

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022421\
 Data File : VN065999.D
 Acq On : 24 Feb 2021 13:19
 Operator : JC/MD
 Sample : M1473-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 25 02:12:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

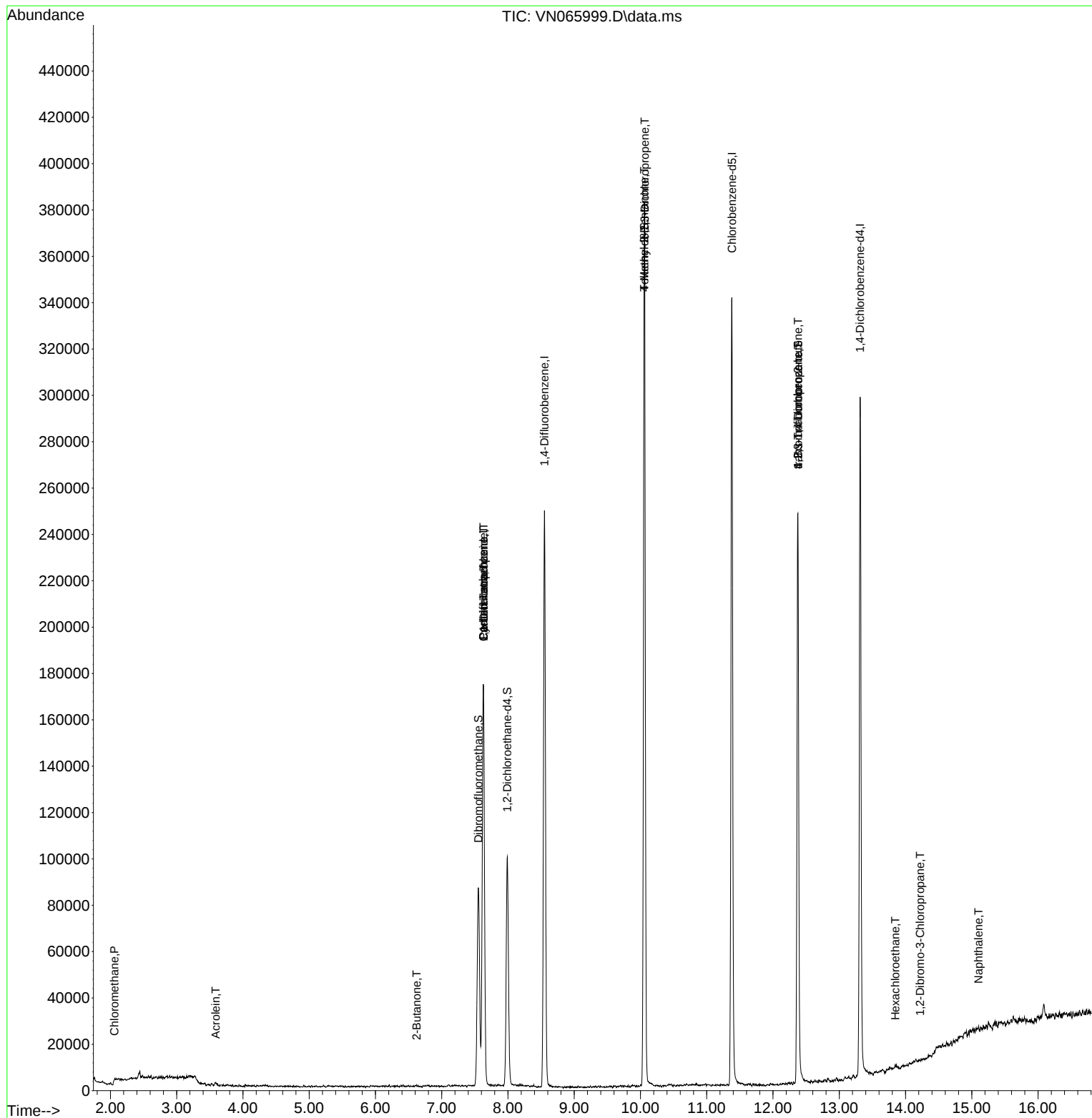
Internal Standards						
1) Pentafluorobenzene	7.627	168	140390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	228738	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	210858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	84379	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	90074	45.88	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.76%		
35) Dibromofluoromethane	7.553	113	69717	49.25	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.50%		
50) Toluene-d8	10.058	98	277470	47.75	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.50%		
62) 4-Bromofluorobenzene	12.376	95	99307	45.52	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.04%		
Target Compounds						
						Qvalue
3) Chloromethane	2.058	50	942	0.41	ug/l	90
13) Acrolein	3.589	56	1607	6.43	ug/l	98
16) Acetone	3.788	43	852	Below Cal	#	41
25) 2-Butanone	6.621	43	283	0.29	ug/l #	46
31) Cyclohexane	7.630	56	2481	0.85	ug/l #	1
36) 1,1-Dichloropropene	7.630	75	10982	4.87	ug/l #	48
38) Carbon Tetrachloride	7.630	117	14084	6.72	ug/l #	18
51) 4-Methyl-2-Pentanone	10.058	43	1206	0.61	ug/l #	1
53) t-1,3-Dichloropropene	10.064	75	29	1.99	ug/l #	69
76) 1,2,3-Trichloropropane	12.376	75	50238	24.78	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	50238	78.99	ug/l #	12
90) Hexachloroethane	13.846	117	502	0.52	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.219	75	231	1.41	ug/l #	1
95) Naphthalene	15.100	128	61	3.07	ug/l #	69

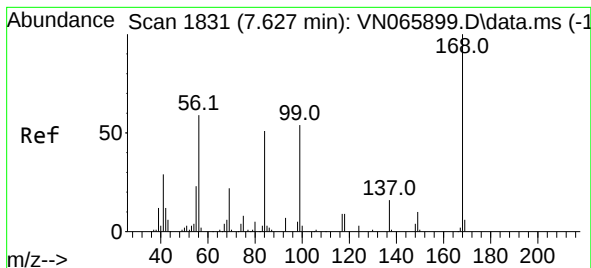
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.627 min Scan# 1831

