.6#

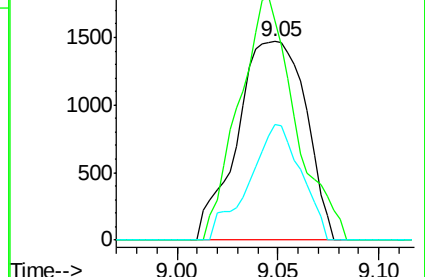
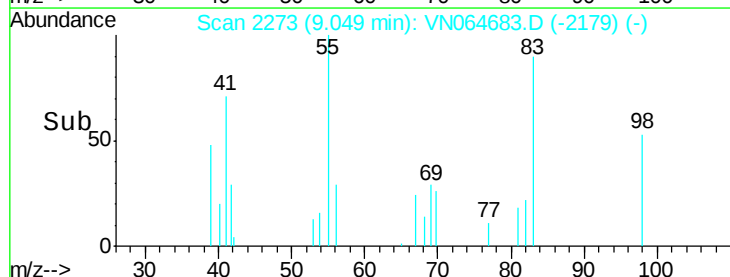
98 58.2 35.4 53.2#

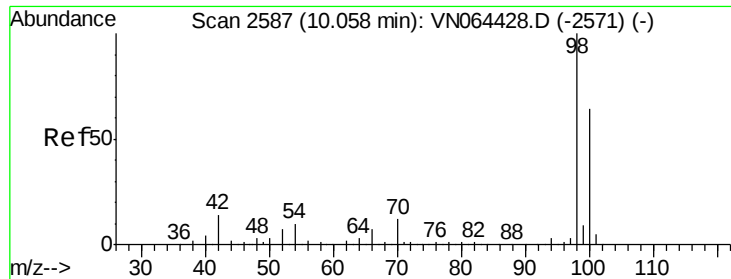


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V

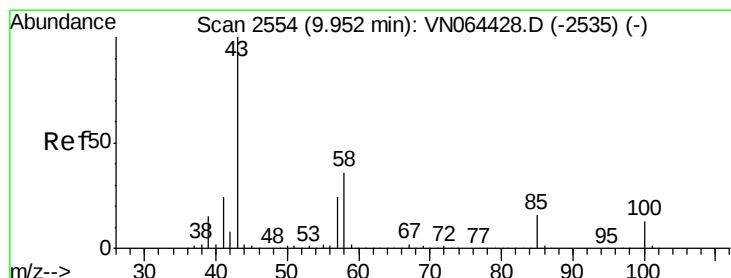
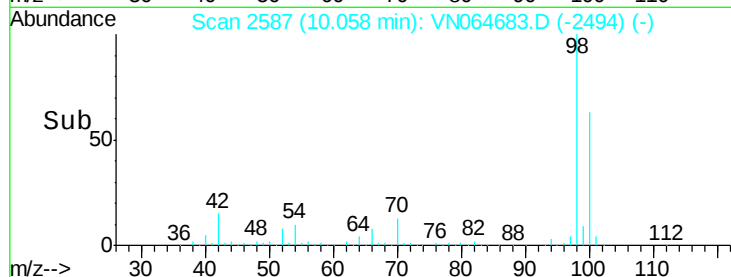
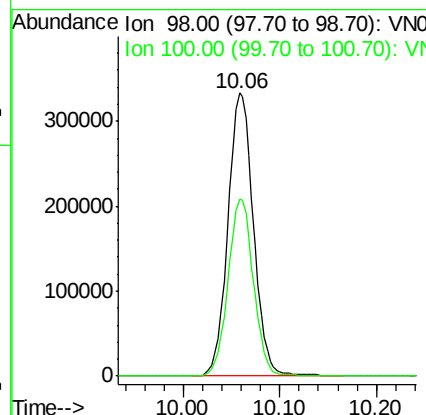
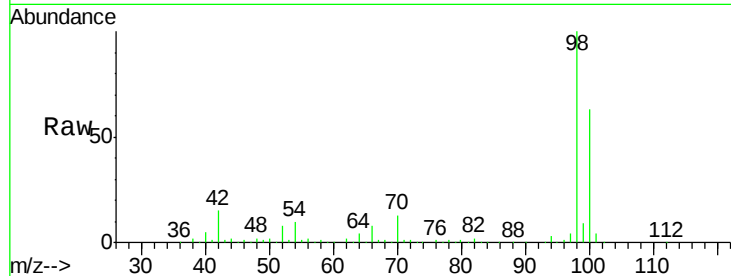




#50
Toluene-d8
Concen: 49.970 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064683.D
Acq: 17 Nov 2020 16:19

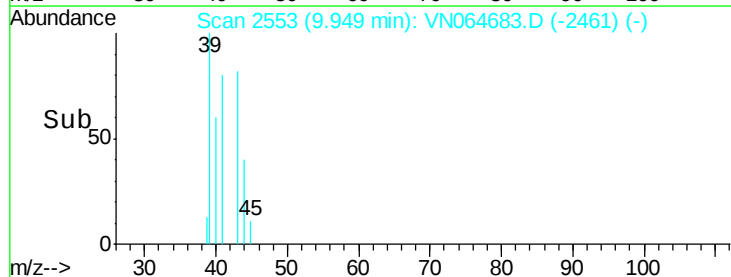
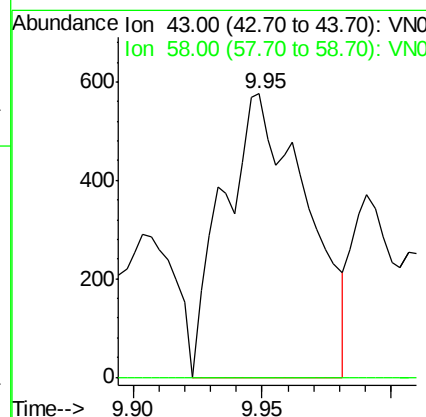
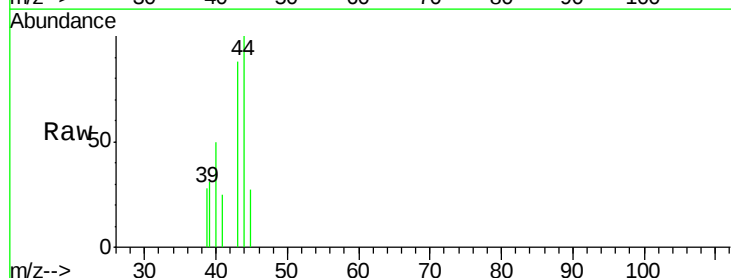
Instrument :
MSVOA_N
ClientSampled :
MW-4DL

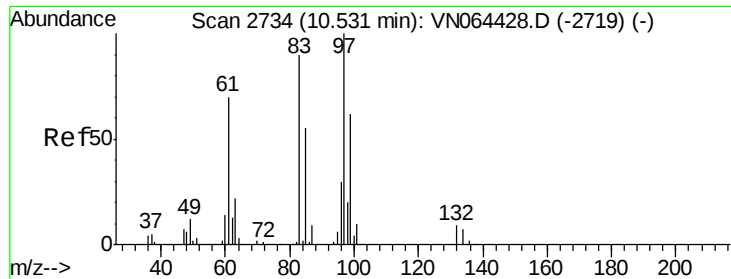
Tot Ion: 98 Resp: 610554
Ion Ratio Lower Upper
98 100
100 62.0 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.280 ug/l
RT: 9.95 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN064683.D
Acq: 17 Nov 2020 16:19

Tgt Ion: 43 Resp: 1299
Ion Ratio Lower Upper
43 100
58 0.0 28.4 42.6#





#55

1,1,2-Trichloroethane

Concen: 0.517 ug/l

RT: 10.50 min Scan# 2725

Delta R.T. -0.03 min

Lab File: VN064683.D

Acq: 17 Nov 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

MW-4DL

Tot Ion: 97 Resp: 1774

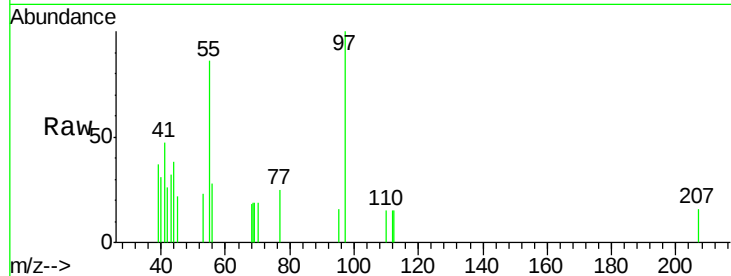
Ion Ratio Lower Upper

97 100

83 0.0 71.7 107.5#

85 0.0 44.3 66.5#

99 0.0 49.4 74.2#

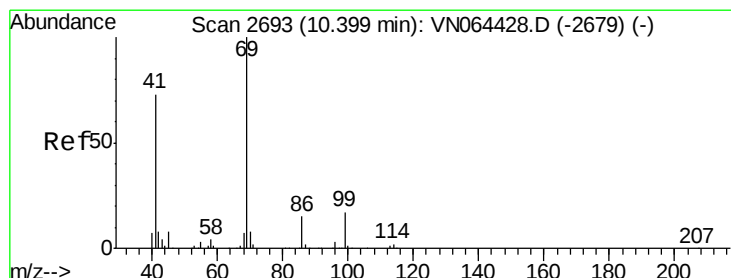
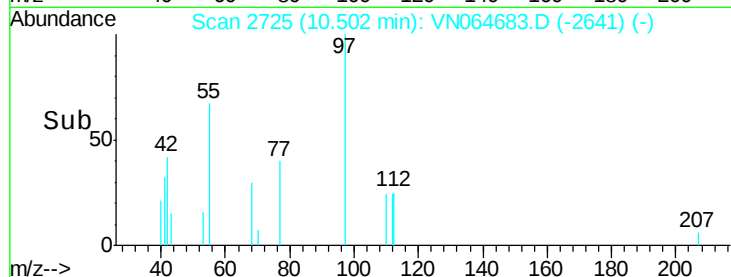
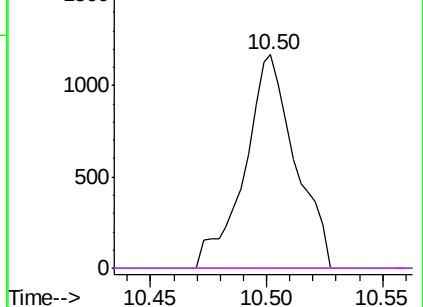


