

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069218.D
 Acq On : 27 Oct 2021 15:06
 Operator : JC/MD
 Sample : M4337-18
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 28 05:21:25 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)

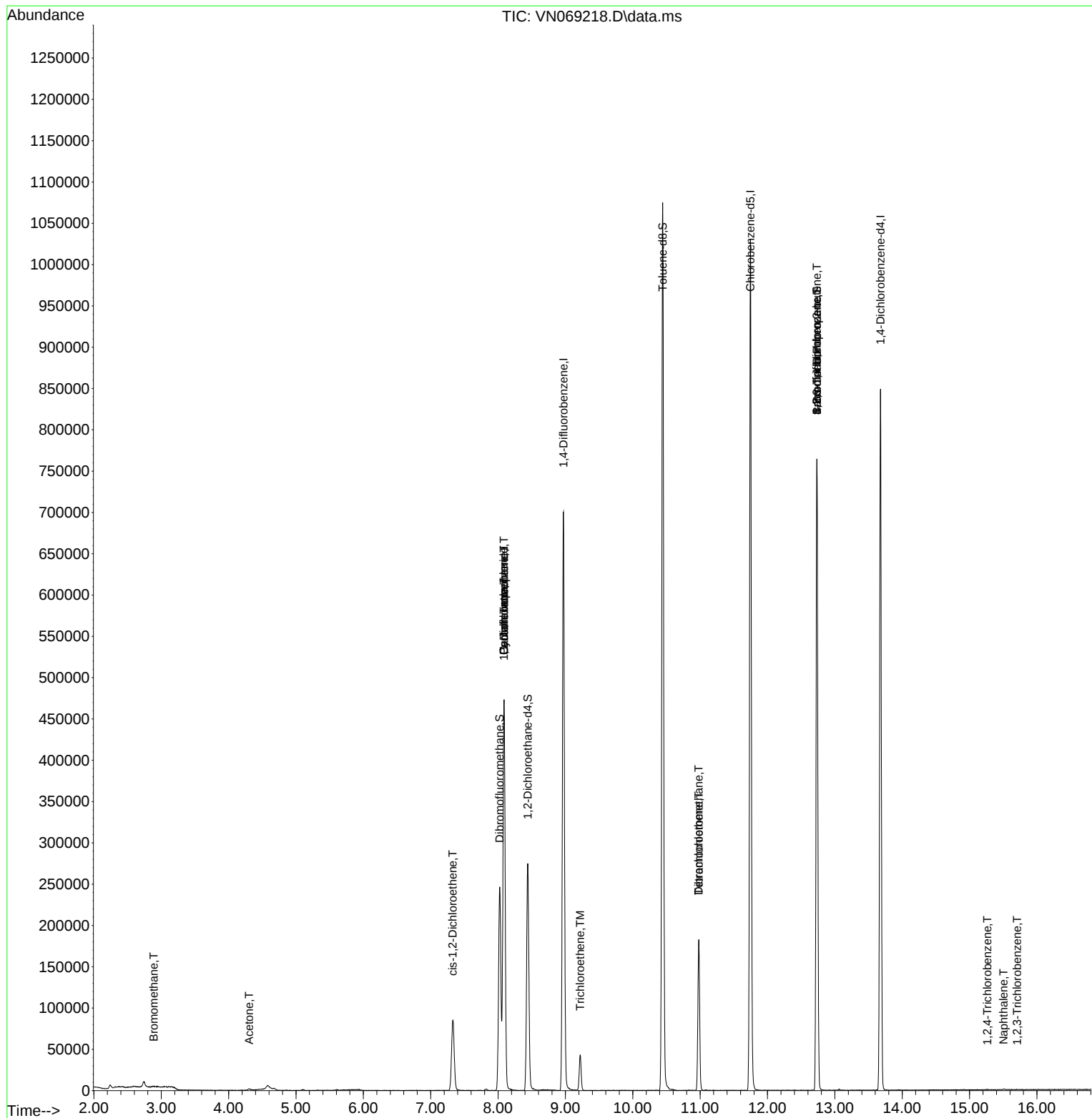
Internal Standards						
1) Pentafluorobenzene	8.088	168	358364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	627615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	599295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	221758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	236612	50.078	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 100.160%		
35) Dibromofluoromethane	8.024	113	182425	49.959	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 99.920%		
50) Toluene-d8	10.443	98	776358	53.138	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 106.280%		
62) 4-Bromofluorobenzene	12.734	95	279004	50.615	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 101.220%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.888	94	616	0.252	ug/l #	69
16) Acetone	4.304	43	2096	1.189	ug/l #	86
27) cis-1,2-Dichloroethene	7.327	96	53237	11.772	ug/l	89
31) Cyclohexane	8.088	56	8091	1.101	ug/l #	10
36) 1,1-Dichloropropene	8.086	75	29603	5.522	ug/l #	49
38) Carbon Tetrachloride	8.088	117	37132	6.307	ug/l #	15
44) Trichloroethene	9.218	130	15789	3.865	ug/l	99
60) Dibromochloromethane	10.980	129	41253	8.826	ug/l #	10
64) Tetrachloroethene	10.980	164	40765	10.559	ug/l	95
71) Bromoform	12.734	173	1176	0.331	ug/l #	1
76) 1,2,3-Trichloropropane	12.734	75	147589	31.280	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	147589	74.835	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.263	180	175	2.646	ug/l #	35
95) Naphthalene	15.504	128	1280	3.927	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.705	180	113	2.544	ug/l #	68

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

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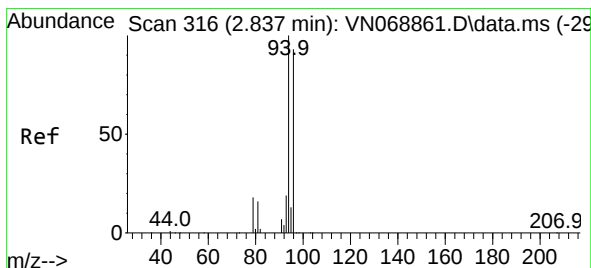
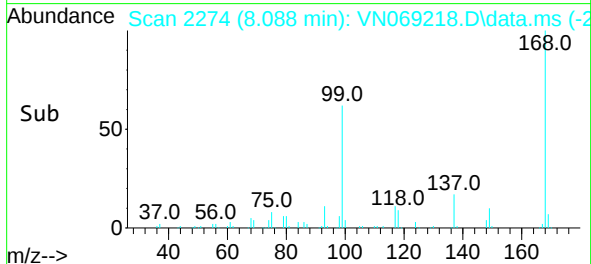
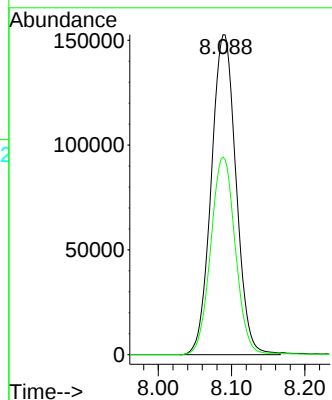
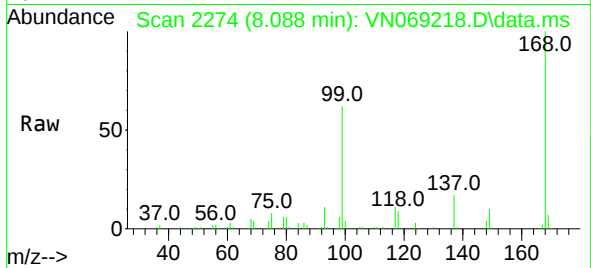