Delta R.T. 0.000 min

Lab File: VN065999.D

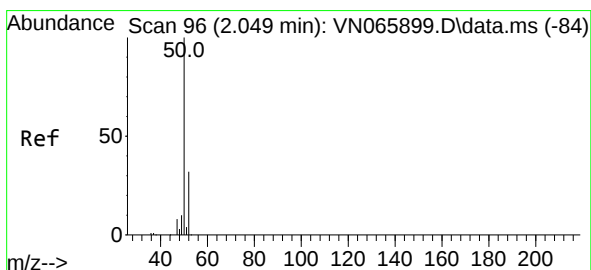
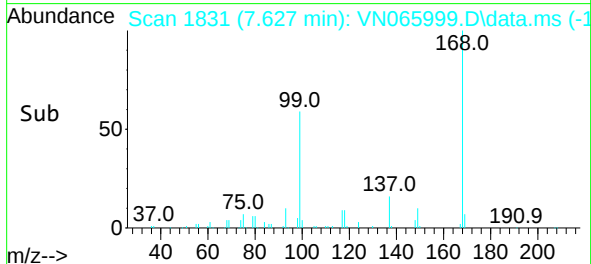
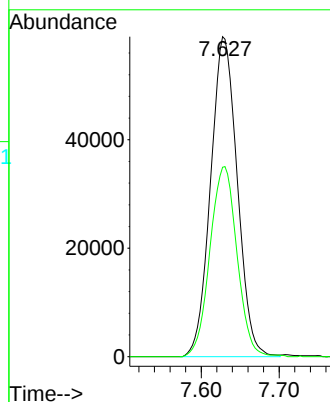
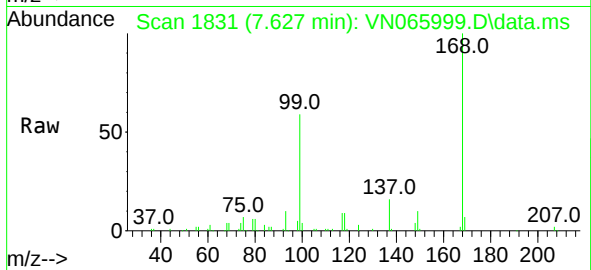
Acq: 24 Feb 2021 13:19

Tgt Ion:168 Resp: 140390

Ion Ratio Lower Upper

168 100

99 59.2 42.6 63.8



#3

Chloromethane

Concen: 0.41 ug/l

RT: 2.058 min Scan# 99

Delta R.T. 0.009 min

Lab File: VN065999.D

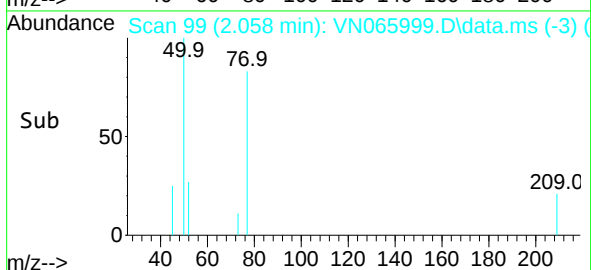
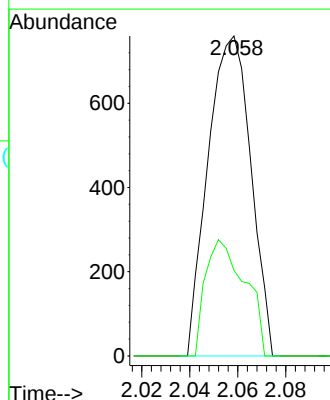
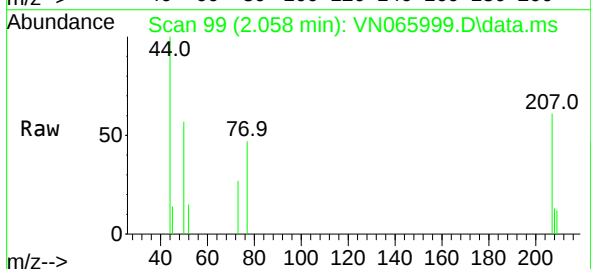
Acq: 24 Feb 2021 13:19

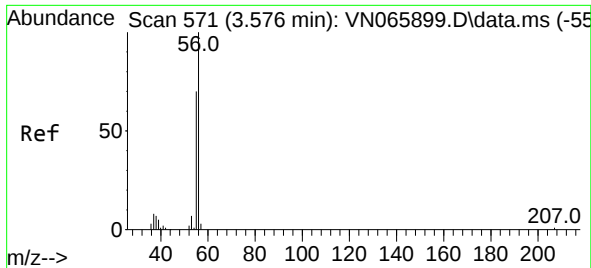
Tgt Ion: 50 Resp: 942

Ion Ratio Lower Upper

50 100

52 26.7 25.8 38.8

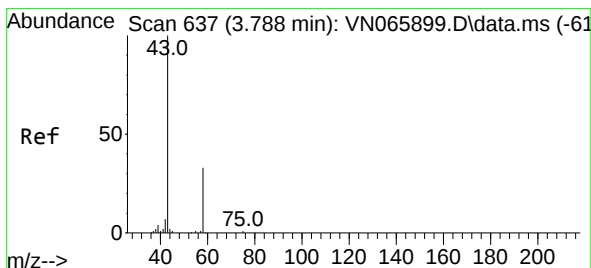
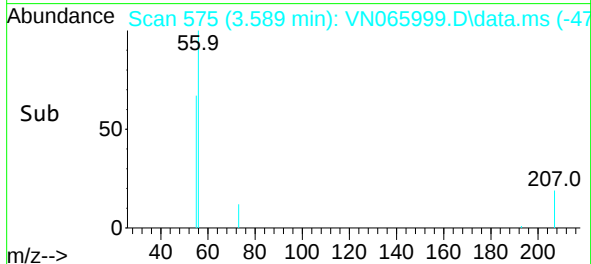
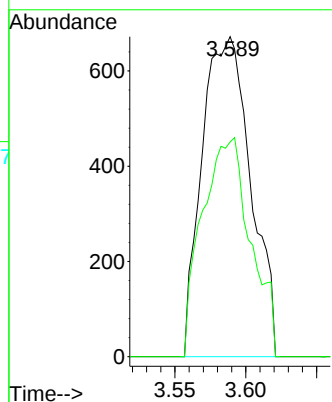
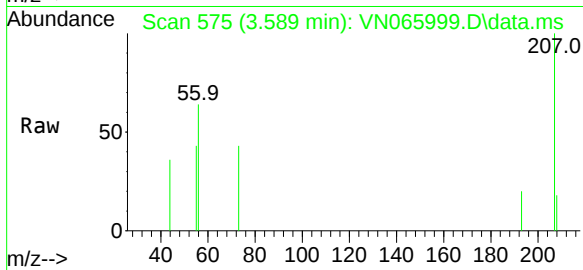




#13
Acrolein
Concen: 6.43 ug/l
RT: 3.589 min Scan# 575
Delta R.T. 0.013 min
Lab File: VN065999.D
Acq: 24 Feb 2021 13:19

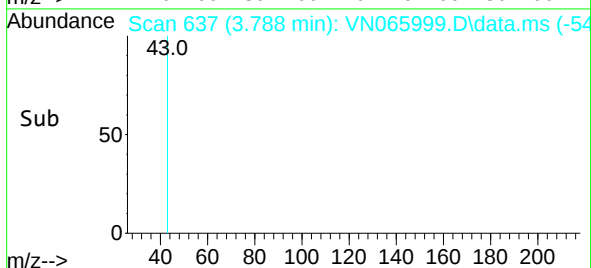
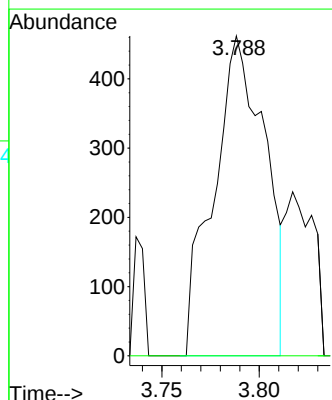
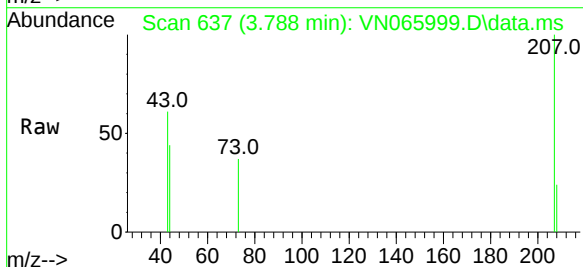
Instrument :
MSVOA_N
ClientSampleId :

