

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020521\
 Data File : VN065737.D
 Acq On : 5 Feb 2021 14:52
 Operator : JC/MD
 Sample : M1288-22
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

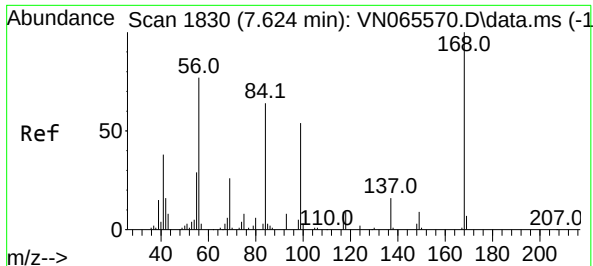
Instrument :
 MSVOA_N
 ClientSampleId :
 152140-FD-01

Quant Time: Feb 05 22:48:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	189709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	319845	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	279120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	98754	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	113682	45.55	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.10%		
35) Dibromofluoromethane	7.550	113	91495	48.27	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.54%		
50) Toluene-d8	10.058	98	397709	53.38	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.76%		
62) 4-Bromofluorobenzene	12.373	95	125090	46.63	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.26%		
Target Compounds					Qvalue	
16) Acetone	3.775	43	450	0.46	ug/l #	41
31) Cyclohexane	7.624	56	3395	0.72	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	14095	4.38	ug/l #	48
38) Carbon Tetrachloride	7.624	117	17577	6.63	ug/l #	17
51) 4-Methyl-2-Pentanone	10.055	43	1525	0.51	ug/l #	1
60) Dibromochloromethane	10.601	129	2113	0.93	ug/l #	11
64) Tetrachloroethene	10.601	164	2058	0.88	ug/l	96
76) 1,2,3-Trichloropropane	12.373	75	57181	22.14	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	57181	56.72	ug/l #	12

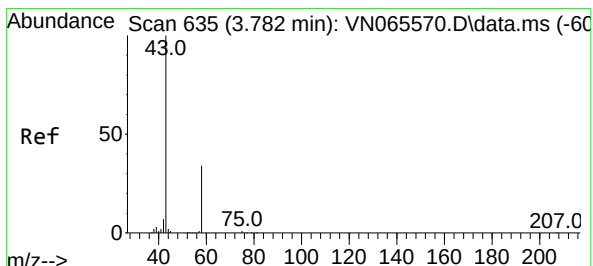
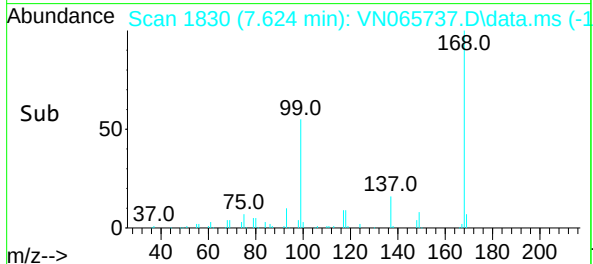
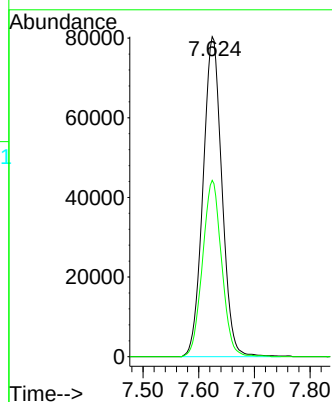
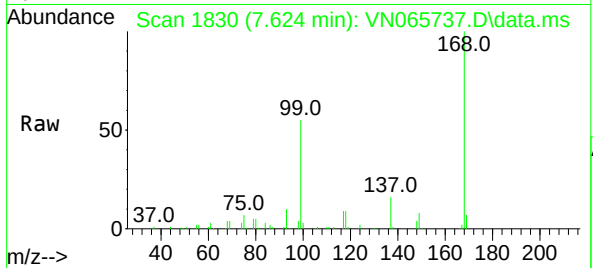
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065737.D
Acq: 5 Feb 2021 14:52

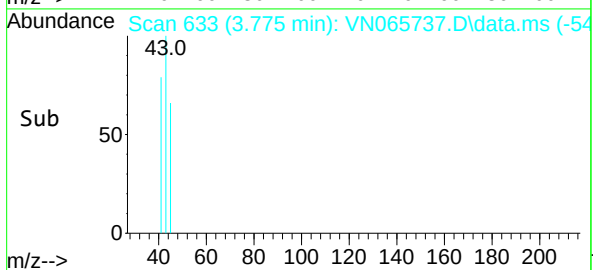
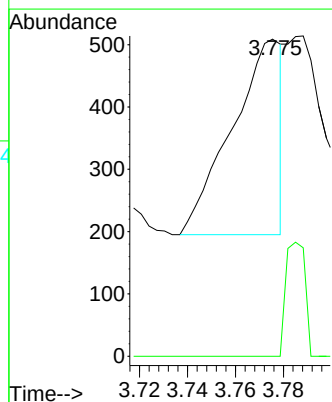
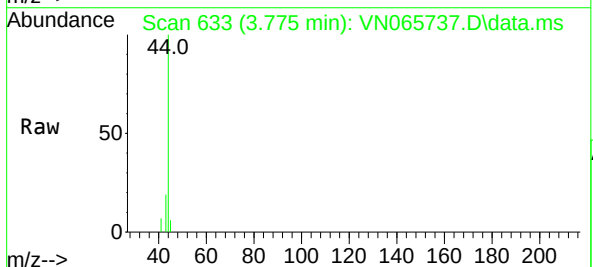
Instrument :
MSVOA_N
ClientSampleId :
152140-FD-01

