

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069216.D
 Acq On : 27 Oct 2021 14:16
 Operator : JC/MD
 Sample : M4337-16
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 28 05:21:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

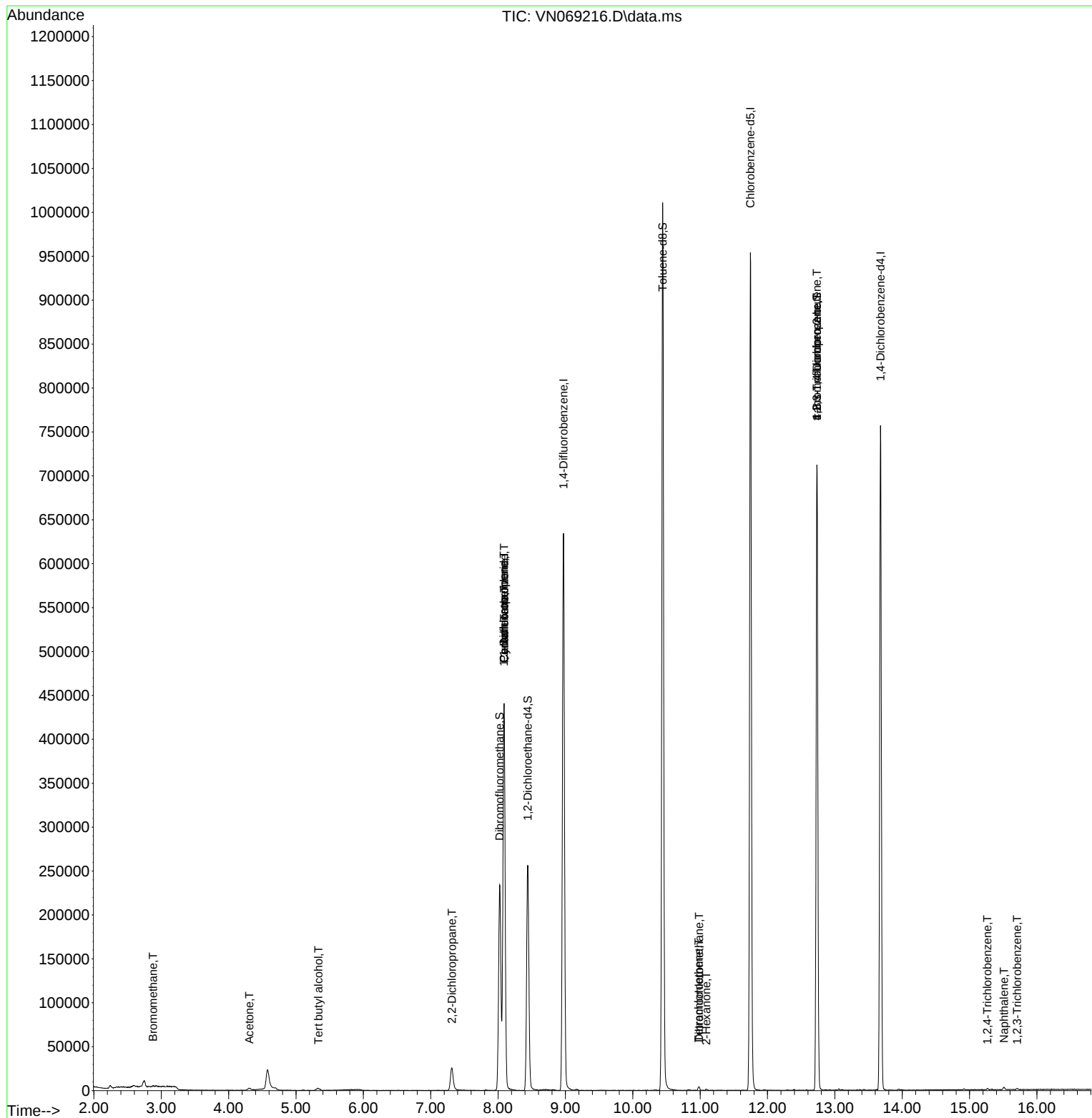
Internal Standards						
1) Pentafluorobenzene	8.091	168	333528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	585290	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	567130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	201474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	223361	50.793	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.580%			
35) Dibromofluoromethane	8.024	113	171824	50.458	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.920%			
50) Toluene-d8	10.443	98	725953	53.281	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.560%			
62) 4-Bromofluorobenzene	12.734	95	255676	49.737	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.480%			
Target Compounds					Qvalue	
5) Bromomethane	2.877	94	854	0.375	ug/l #	74
11) Tert butyl alcohol	5.334	59	651	0.810	ug/l #	72
16) Acetone	4.310	43	4345	2.648	ug/l #	83
26) 2,2-Dichloropropane	7.313	77	1734	0.279	ug/l #	53
31) Cyclohexane	8.091	56	8187	1.197	ug/l #	12
36) 1,1-Dichloropropene	8.086	75	26773	5.355	ug/l #	43
38) Carbon Tetrachloride	8.091	117	35334	6.435	ug/l #	15
59) 2-Hexanone	11.090	43	1172	0.309	ug/l	82
60) Dibromochloromethane	10.985	129	988	0.227	ug/l #	10
64) Tetrachloroethene	10.980	164	1019	0.279	ug/l	84
76) 1,2,3-Trichloropropane	12.734	75	136265	31.787	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	136265	76.049	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.265	180	726	2.805	ug/l #	51
95) Naphthalene	15.512	128	3369	4.145	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.705	180	695	2.719	ug/l #	57

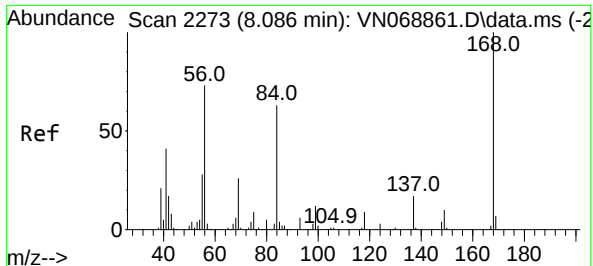
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
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QLast Update : Wed Oct 13 05:44:40 2021
Response via : Initial Calibration

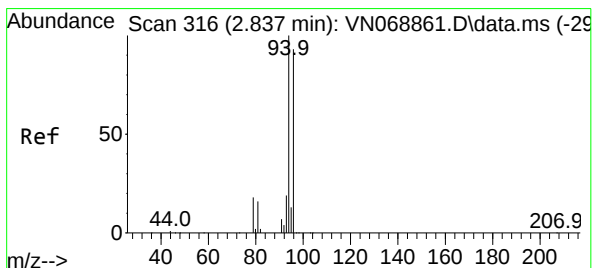
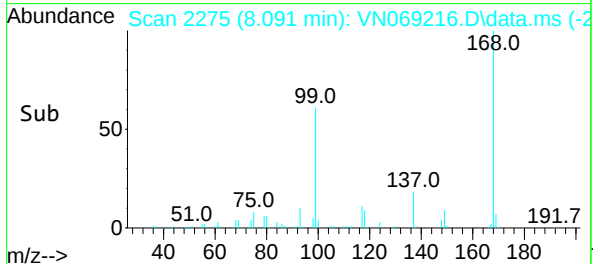
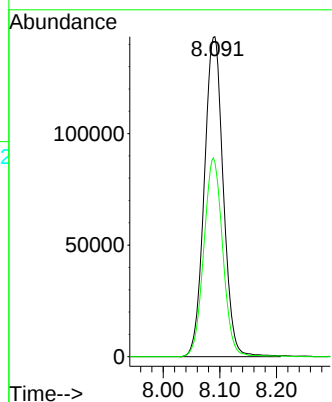
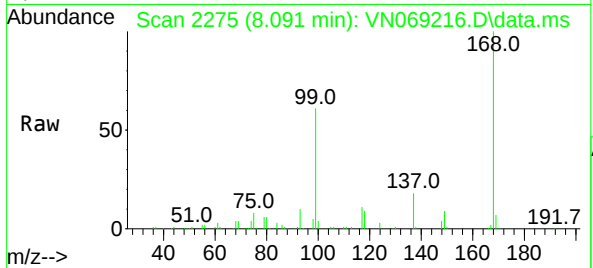