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069218.D
Acq: 27 Oct 2021 15:06

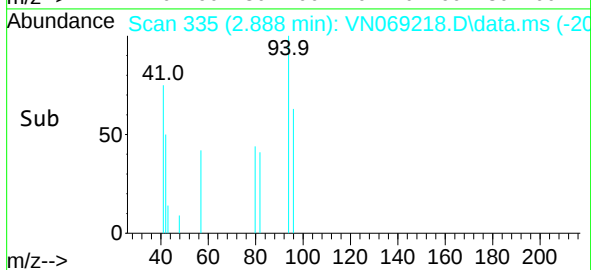
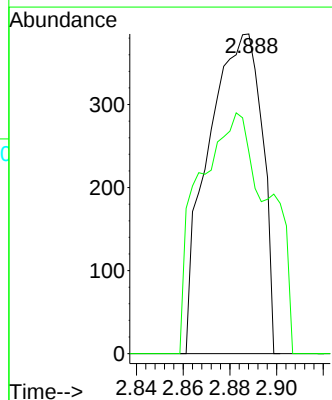
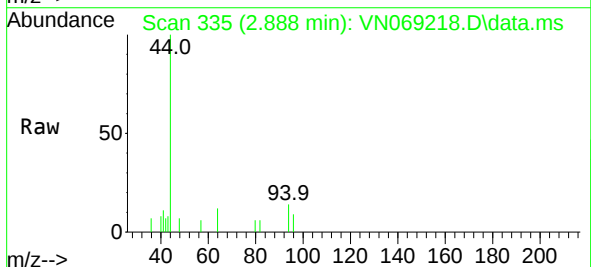
Instrument :
MSVOA_N
ClientSampleId :

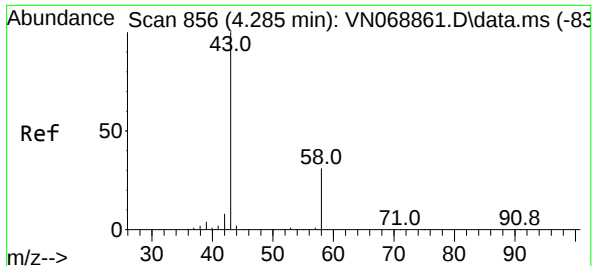
Tgt Ion:168 Resp: 358364
Ion Ratio Lower Upper
168 100
99 61.8 48.9 73.3



#5
Bromomethane
Concen: 0.252 ug/l
RT: 2.888 min Scan# 335
Delta R.T. 0.051 min
Lab File: VN069218.D
Acq: 27 Oct 2021 15:06

Tgt Ion: 94 Resp: 616
Ion Ratio Lower Upper
94 100
96 63.1 74.2 111.4#

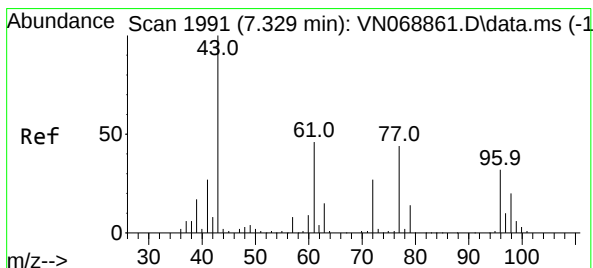
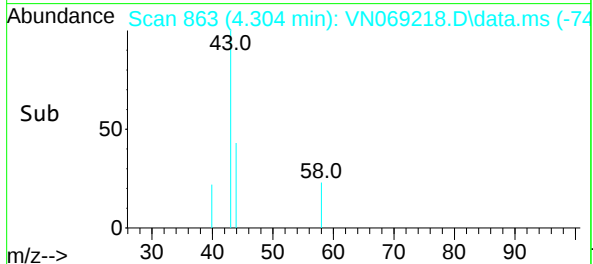
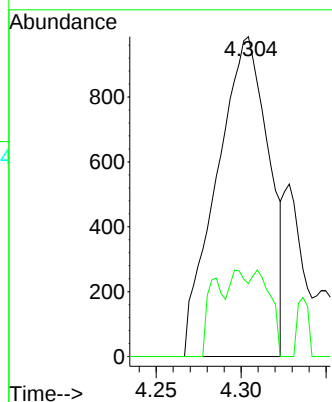
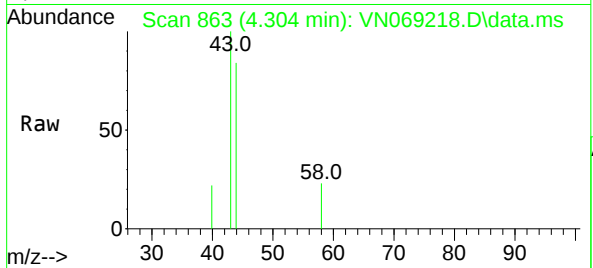




#16
Acetone
Concen: 1.189 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.019 min
Lab File: VN069218.D
Acq: 27 Oct 2021 15:06

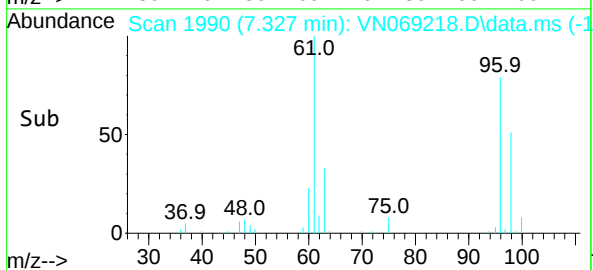
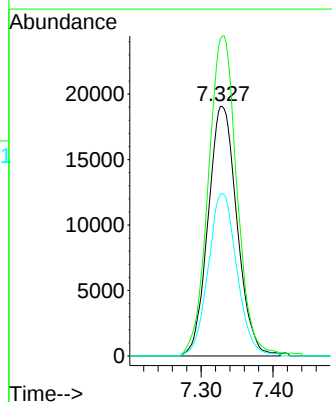
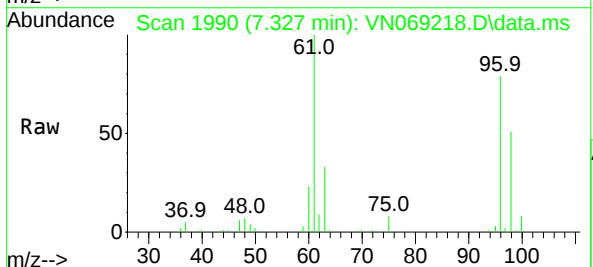
Instrument :
MSVOA_N
ClientSampled :

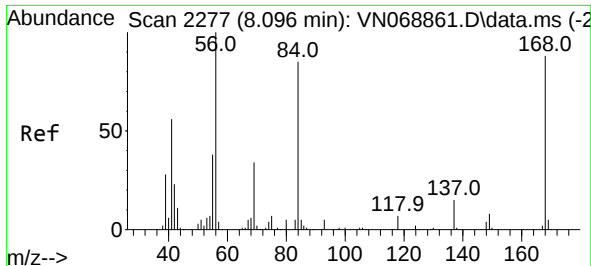
Tgt Ion: 43 Resp: 2096
Ion Ratio Lower Upper
43 100
58 22.8 24.5 36.7#



