

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020421\
 Data File : VN065722.D
 Acq On : 4 Feb 2021 17:07
 Operator : JC/MD
 Sample : M1288-21
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 05 02:19:16 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)

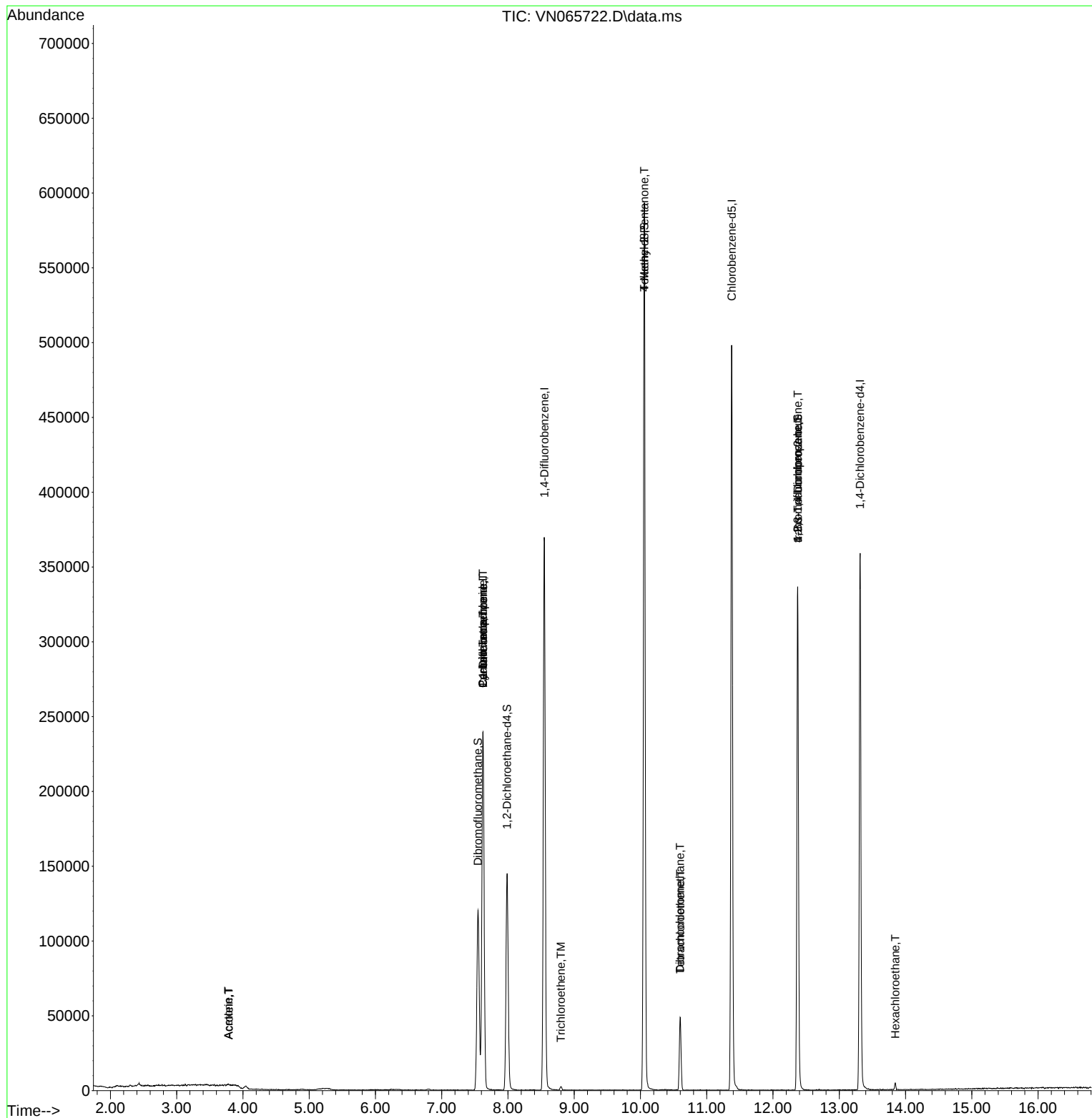
Internal Standards						
1) Pentafluorobenzene	7.624	168	200619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	343482	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	304495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	106035	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	121313	45.96	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.92%		
35) Dibromofluoromethane	7.547	113	98098	48.20	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.40%		
50) Toluene-d8	10.058	98	431295	53.91	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.82%		
62) 4-Bromofluorobenzene	12.373	95	136542	47.39	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.78%		
Target Compounds						
					Qvalue	
13) Acrolein	3.785	56	30	18.15	ug/l #	15
16) Acetone	3.779	43	1121	1.09	ug/l #	41
31) Cyclohexane	7.621	56	4004	0.81	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	15363	4.44	ug/l #	48
38) Carbon Tetrachloride	7.621	117	18529	6.51	ug/l #	17
44) Trichloroethene	8.798	130	959	0.37	ug/l	77
51) 4-Methyl-2-Pentanone	10.058	43	1620	0.50	ug/l #	1
60) Dibromochloromethane	10.598	129	11417	4.68	ug/l #	11
64) Tetrachloroethene	10.601	164	12095	4.74	ug/l	94
76) 1,2,3-Trichloropropane	12.373	75	61970	22.35	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	61970	57.25	ug/l #	12
90) Hexachloroethane	13.846	117	797	0.58	ug/l	96

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

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QLast Update : Mon Jan 25 13:47:28 2021
Response via : Initial Calibration