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.005 min
Lab File: VN069216.D
Acq: 27 Oct 2021 14:16

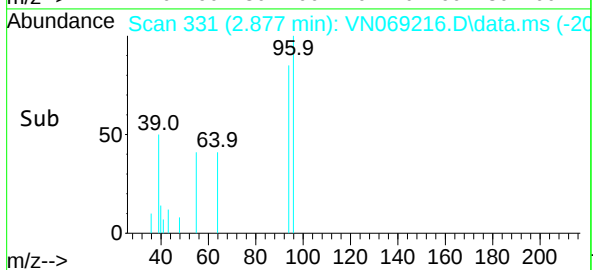
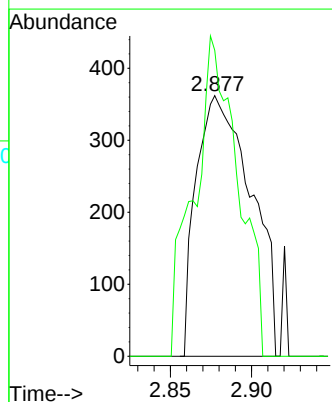
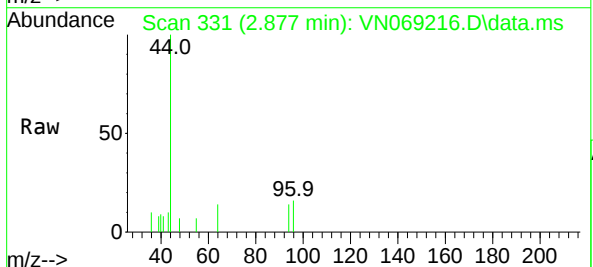
Instrument :
MSVOA_N
ClientSampled :

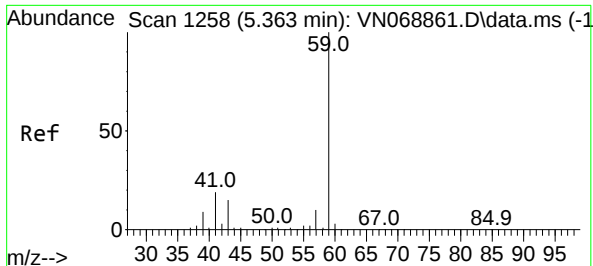
Tgt Ion:168 Resp: 333528
Ion Ratio Lower Upper
168 100
99 60.7 48.9 73.3



#5
Bromomethane
Concen: 0.375 ug/l
RT: 2.877 min Scan# 331
Delta R.T. 0.040 min
Lab File: VN069216.D
Acq: 27 Oct 2021 14:16

Tgt Ion: 94 Resp: 854
Ion Ratio Lower Upper
94 100
96 117.4 74.2 111.4#



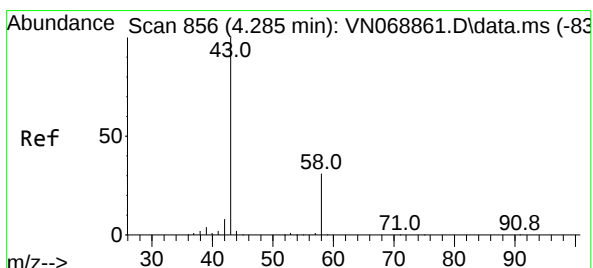
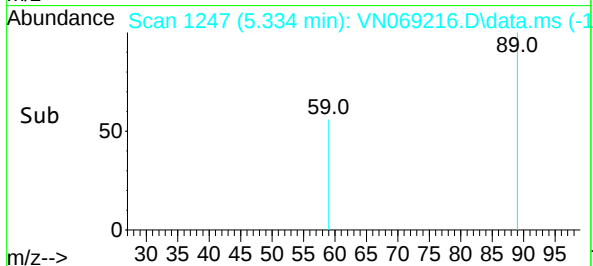
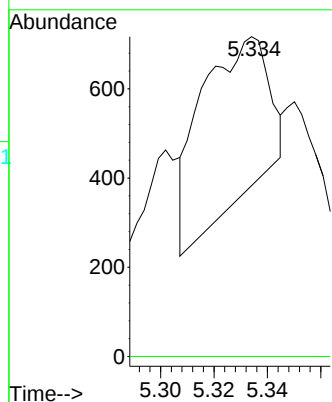
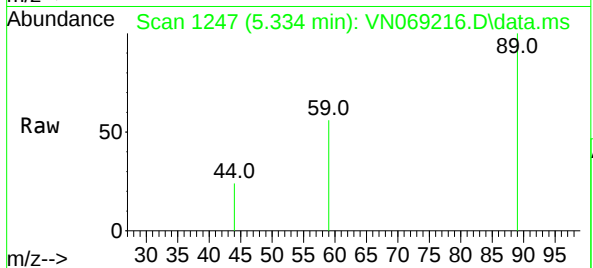


#11

Tert butyl alcohol
Concen: 0.810 ug/l
RT: 5.334 min Scan# 1247
Delta R.T. -0.029 min
Lab File: VN069216.D
Acq: 27 Oct 2021 14:16

Instrument :
MSVOA_N
ClientSampled :

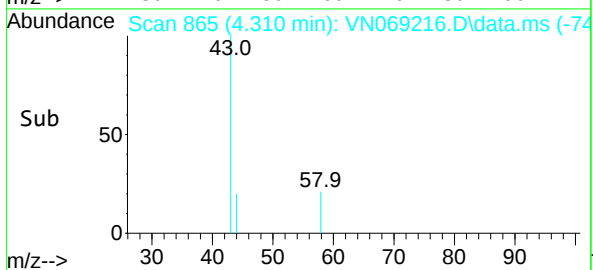
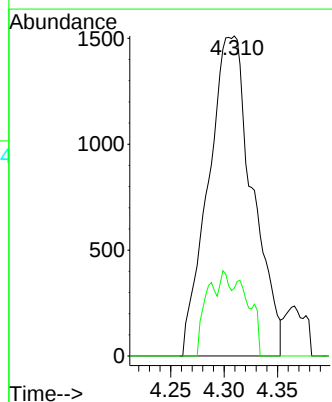
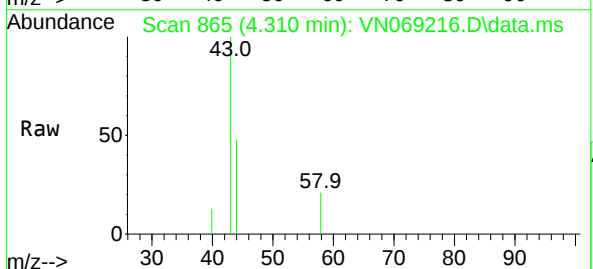
Tgt Ion: 59 Resp: 651
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

