

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
 Data File : VN061222.D
 Acq On : 1 May 2020 11:47
 Operator : JC/MD
 Sample : VN0501WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 04 00:51:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

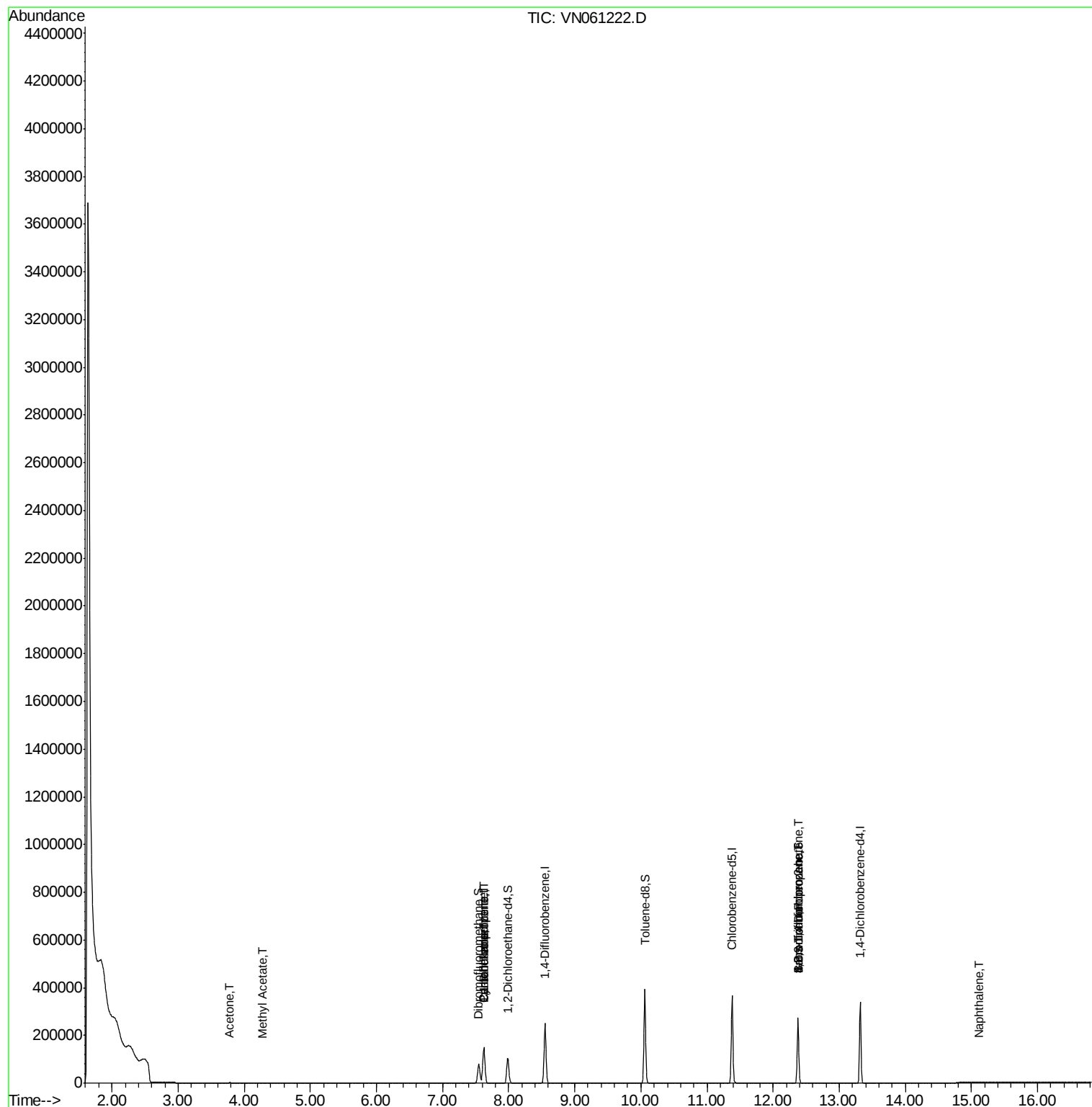
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	118760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	207828	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	198261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	85924	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	89430	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.18%	
35) Dibromofluoromethane	7.55	113	61682	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
50) Toluene-d8	10.06	98	258204	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
62) 4-Bromofluorobenzene	12.38	95	94878	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
Target Compounds						
					Qvalue	
16) Acetone	3.78	43	4216	0.283	ug/l	99
18) Methyl Acetate	4.27	43	100	0.721	ug/l #	55
31) Cyclohexane	7.62	56	2895	1.059	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	10288	4.945	ug/l #	49
38) Carbon Tetrachloride	7.62	117	12126	8.383	ug/l #	17
71) Bromoform	12.38	173	237	0.229	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	51106	28.212	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	51106	71.643	ug/l #	8
95) Naphthalene	15.11	128	1159	0.227	ug/l #	69