#27
cis-1,2-Dichloroethene
Concen: 11.772 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.003 min
Lab File: VN069218.D
Acq: 27 Oct 2021 15:06

Tgt Ion: 96 Resp: 53237
Ion Ratio Lower Upper
96 100
61 127.1 0.0 290.6
98 64.6 0.0 127.2

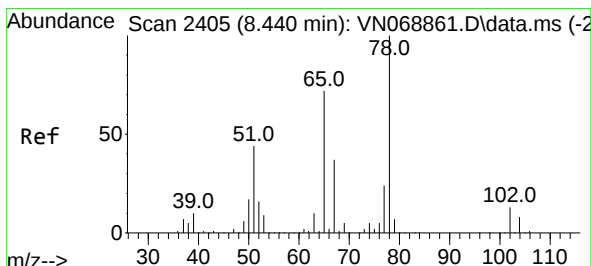
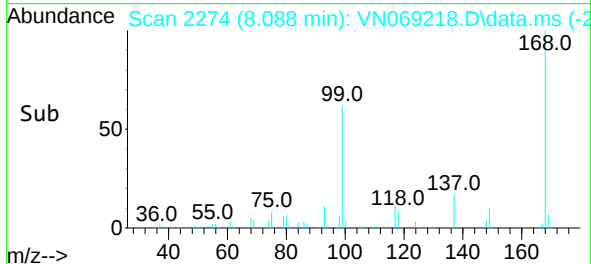
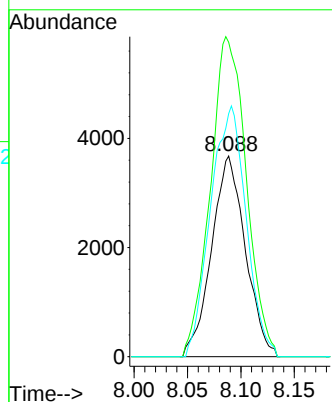
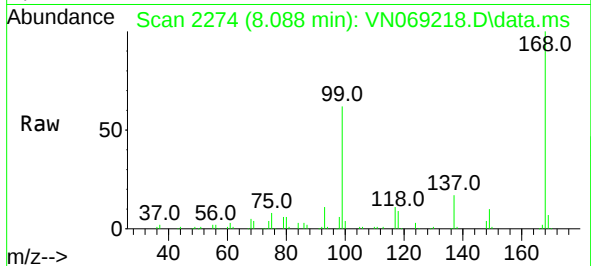




#31
Cyclohexane
Concen: 1.101 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN069218.D
Acq: 27 Oct 2021 15:06

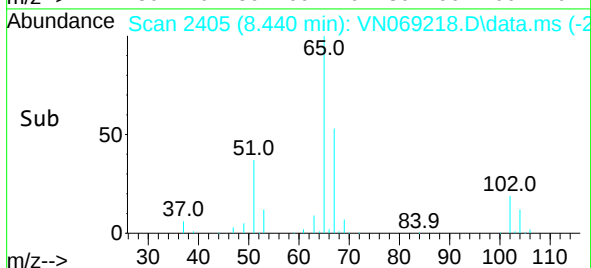
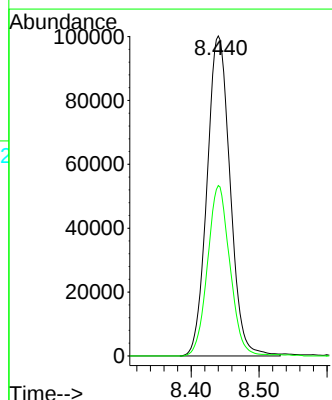
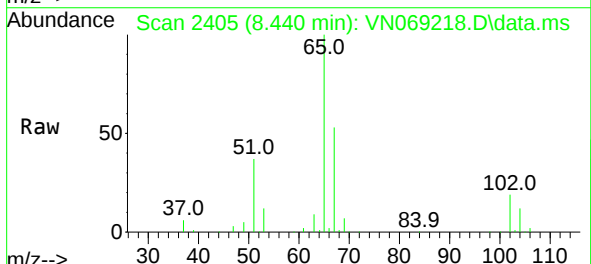
Instrument :
MSVOA_N
ClientSampleId :

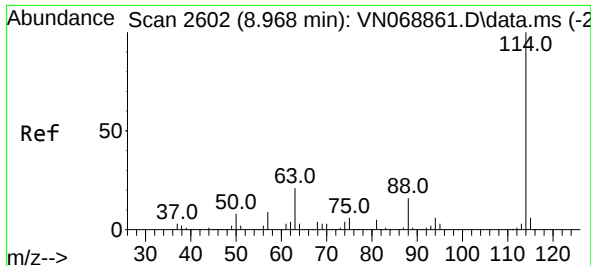
Tgt Ion: 56 Resp: 8091
Ion Ratio Lower Upper
56 100
69 156.7 26.9 40.3#
84 121.2 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 50.078 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069218.D
Acq: 27 Oct 2021 15:06

Tgt Ion: 65 Resp: 236612
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.8

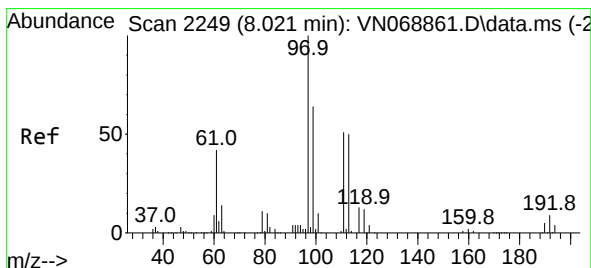
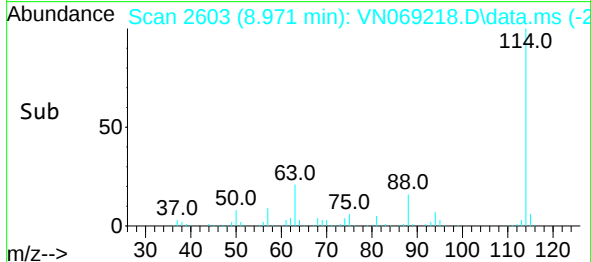
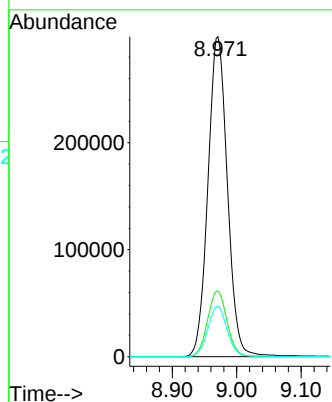
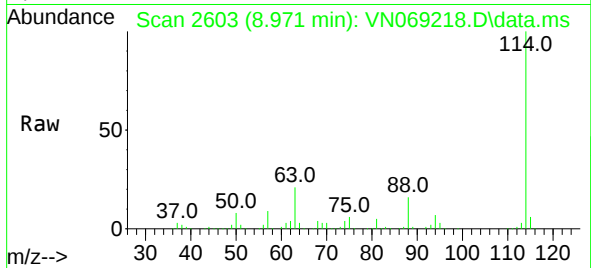