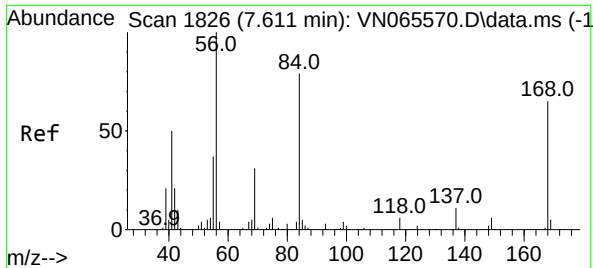
Tgt Ion:168 Resp: 189709
Ion Ratio Lower Upper
168 100
99 55.1 42.6 63.8



#16
Acetone
Concen: 0.46 ug/l
RT: 3.775 min Scan# 633
Delta R.T. -0.007 min
Lab File: VN065737.D
Acq: 5 Feb 2021 14:52

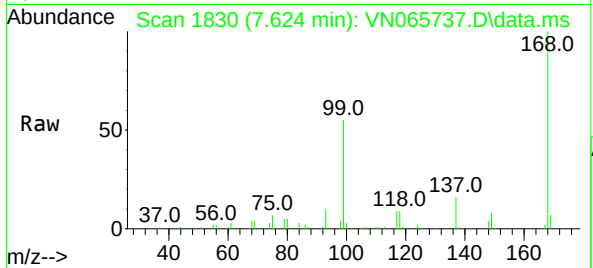
Tgt Ion: 43 Resp: 450
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#



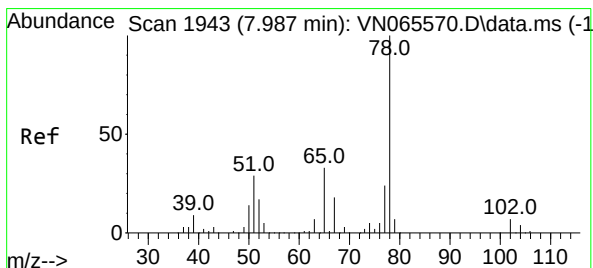
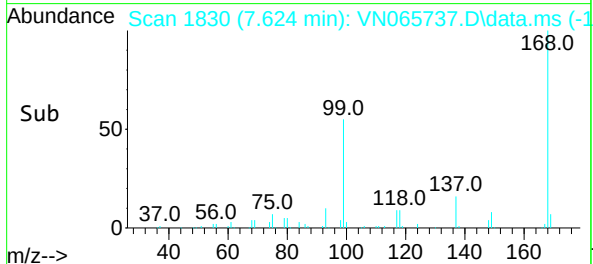
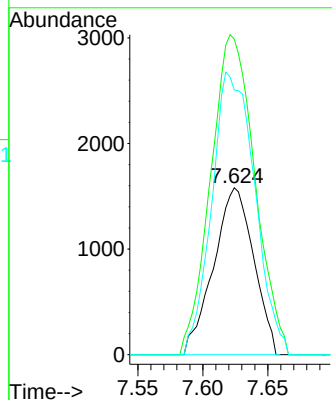


#31
Cyclohexane
Concen: 0.72 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065737.D
Acq: 5 Feb 2021 14:52

Instrument :
MSVOA_N
ClientSampleId :
152140-FD-01

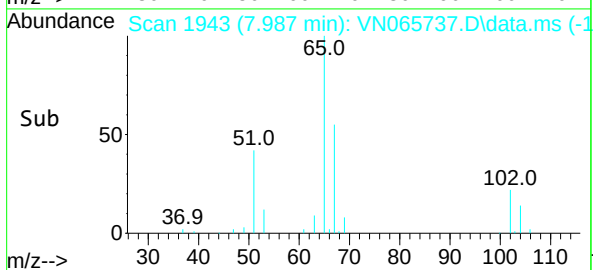
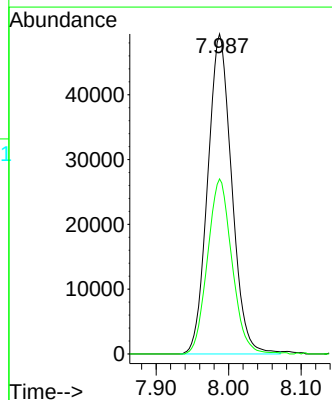
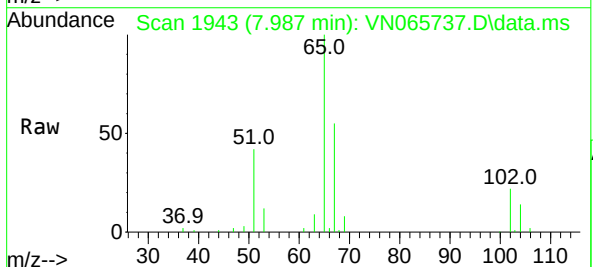


