

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101921\
 Data File : VN069026.D
 Acq On : 19 Oct 2021 15:18
 Operator : JC/MD
 Sample : M4251-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 20 05:48:41 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)

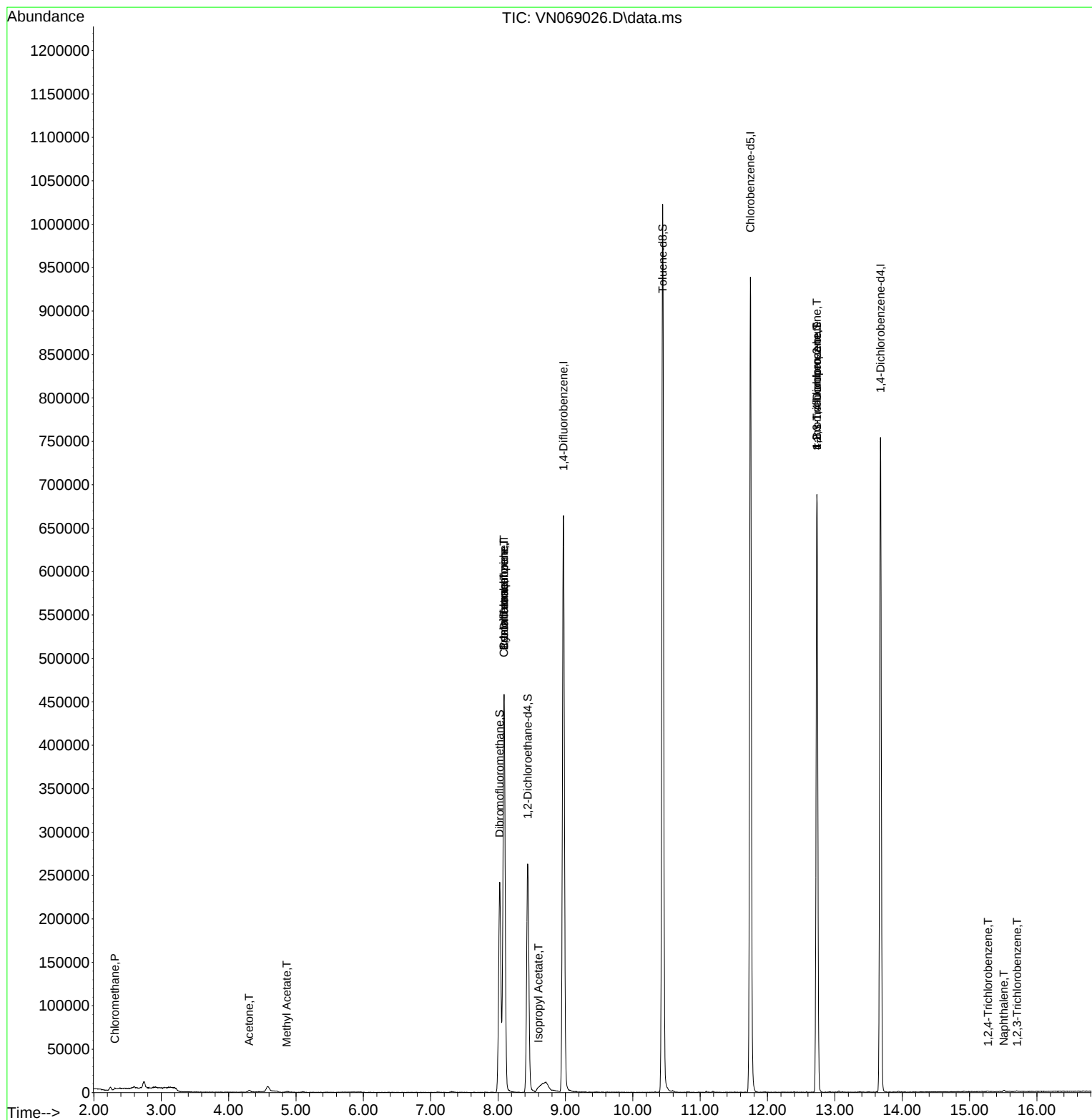
Internal Standards						
1) Pentafluorobenzene	8.088	168	348166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	603317	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	556489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	200278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	225685	49.164	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.320%		
35) Dibromofluoromethane	8.024	113	177989	50.707	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.420%		
50) Toluene-d8	10.443	98	747257	53.206	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.420%		
62) 4-Bromofluorobenzene	12.733	95	255060	48.135	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.260%		
Target Compounds						Qvalue
3) Chloromethane	2.309	50	874	0.205	ug/l #	83
16) Acetone	4.304	43	3814	2.226	ug/l	99
18) Methyl Acetate	4.865	43	1553	0.239	ug/l #	66
31) Cyclohexane	8.088	56	8009	1.122	ug/l #	7
36) 1,1-Dichloropropene	8.088	75	28059	5.445	ug/l #	49
38) Carbon Tetrachloride	8.086	117	36356	6.424	ug/l #	16
43) Isopropyl Acetate	8.601	43	3721	0.396	ug/l #	55
76) 1,2,3-Trichloropropane	12.733	75	133310	31.284	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	133310	74.844	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.273	180	384	2.710	ug/l #	78
95) Naphthalene	15.507	128	2471	4.057	ug/l #	74
96) 1,2,3-Trichlorobenzene	15.705	180	512	2.666	ug/l #	45