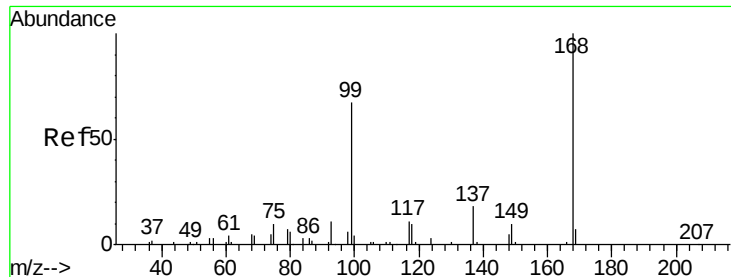
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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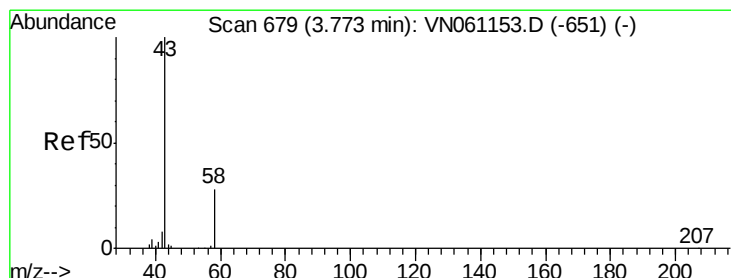
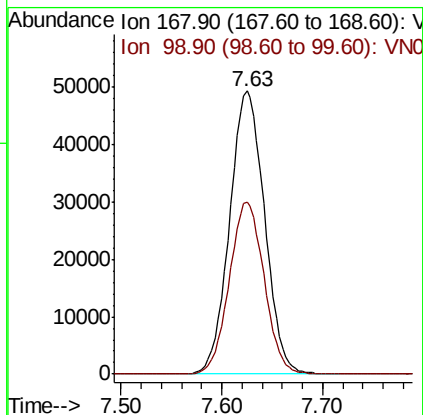
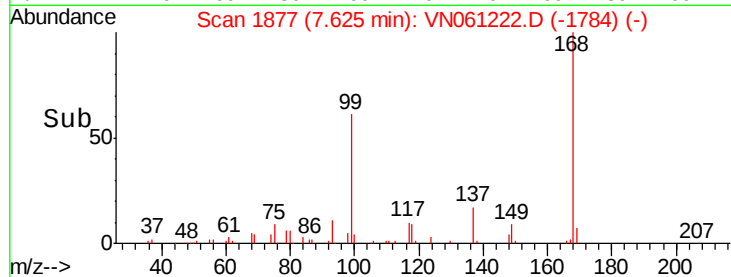
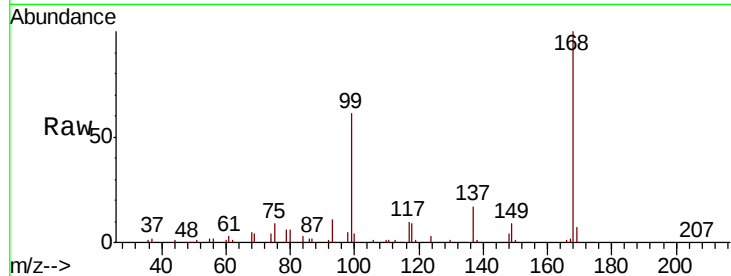


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VN061222.D
 Acq: 1 May 2020 11:47

Instrument :
 MSVOA_N
 ClientSampled :

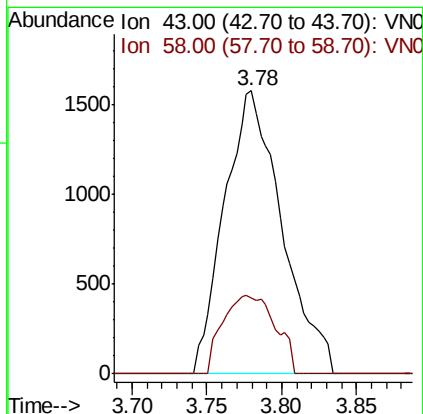
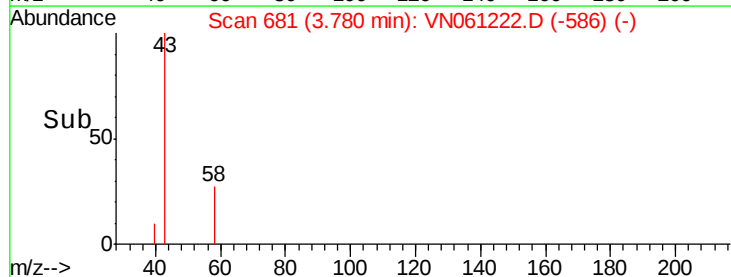
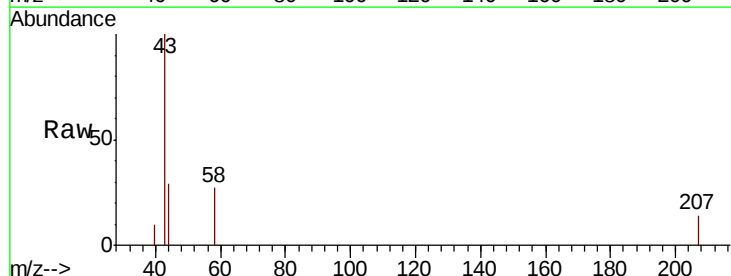
Tot Ion:168 Resp: 118760
 Ion Ratio Lower Upper
 168 100
 99 60.7 51.2 76.8

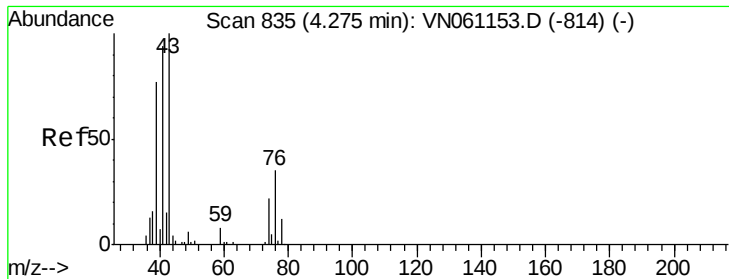


#16

Acetone
 Concen: 0.283 ug/l
 RT: 3.78 min Scan# 681
 Delta R.T. 0.01 min
 Lab File: VN061222.D
 Acq: 1 May 2020 11:47

Tgt Ion: 43 Resp: 4216
 Ion Ratio Lower Upper
 43 100
 58 26.9 22.2 33.2

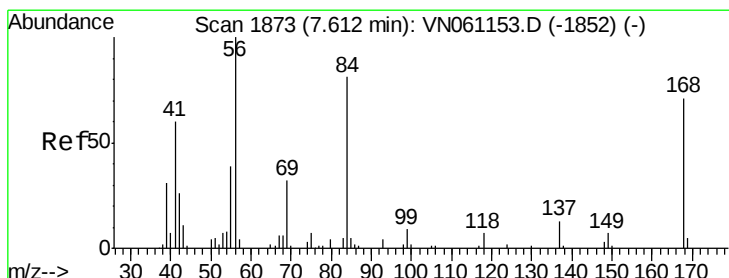
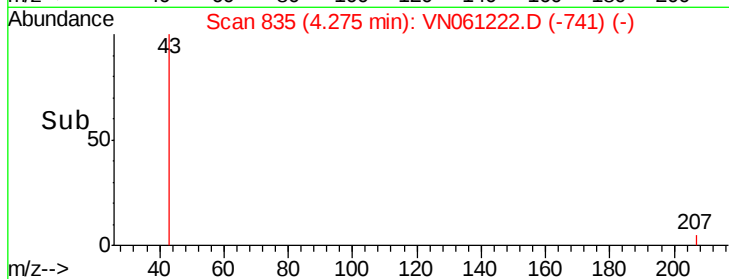
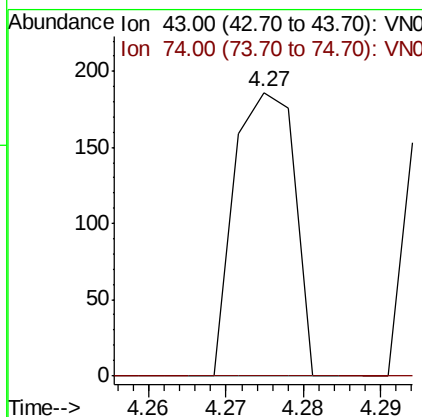
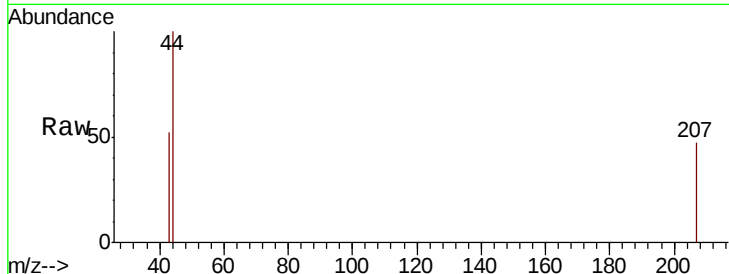