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 1.979 ug/l

RT: 10.41 min Scan# 2695

Delta R.T. 0.01 min

Lab File: VN064683.D

Acq: 17 Nov 2020 16:19

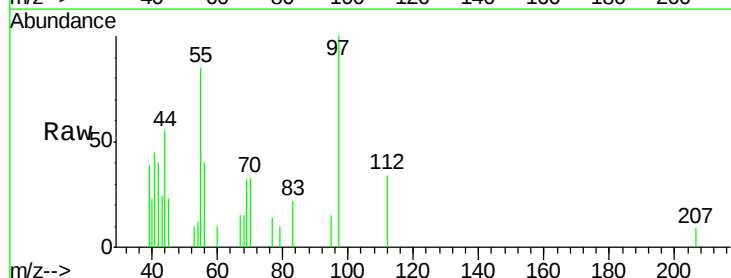
Tgt Ion: 69 Resp: 809

Ion Ratio Lower Upper

69 100

41 200.6 59.3 88.9#

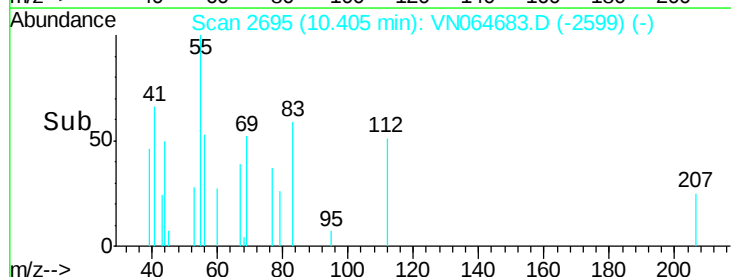
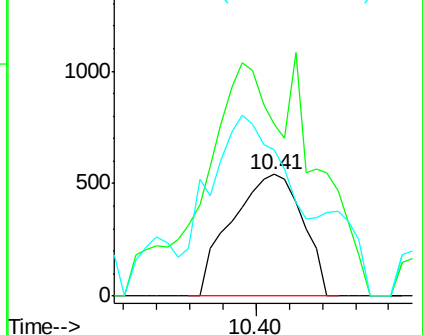
39 115.8 35.4 53.0#

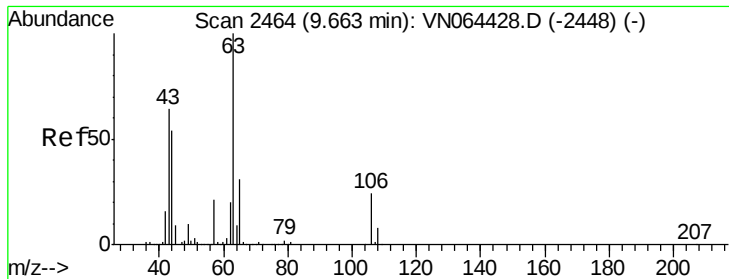


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

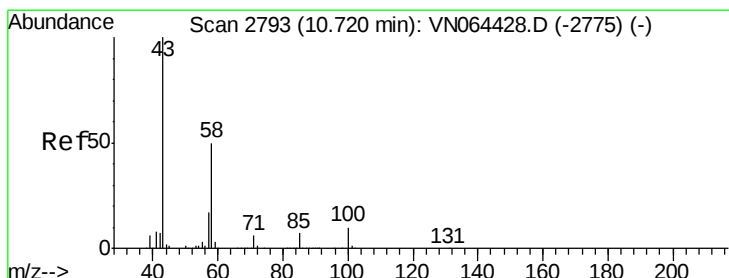
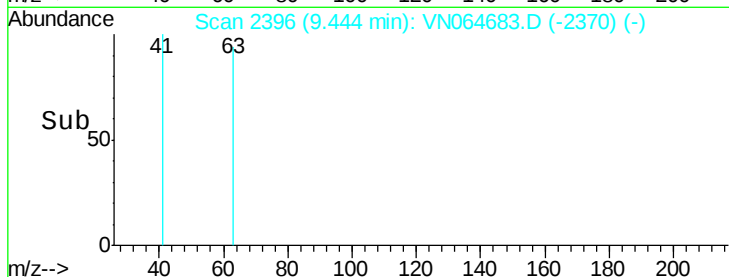
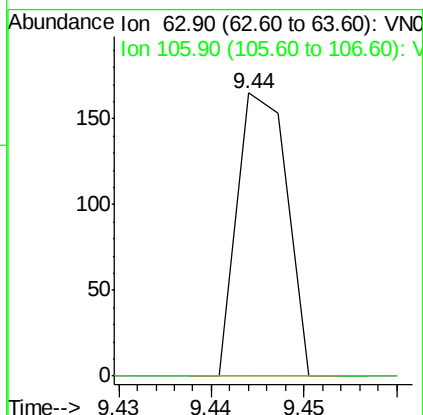
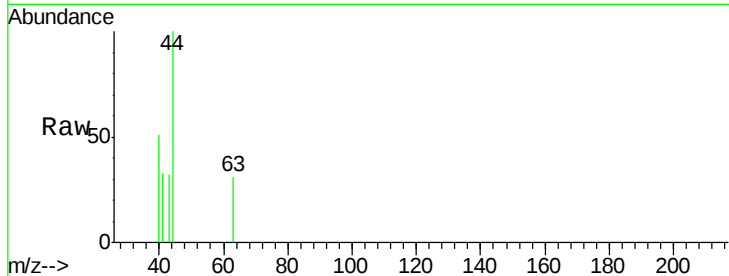




#58
 2-Chloroethyl Vinyl ether
 Concen: 21.559 ug/l
 RT: 9.44 min Scan# 2396
 Delta R.T. -0.22 min
 Lab File: VN064683.D
 Acq: 17 Nov 2020 16:19

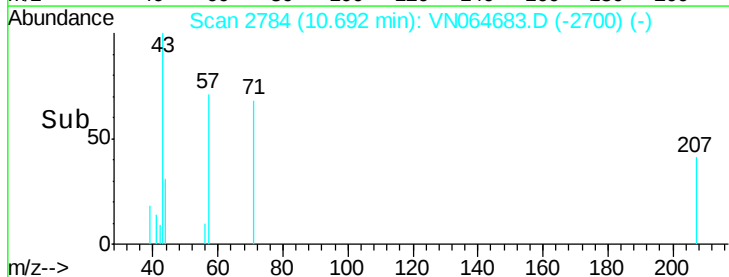
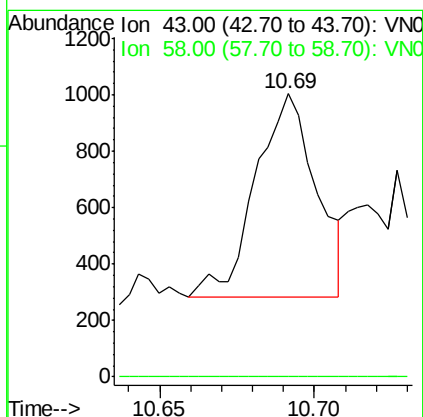
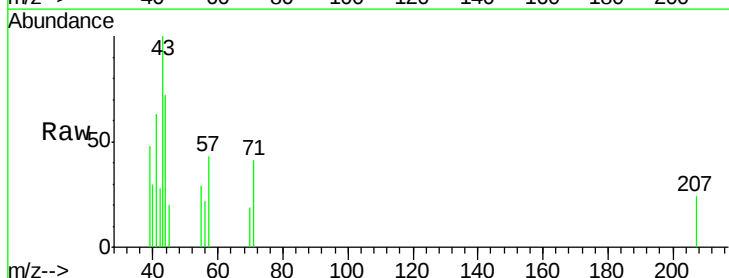
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4DL

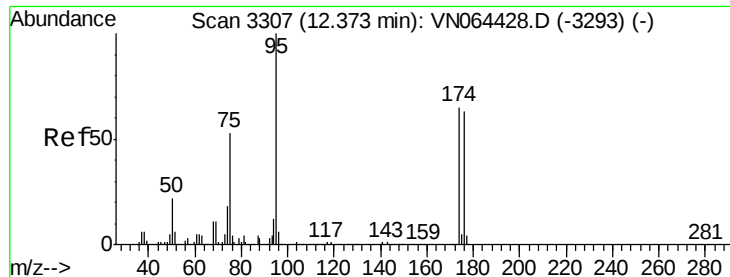
Tot Ion: 63 Resp: 61
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.5 29.3#



#59
 2-Hexanone
 Concen: 4.283 ug/l
 RT: 10.69 min Scan# 2784
 Delta R.T. -0.03 min
 Lab File: VN064683.D
 Acq: 17 Nov 2020 16:19

Tgt Ion: 43 Resp: 981
 Ion Ratio Lower Upper
 43 100
 58 0.0 24.7 74.1#





#62

4-Bromofluorobenzene

Concen: 57.705 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064683.D

Acq: 17 Nov 2020 16:19

Instrument :

MSVOA_N

ClientSampled :

MW-4DL

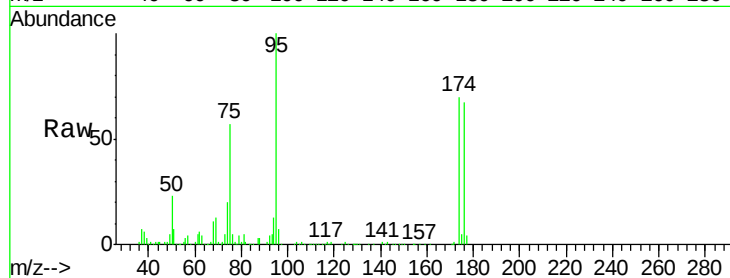
Tot Ion: 95 Resp: 266645

Ion Ratio Lower Upper

95 100

174 71.2 0.0 132.6

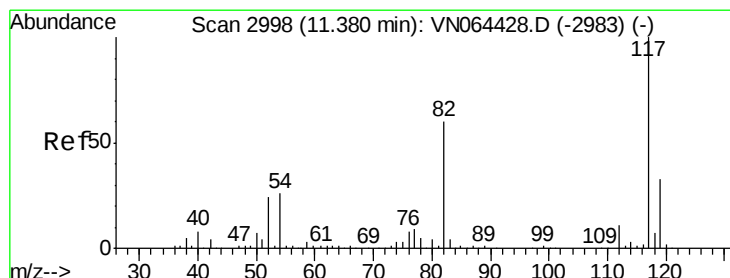
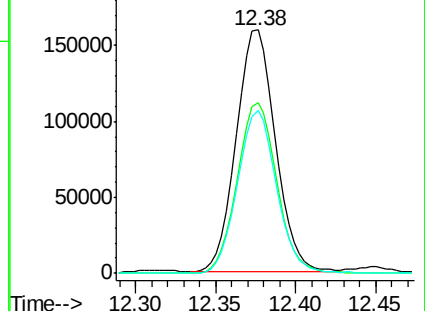
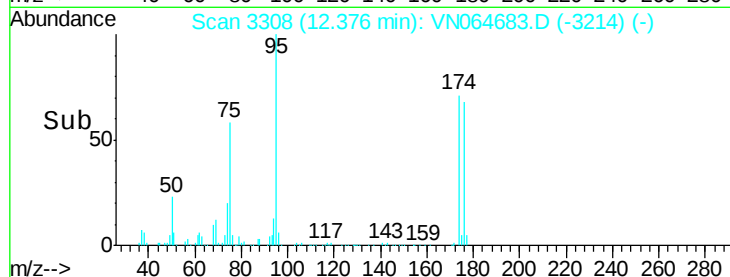
176 67.1 0.0 129.2