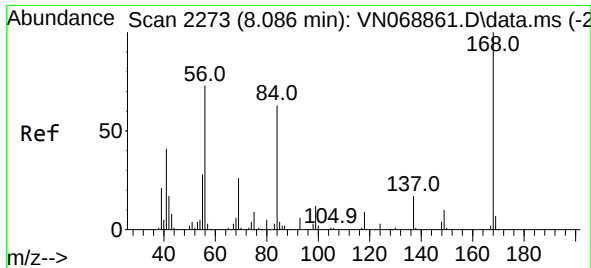
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

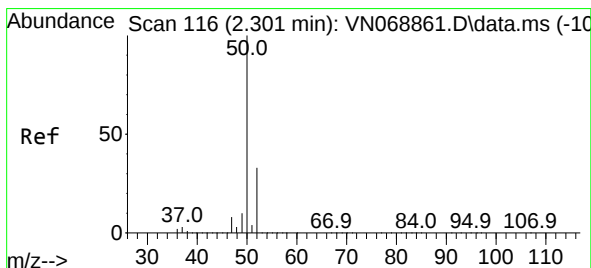
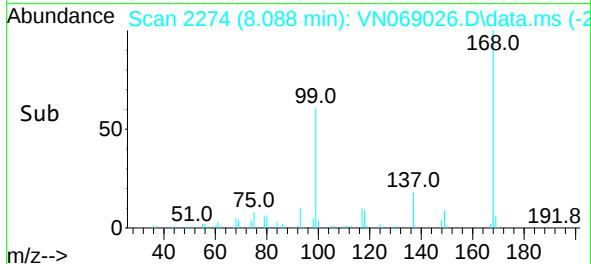
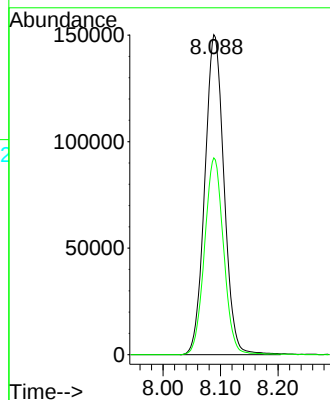
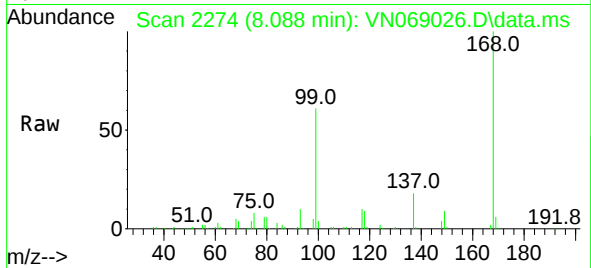




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069026.D
Acq: 19 Oct 2021 15:18