#18
Methvl Acetate
Concen: 0.721 ug/l
RT: 4.27 min Scan# 835
Delta R.T. 0.00 min
Lab File: VN061222.D
Acq: 1 May 2020 11:47

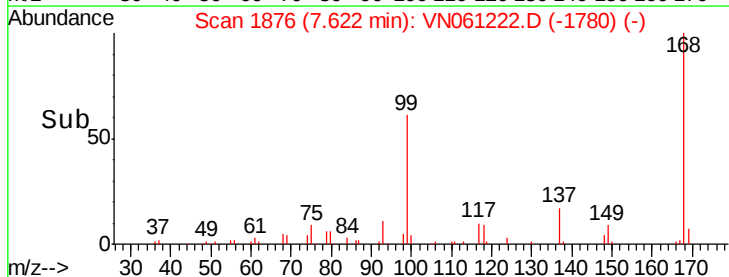
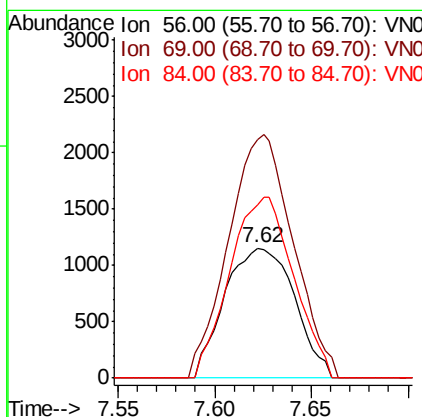
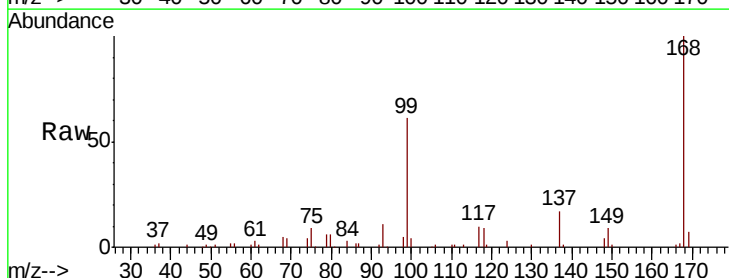
Instrument :
MSVOA_N
ClientSampleId :

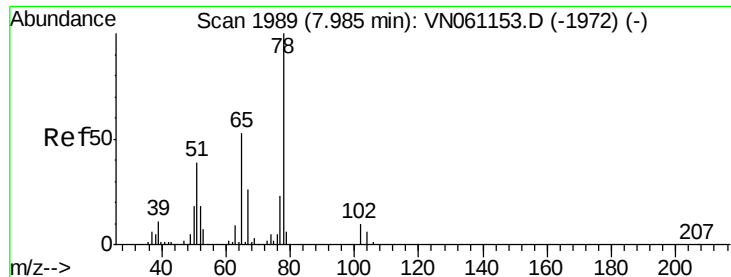
Tot Ion: 43 Resp: 100
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#



#31
Cyclohexane
Concen: 1.059 ug/l
RT: 7.62 min Scan# 1876
Delta R.T. 0.01 min
Lab File: VN061222.D
Acq: 1 May 2020 11:47

Tgt Ion: 56 Resp: 2895
Ion Ratio Lower Upper
56 100
69 183.4 25.7 38.5#
84 132.9 64.6 97.0#





#33

1,2-Dichloroethane-d4

Concen: 47.591 ug/l

RT: 7.99 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN061222.D

Acq: 1 May 2020 11:47

Instrument :

MSVOA_N

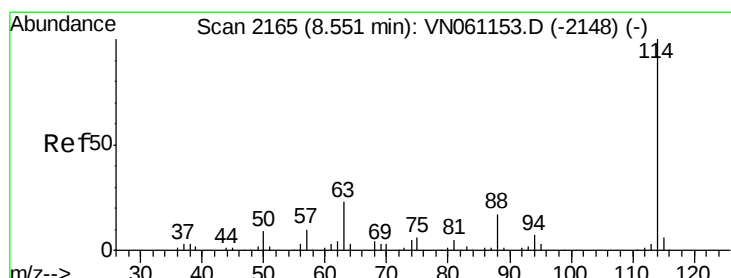
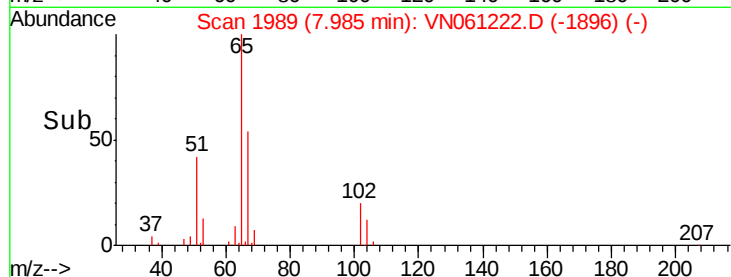
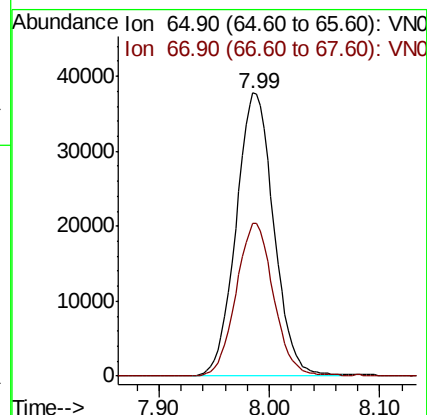
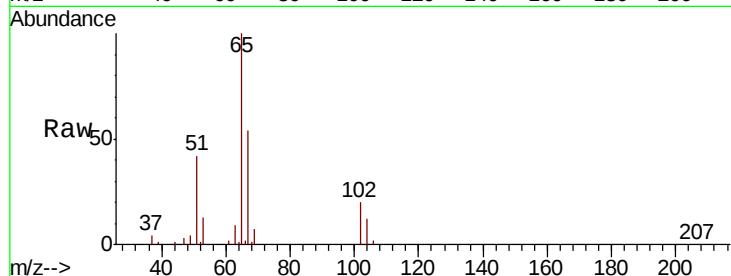
ClientSampleId :