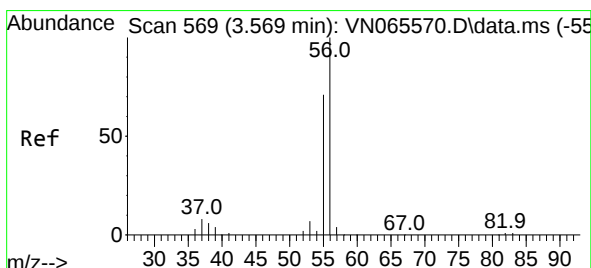
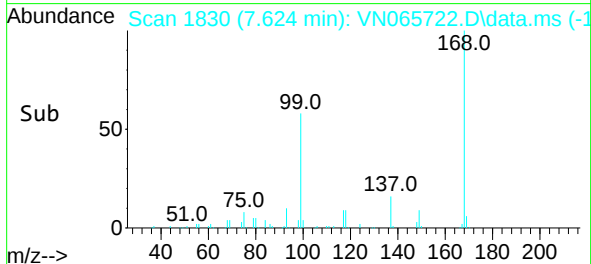
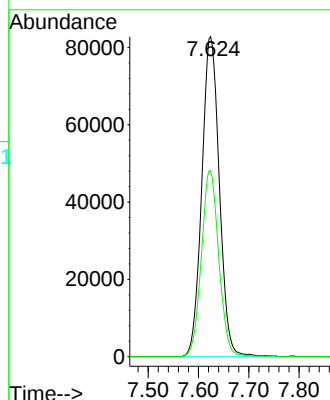
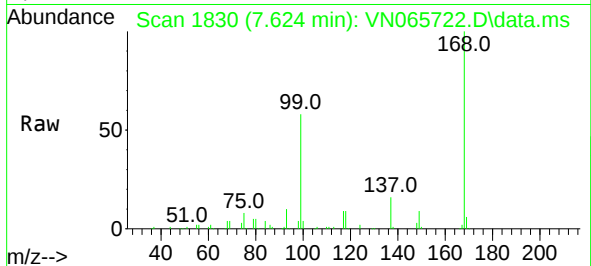




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065722.D
Acq: 4 Feb 2021 17:07

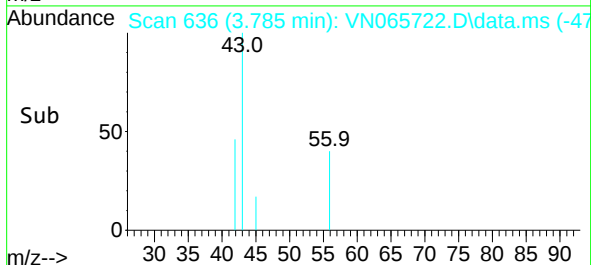
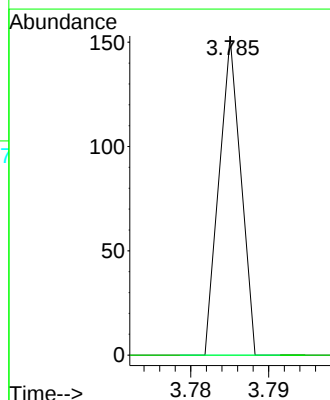
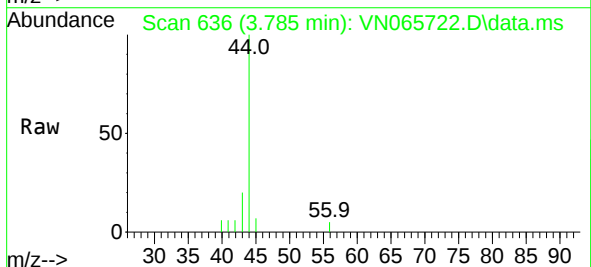
Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:168 Resp: 200619
Ion Ratio Lower Upper
168 100
99 58.0 42.6 63.8



#13
Acrolein
Concen: 18.15 ug/l
RT: 3.785 min Scan# 636
Delta R.T. 0.216 min
Lab File: VN065722.D
Acq: 4 Feb 2021 17:07

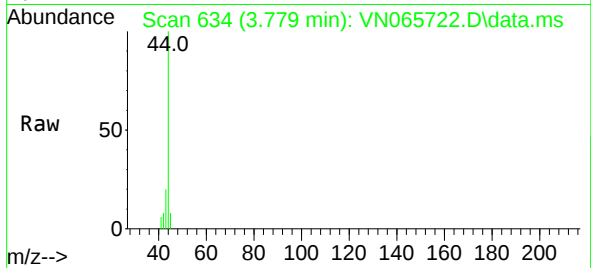
Tgt Ion: 56 Resp: 30
Ion Ratio Lower Upper
56 100
55 0.0 56.0 84.0#



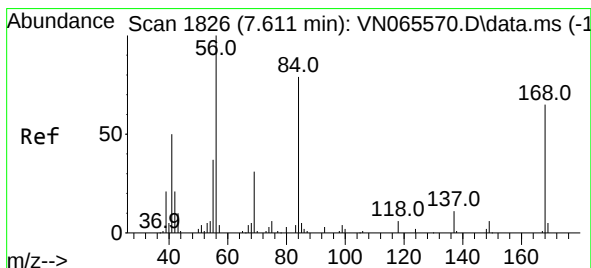
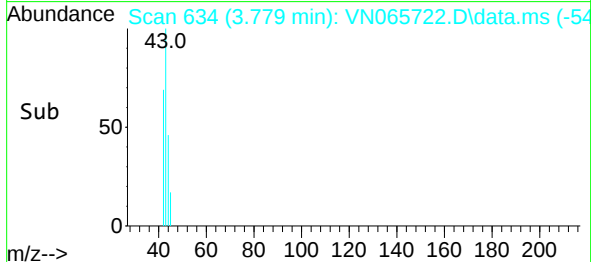
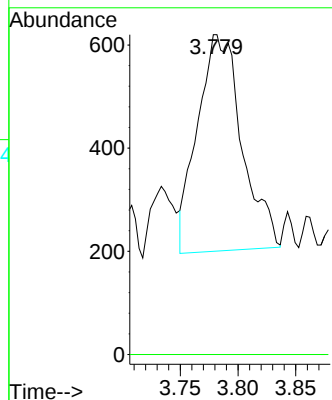


#16
Acetone
Concen: 1.09 ug/l
RT: 3.779 min Scan# 634
Delta R.T. -0.003 min
Lab File: VN065722.D
Acq: 4 Feb 2021 17:07

Instrument :
MSVOA_N
ClientSampled :