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069218.D
Acq: 27 Oct 2021 15:06

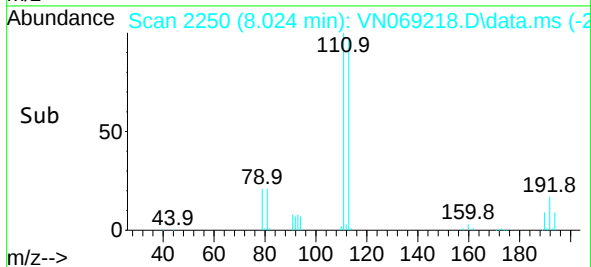
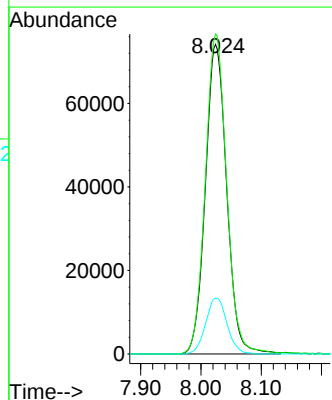
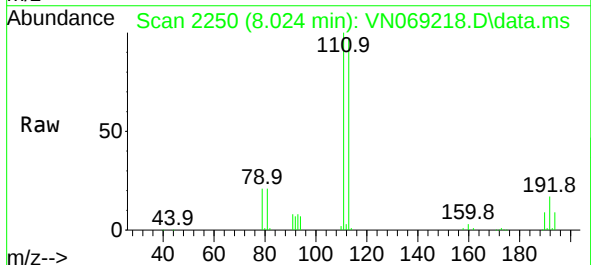
Instrument :
MSVOA_N
ClientSampled :

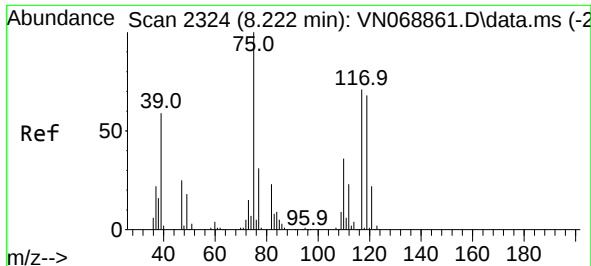
Tgt Ion:114 Resp: 627615
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.6
88 15.7 0.0 32.0



#35
Dibromofluoromethane
Concen: 49.959 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069218.D
Acq: 27 Oct 2021 15:06

Tgt Ion:113 Resp: 182425
Ion Ratio Lower Upper
113 100
111 103.5 83.2 124.8
192 18.1 15.0 22.4

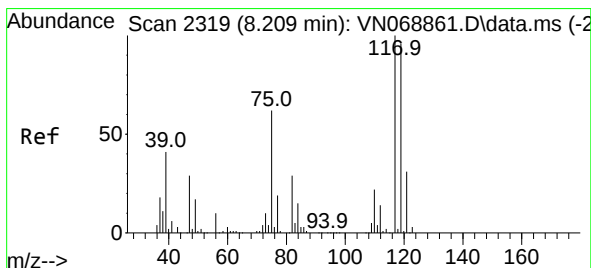
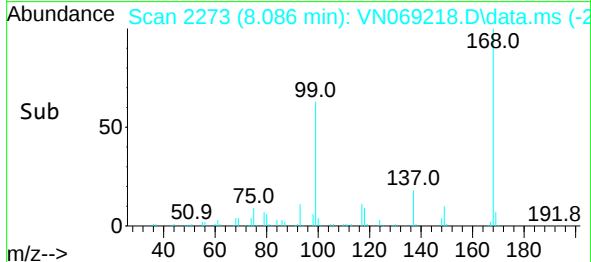
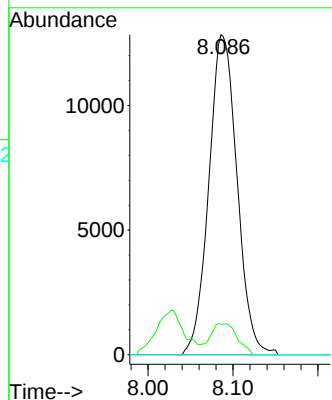
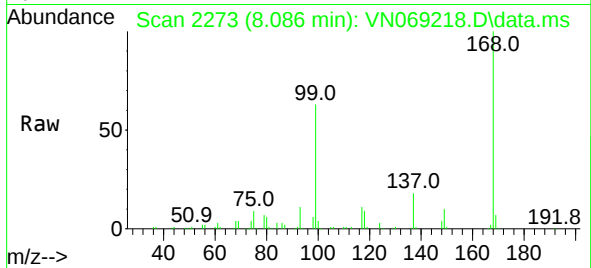




#36
1,1-Dichloropropene
Concen: 5.522 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN069218.D
Acq: 27 Oct 2021 15:06

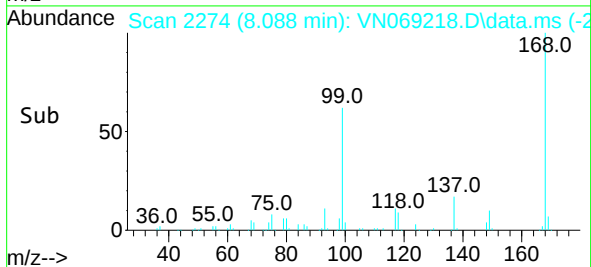
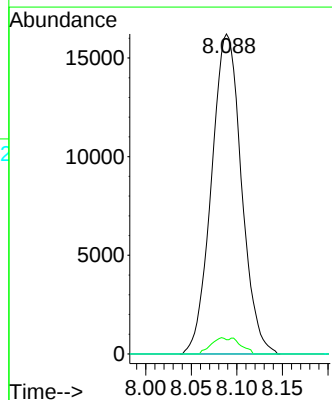
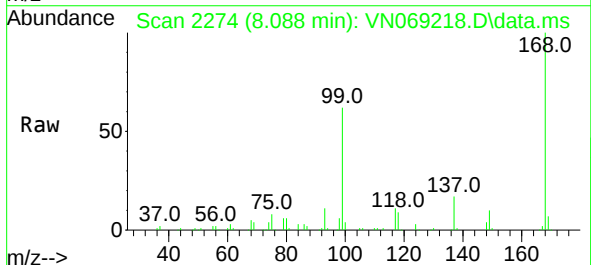
Instrument :
MSVOA_N
ClientSampled :

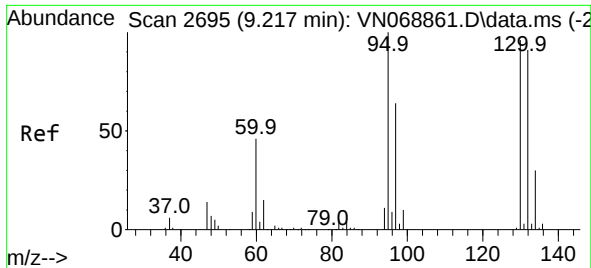
Tgt Ion: 75 Resp: 29603
Ion Ratio Lower Upper
75 100
110 9.1 17.9 53.8#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.307 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN069218.D
Acq: 27 Oct 2021 15:06

Tgt Ion: 117 Resp: 37132
Ion Ratio Lower Upper
117 100
119 4.4 76.9 115.3#
121 0.0 24.6 37.0#