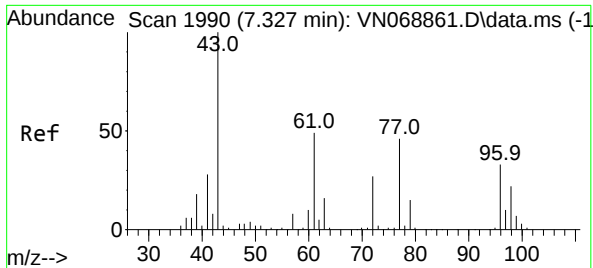


#16

Acetone
Concen: 2.648 ug/l
RT: 4.310 min Scan# 865
Delta R.T. 0.024 min
Lab File: VN069216.D
Acq: 27 Oct 2021 14:16

Tgt Ion: 43 Resp: 4345
Ion Ratio Lower Upper
43 100
58 21.2 24.5 36.7#

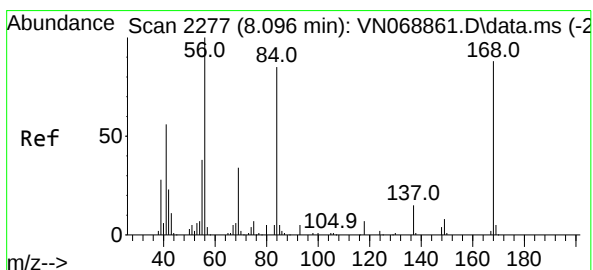
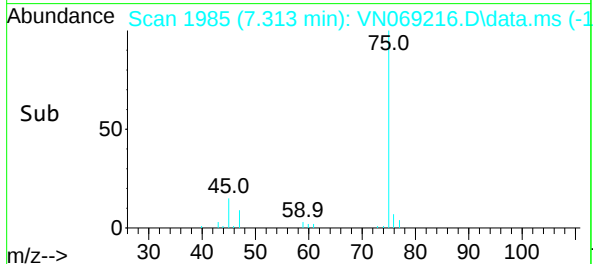
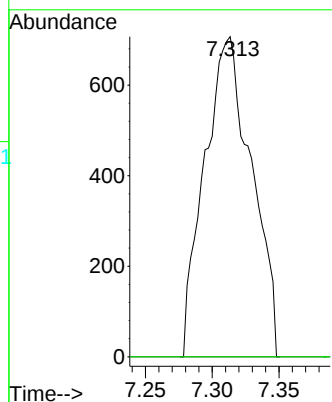
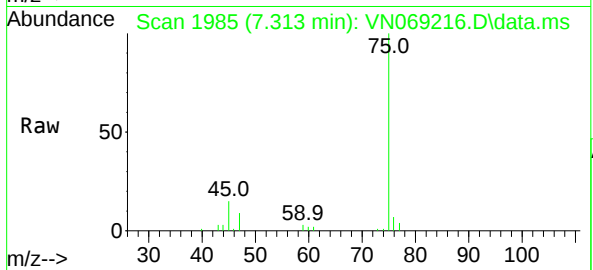




#26
2,2-Dichloropropane
Concen: 0.279 ug/l
RT: 7.313 min Scan# 1985
Delta R.T. -0.013 min
Lab File: VN069216.D
Acq: 27 Oct 2021 14:16

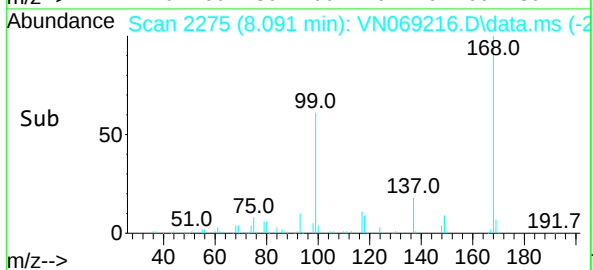
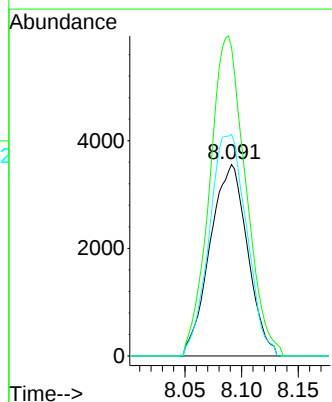
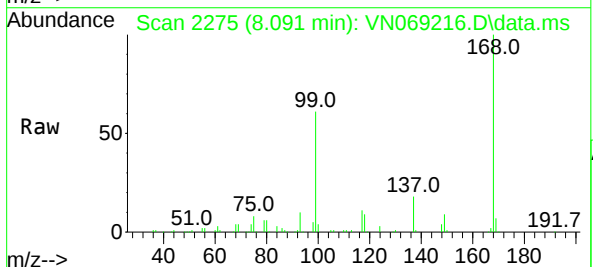
Instrument :
MSVOA_N
ClientSampled :

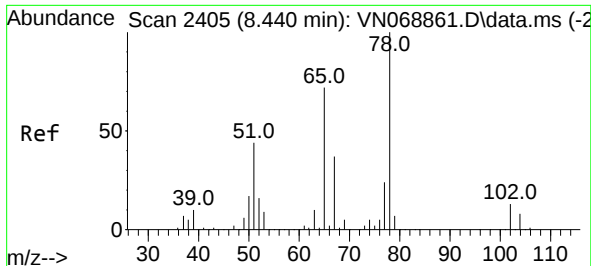
Tgt Ion: 77 Resp: 1734
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.6#



#31
Cyclohexane
Concen: 1.197 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.005 min
Lab File: VN069216.D
Acq: 27 Oct 2021 14:16

Tgt Ion: 56 Resp: 8187
Ion Ratio Lower Upper
56 100
69 161.1 26.9 40.3#
84 115.6 67.6 101.4#



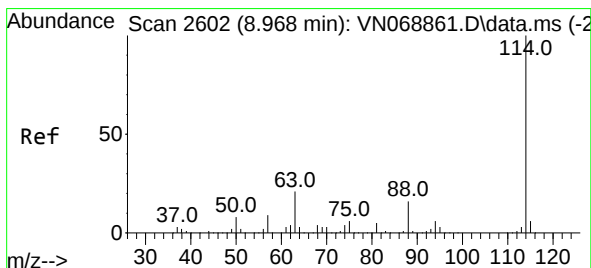
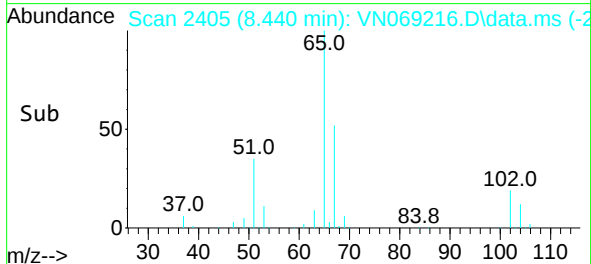
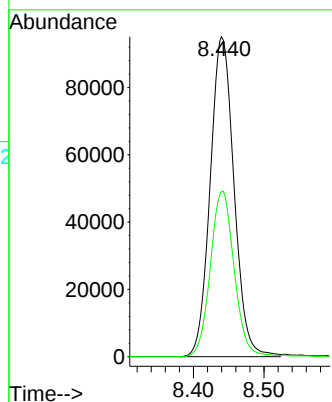
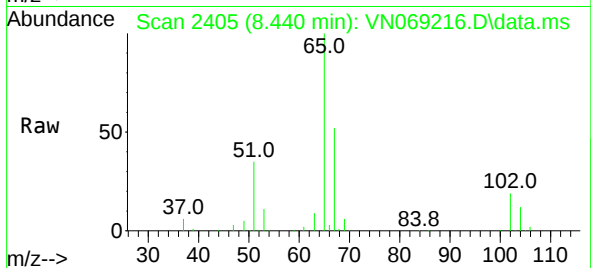