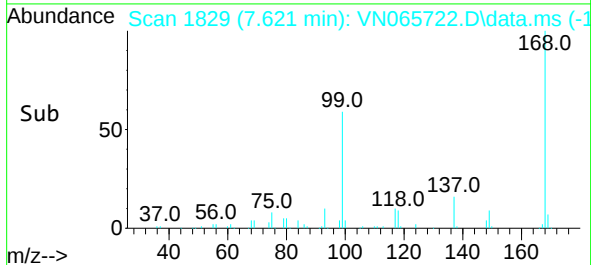
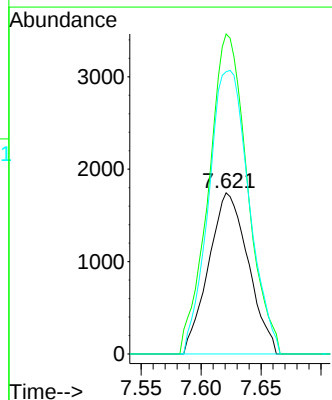
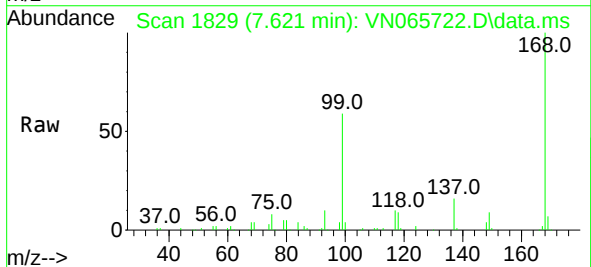


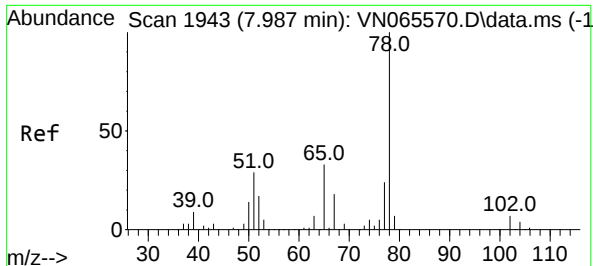
Tgt Ion: 43 Resp: 1121
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#



#31
Cyclohexane
Concen: 0.81 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.010 min
Lab File: VN065722.D
Acq: 4 Feb 2021 17:07

Tgt Ion: 56 Resp: 4004
Ion Ratio Lower Upper
56 100
69 198.6 26.6 39.8#
84 175.2 70.4 105.6#



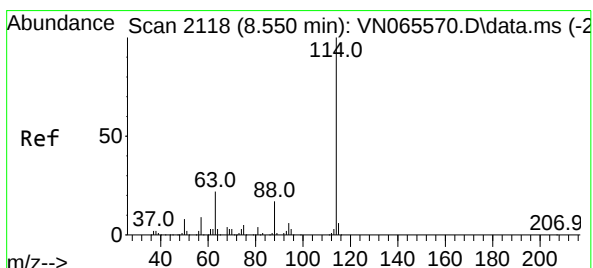
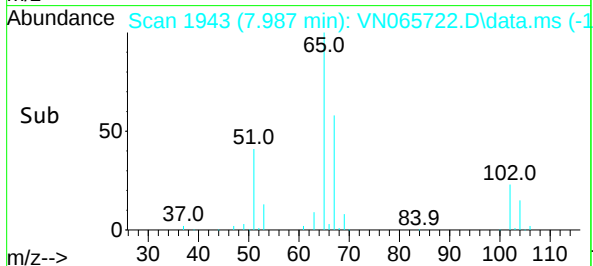
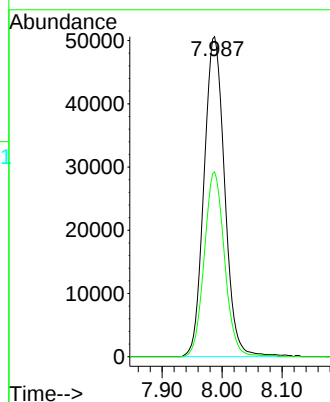
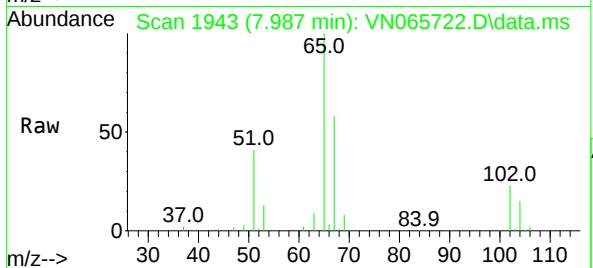


#33

1,2-Dichloroethane-d4
Concen: 45.96 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065722.D
Acq: 4 Feb 2021 17:07

Instrument :
MSVOA_N
ClientSampled :

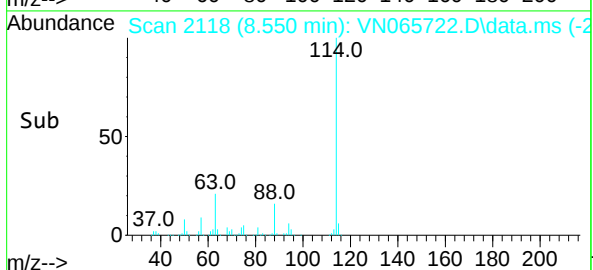
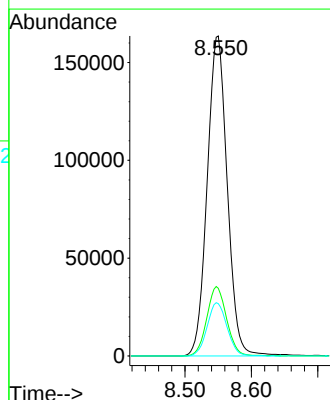
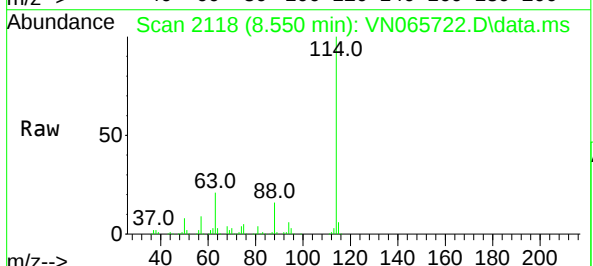
Tgt Ion: 65 Resp: 121313
Ion Ratio Lower Upper
65 100
67 56.6 0.0 107.2

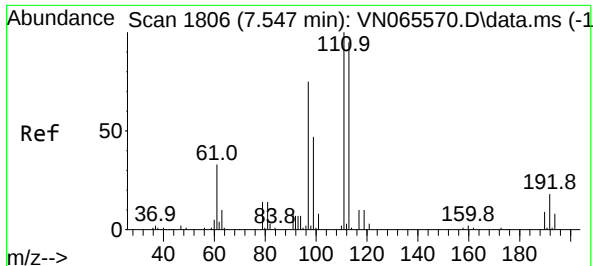


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065722.D
Acq: 4 Feb 2021 17:07