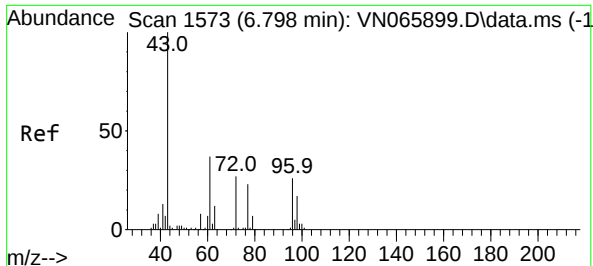
Tgt Ion: 56 Resp: 1607
Ion Ratio Lower Upper
56 100
55 68.0 56.0 84.0



#16
Acetone
Concen: Below Cal
RT: 3.788 min Scan# 637
Delta R.T. 0.000 min
Lab File: VN065999.D
Acq: 24 Feb 2021 13:19

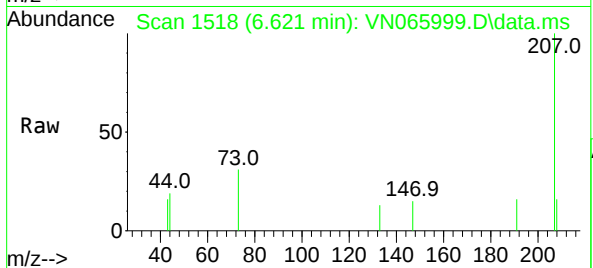
Tgt Ion: 43 Resp: 852
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#



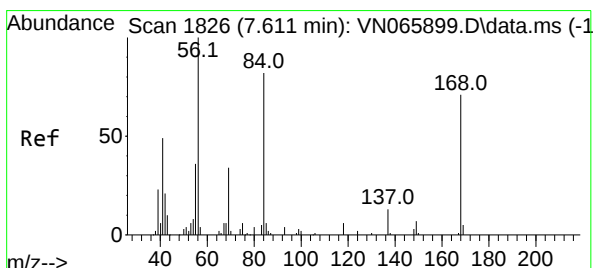
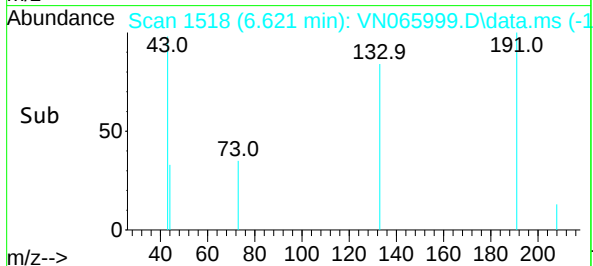
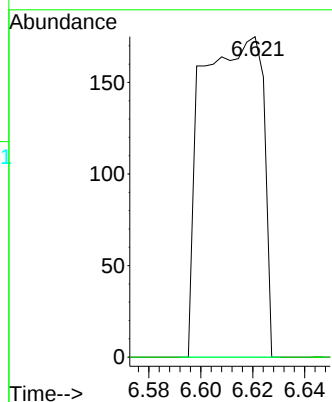


#25
2-Butanone
Concen: 0.29 ug/l
RT: 6.621 min Scan# 1518
Delta R.T. -0.177 min
Lab File: VN065999.D
Acq: 24 Feb 2021 13:19

Instrument :
MSVOA_N
ClientSampled :

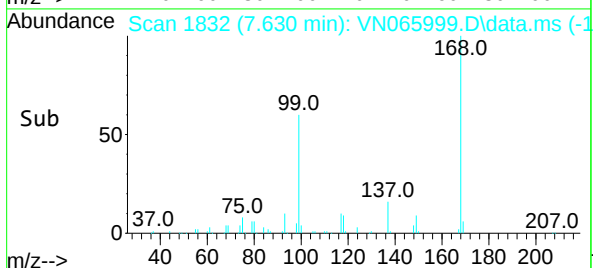
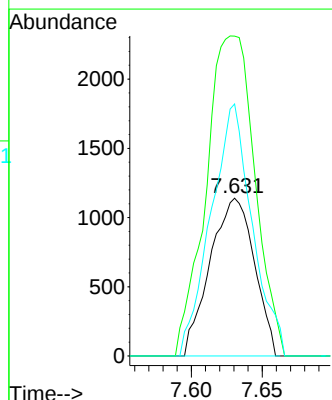
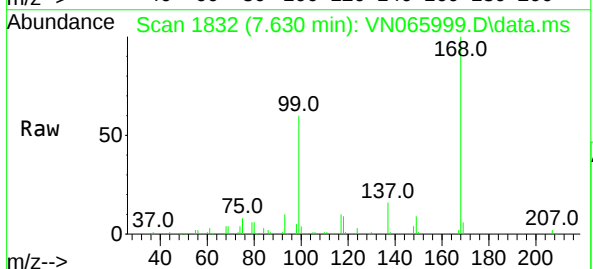


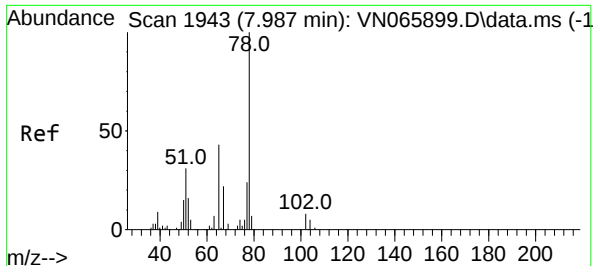
Tgt Ion: 43 Resp: 283
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#



#31
Cyclohexane
Concen: 0.85 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.019 min
Lab File: VN065999.D
Acq: 24 Feb 2021 13:19

Tgt Ion: 56 Resp: 2481
Ion Ratio Lower Upper
56 100
69 189.5 26.6 39.8#
84 159.7 70.4 105.6#