#33

1,2-Dichloroethane-d4
Concen: 50.793 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069216.D
Acq: 27 Oct 2021 14:16

Instrument :
MSVOA_N
ClientSampled :

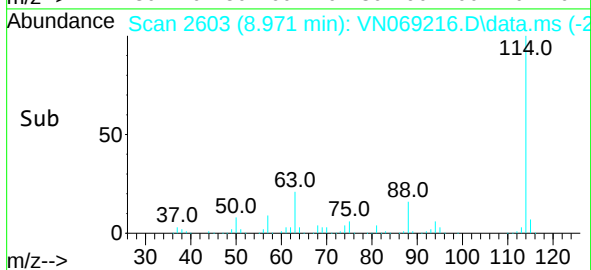
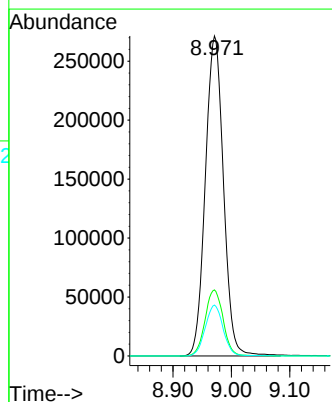
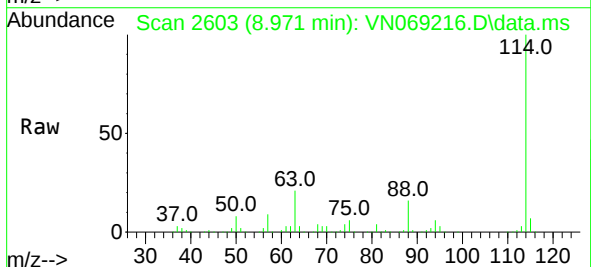
Tgt Ion: 65 Resp: 223361
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.8

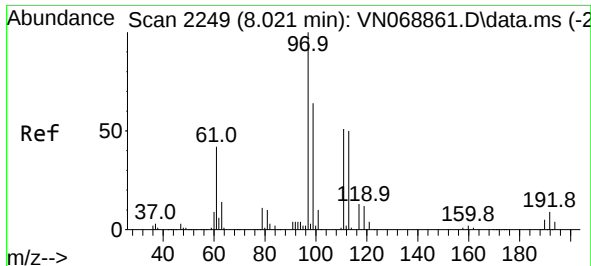


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069216.D
Acq: 27 Oct 2021 14:16

Tgt Ion: 114 Resp: 585290
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.6
88 15.9 0.0 32.0

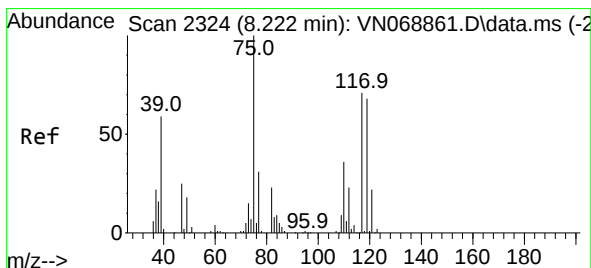
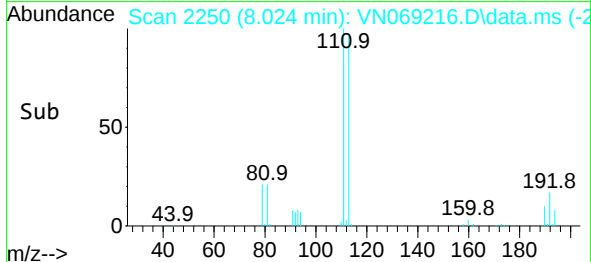
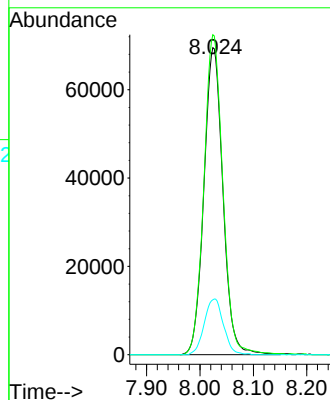
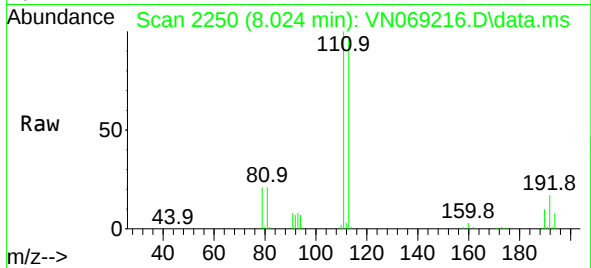




#35
Dibromofluoromethane
Concen: 50.458 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069216.D
Acq: 27 Oct 2021 14:16

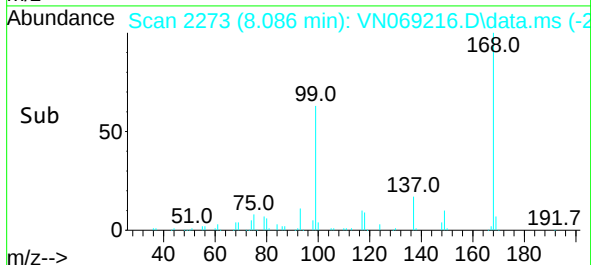
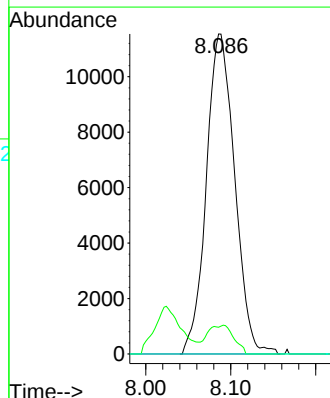
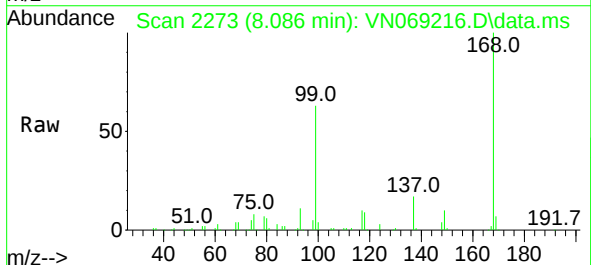
Instrument :
MSVOA_N
ClientSampled :

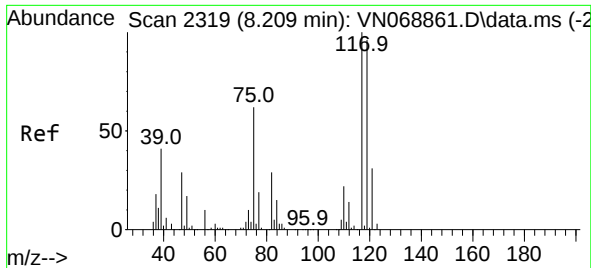
Tgt Ion:113 Resp: 171824
Ion Ratio Lower Upper
113 100
111 103.9 83.2 124.8
192 18.3 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.355 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN069216.D
Acq: 27 Oct 2021 14:16