Tot Ion: 65 Resp: 89430

Ion Ratio Lower Upper

65 100

67 53.6 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2164

Delta R.T. -0.00 min

Lab File: VN061222.D

Acq: 1 May 2020 11:47

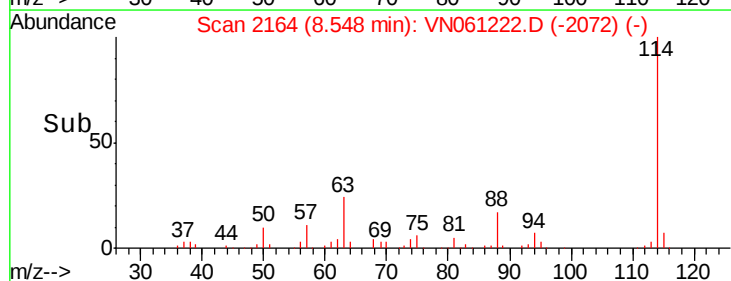
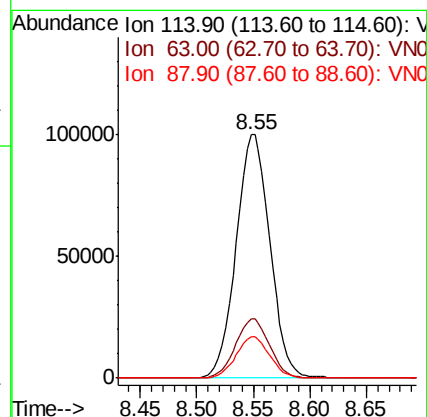
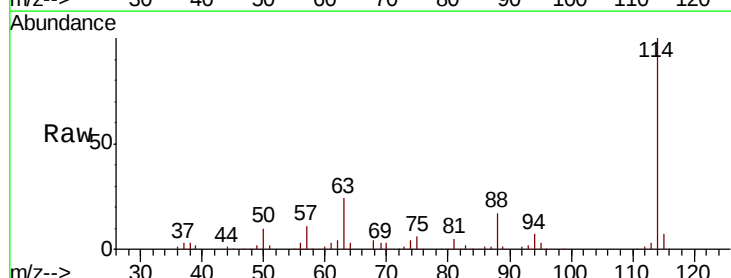
Tgt Ion: 114 Resp: 207828

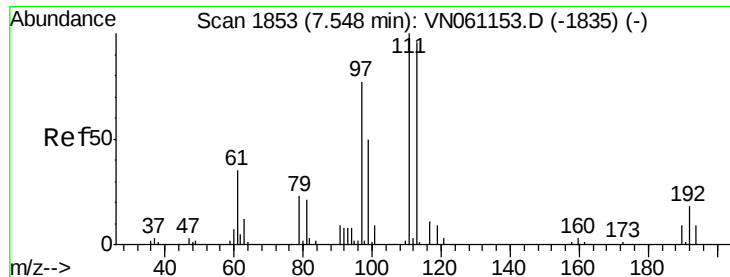
Ion Ratio Lower Upper

114 100

63 24.2 0.0 46.6

88 17.0 0.0 33.4

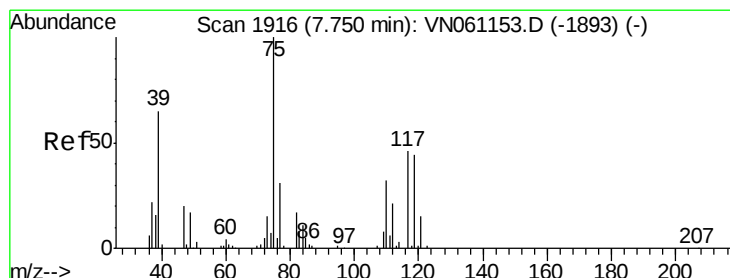
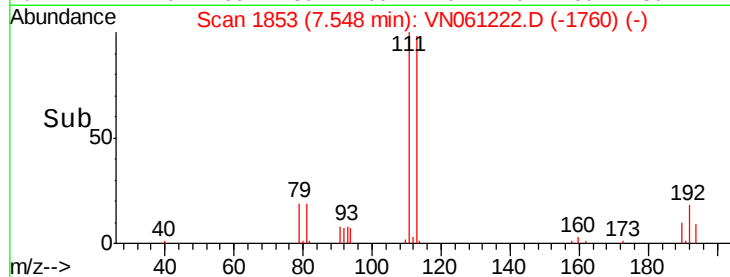
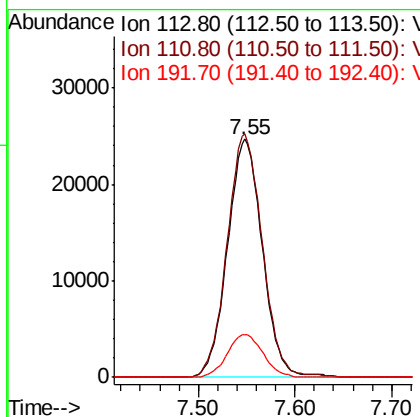
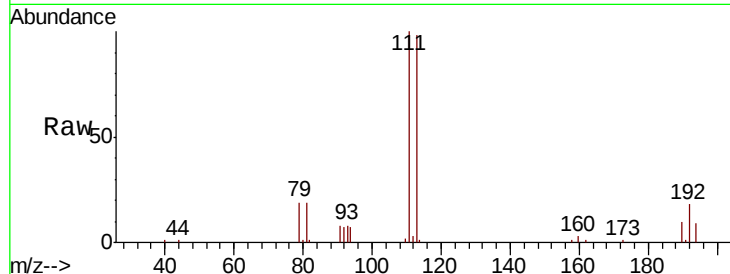