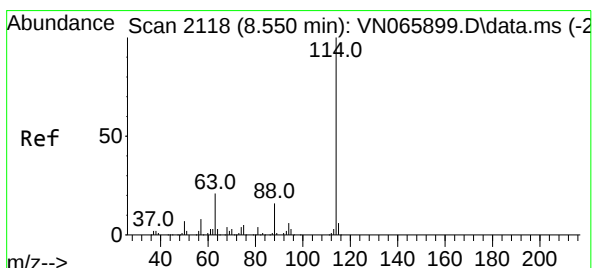
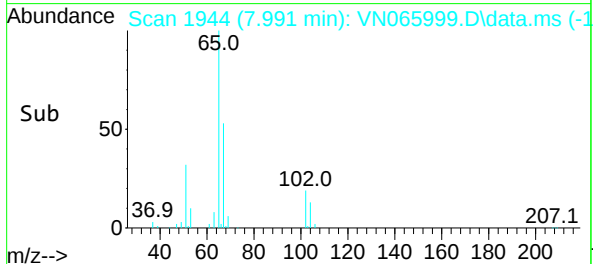
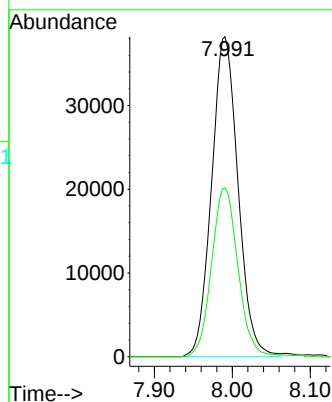
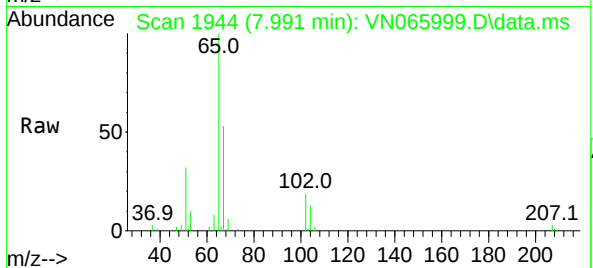




#33
1,2-Dichloroethane-d4
Concen: 45.88 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN065999.D
Acq: 24 Feb 2021 13:19

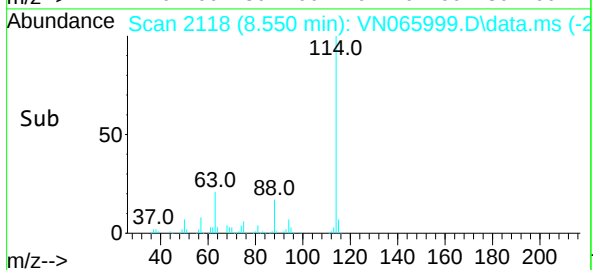
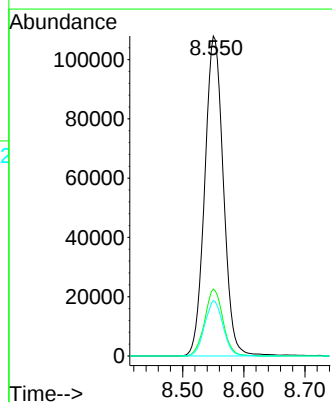
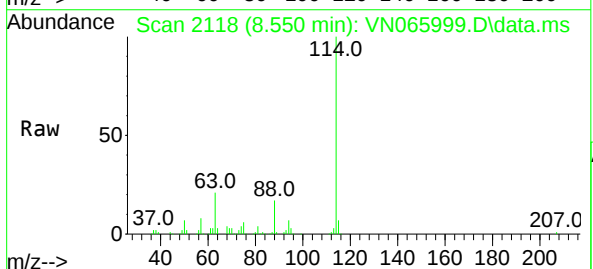
Instrument :
MSVOA_N
ClientSampled :

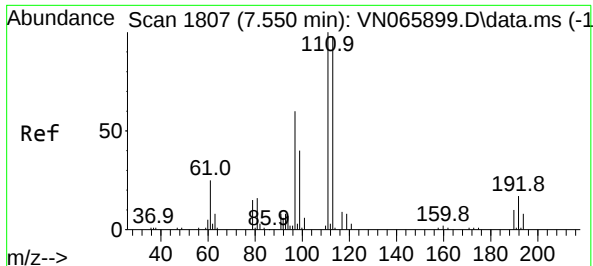
Tgt Ion: 65 Resp: 90074
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065999.D
Acq: 24 Feb 2021 13:19

Tgt Ion: 114 Resp: 228738
Ion Ratio Lower Upper
114 100
63 20.9 0.0 38.6
88 17.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.25 ug/l

RT: 7.553 min Scan# 1808

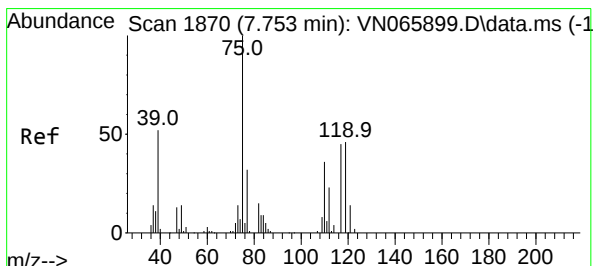
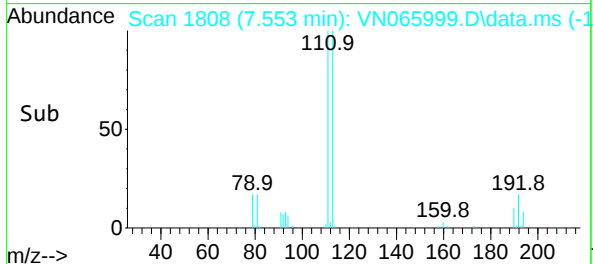
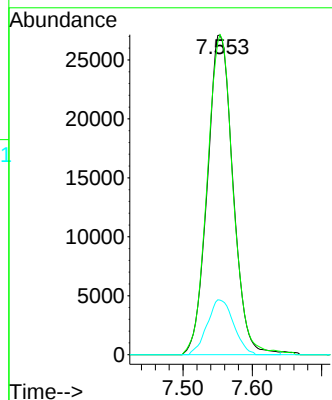
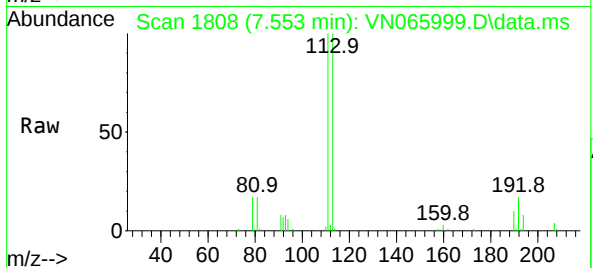
Delta R.T. 0.003 min

Lab File: VN065999.D

Acq: 24 Feb 2021 13:19

Tgt Ion:	113	Resp:	69717
Ion	Ratio	Lower	Upper
113	100		
111	100.1	82.2	123.2
192	17.7	15.4	23.0

Instrument :
MSVOA_N
ClientSampled :