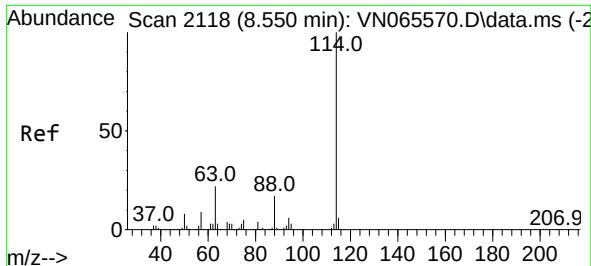
Tgt Ion: 56 Resp: 3395
Ion Ratio Lower Upper
56 100
69 189.2 26.6 39.8#
84 158.6 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 45.55 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065737.D
Acq: 5 Feb 2021 14:52

Tgt Ion: 65 Resp: 113682
Ion Ratio Lower Upper
65 100
67 55.6 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: VN065737.D

Acq: 5 Feb 2021 14:52

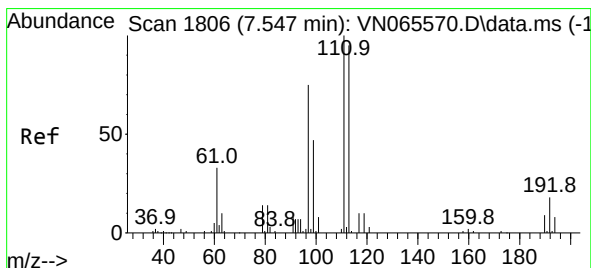
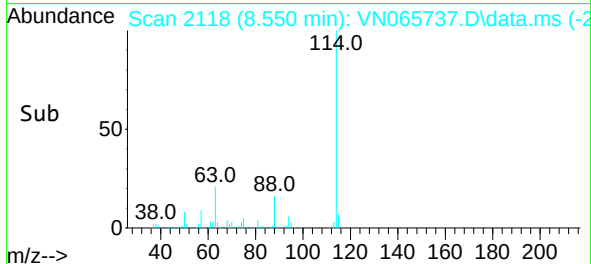
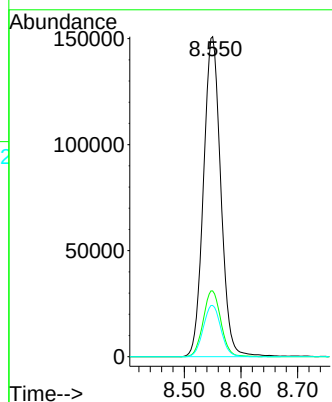
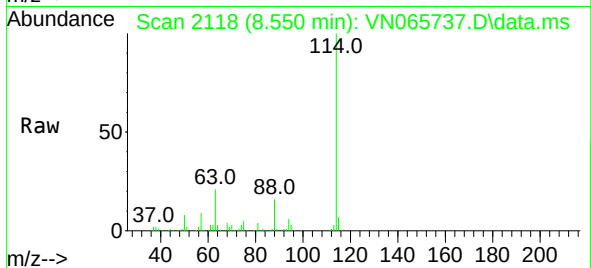
Tgt Ion:114 Resp: 319845

Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.6

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.27 ug/l

RT: 7.550 min Scan# 1807

Delta R.T. 0.003 min

Lab File: VN065737.D

Acq: 5 Feb 2021 14:52

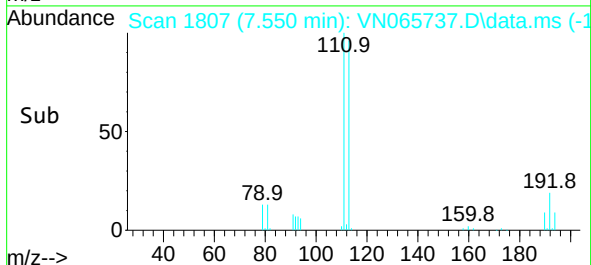
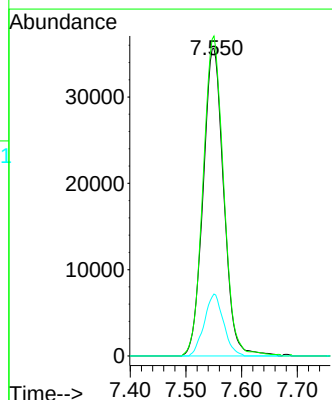
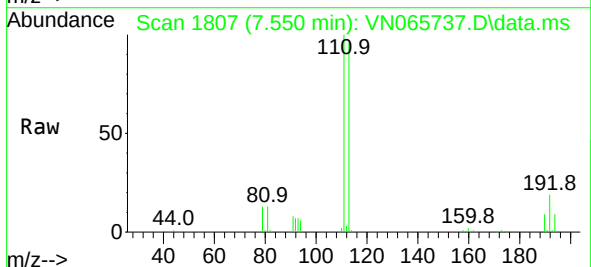
Tgt Ion:113 Resp: 91495