Tgt Ion: 114 Resp: 343482
Ion Ratio Lower Upper
114 100
63 21.1 0.0 38.6
88 16.3 0.0 30.6

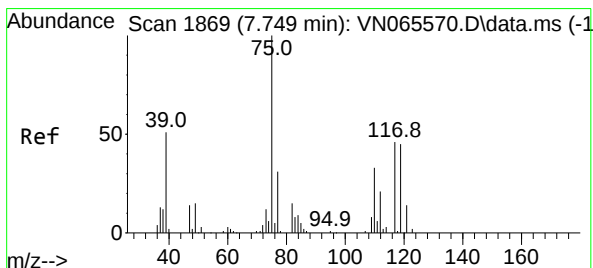
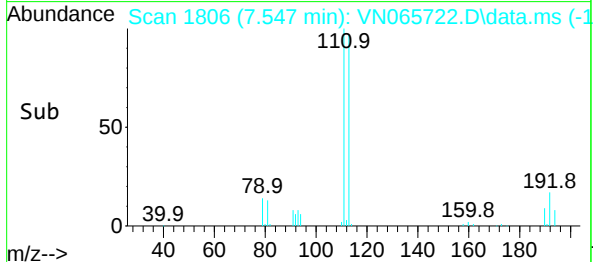
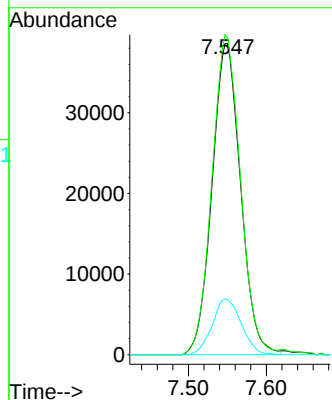
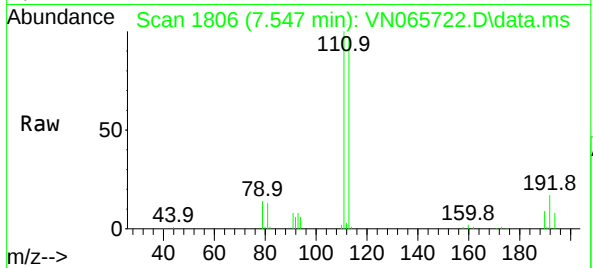




#35
Dibromofluoromethane
Concen: 48.20 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065722.D
Acq: 4 Feb 2021 17:07

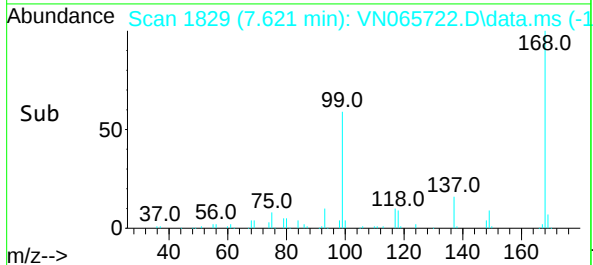
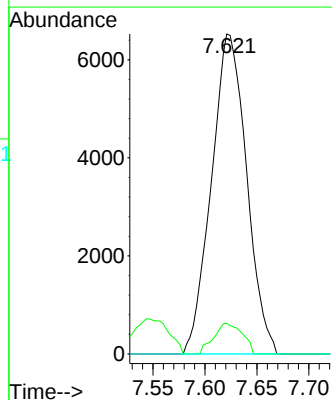
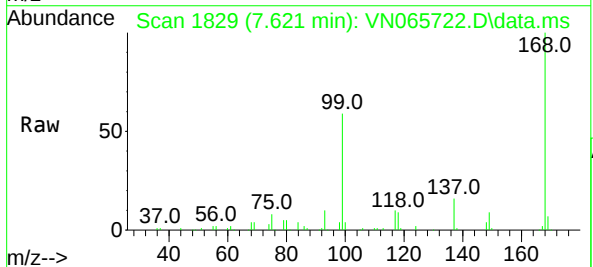
Instrument :
MSVOA_N
ClientSampleId :

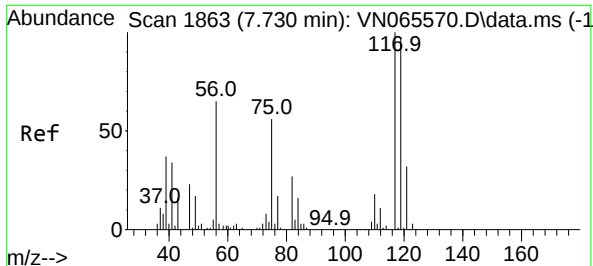
Tgt Ion:113 Resp: 98098
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 18.2 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.44 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.128 min
Lab File: VN065722.D
Acq: 4 Feb 2021 17:07

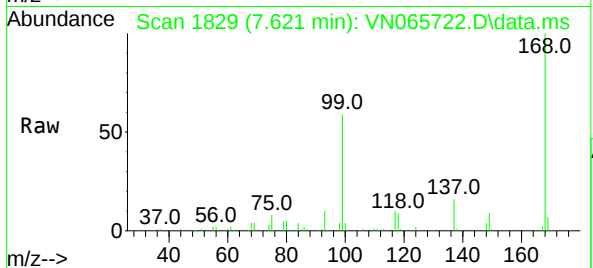
Tgt Ion: 75 Resp: 15363
Ion Ratio Lower Upper
75 100
110 7.8 18.2 54.6#
77 0.0 24.9 37.3#