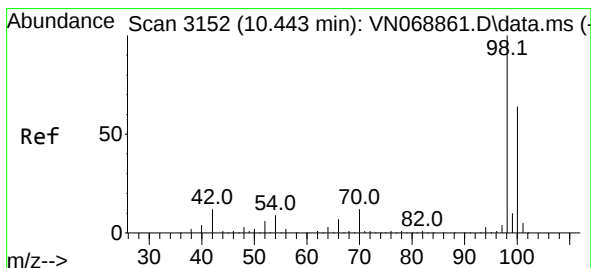
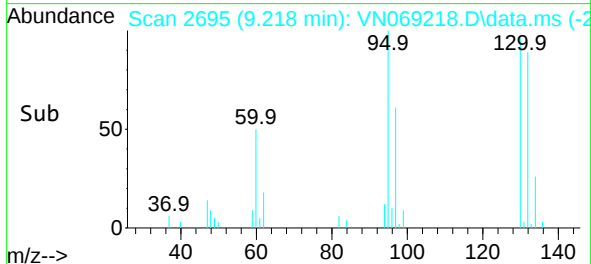
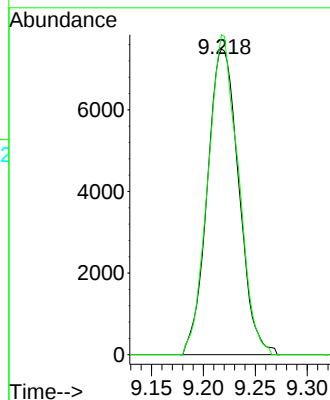
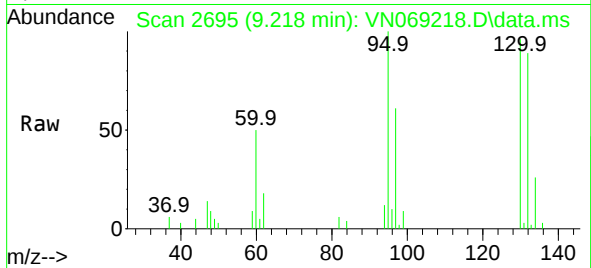




#44
Trichloroethene
Concen: 3.865 ug/l
RT: 9.218 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069218.D
Acq: 27 Oct 2021 15:06

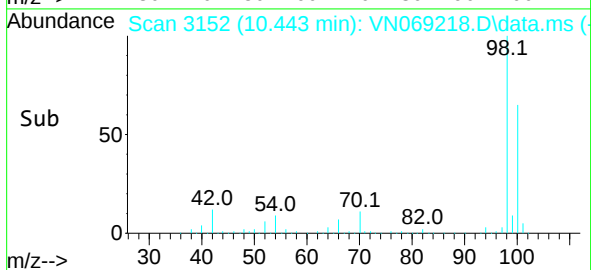
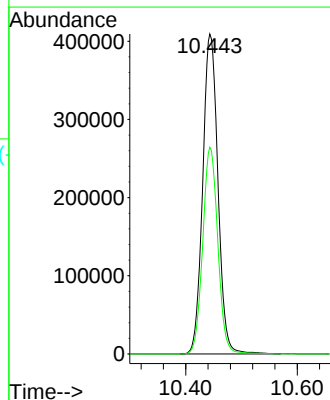
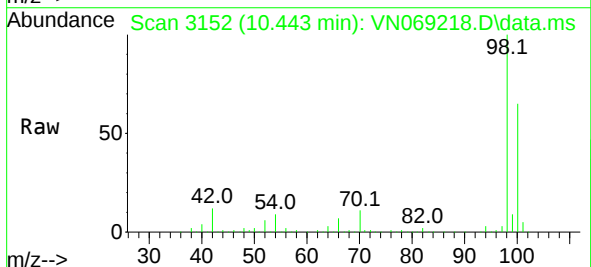
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MSVOA_N
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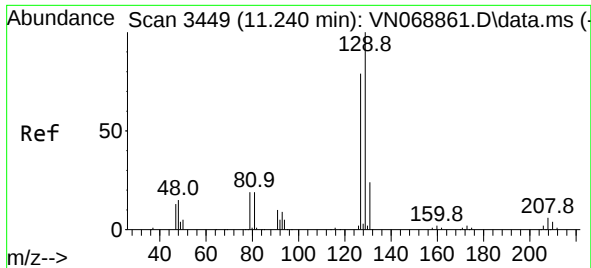
Tgt Ion:130 Resp: 15789
Ion Ratio Lower Upper
130 100
95 104.6 0.0 208.0



#50
Toluene-d8
Concen: 53.138 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069218.D
Acq: 27 Oct 2021 15:06

Tgt Ion: 98 Resp: 776358
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3

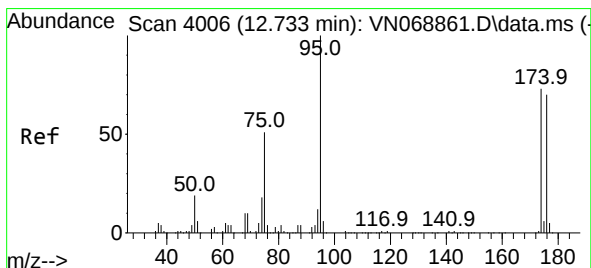
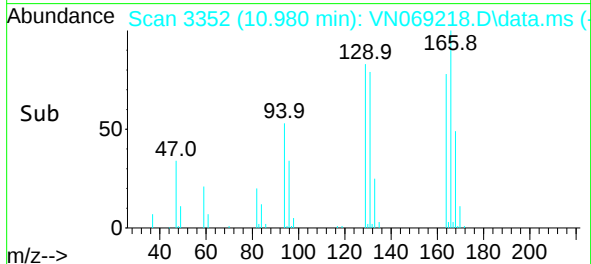
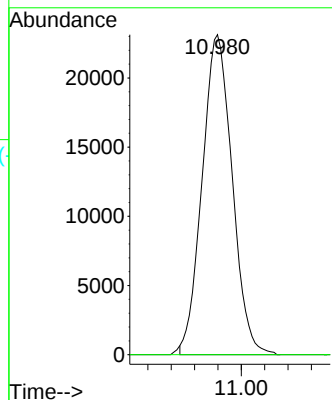
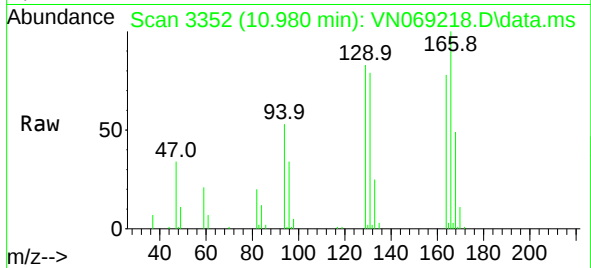




#60
Dibromochloromethane
Concen: 8.826 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. -0.260 min
Lab File: VN069218.D
Acq: 27 Oct 2021 15:06