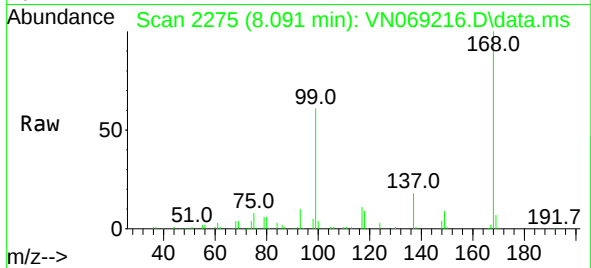
Tgt Ion: 75 Resp: 26773
Ion Ratio Lower Upper
75 100
110 1.9 17.9 53.8#
77 0.0 24.7 37.1#



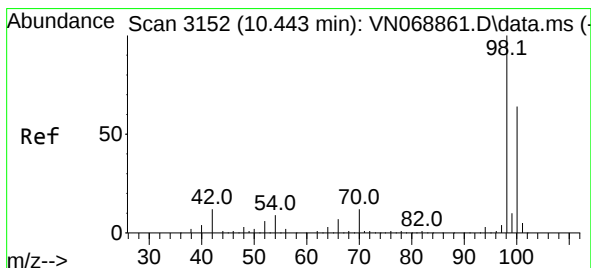
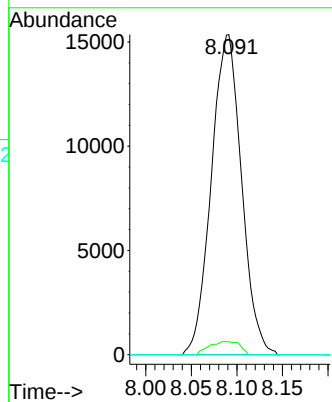
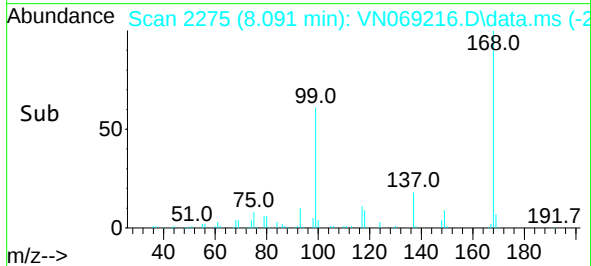


#38
Carbon Tetrachloride
Concen: 6.435 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.118 min
Lab File: VN069216.D
Acq: 27 Oct 2021 14:16

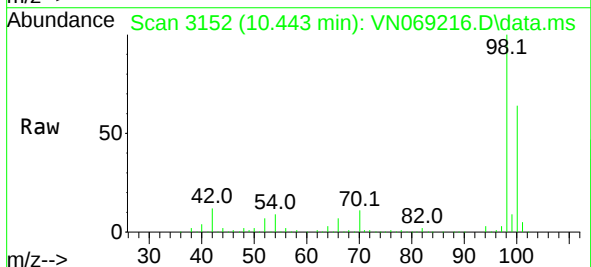
Instrument :
MSVOA_N
ClientSampled :



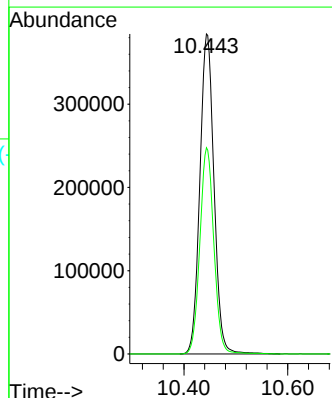
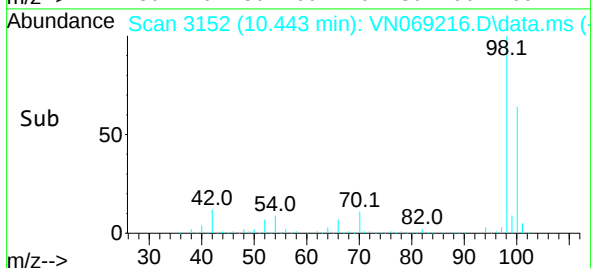
Tgt Ion:117 Resp: 35334
Ion Ratio Lower Upper
117 100
119 4.0 76.9 115.3#
121 0.0 24.6 37.0#

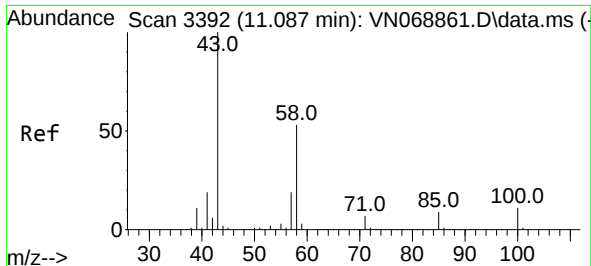


#50
Toluene-d8
Concen: 53.281 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069216.D
Acq: 27 Oct 2021 14:16



Tgt Ion: 98 Resp: 725953
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3

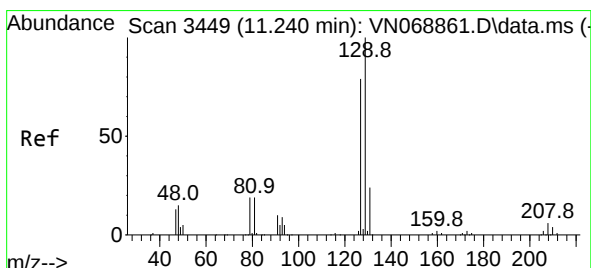
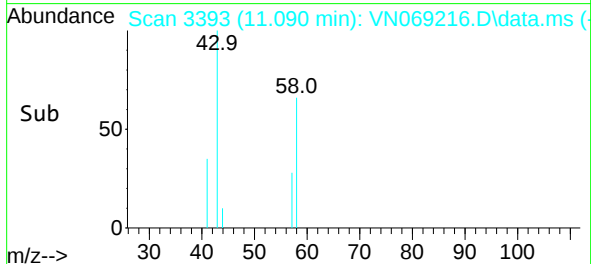
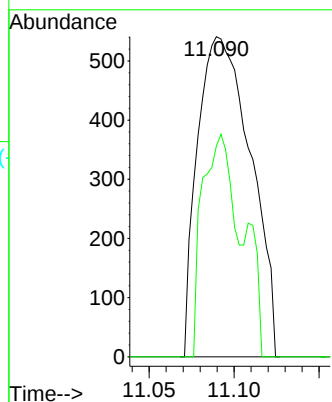
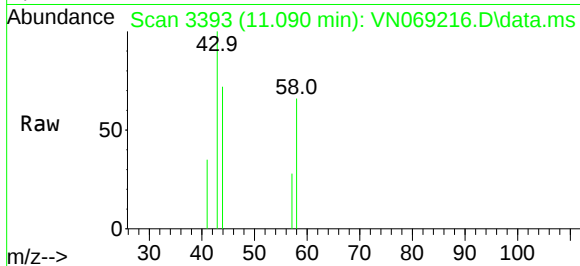




#59
2-Hexanone
Concen: 0.309 ug/l
RT: 11.090 min Scan# 3393
Delta R.T. 0.003 min
Lab File: VN069216.D
Acq: 27 Oct 2021 14:16