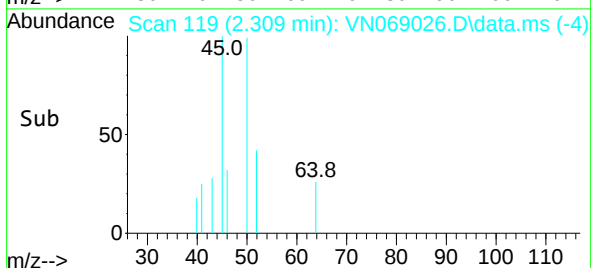
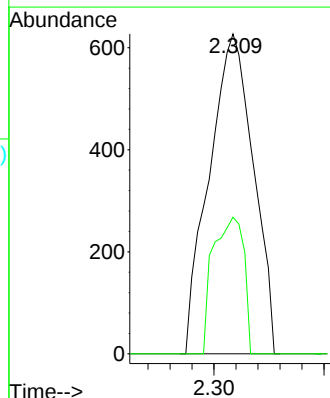
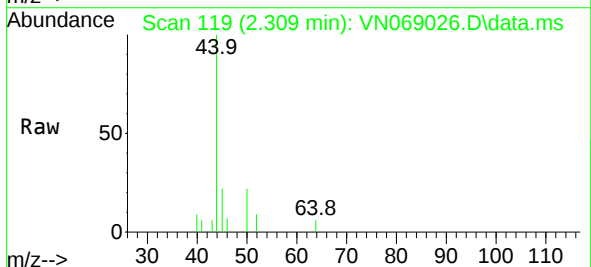
Instrument :
MSVOA_N
ClientSampled :

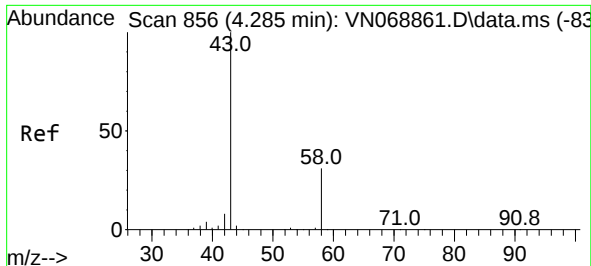
Tgt Ion:168 Resp: 348166
Ion Ratio Lower Upper
168 100
99 61.5 48.9 73.3



#3
Chloromethane
Concen: 0.205 ug/l
RT: 2.309 min Scan# 119
Delta R.T. 0.008 min
Lab File: VN069026.D
Acq: 19 Oct 2021 15:18

Tgt Ion: 50 Resp: 874
Ion Ratio Lower Upper
50 100
52 42.7 26.3 39.5#

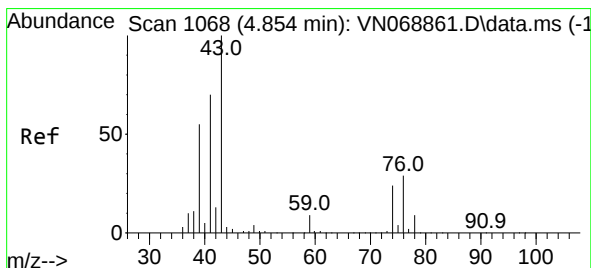
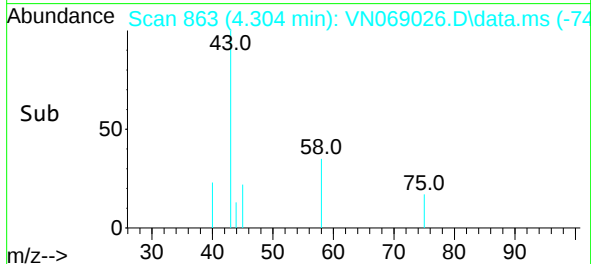
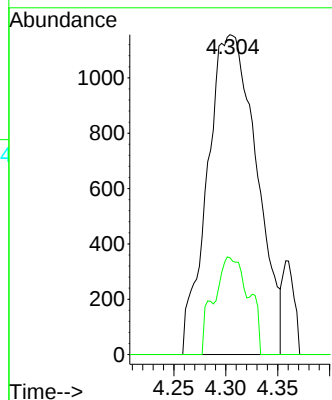
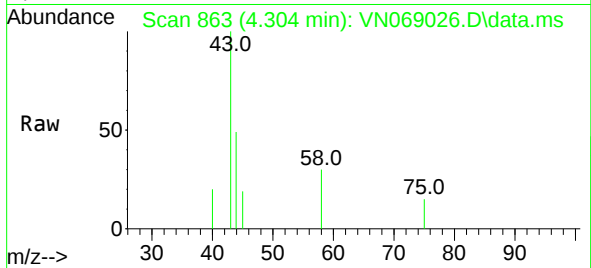




#16
Acetone
Concen: 2.226 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.019 min
Lab File: VN069026.D
Acq: 19 Oct 2021 15:18