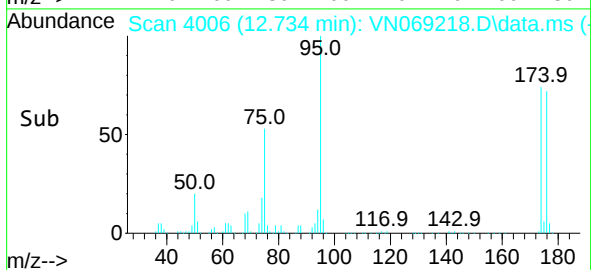
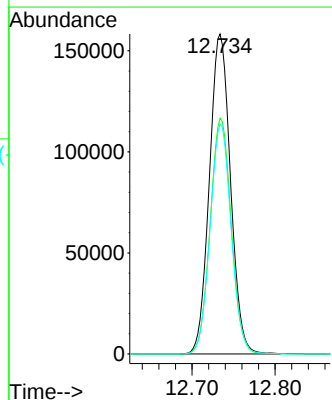
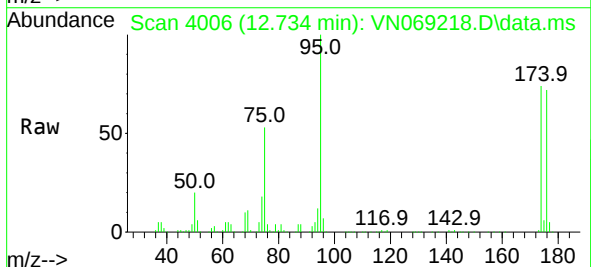
Instrument :
MSVOA_N
ClientSampled :

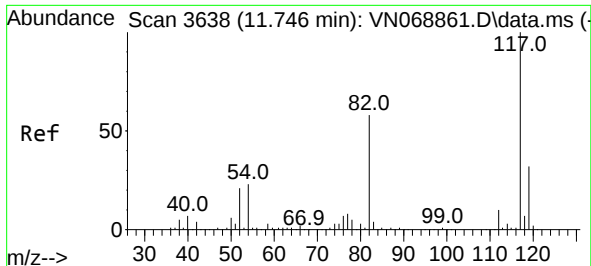
Tgt Ion:129 Resp: 41253
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.2#



#62
4-Bromofluorobenzene
Concen: 50.615 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069218.D
Acq: 27 Oct 2021 15:06

Tgt Ion: 95 Resp: 279004
Ion Ratio Lower Upper
95 100
174 73.7 0.0 144.8
176 71.8 0.0 140.0

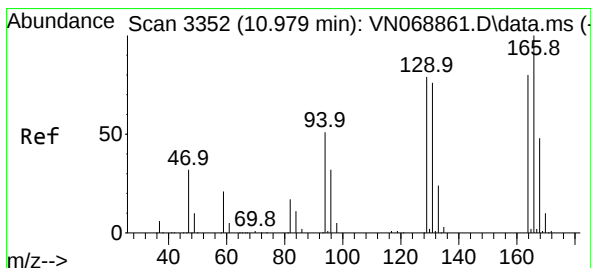
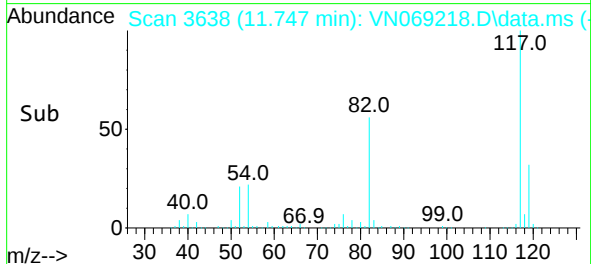
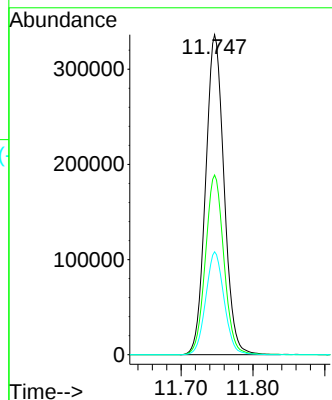
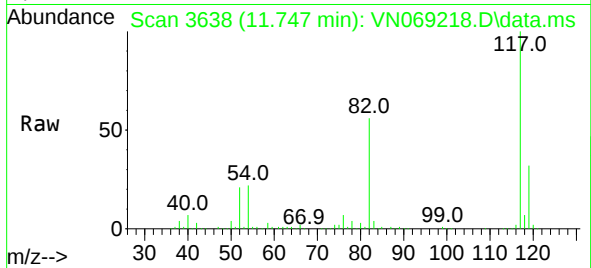




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069218.D
Acq: 27 Oct 2021 15:06

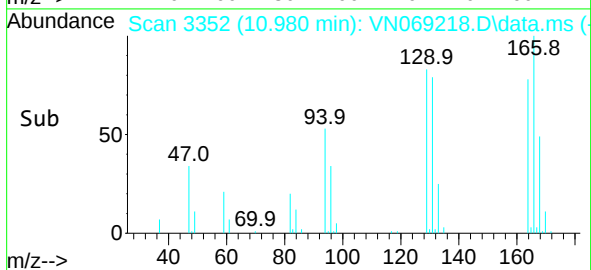
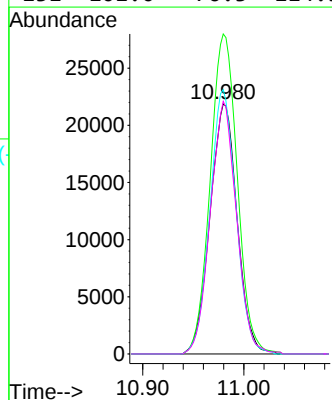
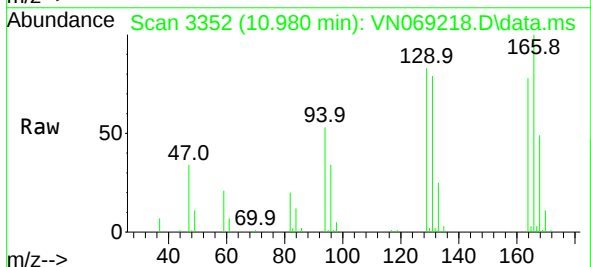
Instrument :
MSVOA_N
ClientSampleId :

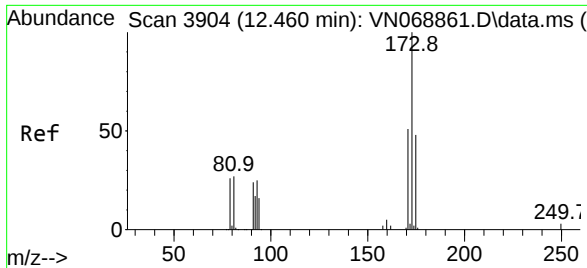
Tgt Ion:117 Resp: 599295
Ion Ratio Lower Upper
117 100
82 56.1 46.4 69.6
119 32.2 26.0 39.0



#64
Tetrachloroethene
Concen: 10.559 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN069218.D
Acq: 27 Oct 2021 15:06

Tgt Ion:164 Resp: 40765
Ion Ratio Lower Upper
164 100
166 128.0 99.8 149.8
129 105.7 79.2 118.8
131 101.0 76.3 114.5