#35
 Dibromofluoromethane
 Concen: 50.191 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061222.D
 Acq: 1 May 2020 11:47

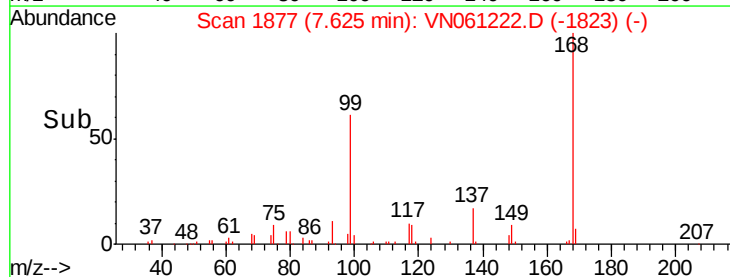
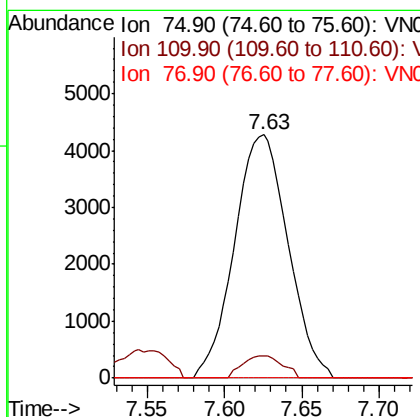
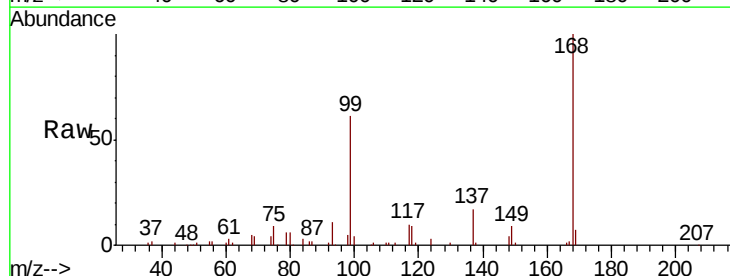
Instrument :
 MSVOA_N
 ClientSampleId :

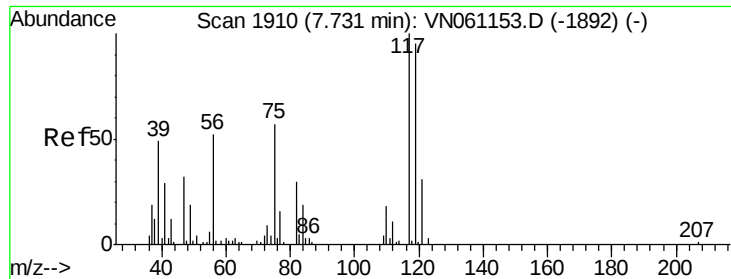
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.9	124.3
192	18.4	14.7	22.1



#36
 1,1-Dichloropropene
 Concen: 4.945 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.13 min
 Lab File: VN061222.D
 Acq: 1 May 2020 11:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.8	16.0	48.0#
77	0.0	24.6	37.0#

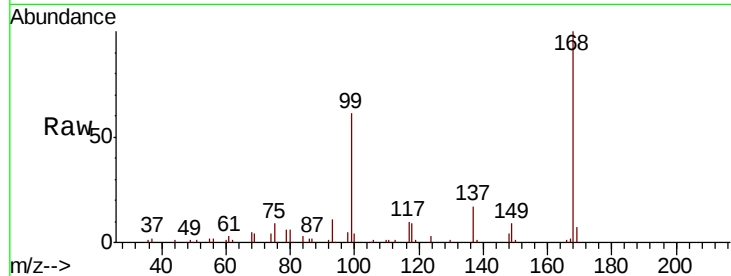




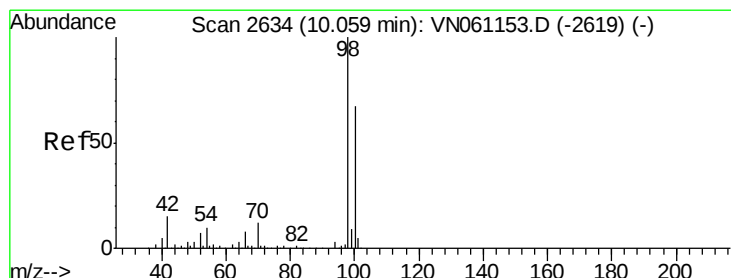
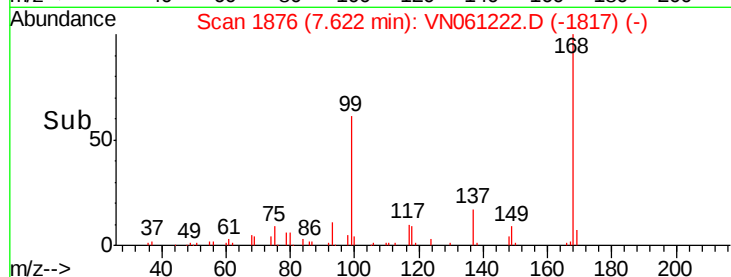
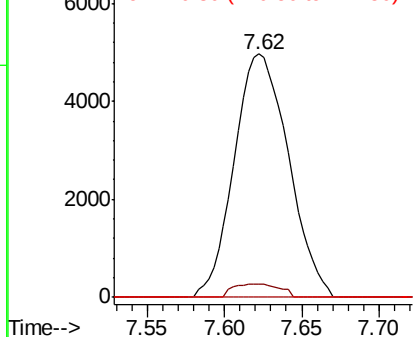
#38
Carbon Tetrachloride
Concen: 8.383 ug/l
RT: 7.62 min Scan# 1876
Delta R.T. -0.11 min
Lab File: VN061222.D
Acq: 1 May 2020 11:47

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 12126
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.6#
121 0.0 24.7 37.1#