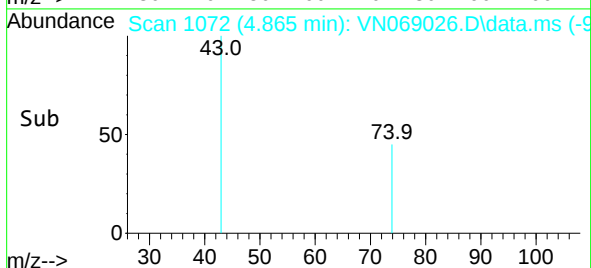
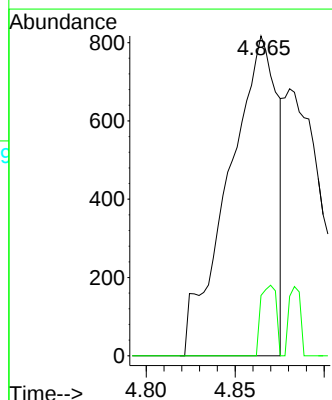
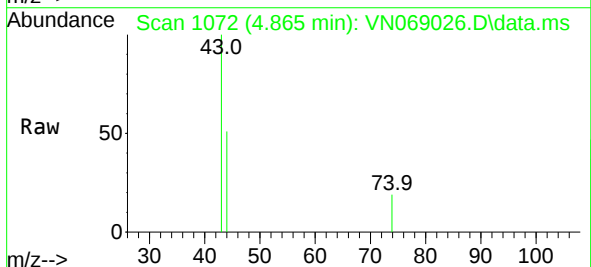
Instrument :
MSVOA_N
ClientSampled :

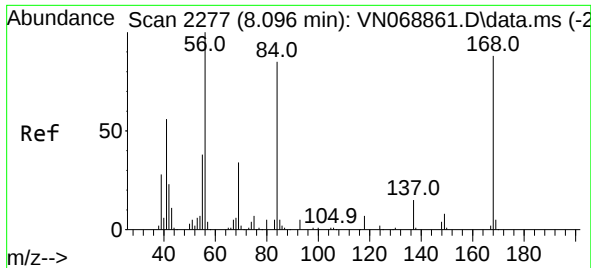
Tgt Ion: 43 Resp: 3814
Ion Ratio Lower Upper
43 100
58 30.3 24.5 36.7



#18
Methyl Acetate
Concen: 0.239 ug/l
RT: 4.865 min Scan# 1072
Delta R.T. 0.011 min
Lab File: VN069026.D
Acq: 19 Oct 2021 15:18

Tgt Ion: 43 Resp: 1553
Ion Ratio Lower Upper
43 100
74 7.0 18.9 28.3#

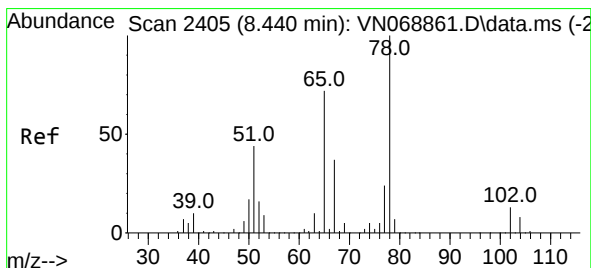
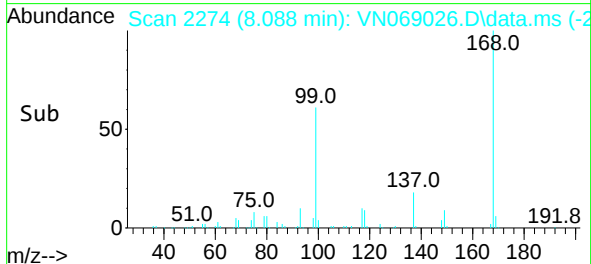
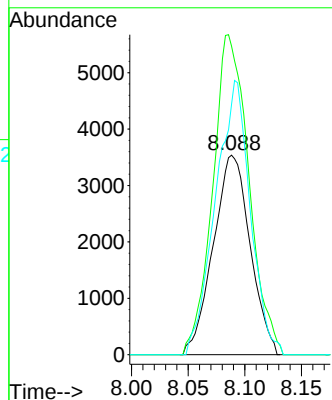
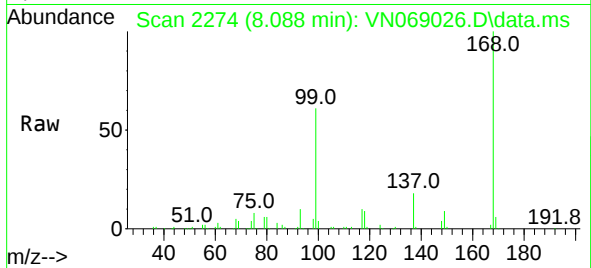