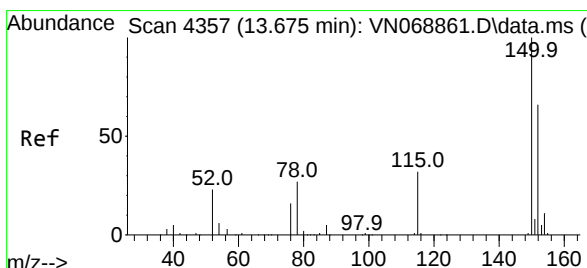
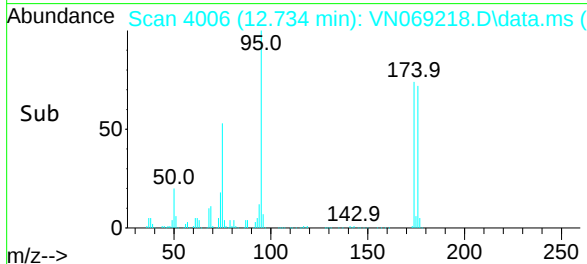
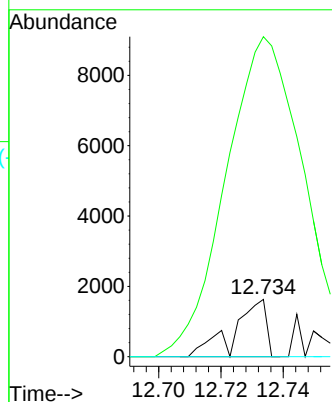
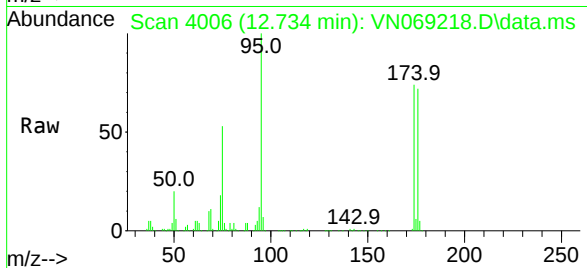




#71
Bromoform
Concen: 0.331 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.274 min
Lab File: VN069218.D
Acq: 27 Oct 2021 15:06

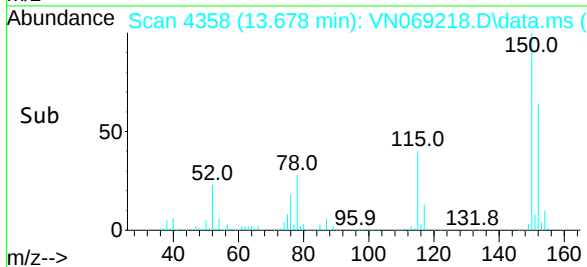
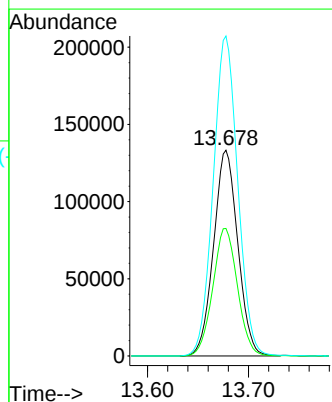
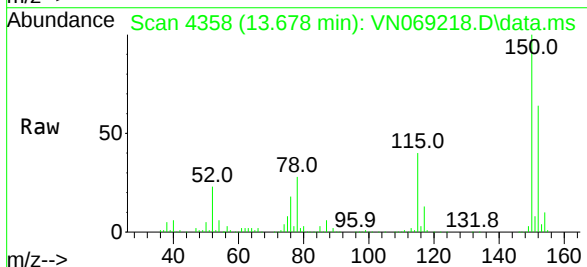
Instrument :
MSVOA_N
ClientSampled :

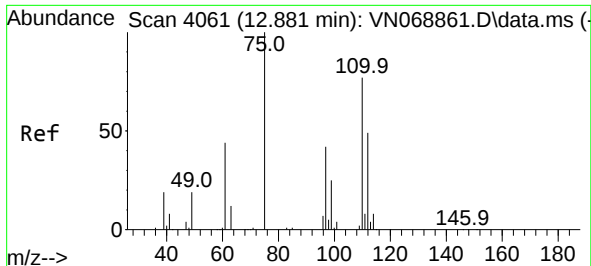
Tgt Ion:173 Resp: 1176
Ion Ratio Lower Upper
173 100
175 1244.1 23.8 71.5#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069218.D
Acq: 27 Oct 2021 15:06

Tgt Ion:152 Resp: 221758
Ion Ratio Lower Upper
152 100
115 63.1 31.4 94.3
150 157.8 0.0 351.0

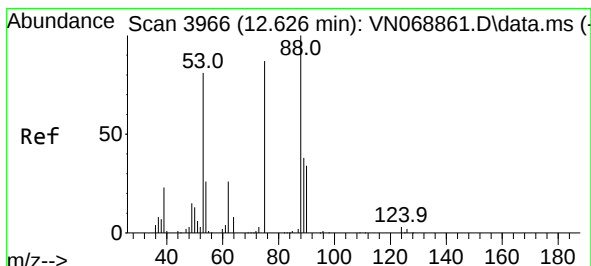
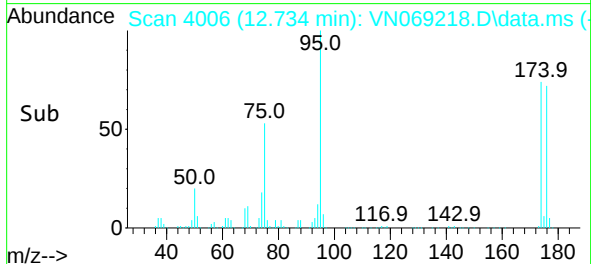
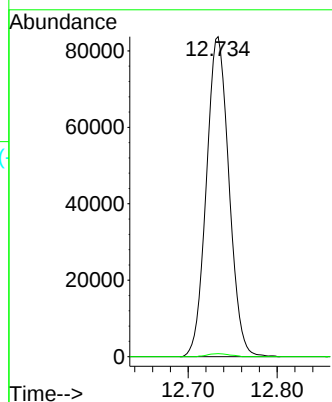
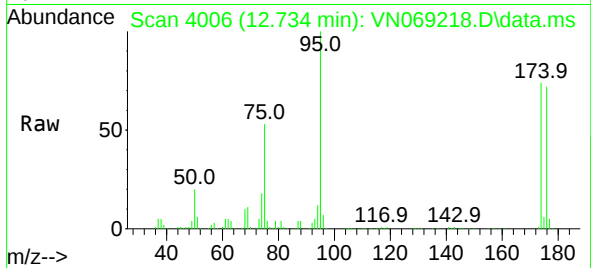




#76
1,2,3-Trichloropropane
Concen: 31.280 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN069218.D
Acq: 27 Oct 2021 15:06