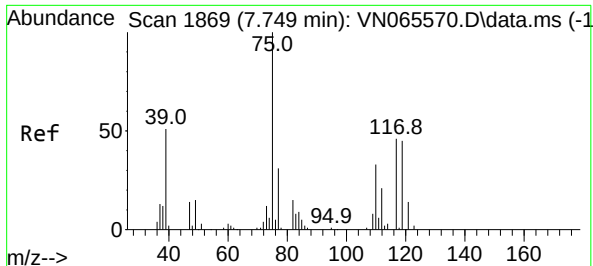
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.2

192 18.9 15.4 23.0

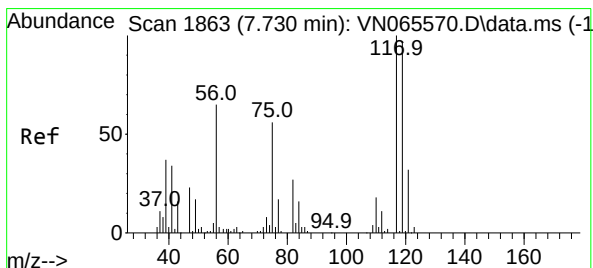
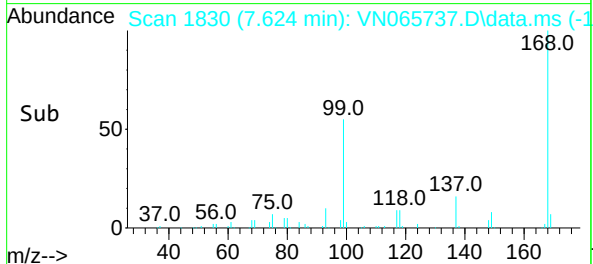
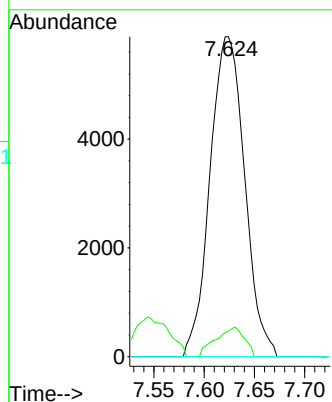
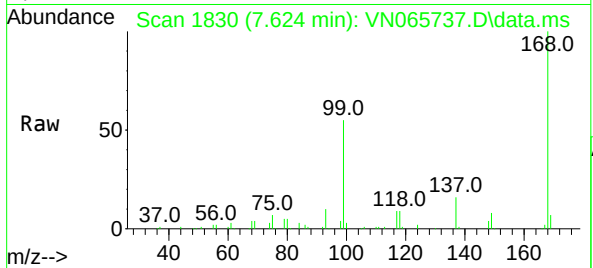




#36
1,1-Dichloropropene
Concen: 4.38 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065737.D
Acq: 5 Feb 2021 14:52

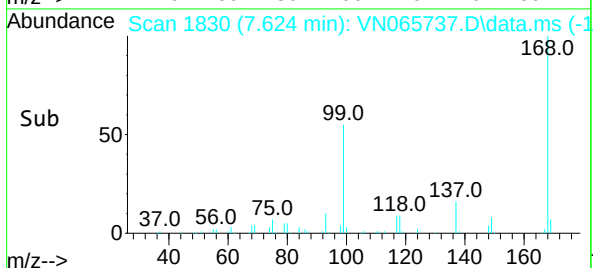
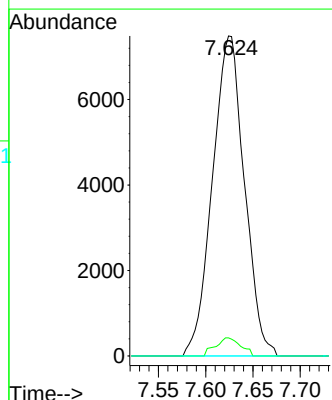
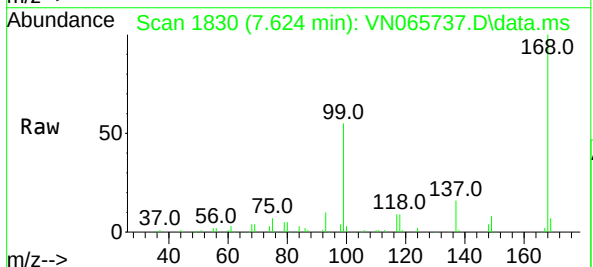
Instrument :
MSVOA_N
ClientSampleId :
152140-FD-01

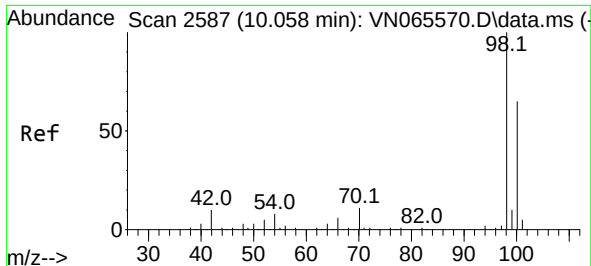
Tgt Ion: 75 Resp: 14095
Ion Ratio Lower Upper
75 100
110 7.6 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.63 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065737.D
Acq: 5 Feb 2021 14:52