#31
Cyclohexane
Concen: 1.122 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN069026.D
Acq: 19 Oct 2021 15:18

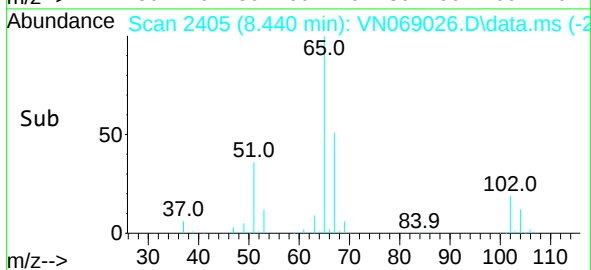
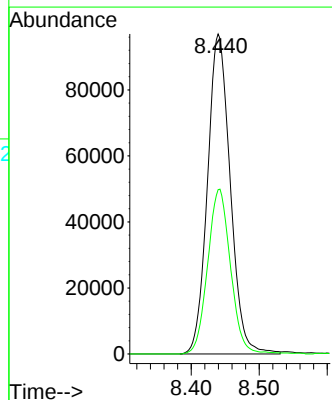
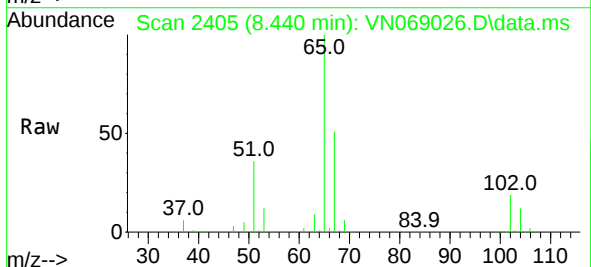
Instrument :
MSVOA_N
ClientSampled :

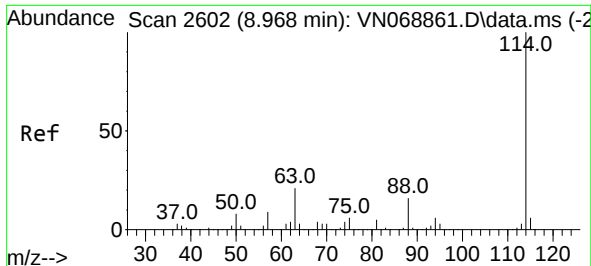
Tgt Ion: 56 Resp: 8009
Ion Ratio Lower Upper
56 100
69 154.6 26.9 40.3#
84 125.5 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 49.164 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069026.D
Acq: 19 Oct 2021 15:18

Tgt Ion: 65 Resp: 225685
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.8

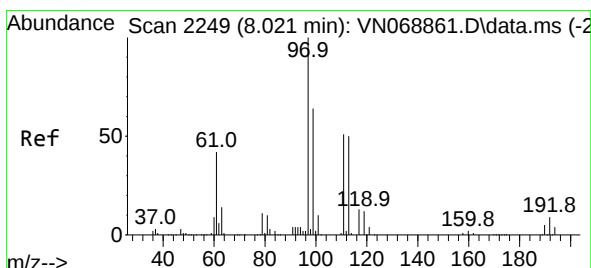
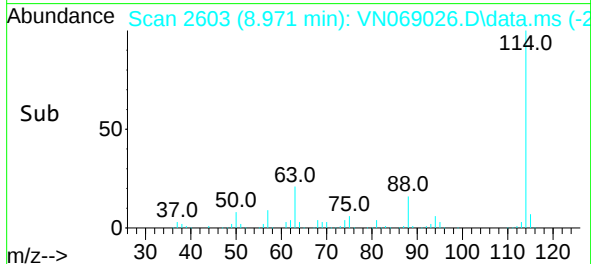
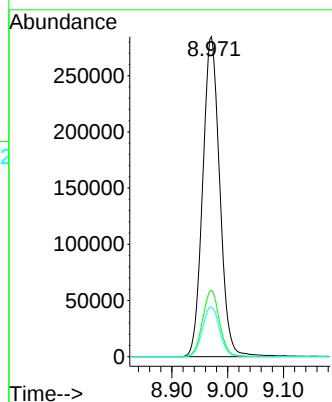
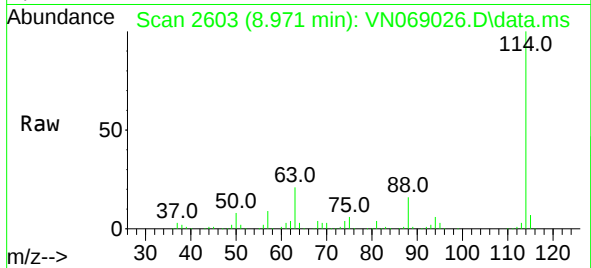