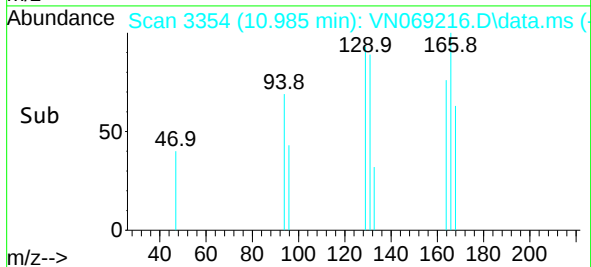
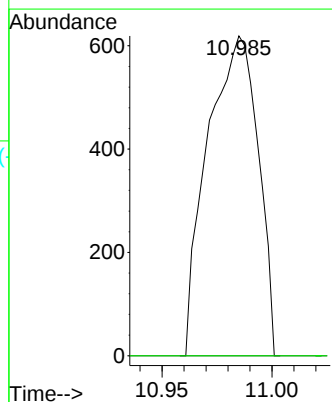
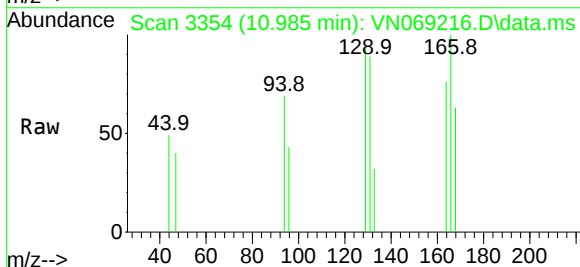
Instrument :
MSVOA_N
ClientSampleId :

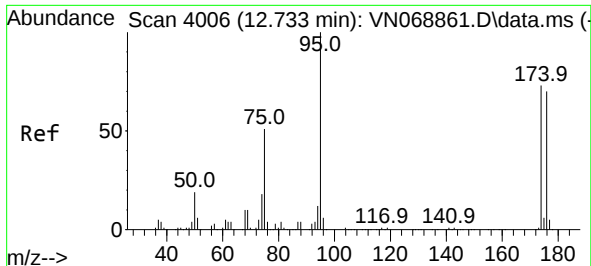
Tgt Ion: 43 Resp: 1172
Ion Ratio Lower Upper
43 100
58 40.7 26.9 80.7



#60
Dibromochloromethane
Concen: 0.227 ug/l
RT: 10.985 min Scan# 3354
Delta R.T. -0.255 min
Lab File: VN069216.D
Acq: 27 Oct 2021 14:16

Tgt Ion: 129 Resp: 988
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.2#

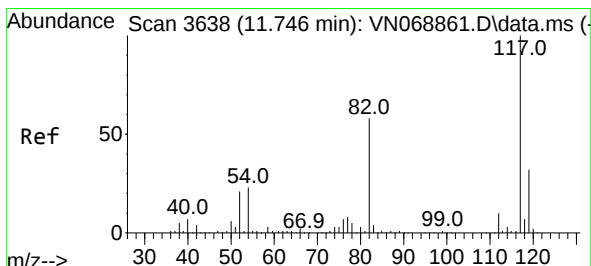
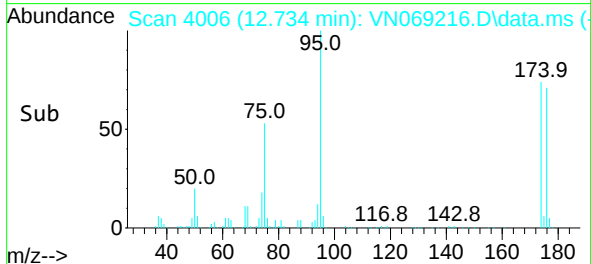
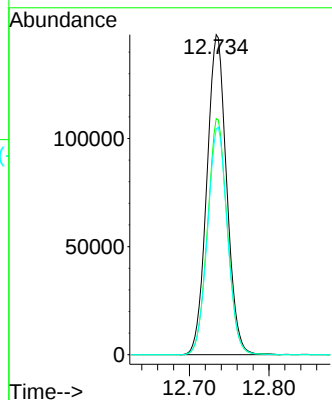
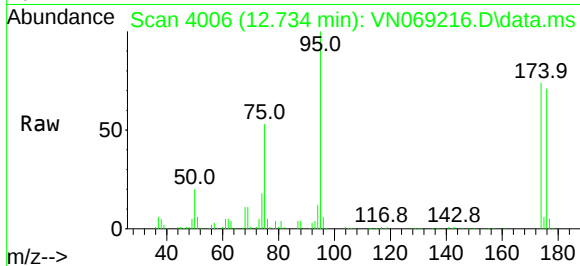




#62
4-Bromofluorobenzene
Concen: 49.737 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069216.D
Acq: 27 Oct 2021 14:16

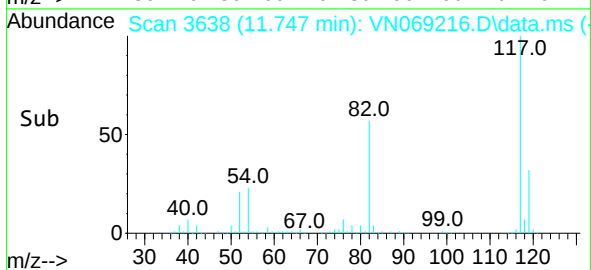
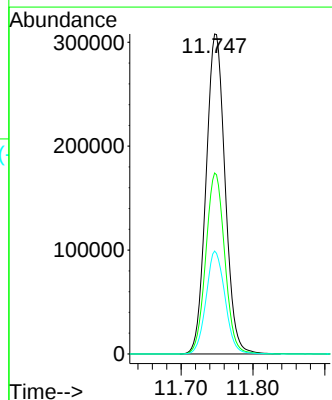
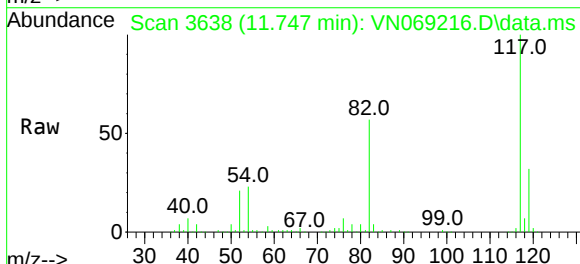
Instrument :
MSVOA_N
ClientSampled :

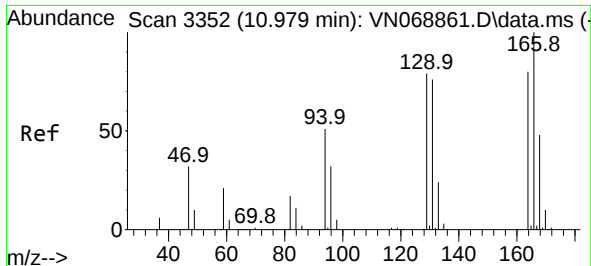
Tgt Ion: 95 Resp: 255676
Ion Ratio Lower Upper
95 100
174 73.4 0.0 144.8
176 71.5 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069216.D
Acq: 27 Oct 2021 14:16

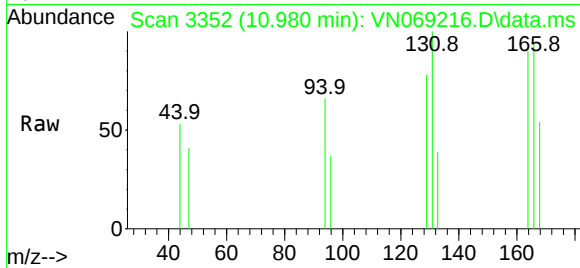
Tgt Ion: 117 Resp: 567130
Ion Ratio Lower Upper
117 100
82 56.5 46.4 69.6
119 32.2 26.0 39.0