Tgt Ion: 117 Resp: 17577
Ion Ratio Lower Upper
117 100
119 5.6 76.0 114.0#
121 0.0 24.5 36.7#

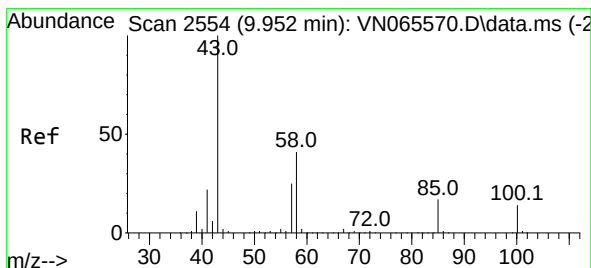
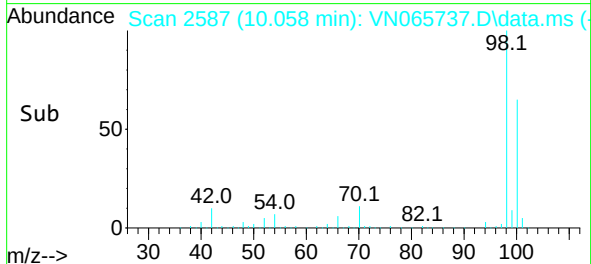
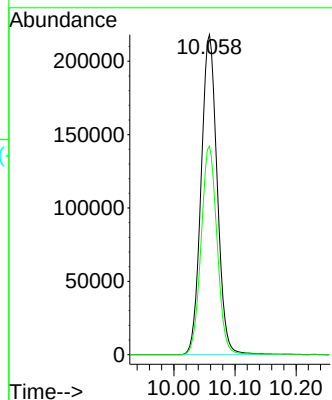
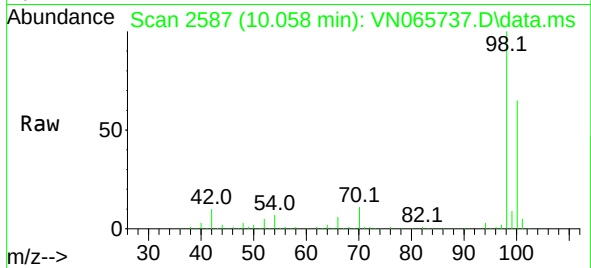




#50
Toluene-d8
Concen: 53.38 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065737.D
Acq: 5 Feb 2021 14:52

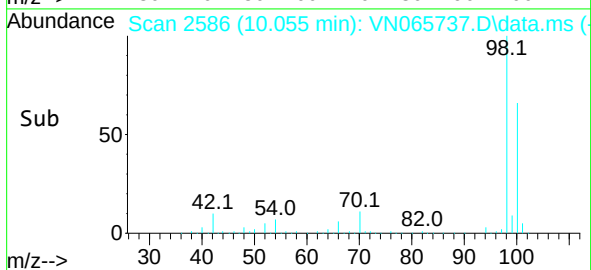
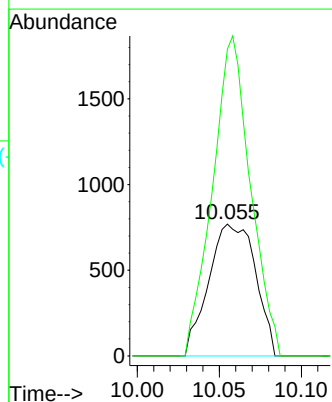
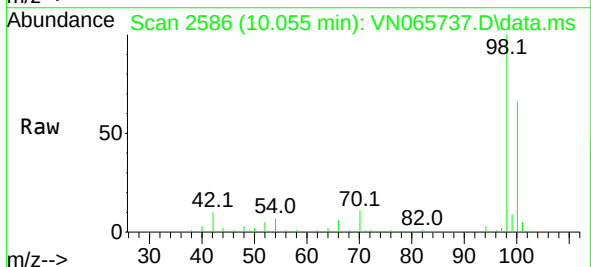
Instrument :
MSVOA_N
ClientSampleId :
152140-FD-01

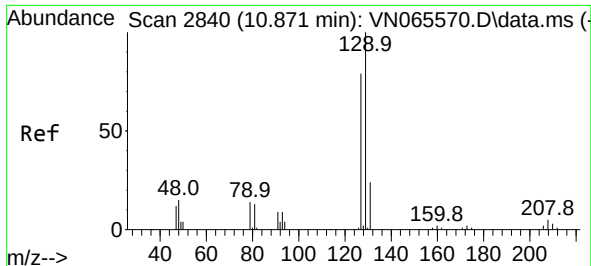
Tgt Ion: 98 Resp: 397709
Ion Ratio Lower Upper
98 100
100 64.8 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.51 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. 0.103 min
Lab File: VN065737.D
Acq: 5 Feb 2021 14:52