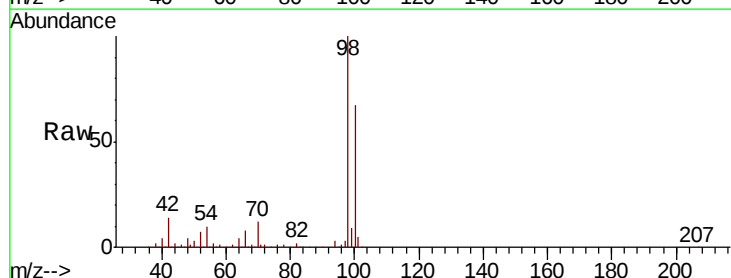


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

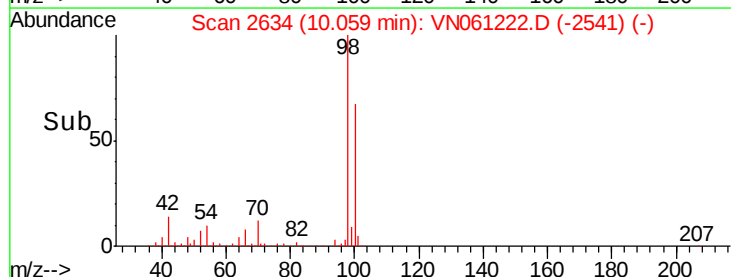
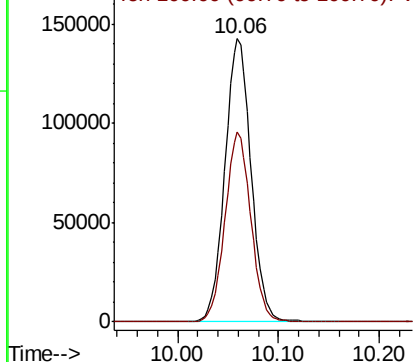


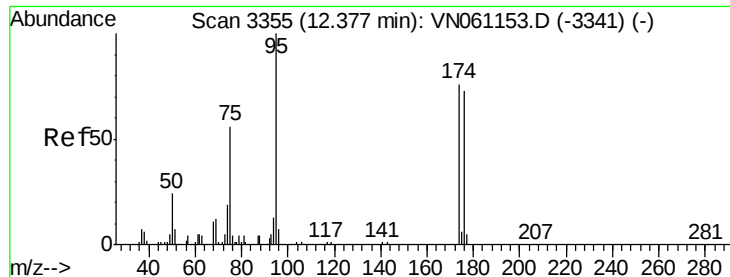
#50
Toluene-d8
Concen: 51.540 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061222.D
Acq: 1 May 2020 11:47

Tgt Ion: 98 Resp: 258204
Ion Ratio Lower Upper
98 100
100 66.3 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN

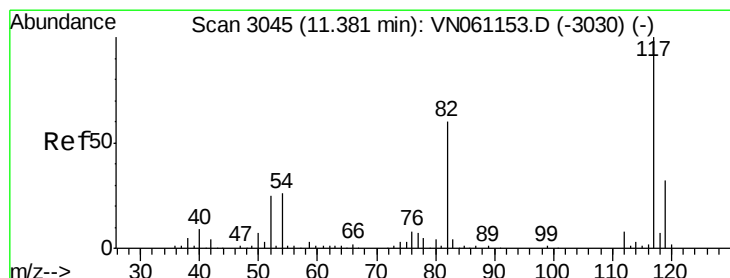
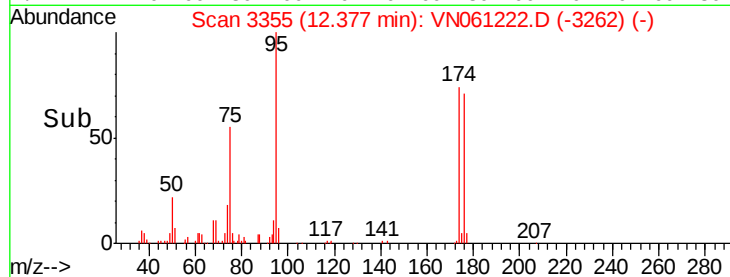
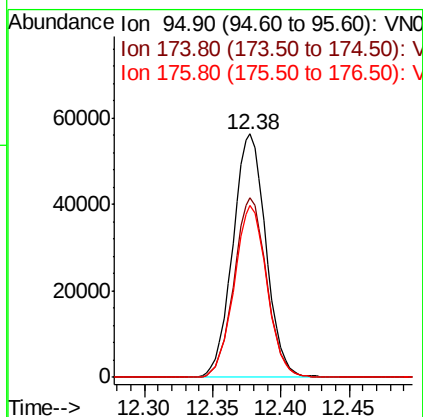
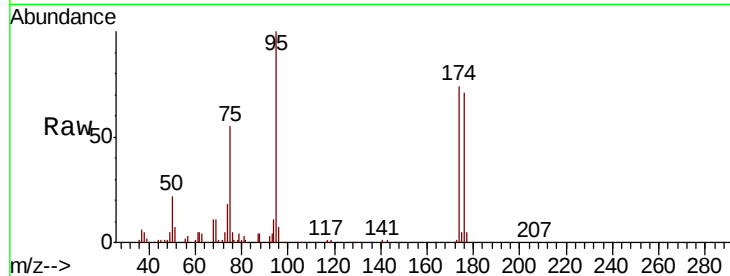




#62
4-Bromofluorobenzene
Concen: 50.326 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VN061222.D
Acq: 1 May 2020 11:47

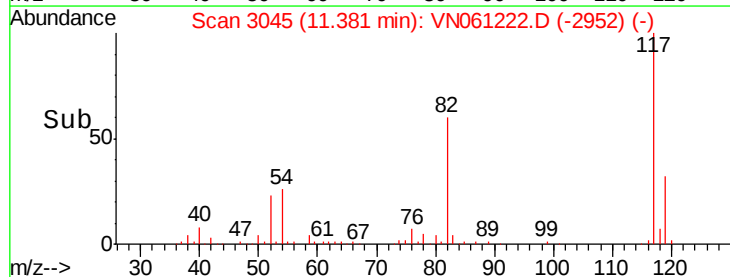
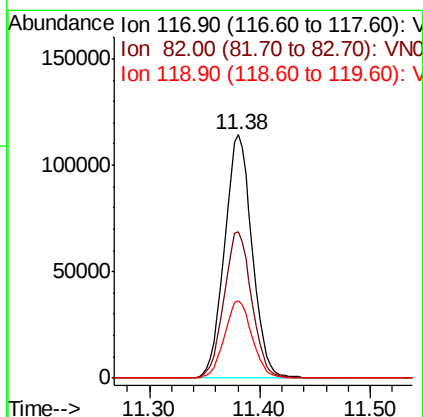
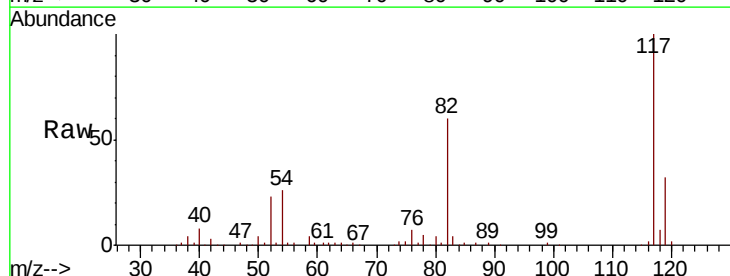
Instrument :
MSVOA_N
ClientSampled :