#36

1,1-Dichloropropene

Concen: 4.87 ug/l

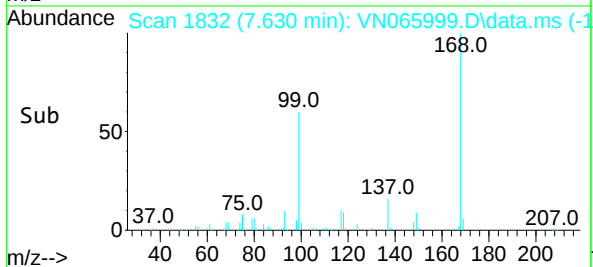
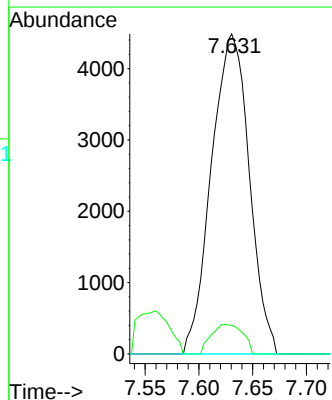
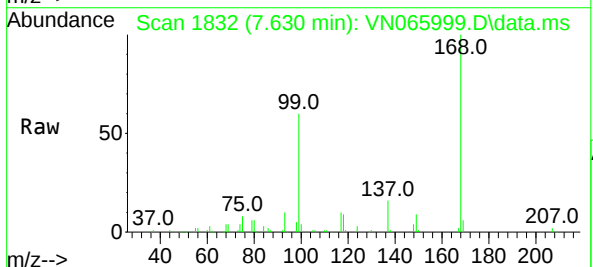
RT: 7.630 min Scan# 1832

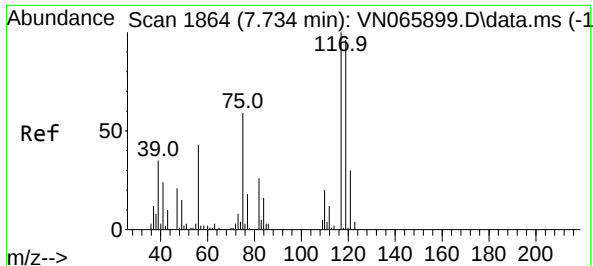
Delta R.T. -0.123 min

Lab File: VN065999.D

Acq: 24 Feb 2021 13:19

Tgt Ion:	75	Resp:	10982
Ion	Ratio	Lower	Upper
75	100		
110	7.7	18.2	54.6#
77	0.0	24.9	37.3#

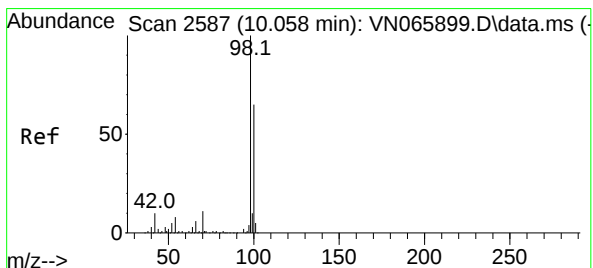
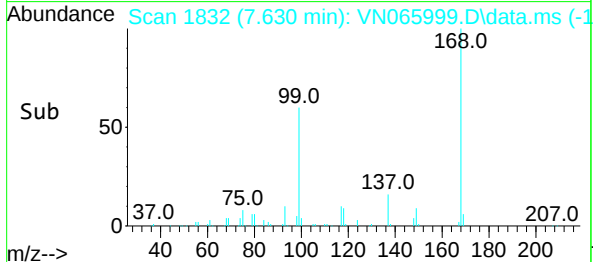
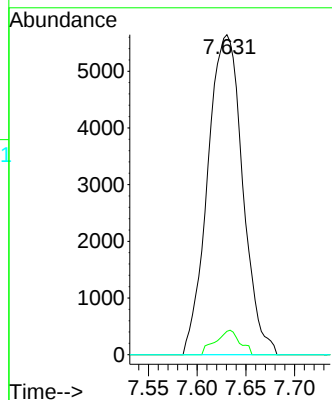
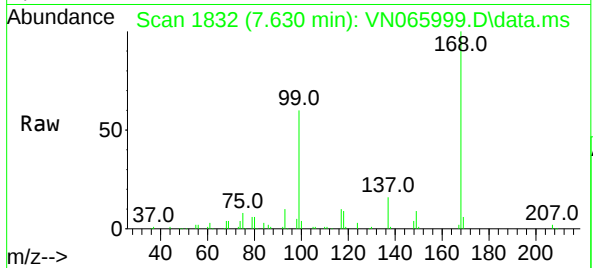




#38
Carbon Tetrachloride
Concen: 6.72 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.104 min
Lab File: VN065999.D
Acq: 24 Feb 2021 13:19

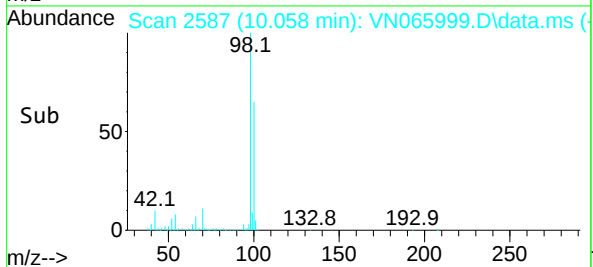
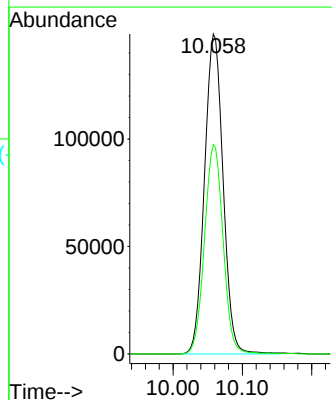
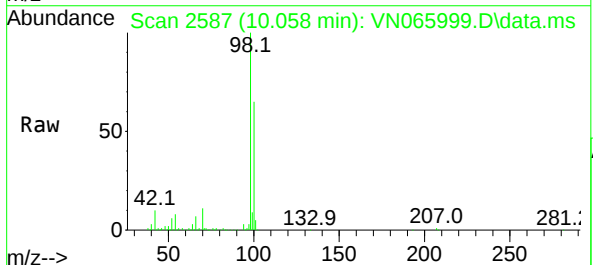
Instrument :
MSVOA_N
ClientSampleId :

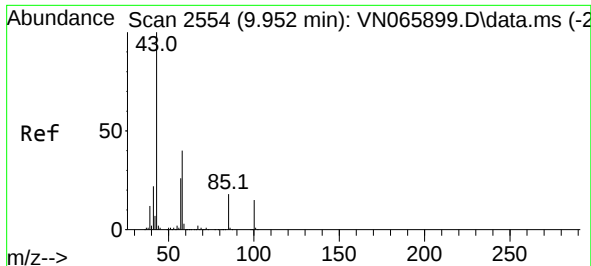
Tgt Ion:117 Resp: 14084
Ion Ratio Lower Upper
117 100
119 7.3 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 47.75 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065999.D
Acq: 24 Feb 2021 13:19