Tgt Ion: 43 Resp: 1525
Ion Ratio Lower Upper
43 100
58 196.7 32.5 48.7#

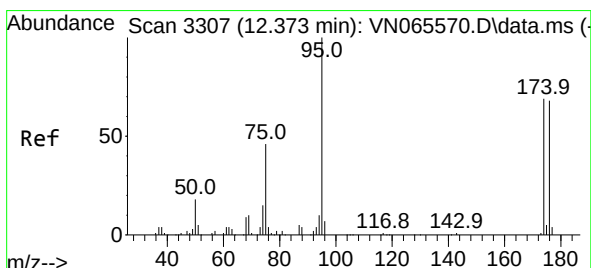
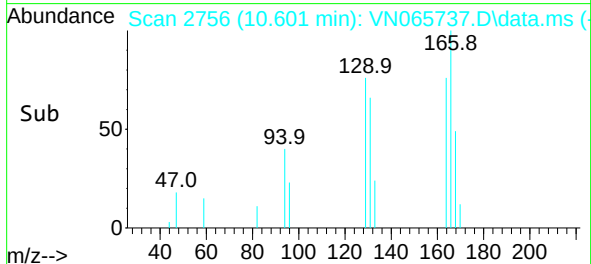
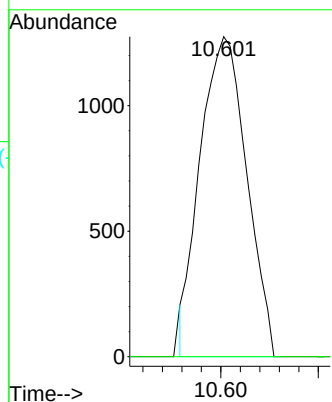
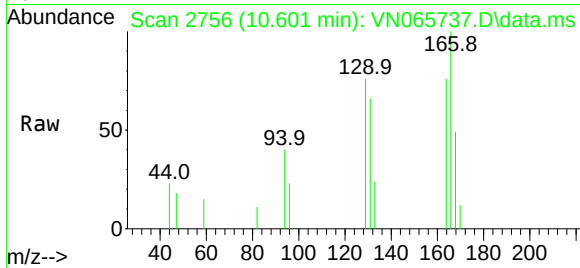




#60
Dibromochloromethane
Concen: 0.93 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. -0.270 min
Lab File: VN065737.D
Acq: 5 Feb 2021 14:52

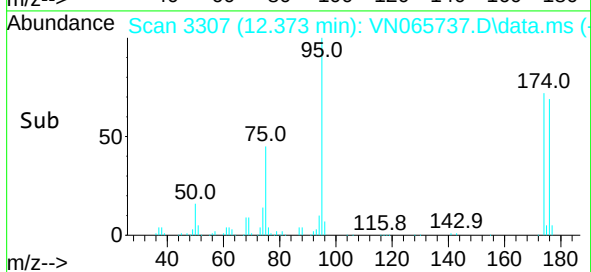
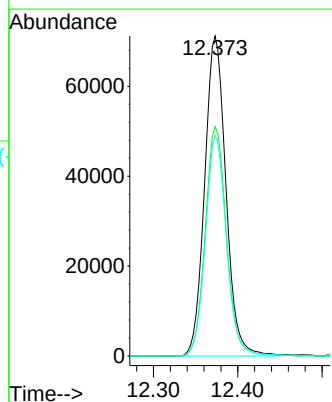
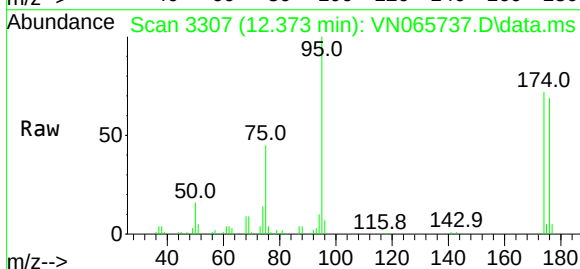
Instrument :
MSVOA_N
ClientSampleId :
152140-FD-01

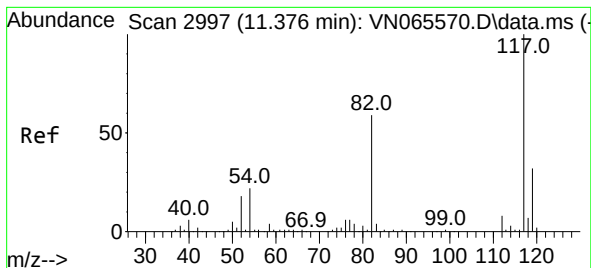
Tgt Ion:129 Resp: 2113
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 46.63 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065737.D
Acq: 5 Feb 2021 14:52

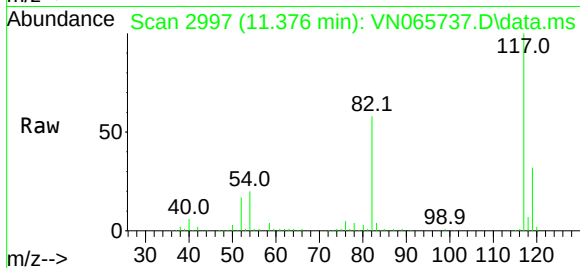
Tgt Ion: 95 Resp: 125090
Ion Ratio Lower Upper
95 100
174 71.4 0.0 169.0
176 68.4 0.0 162.4