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: VN064683.D

Acq: 17 Nov 2020 16:19

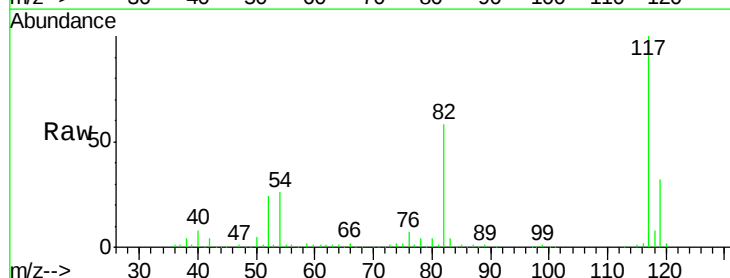
Tgt Ion: 117 Resp: 493460

Ion Ratio Lower Upper

117 100

82 58.4 48.1 72.1

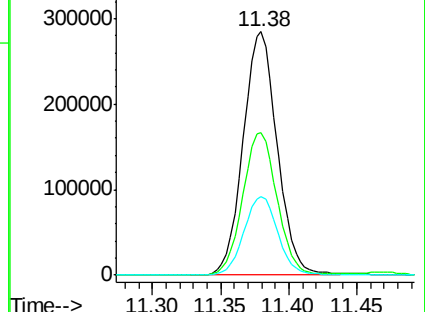
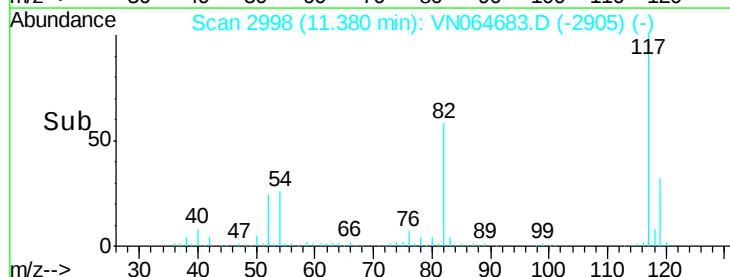
119 32.3 26.2 39.4

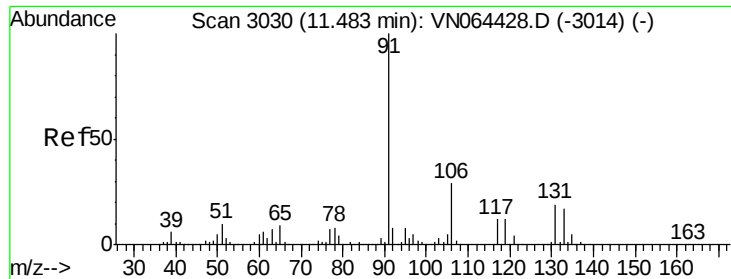


Abundance Ion 116.90 (116.60 to 117.60): VN064428.D (-2983) (-)

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

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

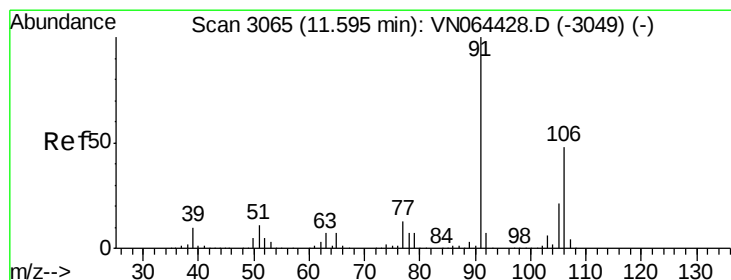
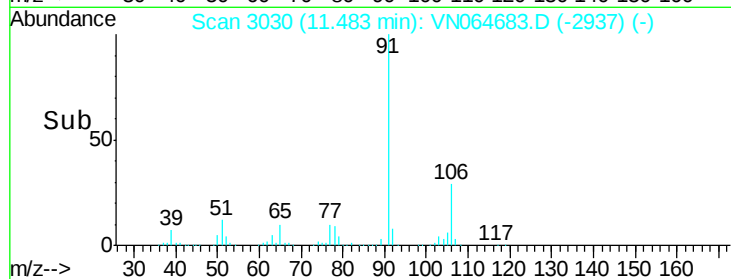
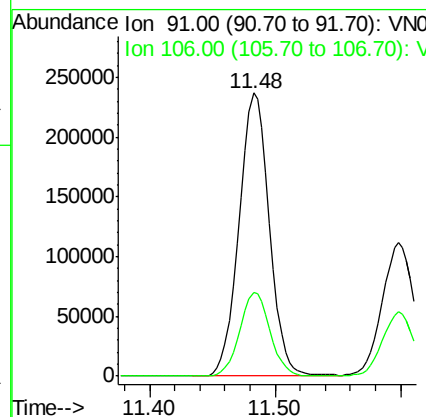
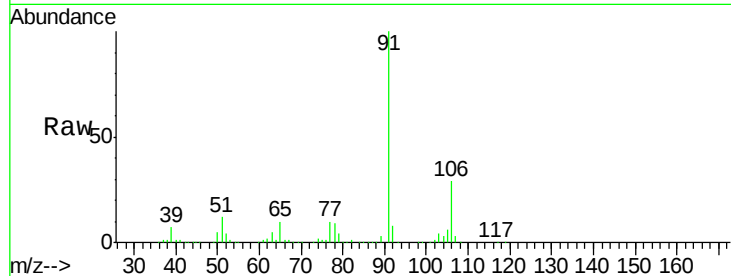




#67
Ethyl Benzene
Concen: 20.648 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064683.D
Acq: 17 Nov 2020 16:19

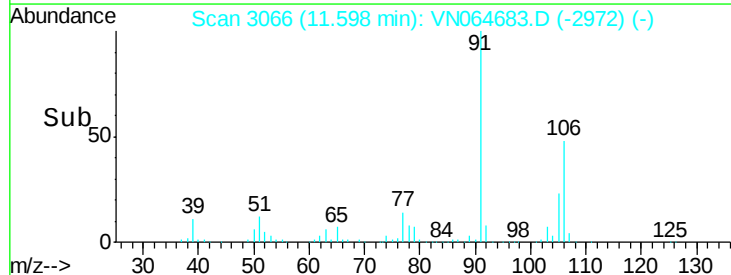
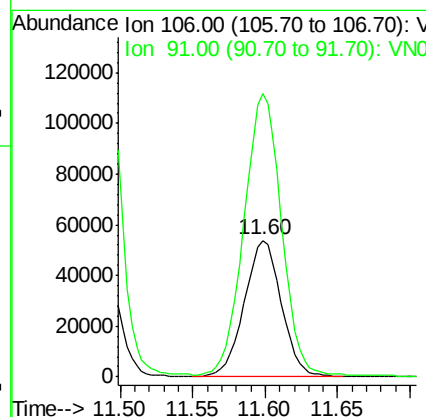
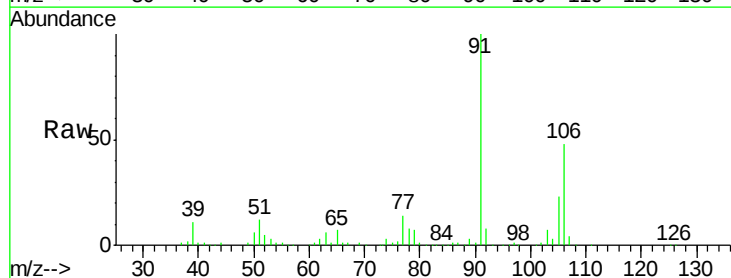
Instrument :
MSVOA_N
ClientSampled :
MW-4DL

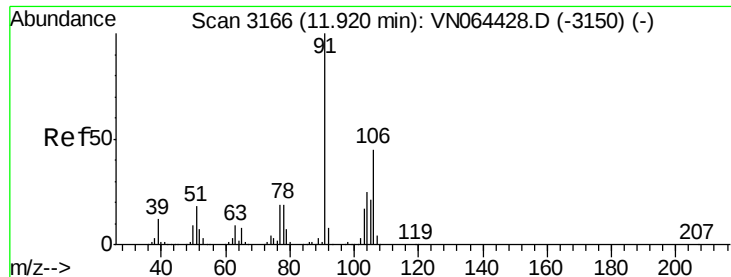
Tot Ion: 91 Resp: 397314
Ion Ratio Lower Upper
91 100
106 29.4 23.6 35.4



#68
m/p-Xylenes
Concen: 13.559 ug/l
RT: 11.60 min Scan# 3066
Delta R.T. 0.00 min
Lab File: VN064683.D
Acq: 17 Nov 2020 16:19

Tgt Ion: 106 Resp: 94622
Ion Ratio Lower Upper
106 100
91 210.6 169.4 254.2

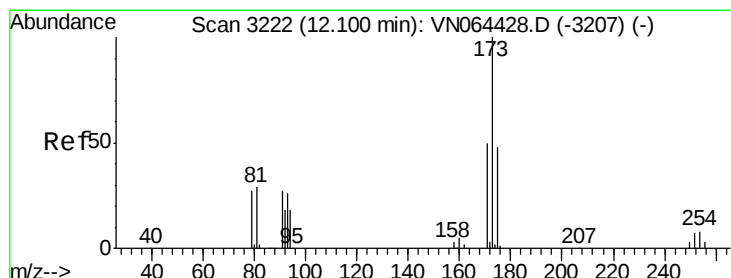
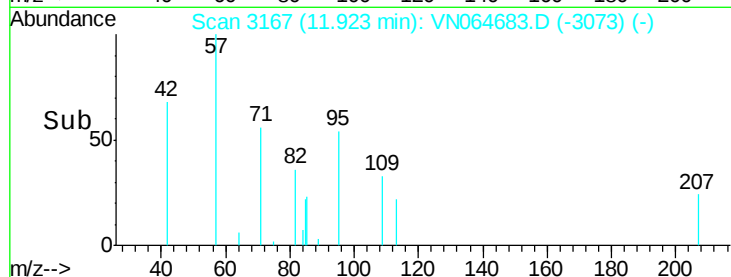
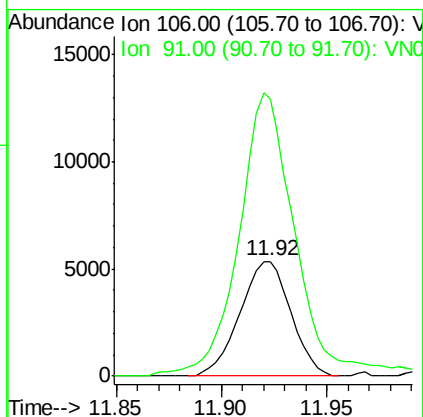
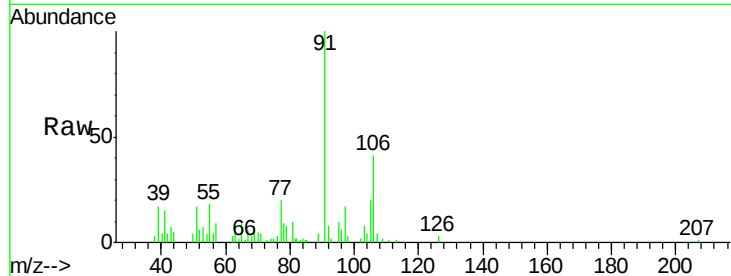