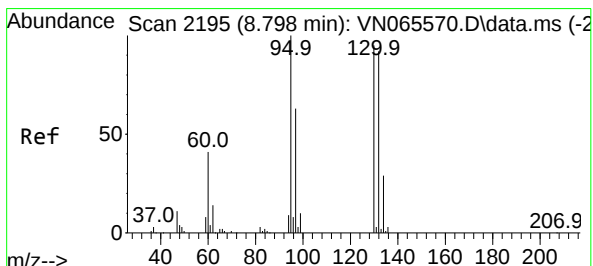
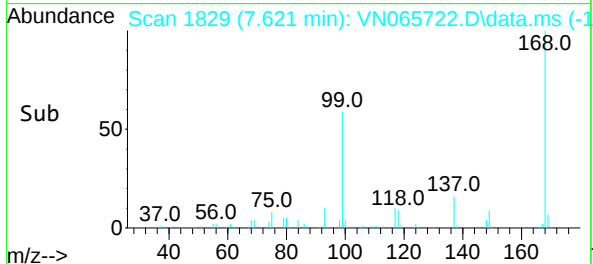
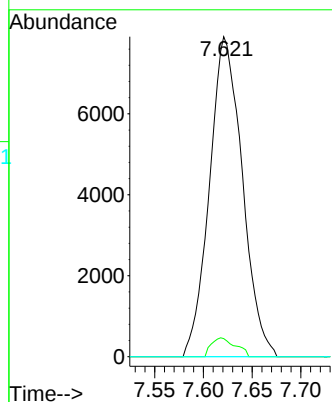


#38
Carbon Tetrachloride
Concen: 6.51 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.109 min
Lab File: VN065722.D
Acq: 4 Feb 2021 17:07

Instrument :
MSVOA_N
ClientSampled :

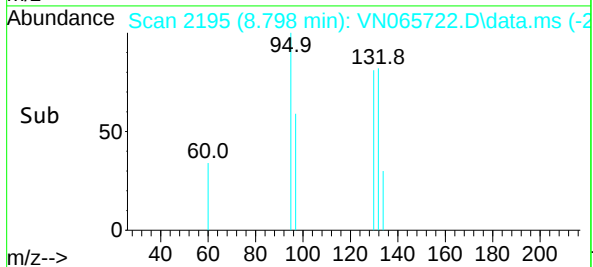
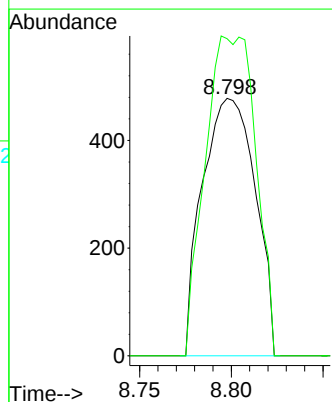
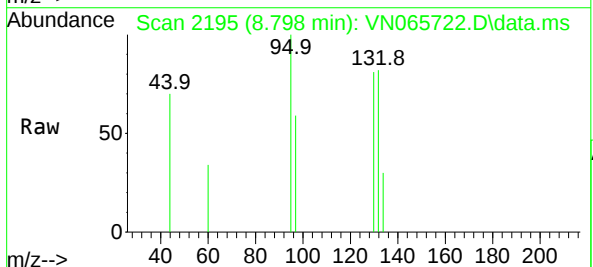


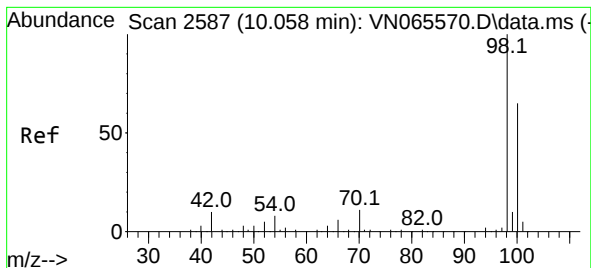
Tgt Ion:117 Resp: 18529
Ion Ratio Lower Upper
117 100
119 5.7 76.0 114.0#
121 0.0 24.5 36.7#



#44
Trichloroethene
Concen: 0.37 ug/l
RT: 8.798 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VN065722.D
Acq: 4 Feb 2021 17:07

Tgt Ion:130 Resp: 959
Ion Ratio Lower Upper
130 100
95 123.2 0.0 199.6

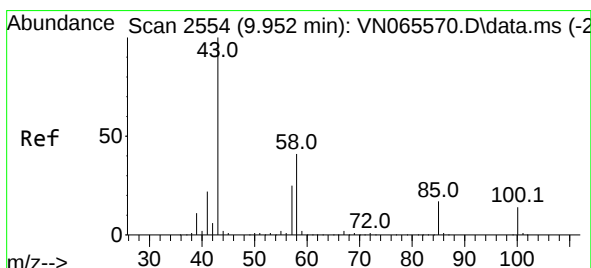
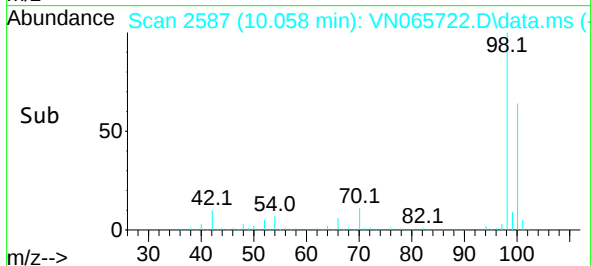
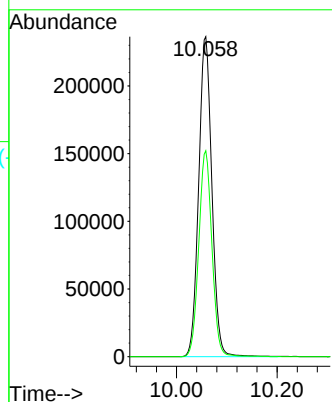
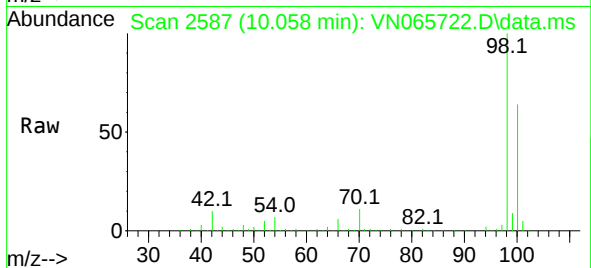




#50
Toluene-d8
Concen: 53.91 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065722.D
Acq: 4 Feb 2021 17:07