Tgt Ion: 98 Resp: 277470
Ion Ratio Lower Upper
98 100
100 65.2 50.5 75.7

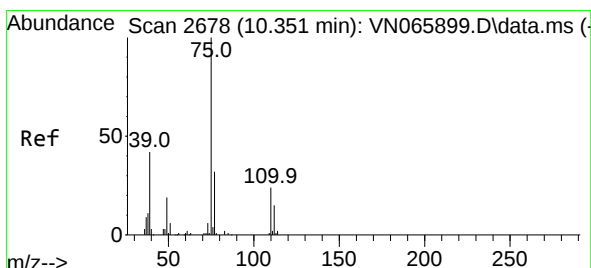
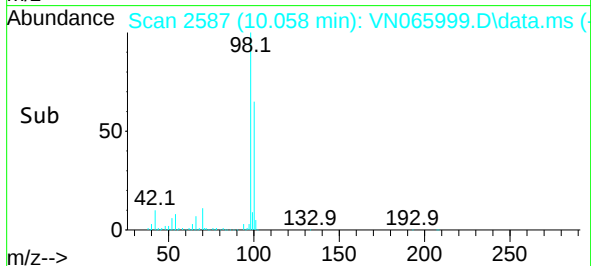
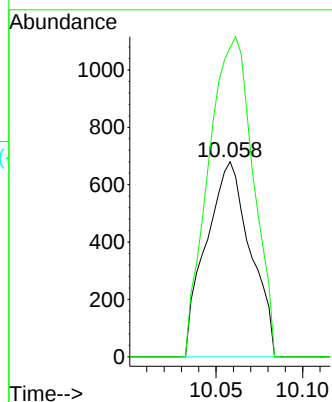
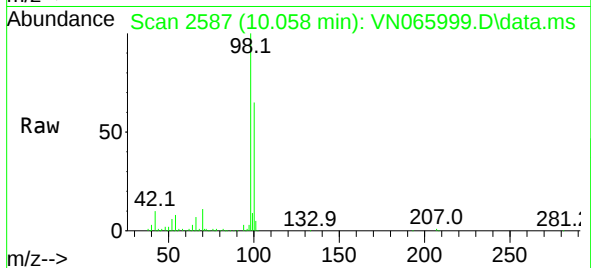




#51
4-Methyl-2-Pentanone
Concen: 0.61 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.106 min
Lab File: VN065999.D
Acq: 24 Feb 2021 13:19

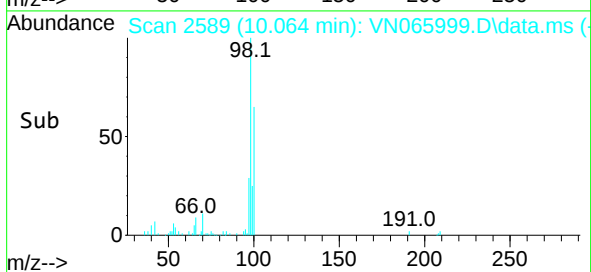
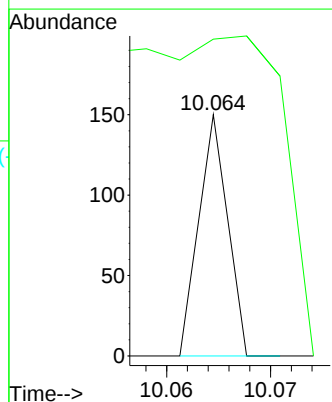
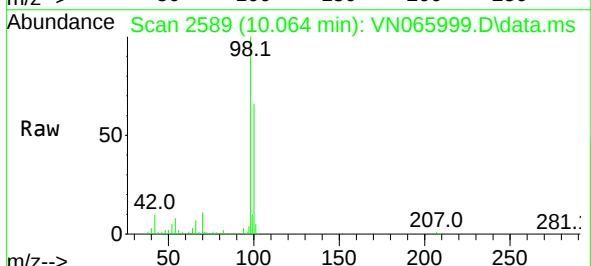
Instrument :
MSVOA_N
ClientSampled :

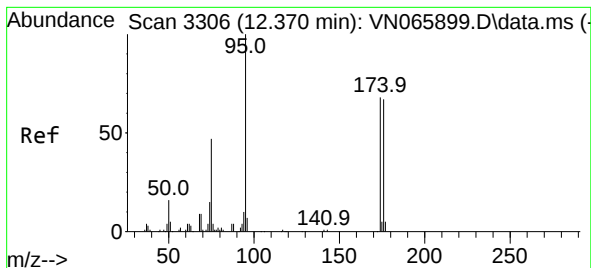
Tgt Ion: 43 Resp: 1206
Ion Ratio Lower Upper
43 100
58 166.1 32.5 48.7#



#53
t-1,3-Dichloropropene
Concen: 1.99 ug/l
RT: 10.064 min Scan# 2589
Delta R.T. -0.287 min
Lab File: VN065999.D
Acq: 24 Feb 2021 13:19

Tgt Ion: 75 Resp: 29
Ion Ratio Lower Upper
75 100
77 15.3 26.2 39.4#

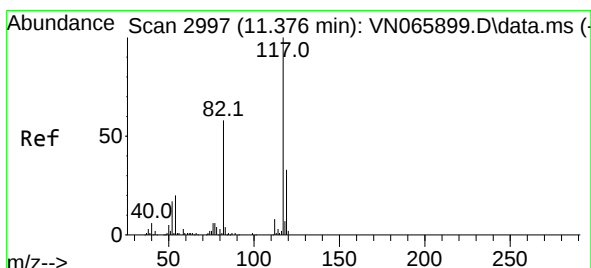
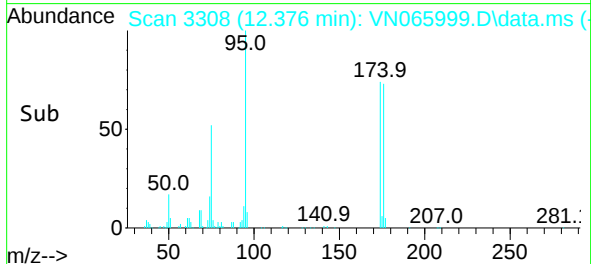
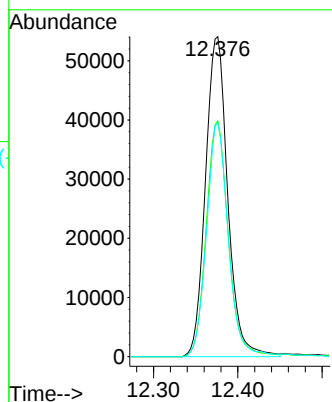
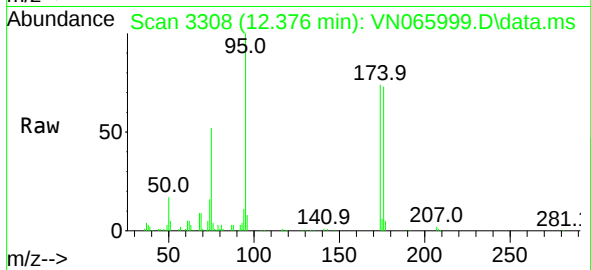




#62
4-Bromofluorobenzene
Concen: 45.52 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.006 min
Lab File: VN065999.D
Acq: 24 Feb 2021 13:19