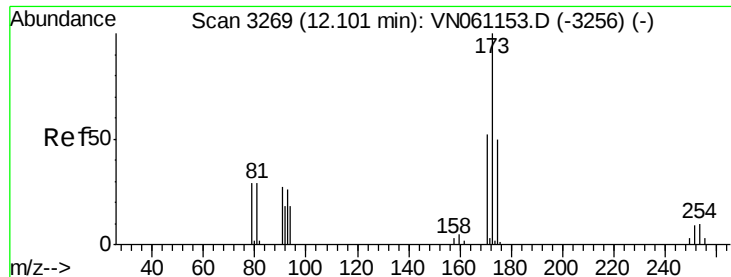
Tot Ion: 95 Resp: 94878
Ion Ratio Lower Upper
95 100
174 72.7 0.0 149.4
176 69.7 0.0 144.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061222.D
Acq: 1 May 2020 11:47

Tgt Ion: 117 Resp: 198261
Ion Ratio Lower Upper
117 100
82 60.2 47.8 71.8
119 31.8 25.8 38.6

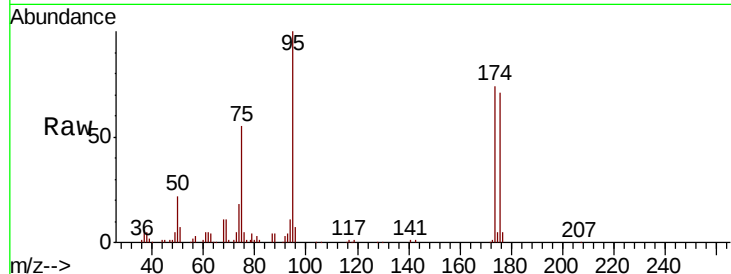




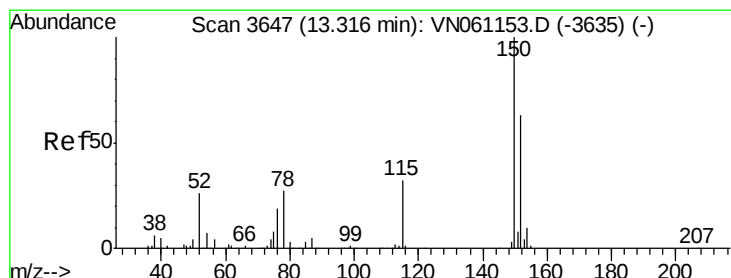
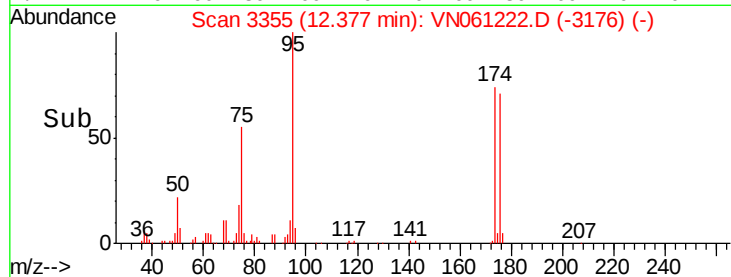
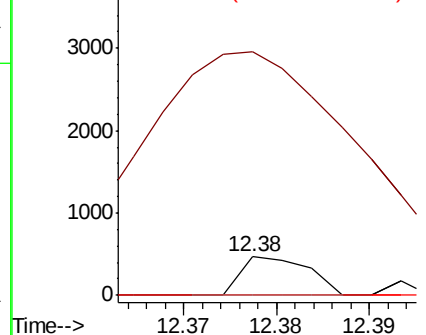
#71
Bromoform
Concen: 0.229 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. 0.28 min
Lab File: VN061222.D
Acq: 1 May 2020 11:47

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 237
Ion Ratio Lower Upper
173 100
175 1800.4 24.1 72.4#
254 0.0 0.0 0.0

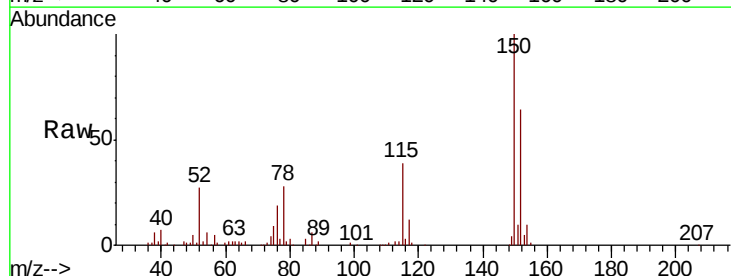


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

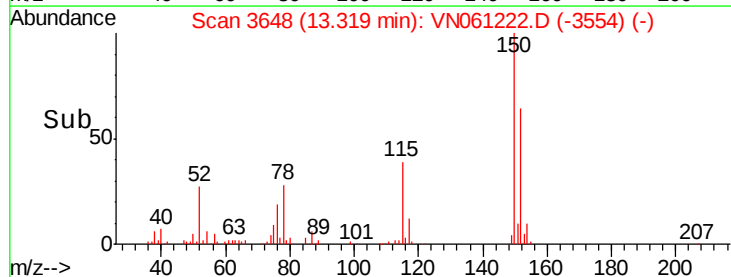
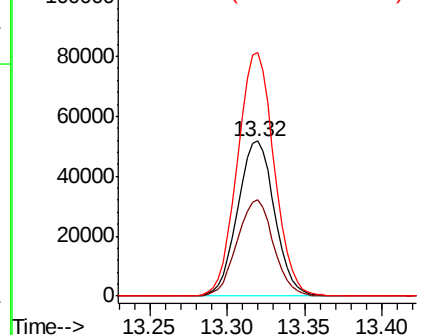


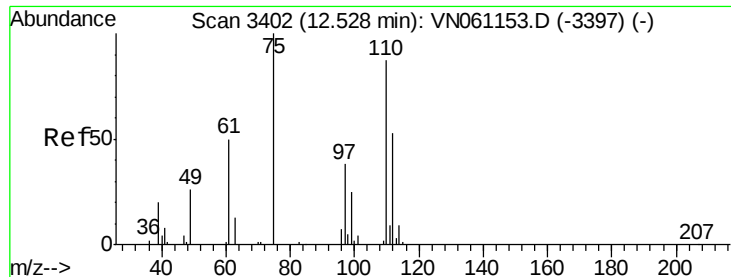
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061222.D
Acq: 1 May 2020 11:47