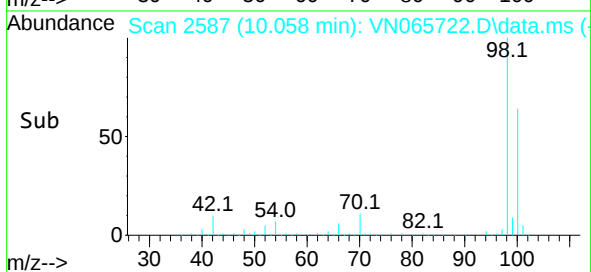
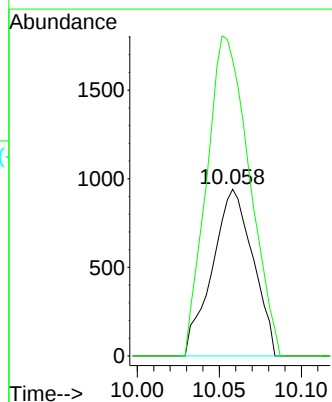
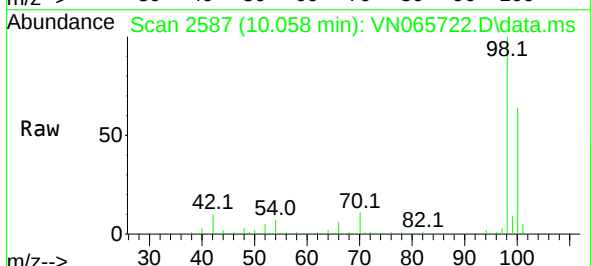
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ClientSampled :

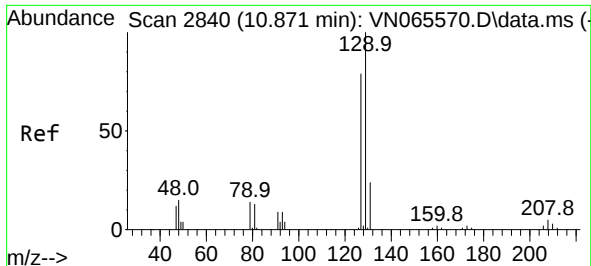
Tgt Ion: 98 Resp: 431295
Ion Ratio Lower Upper
98 100
100 64.1 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.50 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.106 min
Lab File: VN065722.D
Acq: 4 Feb 2021 17:07

Tgt Ion: 43 Resp: 1620
Ion Ratio Lower Upper
43 100
58 201.0 32.5 48.7#

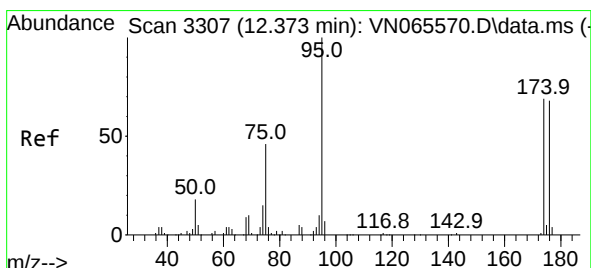
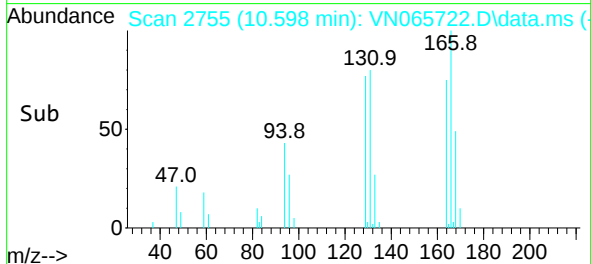
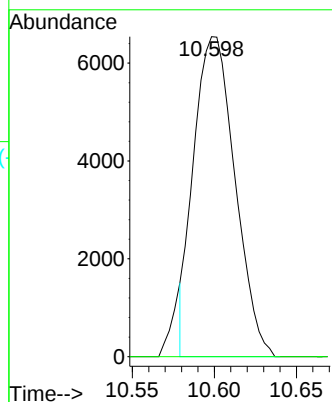
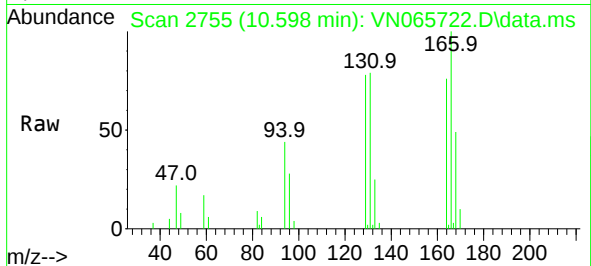




#60
Dibromochloromethane
Concen: 4.68 ug/l
RT: 10.598 min Scan# 2755
Delta R.T. -0.273 min
Lab File: VN065722.D
Acq: 4 Feb 2021 17:07

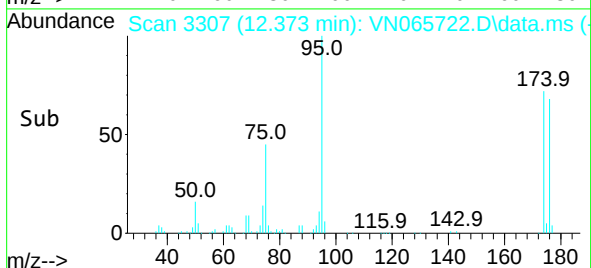
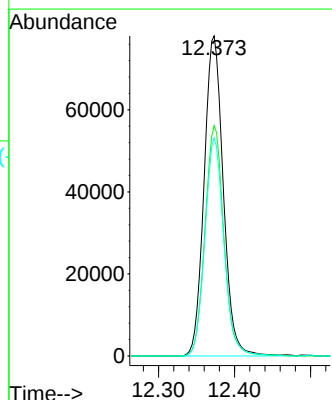
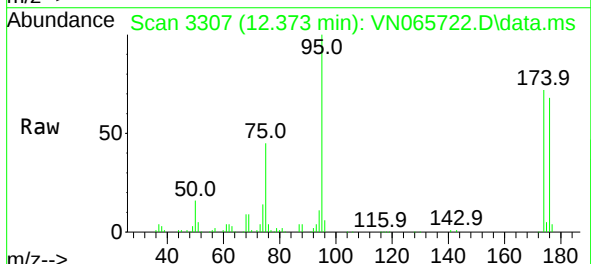
Instrument :
MSVOA_N
ClientSampleId :