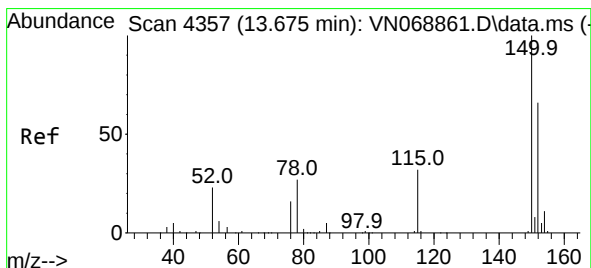
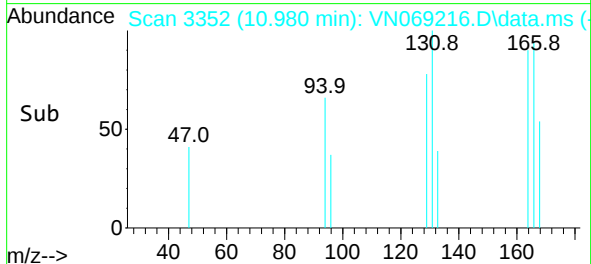
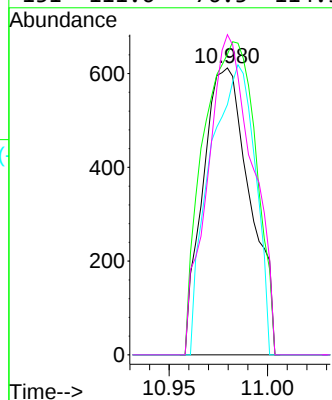
#64
Tetrachloroethene
Concen: 0.279 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN069216.D
Acq: 27 Oct 2021 14:16

Instrument :
MSVOA_N
ClientSampleId :

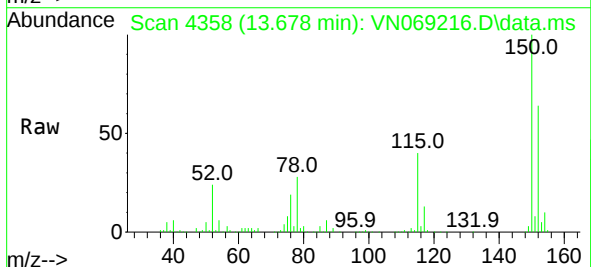


Tgt Ion:164 Resp: 1019

Ion	Ratio	Lower	Upper
164	100		
166	104.7	99.8	149.8
129	87.3	79.2	118.8
131	111.6	76.3	114.5

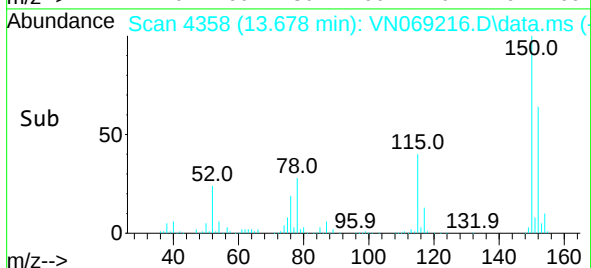
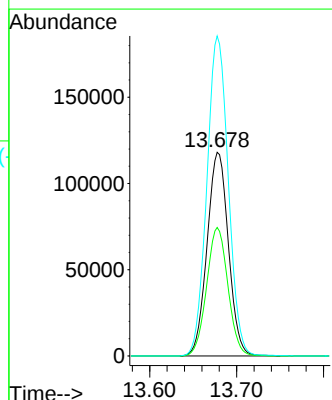


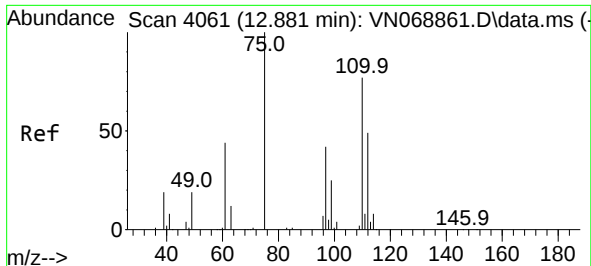
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069216.D
Acq: 27 Oct 2021 14:16



Tgt Ion:152 Resp: 201474

Ion	Ratio	Lower	Upper
152	100		
115	62.9	31.4	94.3
150	157.8	0.0	351.0

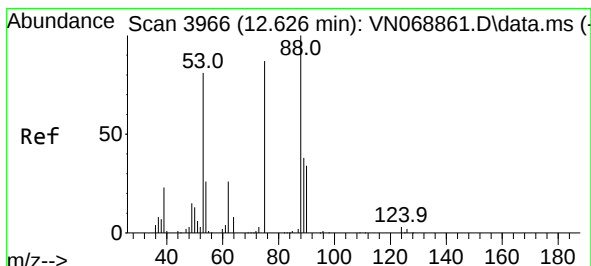
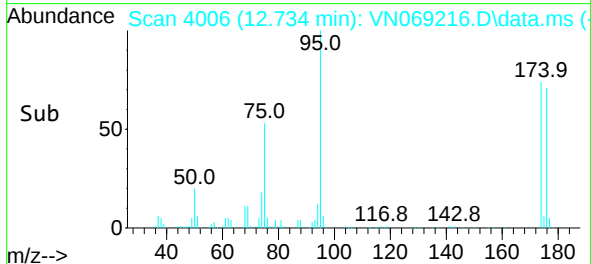
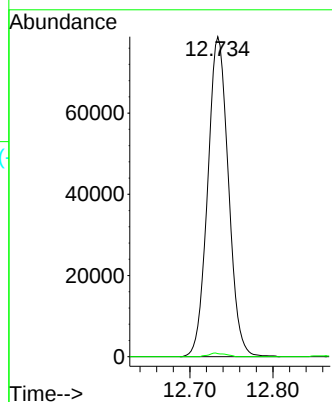
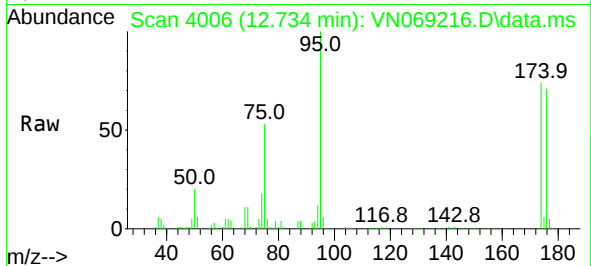




#76
1,2,3-Trichloropropane
Concen: 31.787 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN069216.D
Acq: 27 Oct 2021 14:16