#69
o-Xylene
Concen: 1.331 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064683.D
Acq: 17 Nov 2020 16:19

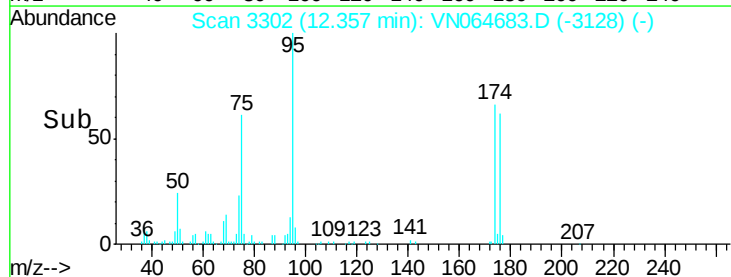
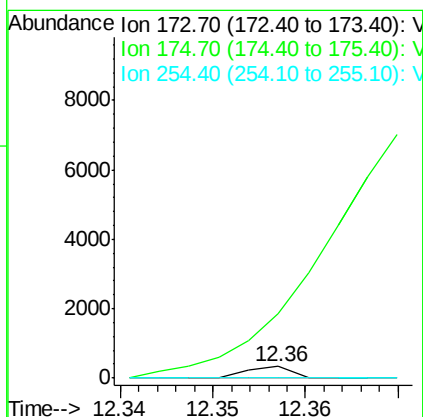
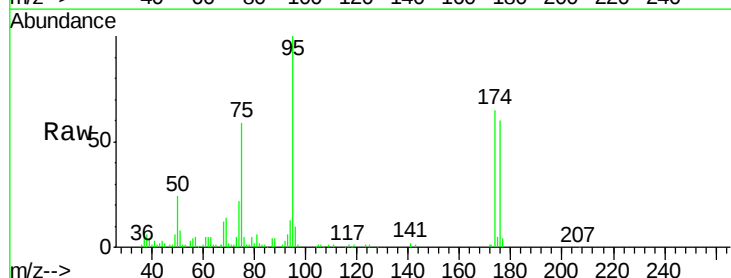
Instrument :
MSVOA_N
ClientSampled :
MW-4DL

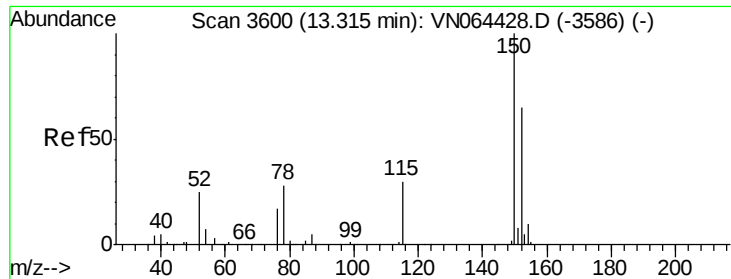
Tot Ion:106 Resp: 8972
Ion Ratio Lower Upper
106 100
91 276.1 111.7 334.9



#71
Bromoform
Concen: 1.312 ug/l
RT: 12.36 min Scan# 3302
Delta R.T. 0.26 min
Lab File: VN064683.D
Acq: 17 Nov 2020 16:19

Tgt Ion:173 Resp: 114
Ion Ratio Lower Upper
173 100
175 10200.9 23.7 71.1#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064683.D

Acq: 17 Nov 2020 16:19

Instrument :

MSVOA_N

ClientSampled :

MW-4DL

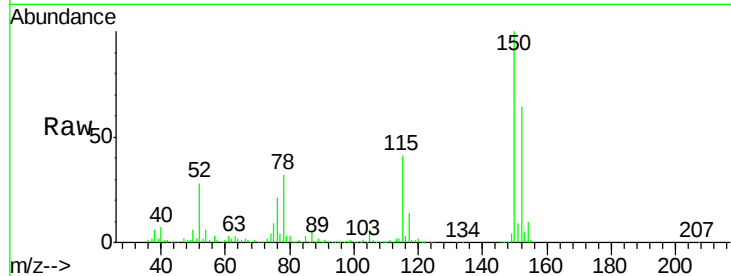
Tot Ion:152 Resp: 248376

Ion Ratio Lower Upper

152 100

115 64.8 32.0 96.0

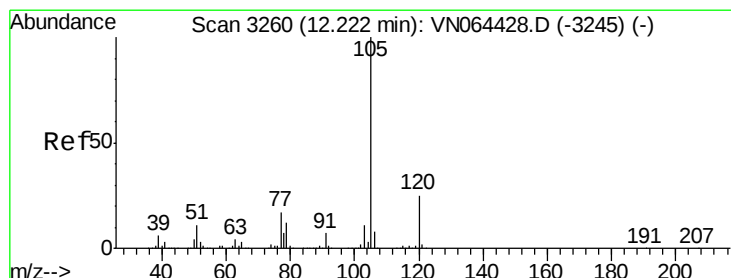
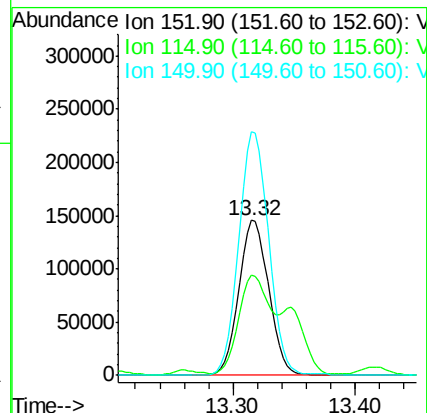
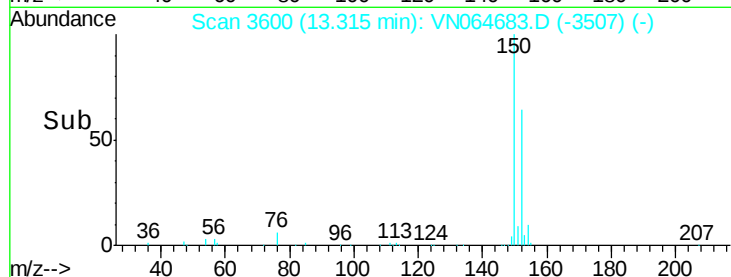
150 157.1 0.0 353.8



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: 24.521 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064683.D

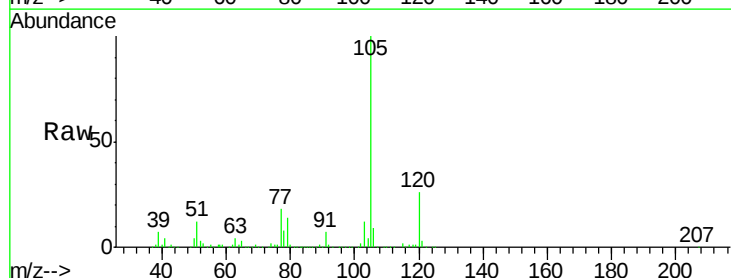
Acq: 17 Nov 2020 16:19

Tgt Ion:105 Resp: 484089

Ion Ratio Lower Upper

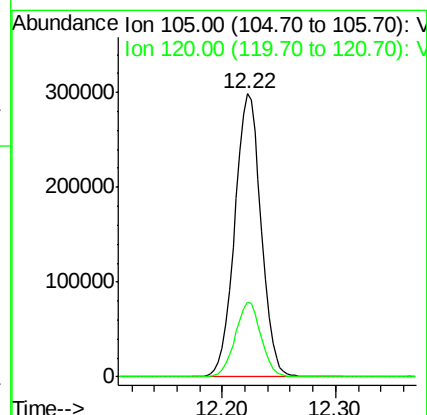
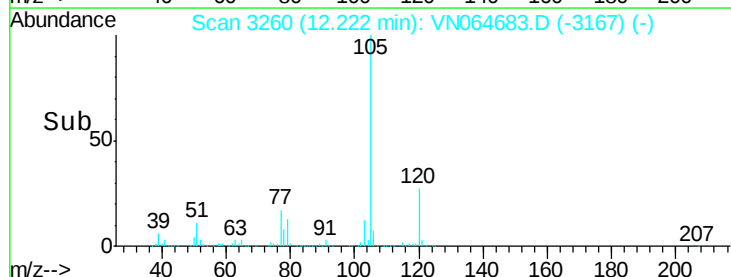
105 100

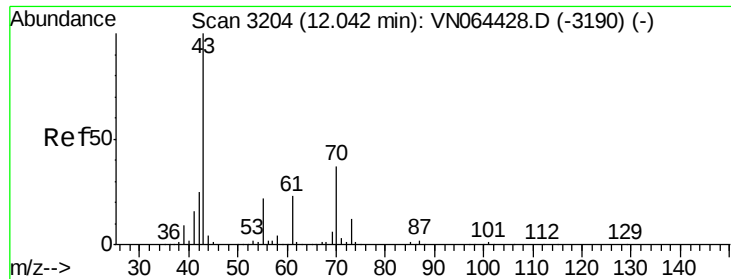
120 25.9 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.838 ug/l

RT: 12.02 min Scan# 3198

Delta R.T. -0.02 min

Lab File: VN064683.D

Acq: 17 Nov 2020 16:19

Instrument :

MSVOA_N

ClientSampled :