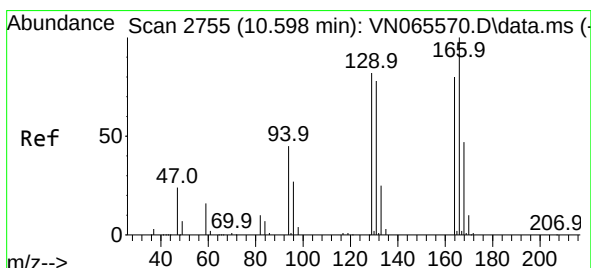
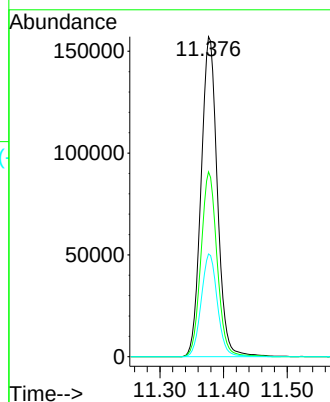
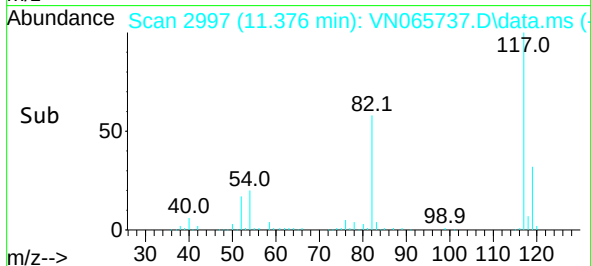


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065737.D
Acq: 5 Feb 2021 14:52

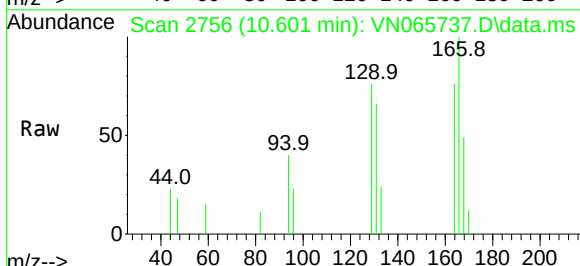
Instrument :
MSVOA_N
ClientSampleId :
152140-FD-01



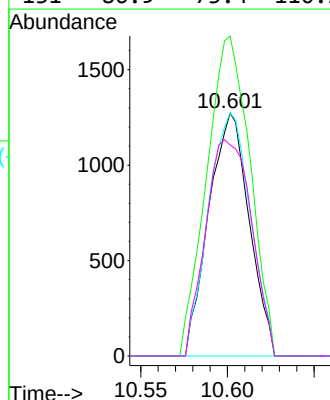
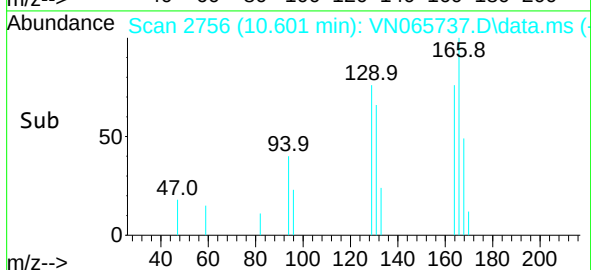
Tgt Ion:117 Resp: 279120
Ion Ratio Lower Upper
117 100
82 57.8 43.7 65.5
119 32.1 26.1 39.1

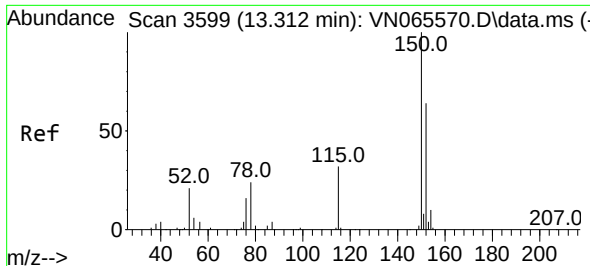


#64
Tetrachloroethene
Concen: 0.88 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. 0.003 min
Lab File: VN065737.D
Acq: 5 Feb 2021 14:52



Tgt Ion:164 Resp: 2058
Ion Ratio Lower Upper
164 100
166 131.7 102.6 154.0
129 100.2 76.2 114.4
131 86.9 73.4 110.2