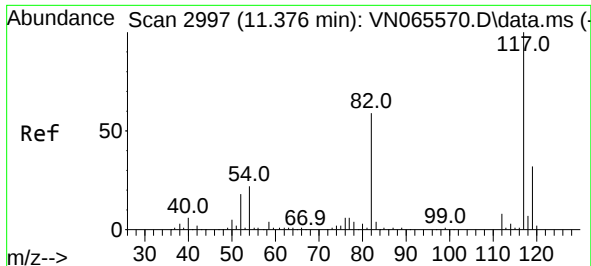
Tgt Ion:129 Resp: 11417
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 47.39 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065722.D
Acq: 4 Feb 2021 17:07

Tgt Ion: 95 Resp: 136542
Ion Ratio Lower Upper
95 100
174 70.8 0.0 169.0
176 67.6 0.0 162.4

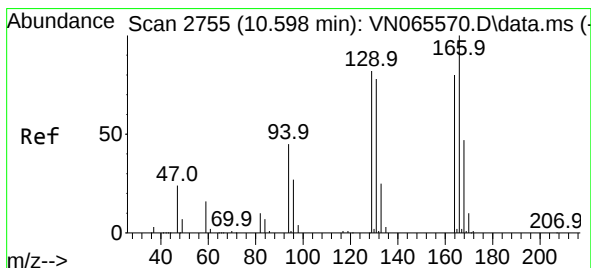
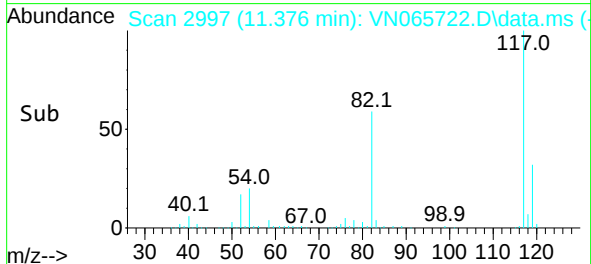
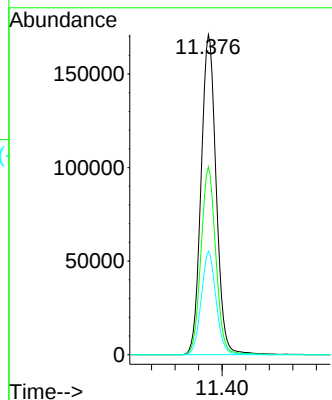
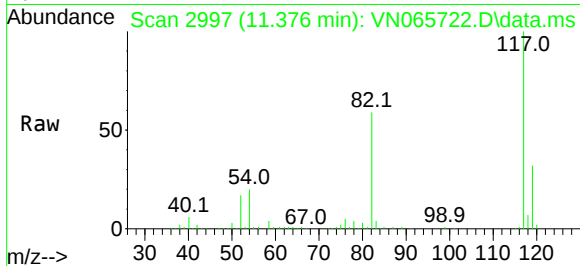




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065722.D
Acq: 4 Feb 2021 17:07

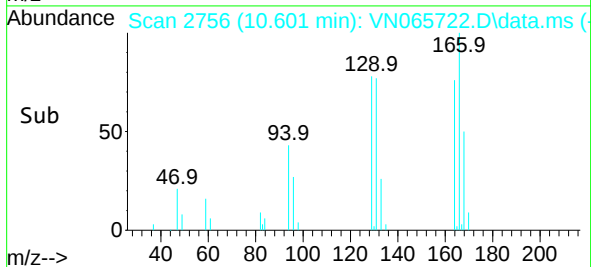
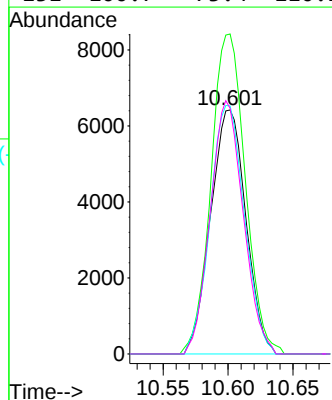
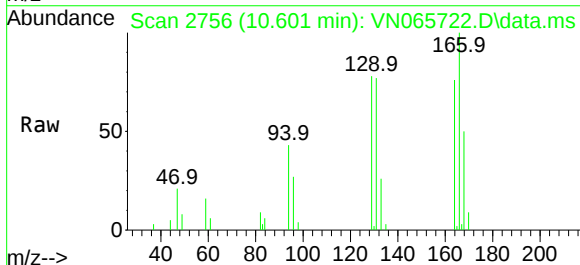
Instrument :
MSVOA_N
ClientSampled :

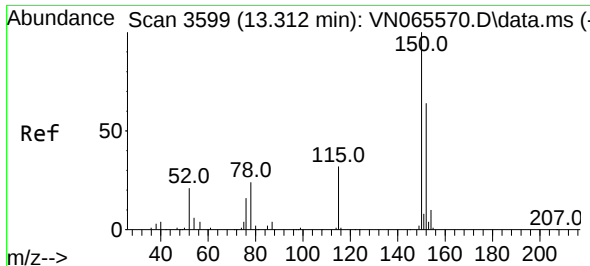
Tgt Ion:117 Resp: 304495
Ion Ratio Lower Upper
117 100
82 58.6 43.7 65.5
119 32.3 26.1 39.1



#64
Tetrachloroethene
Concen: 4.74 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. 0.003 min
Lab File: VN065722.D
Acq: 4 Feb 2021 17:07

Tgt Ion:164 Resp: 12095
Ion Ratio Lower Upper
164 100
166 131.2 102.6 154.0
129 101.7 76.2 114.4
131 100.7 73.4 110.2