MW-4DL

Tot Ion: 43 Resp: 6120

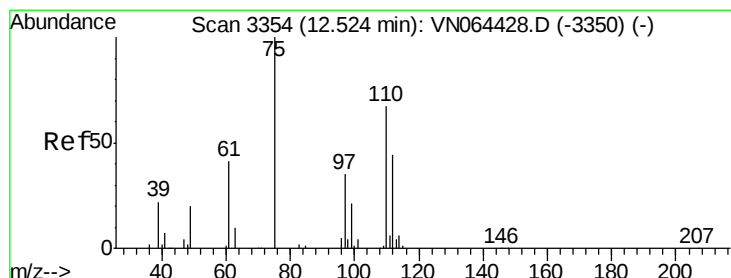
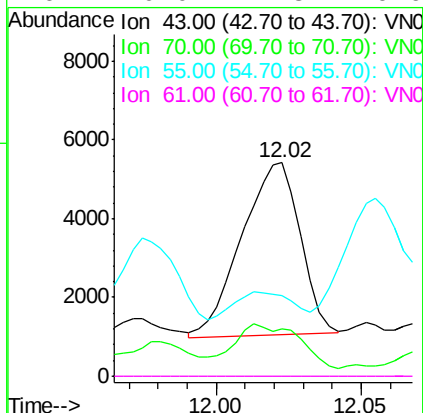
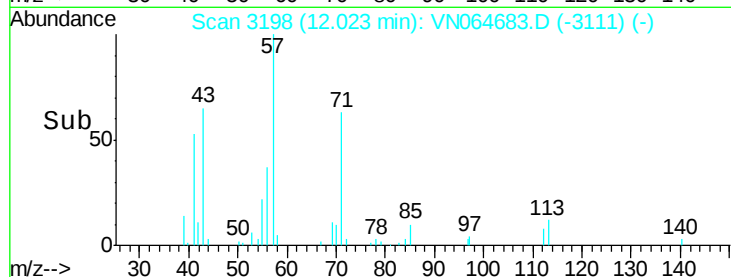
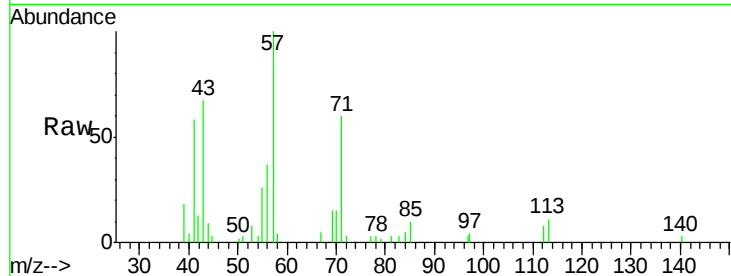
Ion Ratio Lower Upper

43 100

70 28.7 29.6 44.4#

55 21.6 18.4 27.6

61 0.0 17.8 26.6#



#76

1,2,3-Trichloropropane

Concen: 1.145 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.04 min

Lab File: VN064683.D

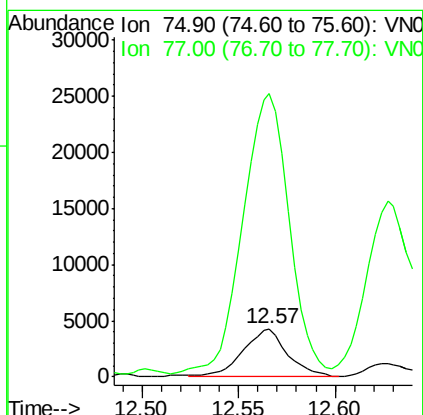
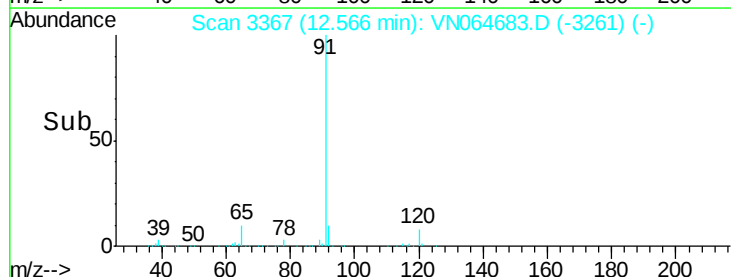
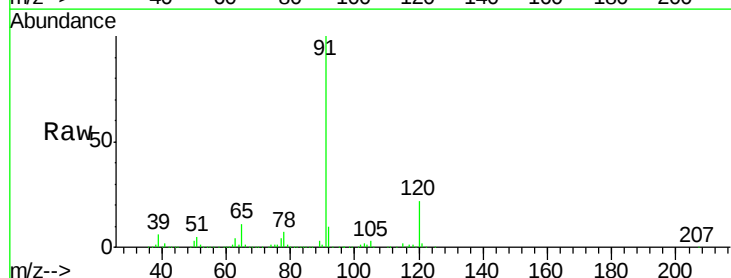
Acq: 17 Nov 2020 16:19

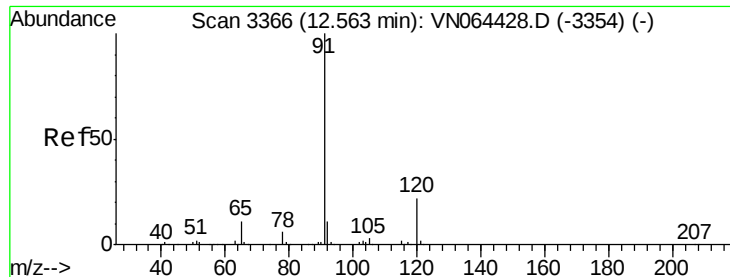
Tgt Ion: 75 Resp: 6889

Ion Ratio Lower Upper

75 100

77 596.5 0.0 0.0#





#78

n-propylbenzene

Concen: 39.951 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064683.D

Acq: 17 Nov 2020 16:19

Instrument :

MSVOA_N

ClientSampled :

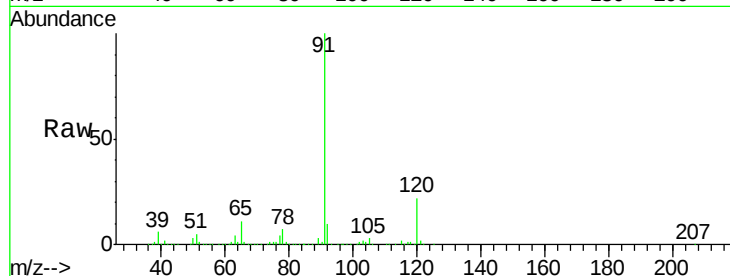
MW-4DL

Tot Ion: 91 Resp: 899185

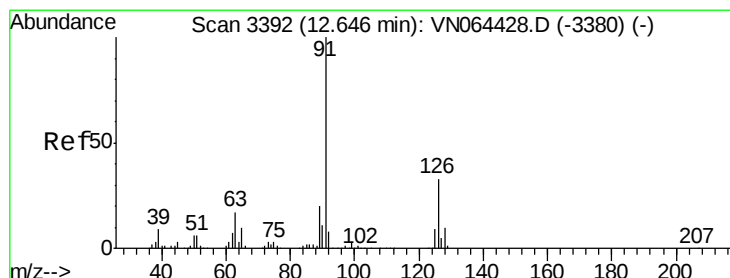
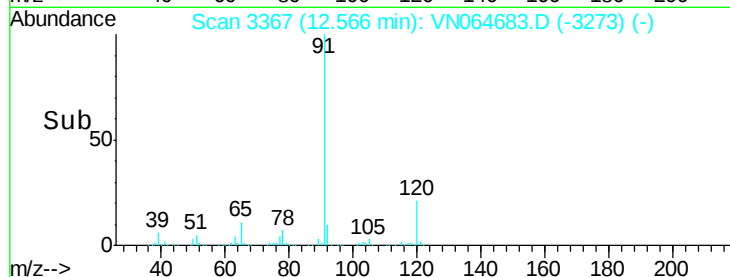
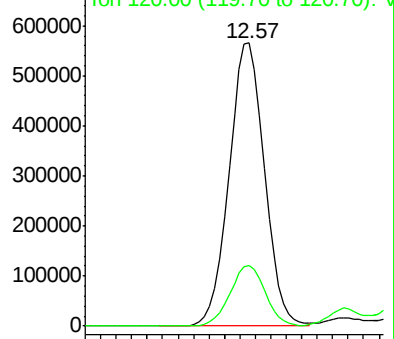
Ion Ratio Lower Upper

91 100

120 21.3 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3354) (-)



#79

2-Chlorotoluene

Concen: 62.990 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.08 min

Lab File: VN064683.D

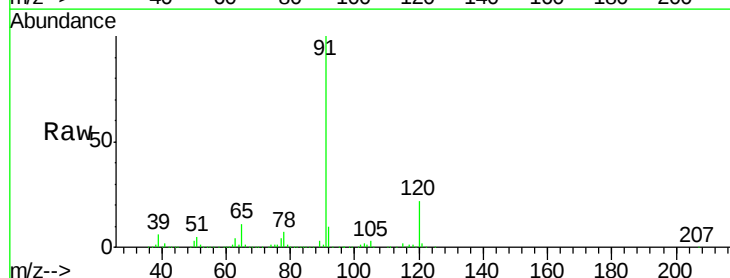
Acq: 17 Nov 2020 16:19

Tgt Ion: 91 Resp: 899185

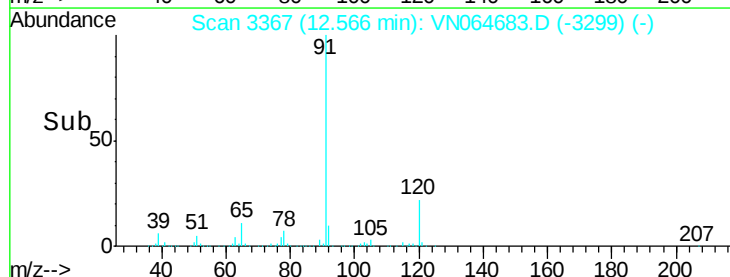
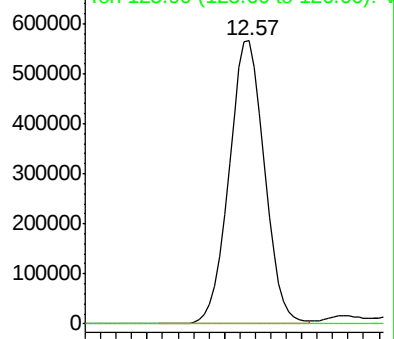
Ion Ratio Lower Upper

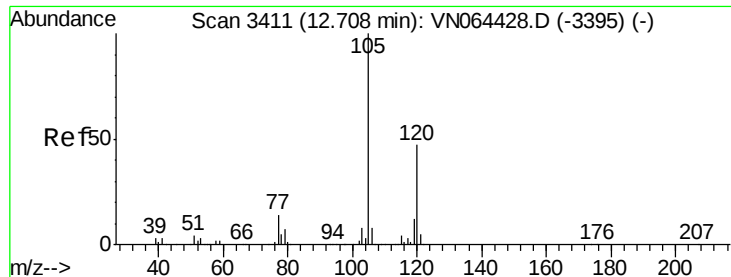
91 100

126 0.0 16.4 49.1#



Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3380) (-)





#80

1,3,5-Trimethylbenzene

Concen: 9.605 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064683.D

Acq: 17 Nov 2020 16:19

Instrument :

MSVOA_N

ClientSampled :