Tgt Ion:152 Resp: 85924
Ion Ratio Lower Upper
152 100
115 61.1 31.0 93.0
150 156.1 0.0 351.8



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

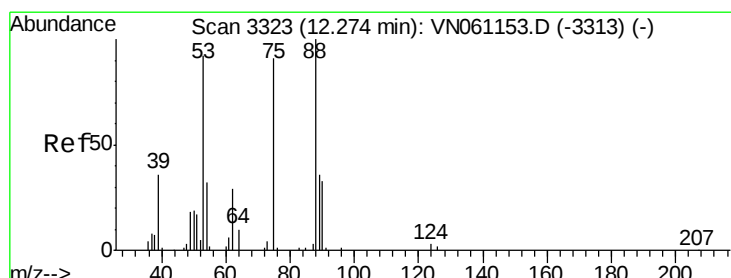
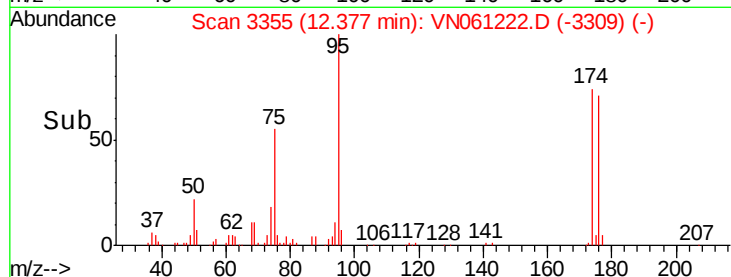
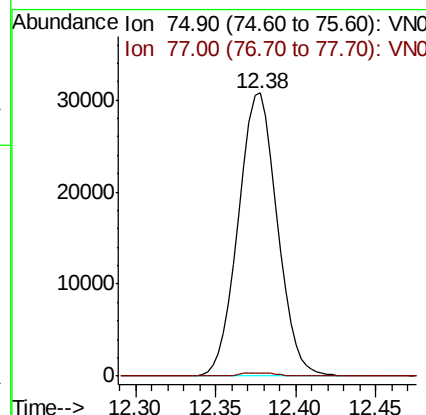
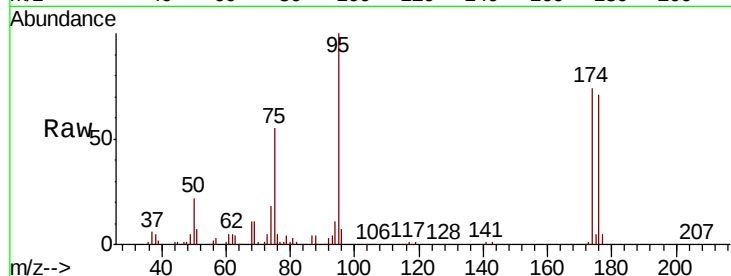




#76
 1,2,3-Trichloropropane
 Concen: 28.212 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. -0.15 min
 Lab File: VN061222.D
 Acq: 1 May 2020 11:47

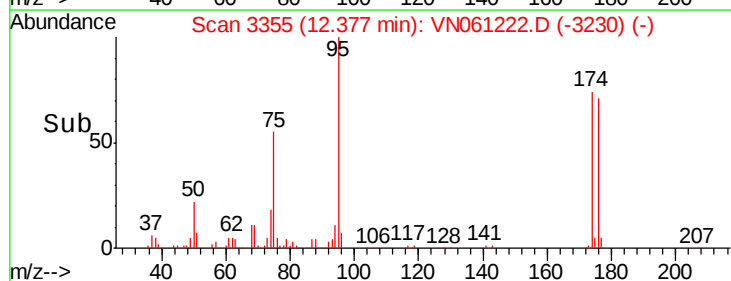
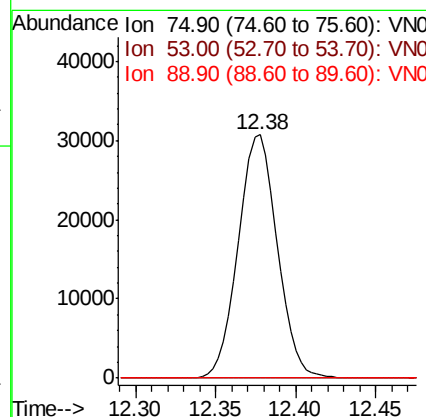
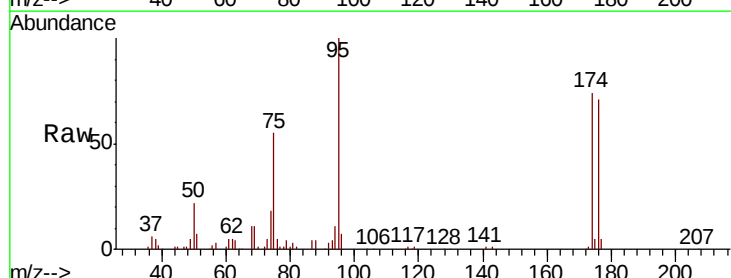
Instrument :
 MSVOA_N
 ClientSampleId :

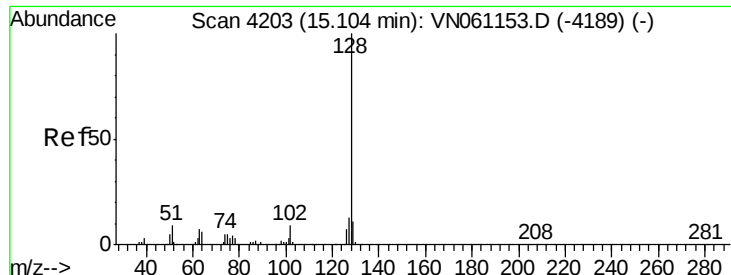
Tot Ion: 75 Resp: 51106
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.643 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.10 min
 Lab File: VN061222.D
 Acq: 1 May 2020 11:47

Tgt Ion: 75 Resp: 51106
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.1 126.1#
 89 0.0 35.2 52.8#





#95
Naphthalene
Concen: 0.227 ug/l
RT: 15.11 min Scan# 4205
Delta R.T. 0.01 min
Lab File: VN061222.D
Acq: 1 May 2020 11:47

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 1159
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.7 13.1#