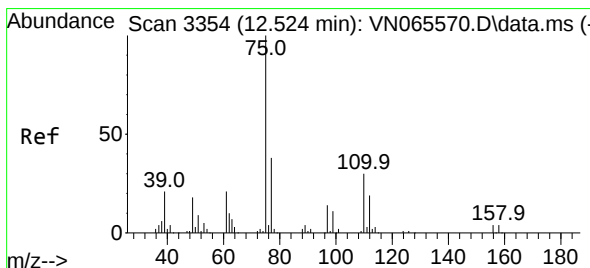
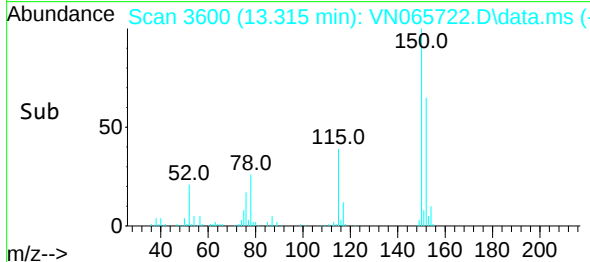
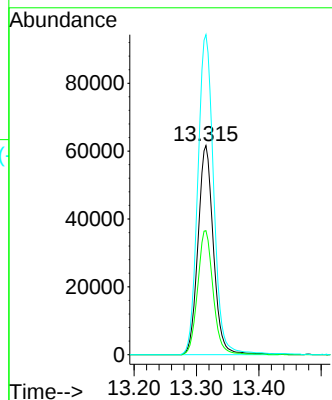
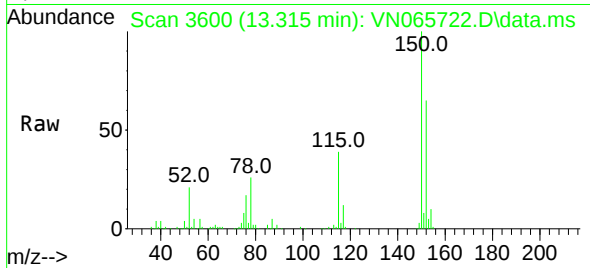




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065722.D
Acq: 4 Feb 2021 17:07

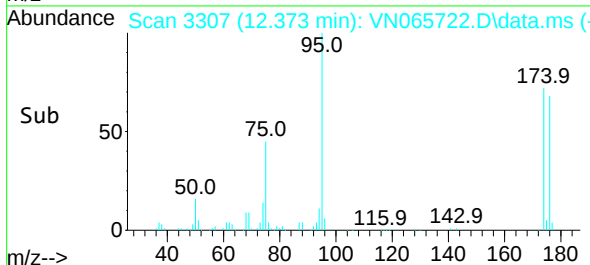
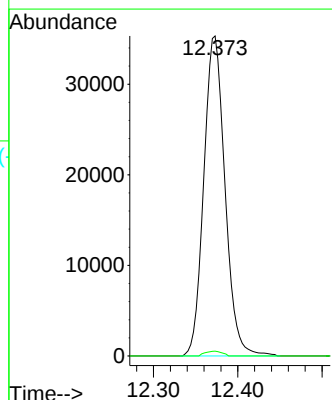
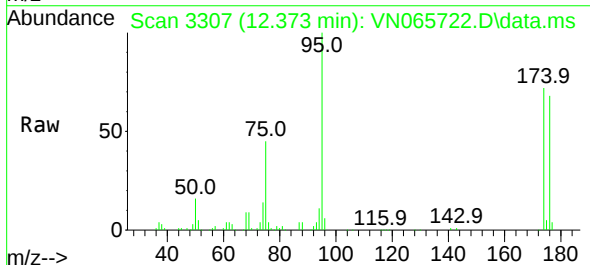
Instrument :
MSVOA_N
ClientSampled :

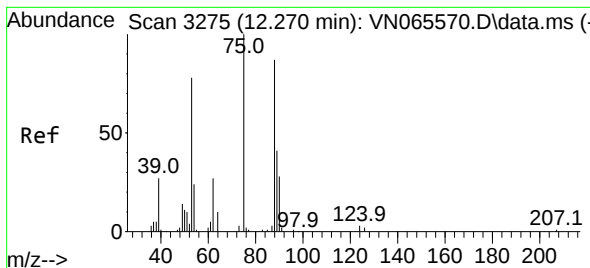
Tgt Ion:152 Resp: 106035
Ion Ratio Lower Upper
152 100
115 59.3 28.5 85.6
150 157.1 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 22.35 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065722.D
Acq: 4 Feb 2021 17:07

Tgt Ion: 75 Resp: 61970
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

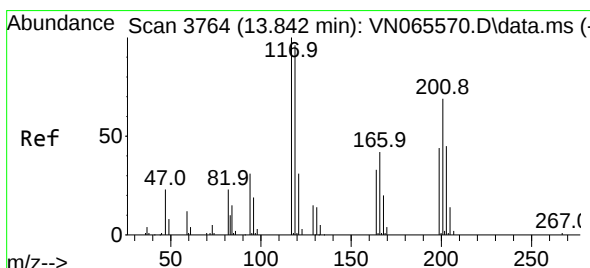
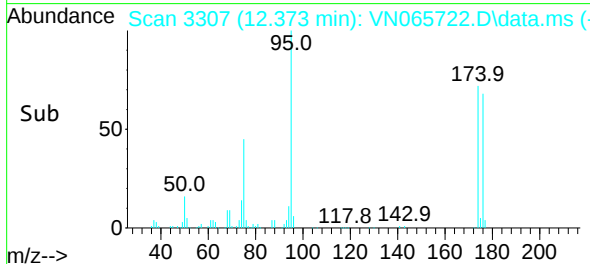
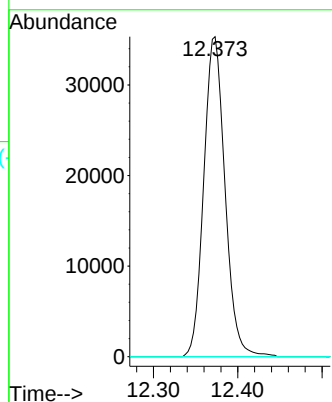
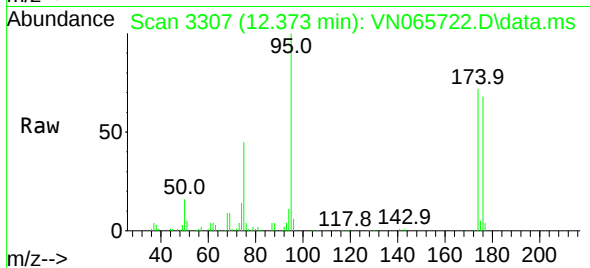




#81
trans-1,4-Dichloro-2-butene
Concen: 57.25 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065722.D
Acq: 4 Feb 2021 17:07

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 61970
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#90
Hexachloroethane
Concen: 0.58 ug/l
RT: 13.846 min Scan# 3765
Delta R.T. 0.004 min
Lab File: VN065722.D
Acq: 4 Feb 2021 17:07

Tgt Ion: 117 Resp: 797
Ion Ratio Lower Upper
117 100
201 72.1 37.8 113.3