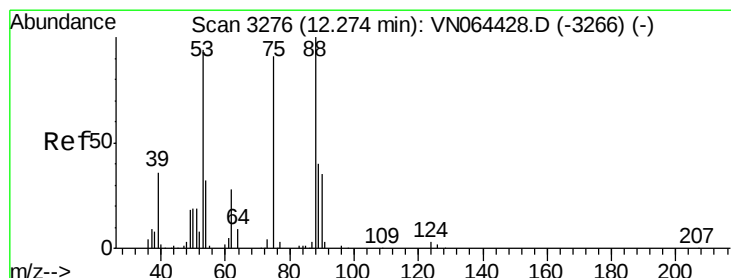
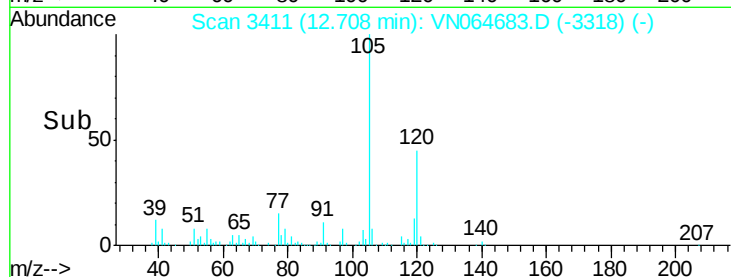
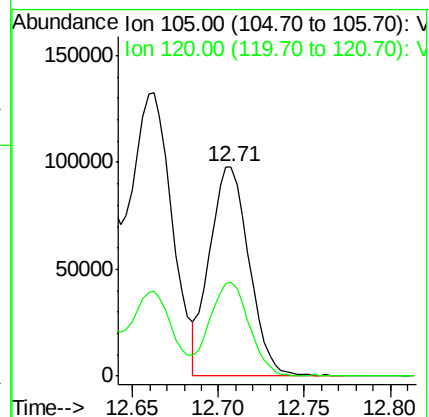
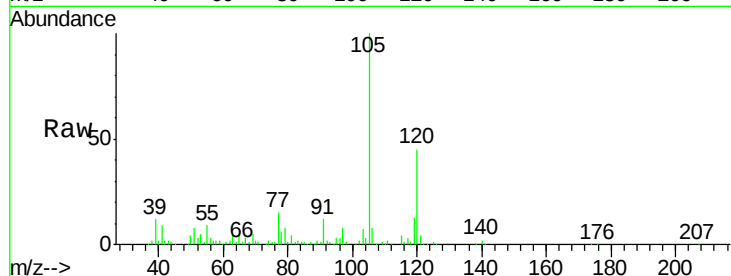
MW-4DL

Tot Ion:105 Resp: 156430

Ion Ratio Lower Upper

105 100

120 44.3 23.4 70.2



#81

trans-1,4-Dichloro-2-butene

Concen: 3.011 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.05 min

Lab File: VN064683.D

Acq: 17 Nov 2020 16:19

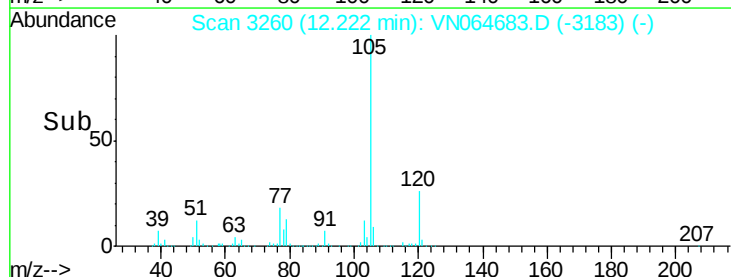
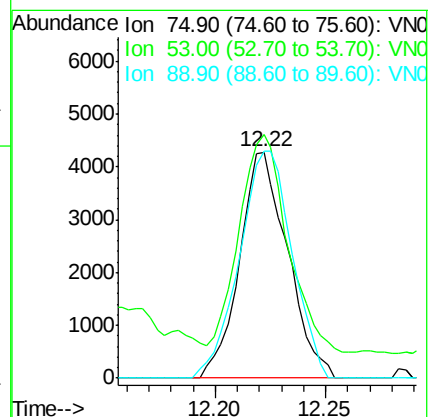
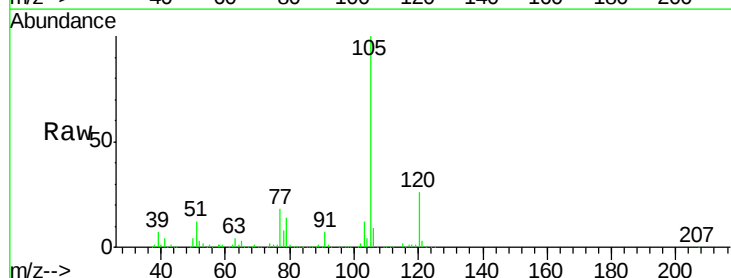
Tgt Ion: 75 Resp: 6489

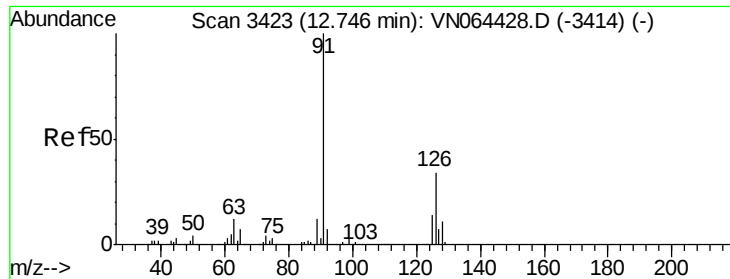
Ion Ratio Lower Upper

75 100

53 97.4 84.0 126.0

89 110.0 36.3 54.5#

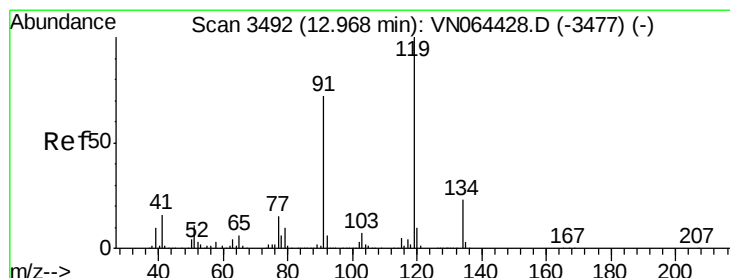
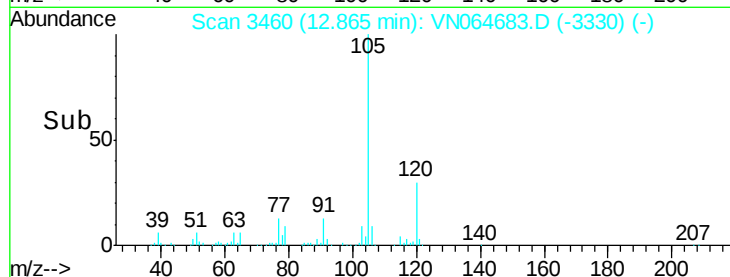
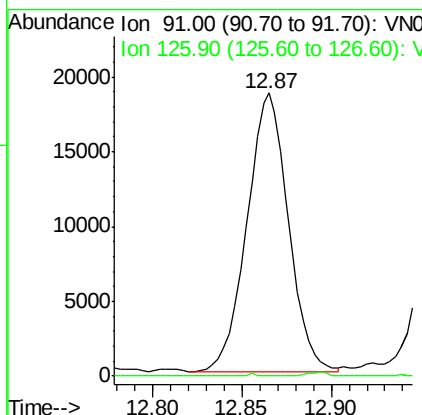
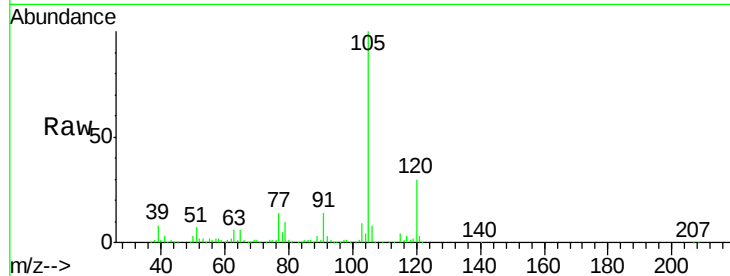




#82
4-Chlorotoluene
Concen: 2.026 ug/l
RT: 12.87 min Scan# 3460
Delta R.T. 0.12 min
Lab File: VN064683.D
Acq: 17 Nov 2020 16:19

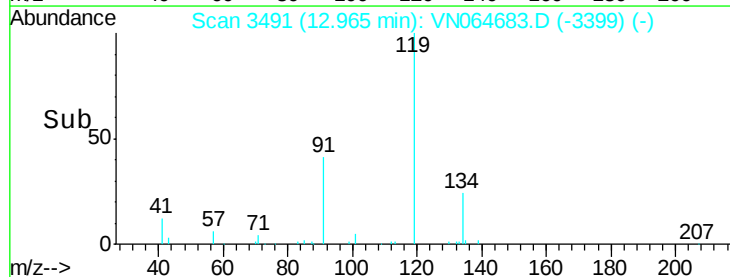
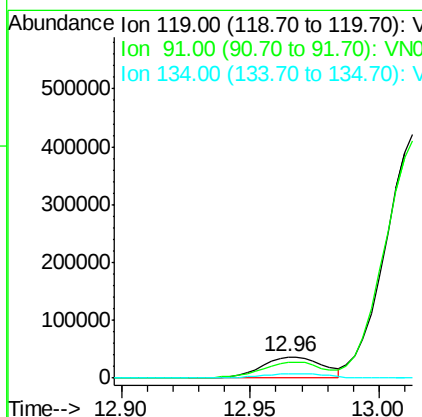
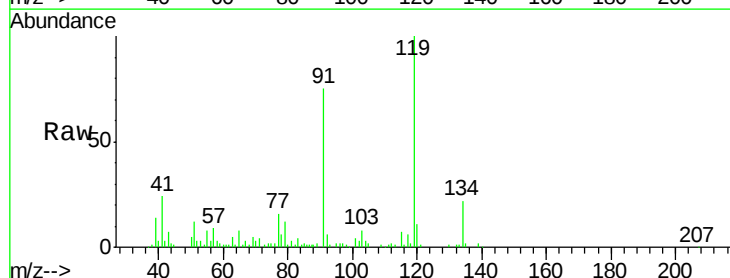
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

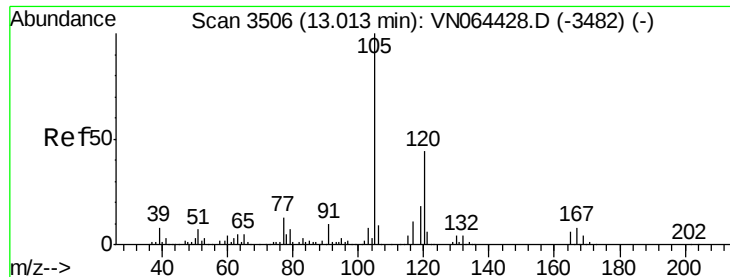
Tot Ion: 91 Resp: 30293
Ion Ratio Lower Upper
91 100
126 0.1 15.4 46.2#