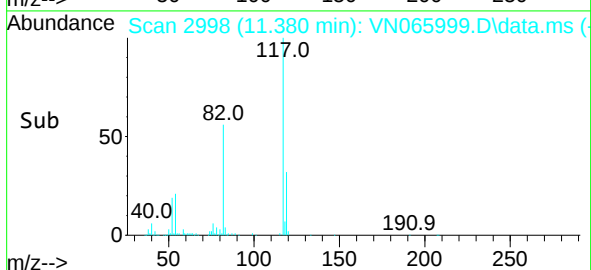
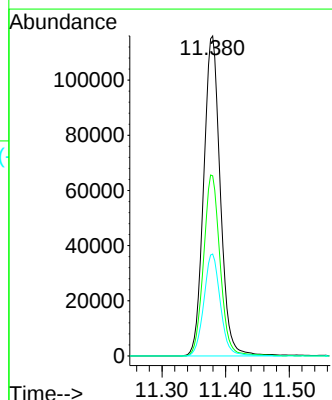
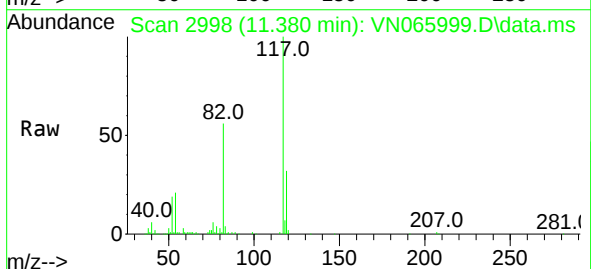
Instrument :
MSVOA_N
ClientSampleId :

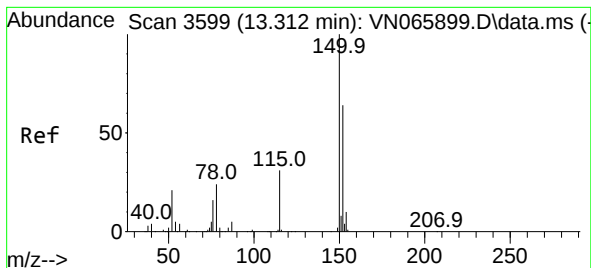
Tgt Ion: 95 Resp: 99307
Ion Ratio Lower Upper
95 100
174 73.0 0.0 169.0
176 72.1 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. 0.004 min
Lab File: VN065999.D
Acq: 24 Feb 2021 13:19

Tgt Ion: 117 Resp: 210858
Ion Ratio Lower Upper
117 100
82 56.3 43.7 65.5
119 31.8 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.315 min Scan# 3600

Delta R.T. 0.003 min

Lab File: VN065999.D

Acq: 24 Feb 2021 13:19

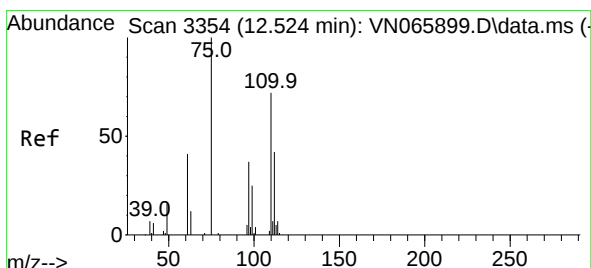
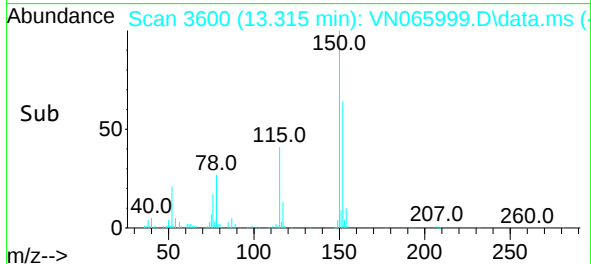
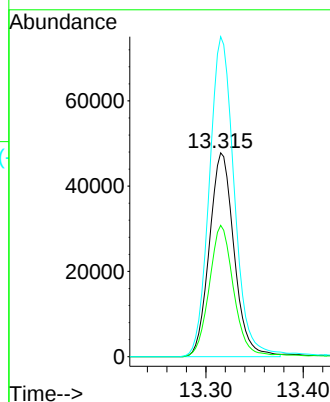
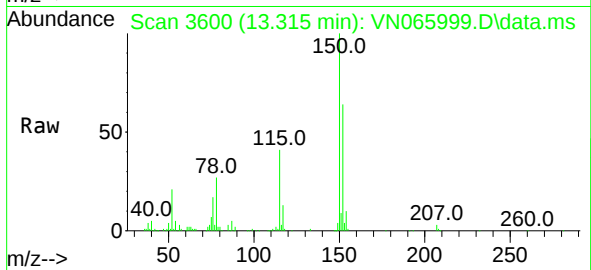
Tgt Ion:152 Resp: 84379

Ion Ratio Lower Upper

152 100

115 63.2 28.5 85.6

150 158.7 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 24.78 ug/l

RT: 12.376 min Scan# 3308

Delta R.T. -0.148 min

Lab File: VN065999.D

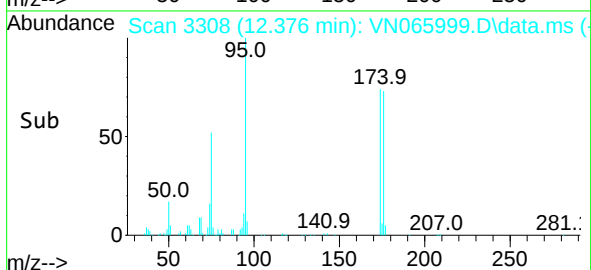
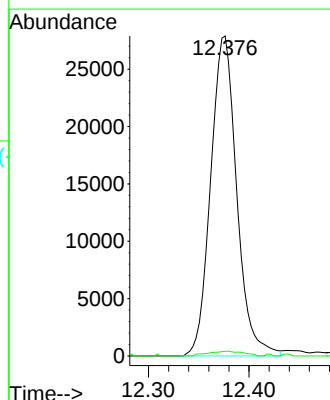
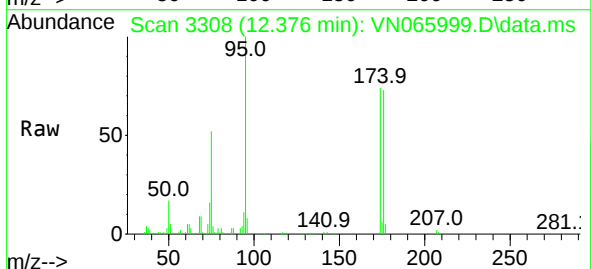
Acq: 24 Feb 2021 13:19