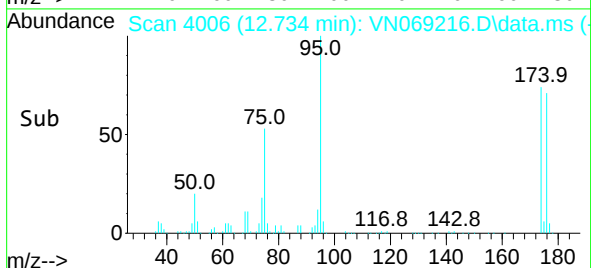
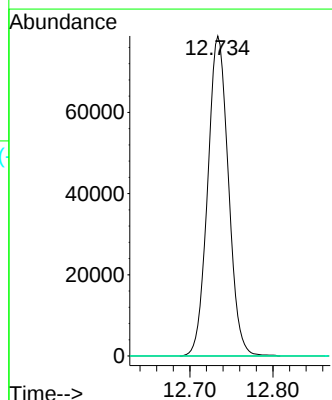
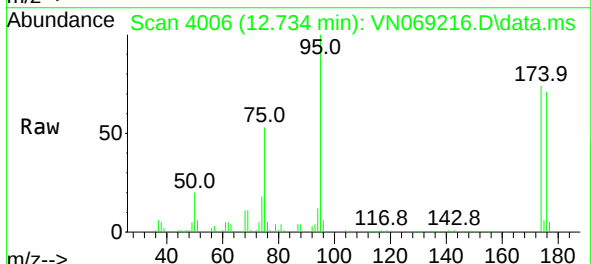
Instrument :
MSVOA_N
ClientSampleId :

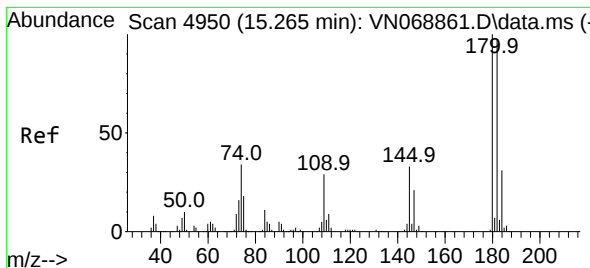
Tgt Ion: 75 Resp: 136265
Ion Ratio Lower Upper
75 100
77 0.9 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.049 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069216.D
Acq: 27 Oct 2021 14:16

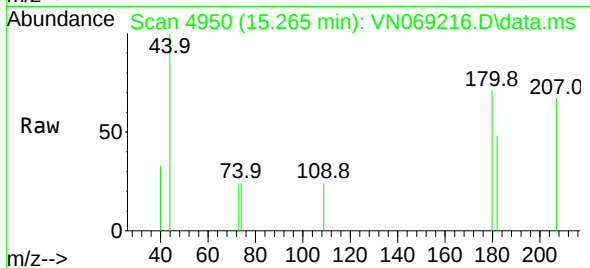
Tgt Ion: 75 Resp: 136265
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



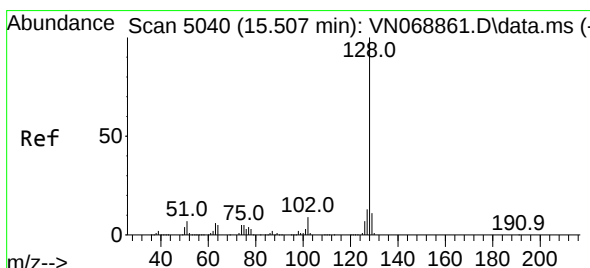
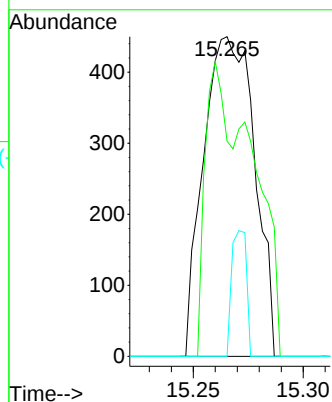
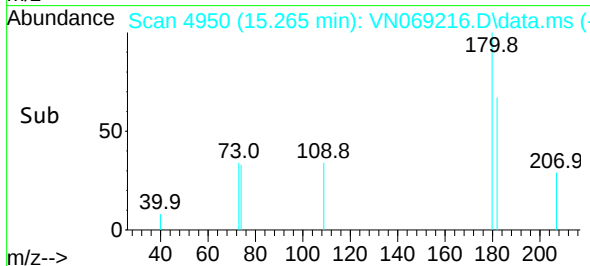


#93
1,2,4-Trichlorobenzene
Concen: 2.805 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069216.D
Acq: 27 Oct 2021 14:16

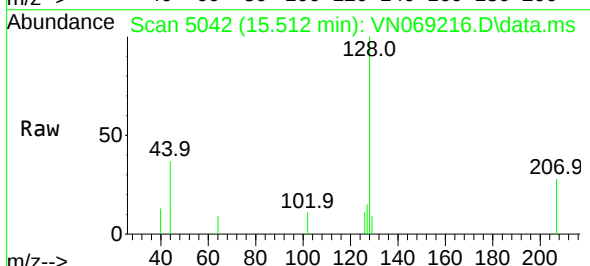
Instrument :
MSVOA_N
ClientSampled :



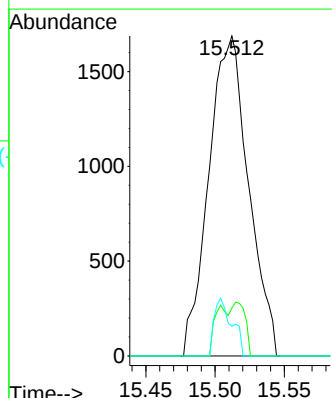
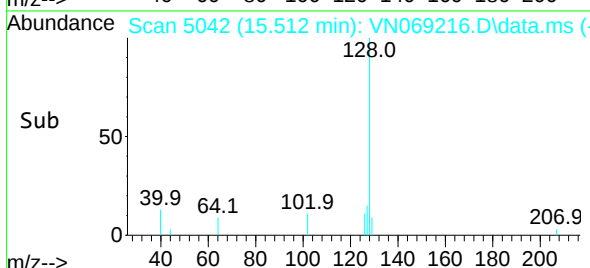
Tgt Ion:180 Resp: 726
Ion Ratio Lower Upper
180 100
182 44.5 47.9 143.7#
145 11.3 16.4 49.2#

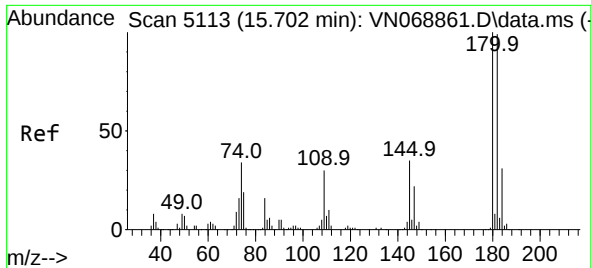


#95
Naphthalene
Concen: 4.145 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN069216.D
Acq: 27 Oct 2021 14:16



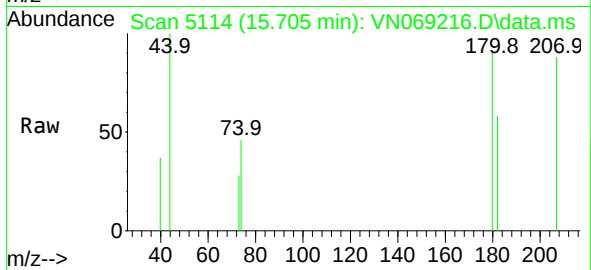
Tgt Ion:128 Resp: 3369
Ion Ratio Lower Upper
128 100
127 5.9 10.5 15.7#
129 0.0 8.9 13.3#





#96
1,2,3-Trichlorobenzene
Concen: 2.719 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.003 min
Lab File: VN069216.D
Acq: 27 Oct 2021 14:16

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:180 Resp: 695
Ion Ratio Lower Upper
180 100
182 60.3 48.1 144.3
145 0.0 17.4 52.2#