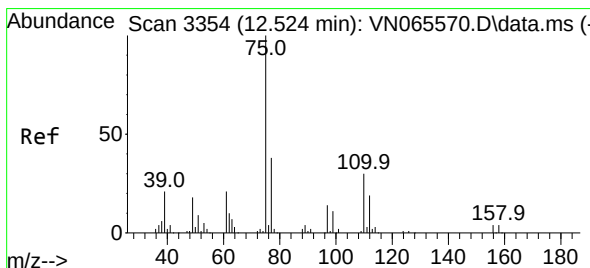
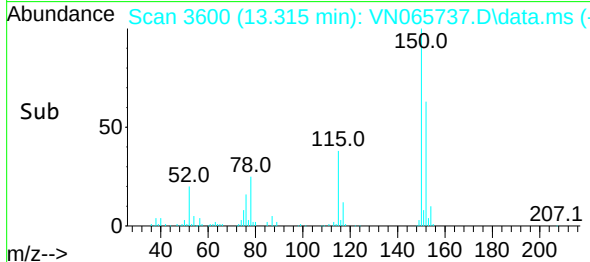
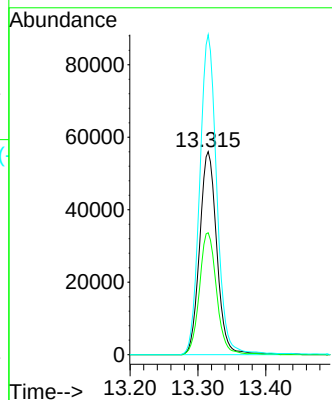
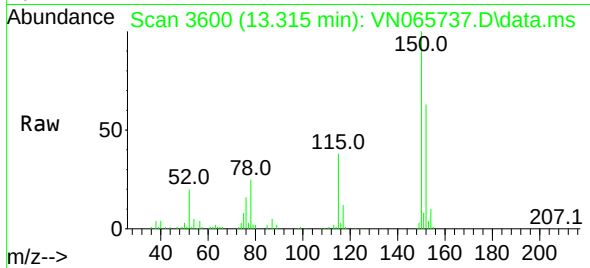




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.315 min Scan# 3600
 Delta R.T. 0.003 min
 Lab File: VN065737.D
 Acq: 5 Feb 2021 14:52

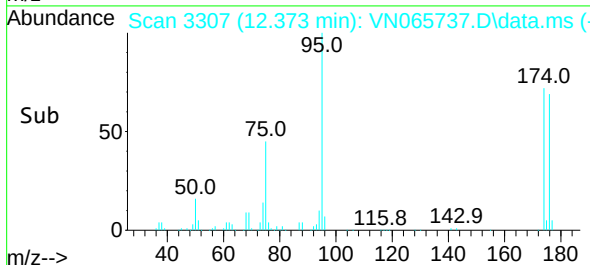
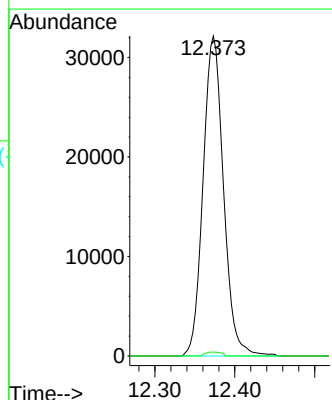
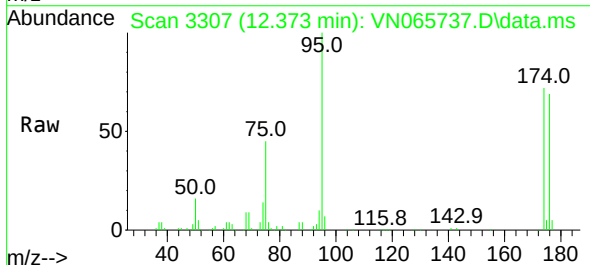
Instrument :
 MSVOA_N
 ClientSampleId :
 152140-FD-01

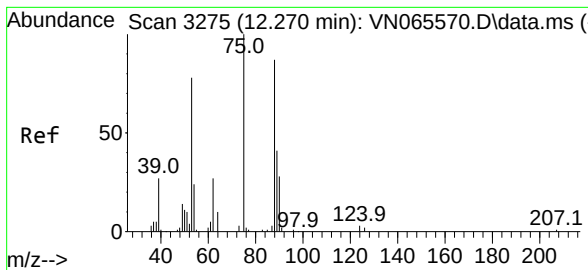
Tgt Ion:152 Resp: 98754
 Ion Ratio Lower Upper
 152 100
 115 59.6 28.5 85.6
 150 155.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 22.14 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. -0.151 min
 Lab File: VN065737.D
 Acq: 5 Feb 2021 14:52

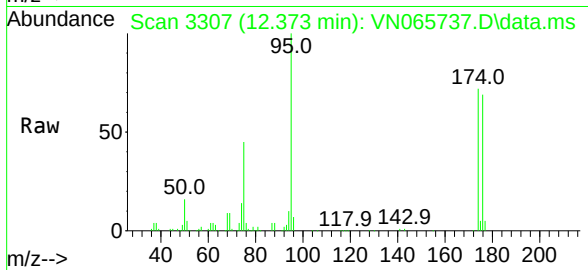
Tgt Ion: 75 Resp: 57181
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.72 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. 0.103 min
 Lab File: VN065737.D
 Acq: 5 Feb 2021 14:52

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-FD-01



Tgt Ion: 75 Resp: 57181
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.0 35.8 53.8#