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069026.D
Acq: 19 Oct 2021 15:18

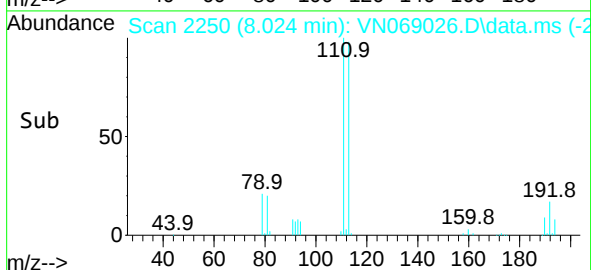
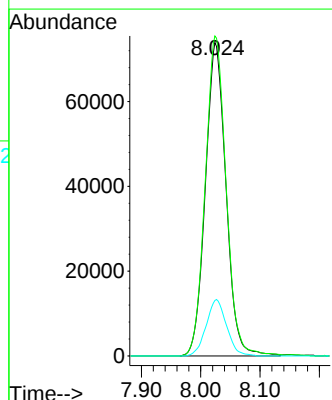
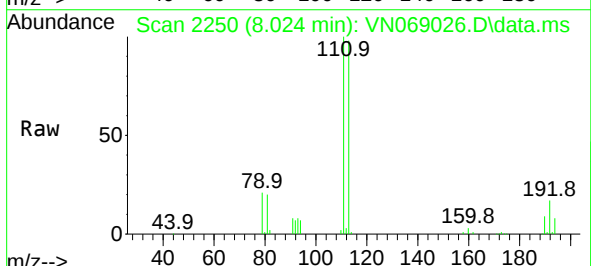
Instrument :
MSVOA_N
ClientSampled :

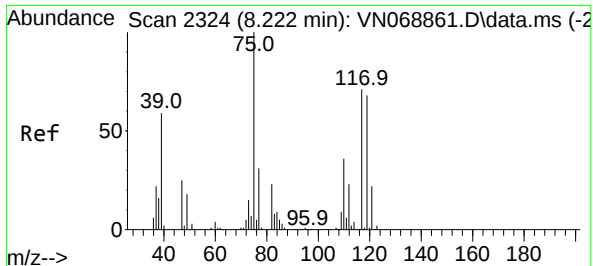
Tgt Ion:114 Resp: 603317
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.6
88 15.5 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.707 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069026.D
Acq: 19 Oct 2021 15:18

Tgt Ion:113 Resp: 177989
Ion Ratio Lower Upper
113 100
111 103.5 83.2 124.8
192 17.9 15.0 22.4