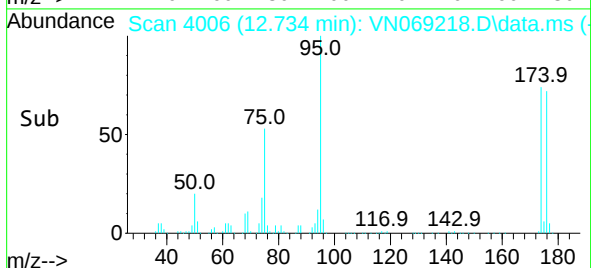
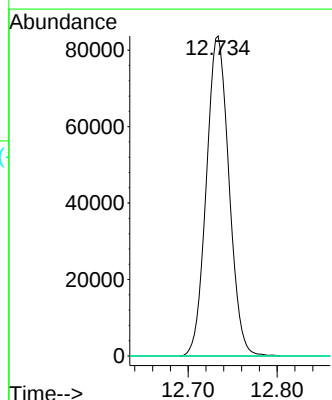
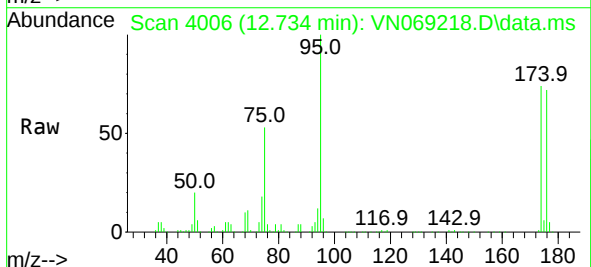
Instrument :
MSVOA_N
ClientSampled :

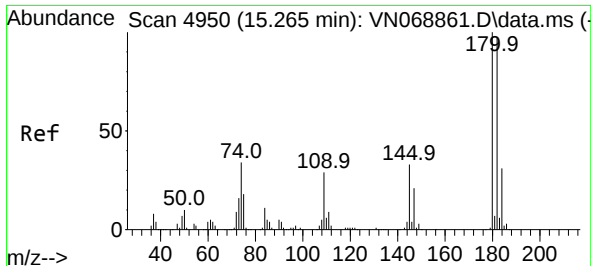
Tgt Ion: 75 Resp: 147589
Ion Ratio Lower Upper
75 100
77 0.9 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.835 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069218.D
Acq: 27 Oct 2021 15:06

Tgt Ion: 75 Resp: 147589
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#

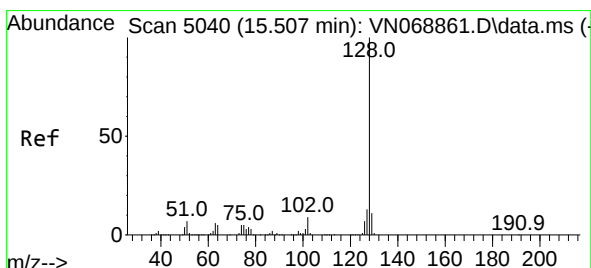
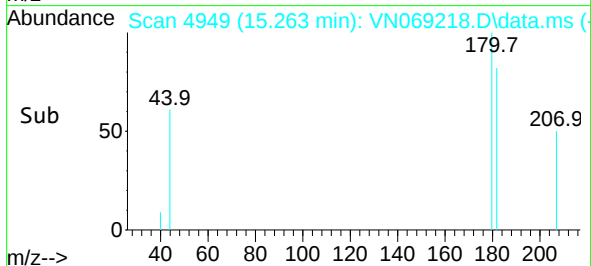
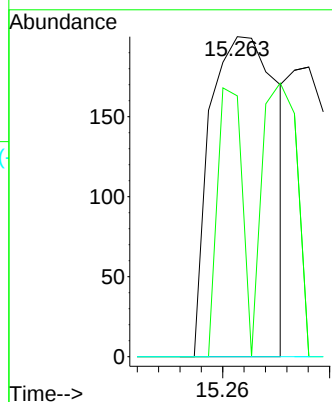
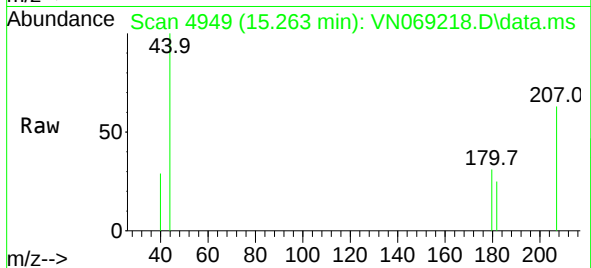




#93
1,2,4-Trichlorobenzene
Concen: 2.646 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN069218.D
Acq: 27 Oct 2021 15:06

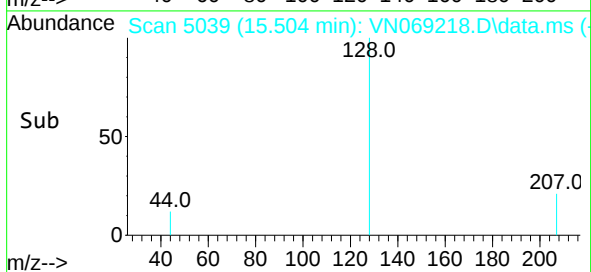
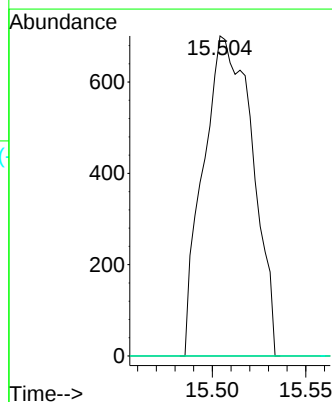
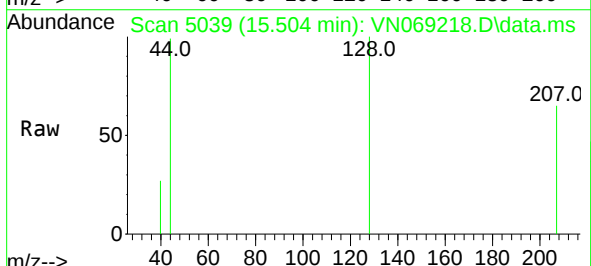
Instrument :
MSVOA_N
ClientSampleId :

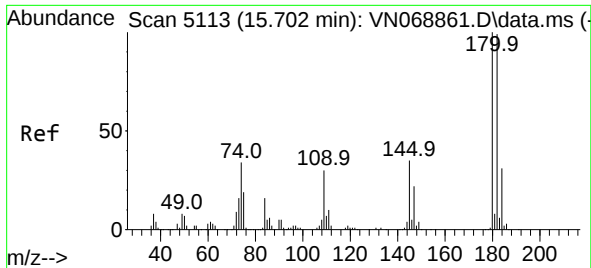
Tgt Ion:180 Resp: 175
Ion Ratio Lower Upper
180 100
182 30.3 47.9 143.7#
145 0.0 16.4 49.2#



#95
Naphthalene
Concen: 3.927 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN069218.D
Acq: 27 Oct 2021 15:06

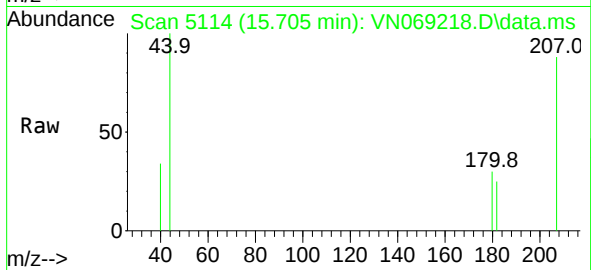
Tgt Ion:128 Resp: 1280
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.544 ug/l
 RT: 15.705 min Scan# 5114
 Delta R.T. 0.003 min
 Lab File: VN069218.D
 Acq: 27 Oct 2021 15:06

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 113
 Ion Ratio Lower Upper
 180 100
 182 74.3 48.1 144.3
 145 0.0 17.4 52.2#