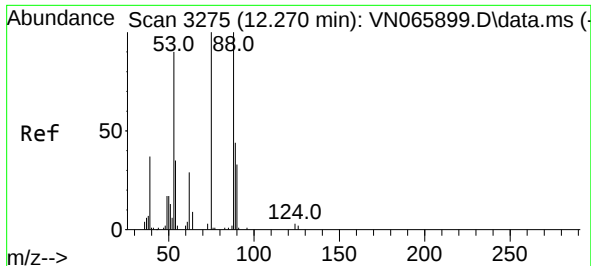
Tgt Ion: 75 Resp: 50238

Ion Ratio Lower Upper

75 100

77 2.0 0.0 0.0#

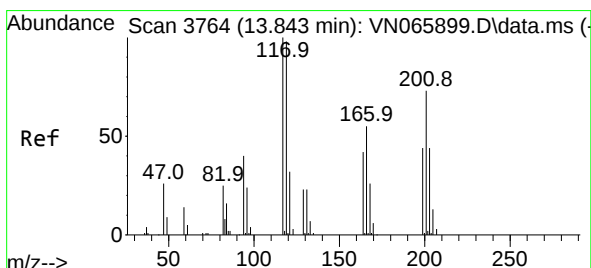
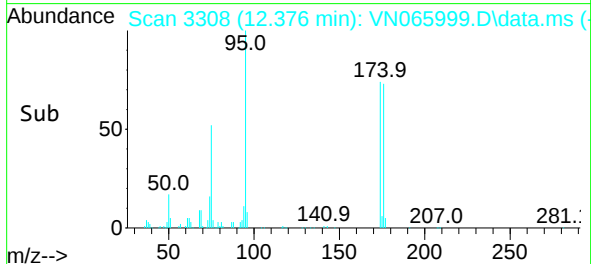
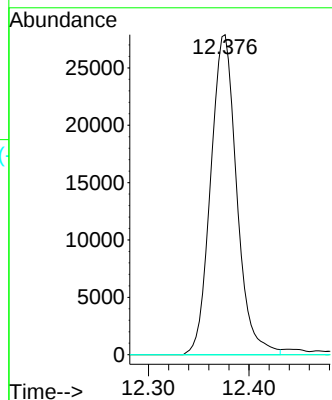
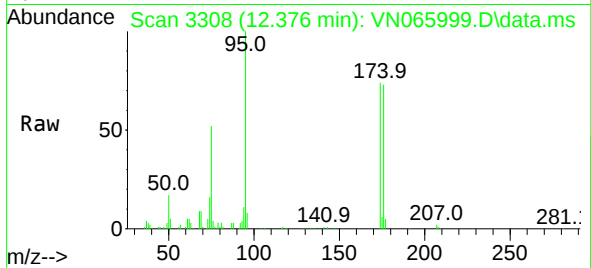




#81
trans-1,4-Dichloro-2-butene
Concen: 78.99 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.106 min
Lab File: VN065999.D
Acq: 24 Feb 2021 13:19

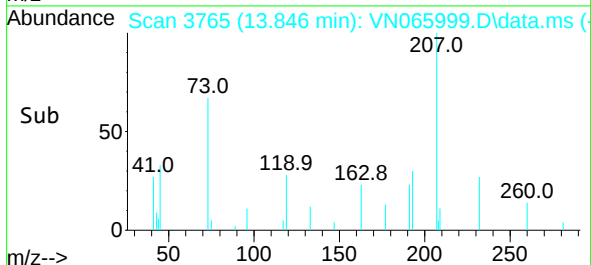
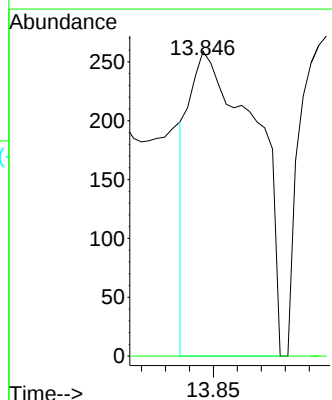
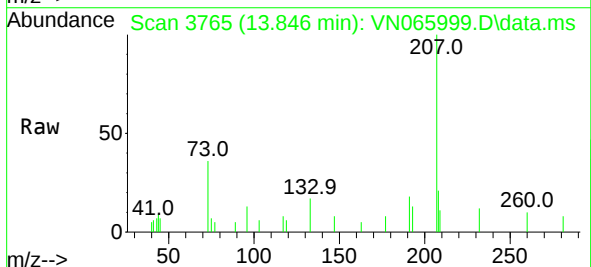
Instrument :
MSVOA_N
ClientSampleId :

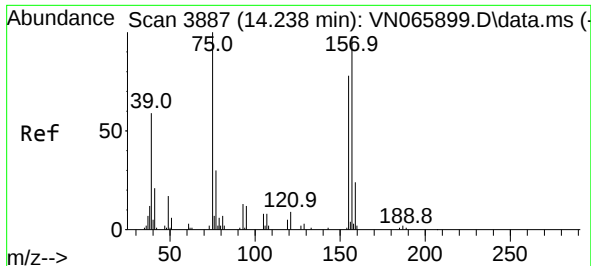
Tgt Ion: 75 Resp: 50238
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#90
Hexachloroethane
Concen: 0.52 ug/l
RT: 13.846 min Scan# 3765
Delta R.T. 0.003 min
Lab File: VN065999.D
Acq: 24 Feb 2021 13:19

Tgt Ion: 117 Resp: 502
Ion Ratio Lower Upper
117 100
201 0.0 37.8 113.3#

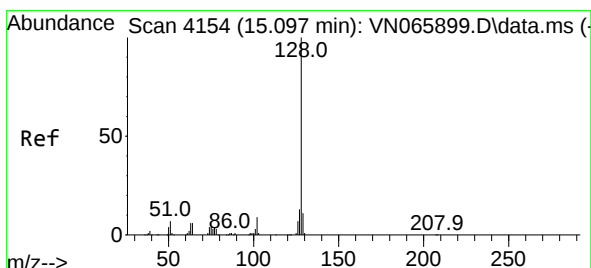
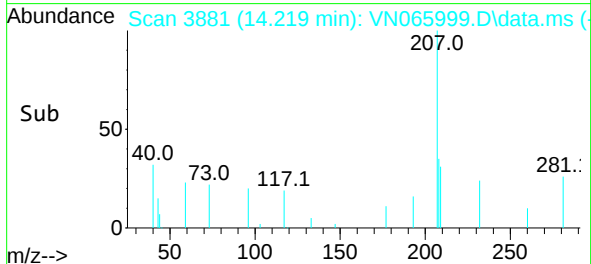
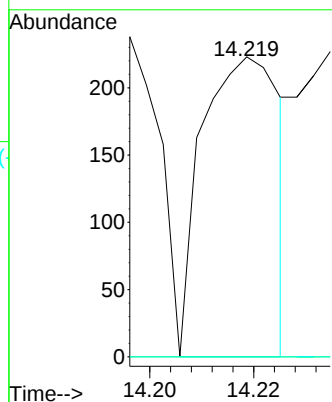
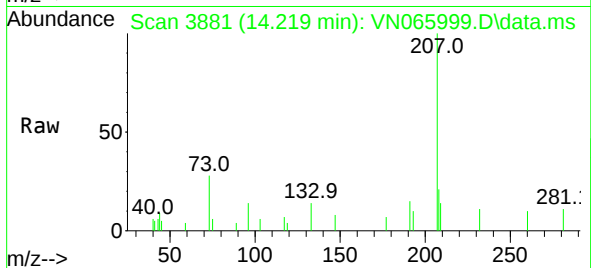




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.41 ug/l
RT: 14.219 min Scan# 3881
Delta R.T. -0.019 min
Lab File: VN065999.D
Acq: 24 Feb 2021 13:19

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 231
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#



#95
Naphthalene
Concen: 3.07 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.003 min
Lab File: VN065999.D
Acq: 24 Feb 2021 13:19

Tgt Ion:128 Resp: 61
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