#83
tert-Butylbenzene
Concen: 4.726 ug/l
RT: 12.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: VN064683.D
Acq: 17 Nov 2020 16:19

Tgt Ion: 119 Resp: 60116
Ion Ratio Lower Upper
119 100
91 70.2 36.1 108.3
134 24.0 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 317.676 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. -0.00 min

Lab File: VN064683.D

Acq: 17 Nov 2020 16:19

Instrument :

MSVOA_N

ClientSampled :

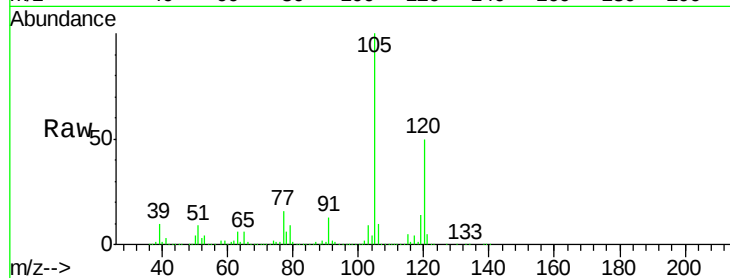
MW-4DL

Tot Ion:105 Resp: 5201077

Ion Ratio Lower Upper

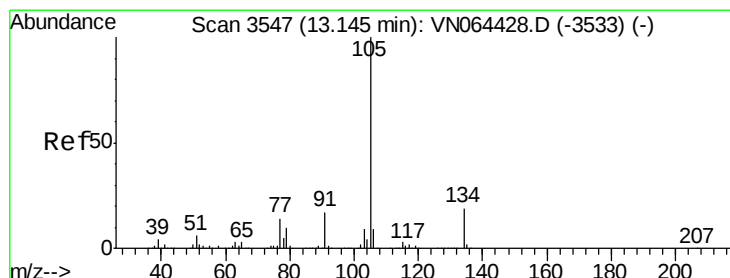
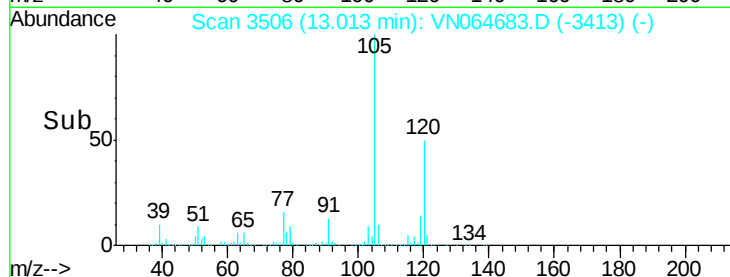
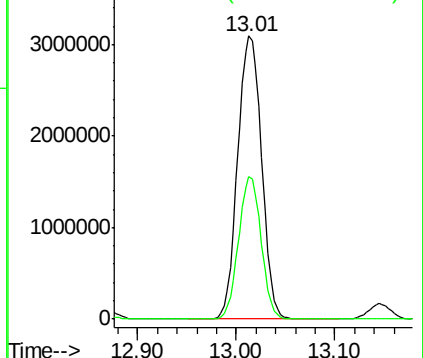
105 100

120 47.3 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 16.767 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064683.D

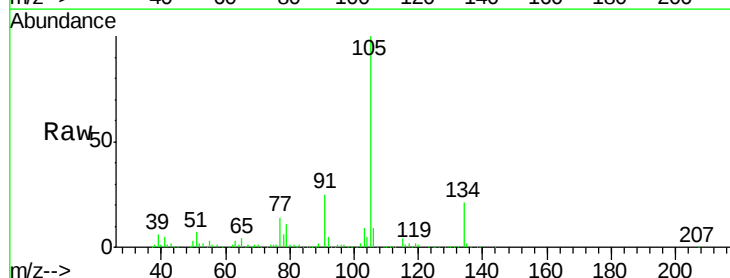
Acq: 17 Nov 2020 16:19

Tgt Ion:105 Resp: 270103

Ion Ratio Lower Upper

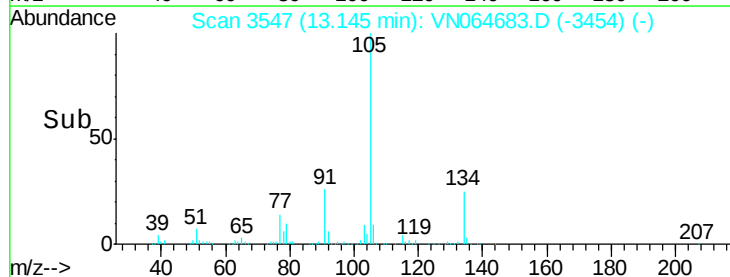
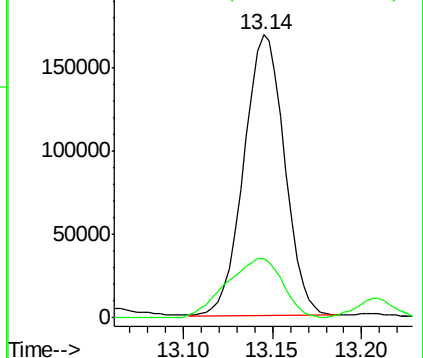
105 100

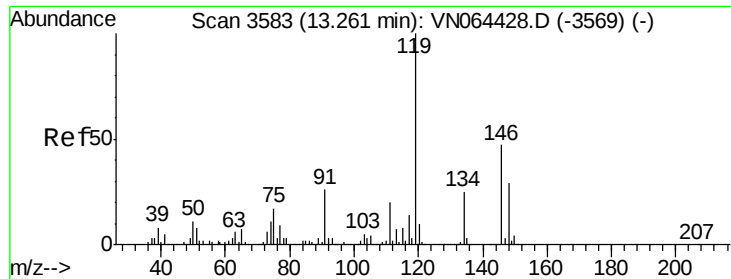
134 29.1 9.4 28.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

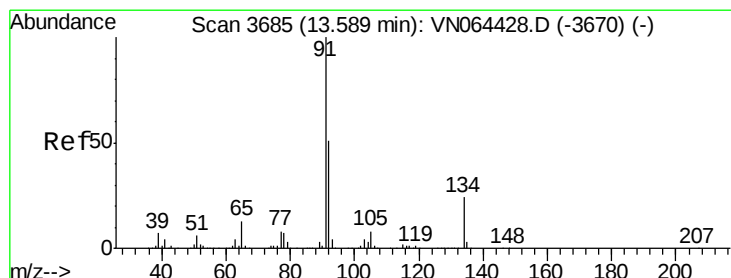
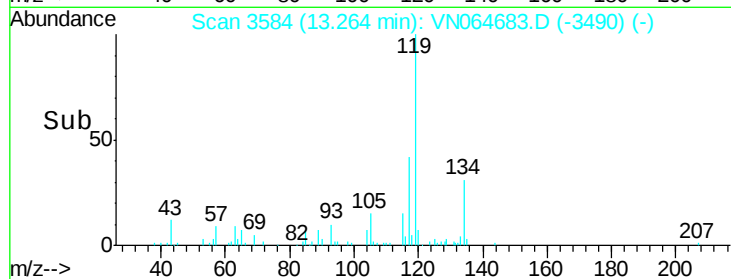
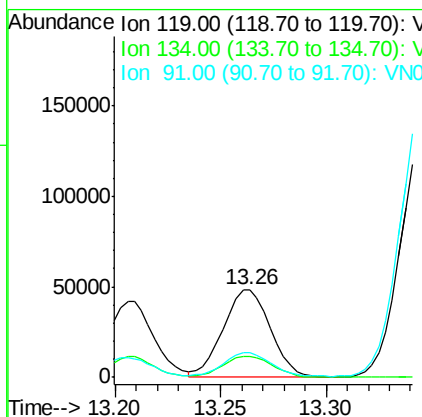
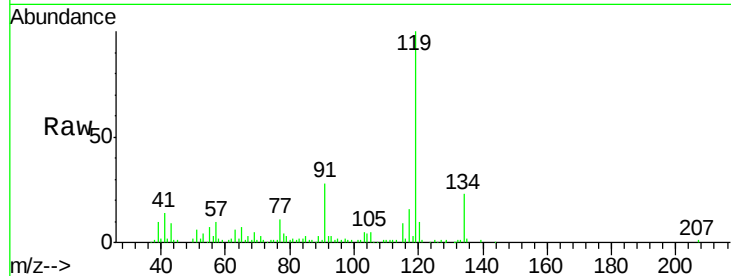




#86
 p-Isopropyltoluene
 Concen: 5.125 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064683.D
 Acq: 17 Nov 2020 16:19

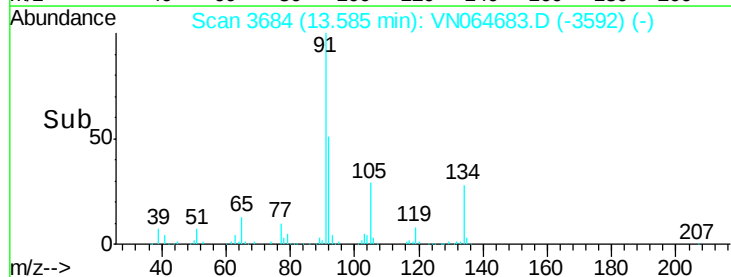
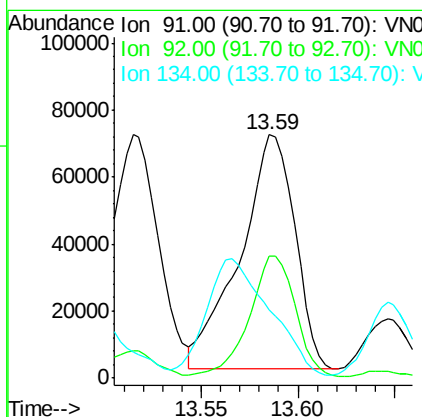
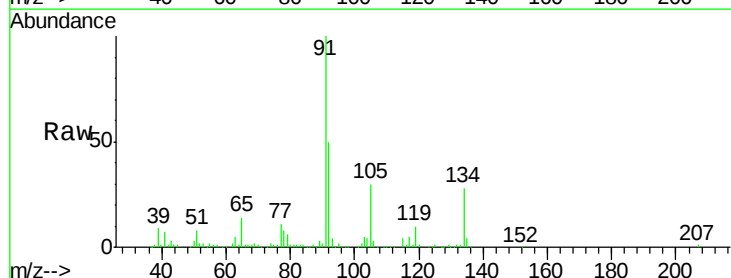
Instrument :
 MSVOA_N
 ClientSampled :
 MW-4DL