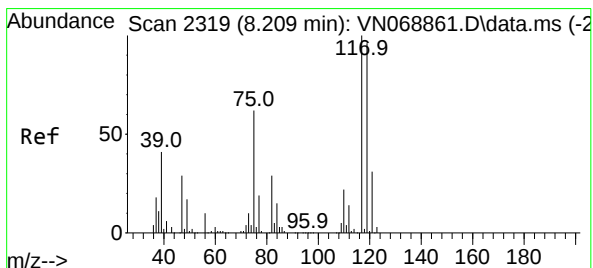
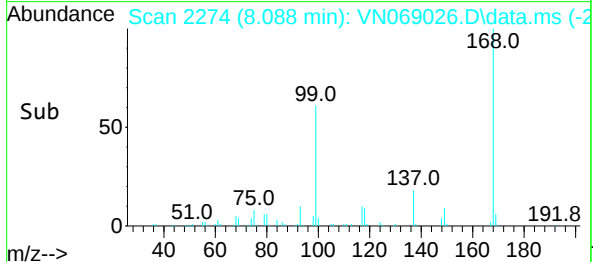
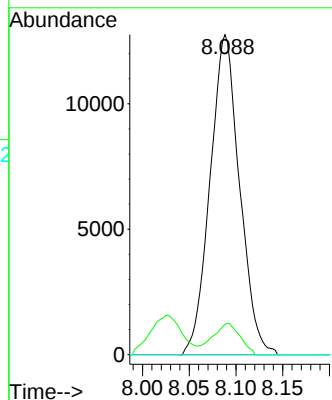
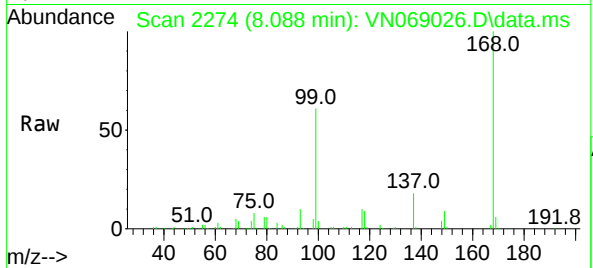




#36
1,1-Dichloropropene
Concen: 5.445 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069026.D
Acq: 19 Oct 2021 15:18

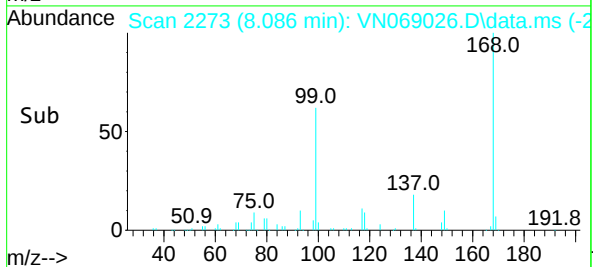
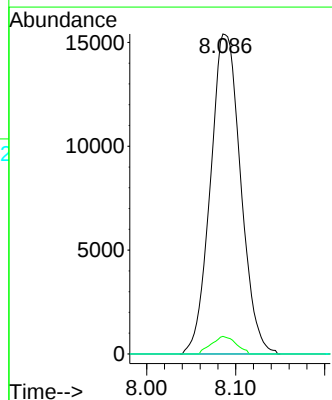
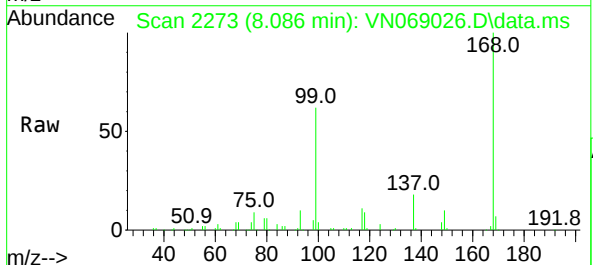
Instrument :
MSVOA_N
ClientSampled :

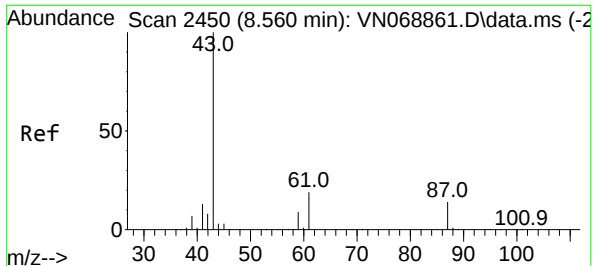
Tgt Ion: 75 Resp: 28059
Ion Ratio Lower Upper
75 100
110 9.0 17.9 53.8#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.424 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.123 min
Lab File: VN069026.D
Acq: 19 Oct 2021 15:18

Tgt Ion: 117 Resp: 36356
Ion Ratio Lower Upper
117 100
119 5.5 76.9 115.3#
121 0.0 24.6 37.0#