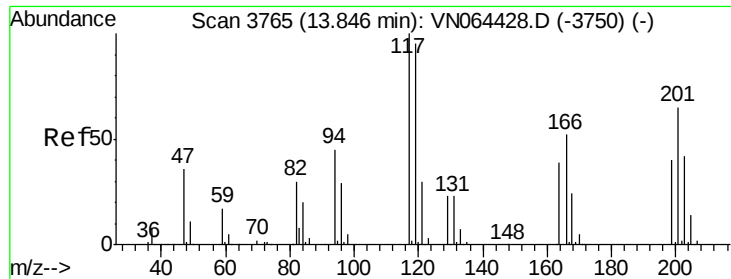
Tot Ion:119 Resp: 74264
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.6
 91 26.7 12.8 38.3



#89
 n-Butylbenzene
 Concen: 11.144 ug/l
 RT: 13.59 min Scan# 3684
 Delta R.T. -0.00 min
 Lab File: VN064683.D
 Acq: 17 Nov 2020 16:19

Tgt Ion: 91 Resp: 138833
 Ion Ratio Lower Upper
 91 100
 92 42.5 25.3 75.9
 134 0.0 11.8 35.4#

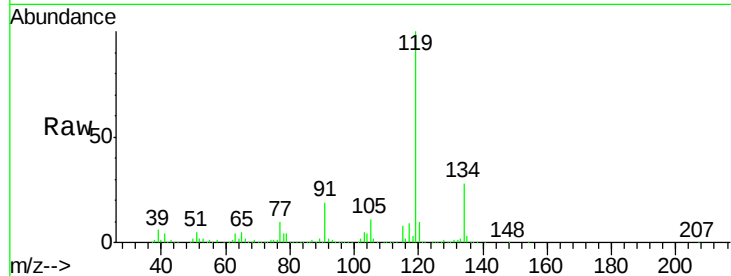




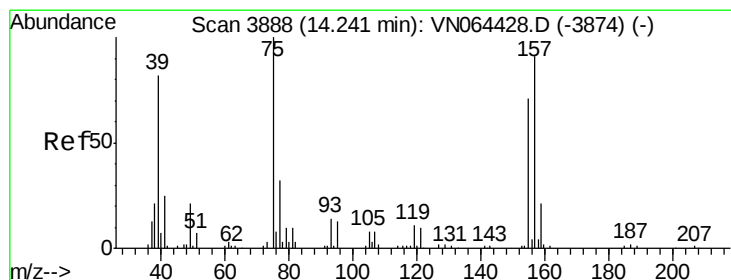
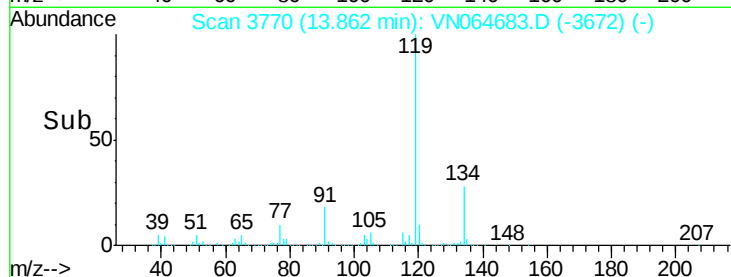
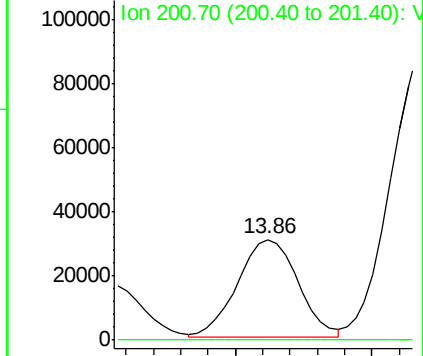
#90
Hexachloroethane
Concen: 16.812 ug/l
RT: 13.86 min Scan# 3770
Delta R.T. 0.02 min
Lab File: VN064683.D
Acq: 17 Nov 2020 16:19

Instrument :
MSVOA_N
ClientSampled :
MW-4DL

Tot Ion:117 Resp: 46993
Ion Ratio Lower Upper
117 100
201 0.0 32.5 97.5#

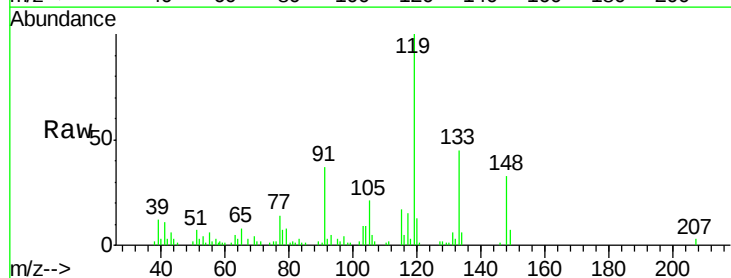


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

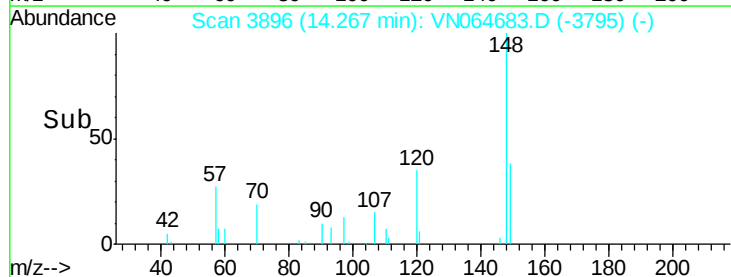
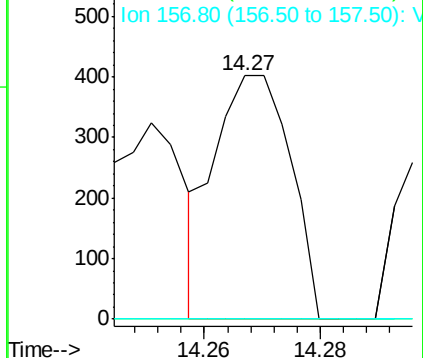


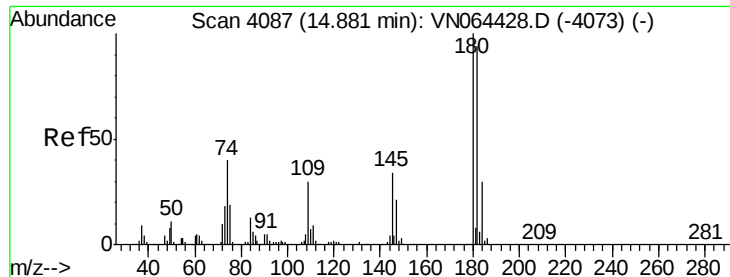
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.301 ug/l
RT: 14.27 min Scan# 3896
Delta R.T. 0.03 min
Lab File: VN064683.D
Acq: 17 Nov 2020 16:19

Tgt Ion: 75 Resp: 363
Ion Ratio Lower Upper
75 100
155 0.0 34.6 103.9#
157 0.0 43.0 128.8#



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

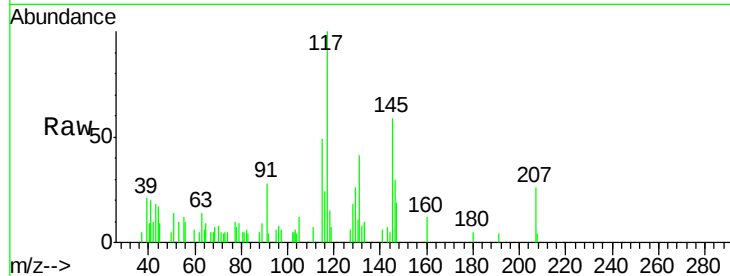




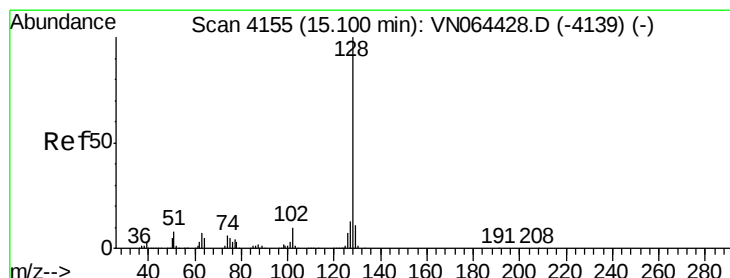
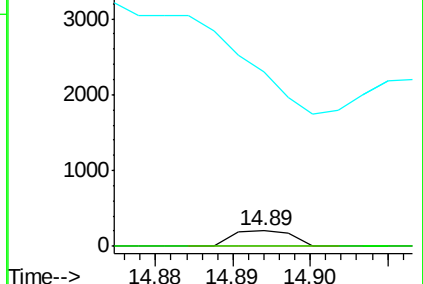
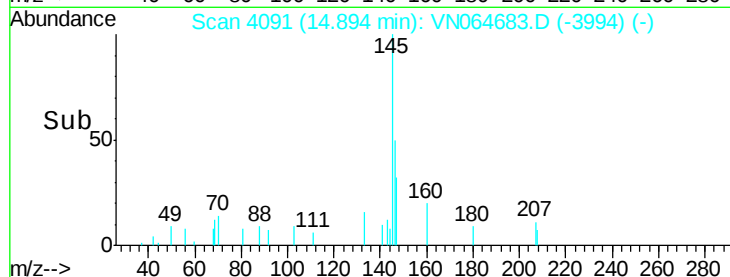
#93
 1,2,4-Trichlorobenzene
 Concen: 2.690 ug/l
 RT: 14.89 min Scan# 4091
 Delta R.T. 0.01 min
 Lab File: VN064683.D
 Acq: 17 Nov 2020 16:19

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4DL

Tot Ion:180 Resp: 108
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 142.0#
 145 0.0 16.7 50.1#

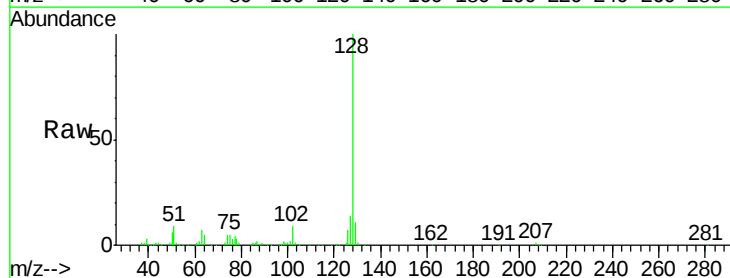


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 16.485 ug/l
 RT: 15.10 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN064683.D
 Acq: 17 Nov 2020 16:19

Tgt Ion:128 Resp: 188908
 Ion Ratio Lower Upper
 128 100
 127 13.6 10.5 15.7
 129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