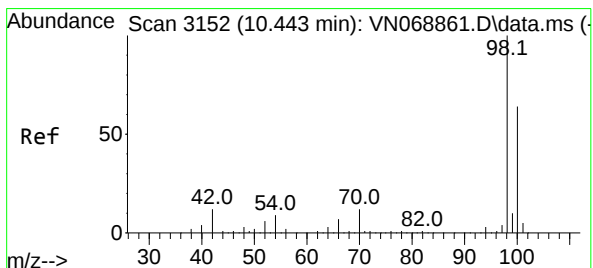
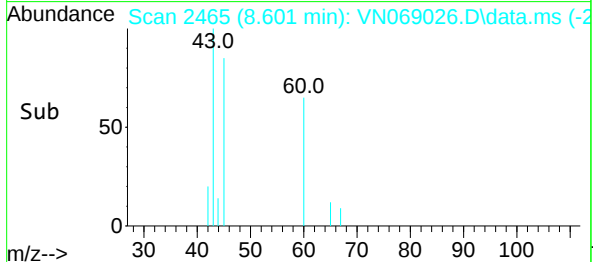
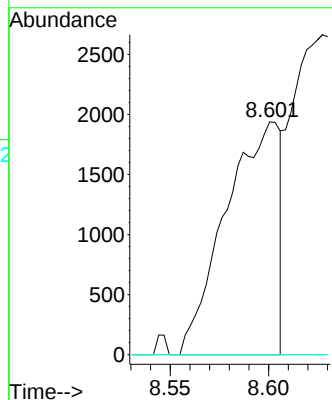
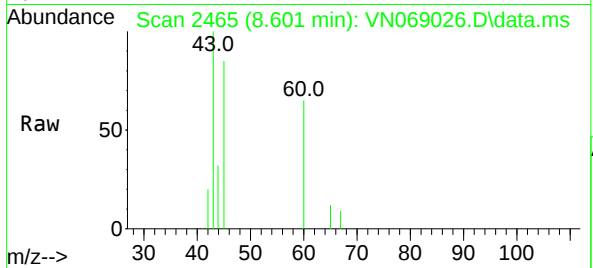




#43
Isopropyl Acetate
Concen: 0.396 ug/l
RT: 8.601 min Scan# 2465
Delta R.T. 0.040 min
Lab File: VN069026.D
Acq: 19 Oct 2021 15:18

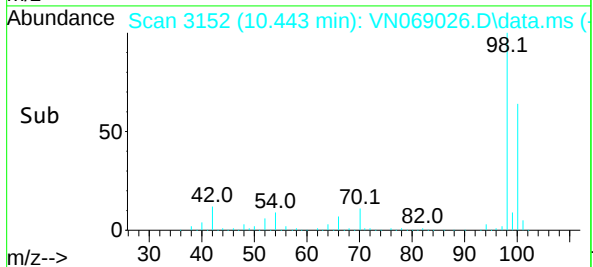
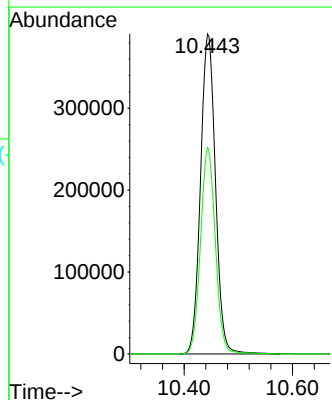
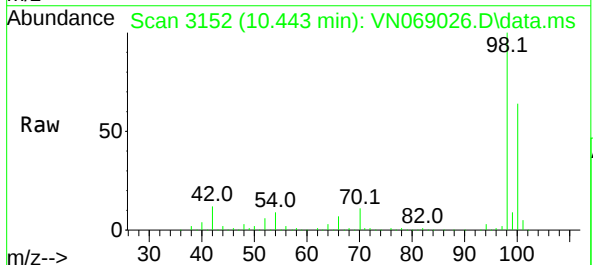
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MSVOA_N
ClientSampled :

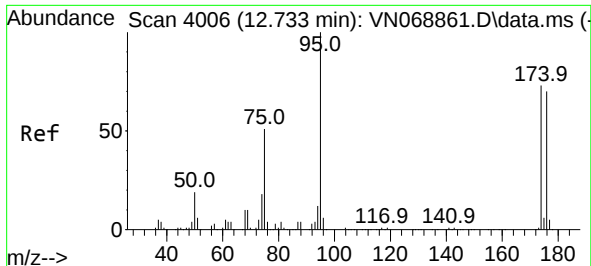
Tgt Ion: 43 Resp: 3721
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#



#50
Toluene-d8
Concen: 53.206 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069026.D
Acq: 19 Oct 2021 15:18

Tgt Ion: 98 Resp: 747257
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3

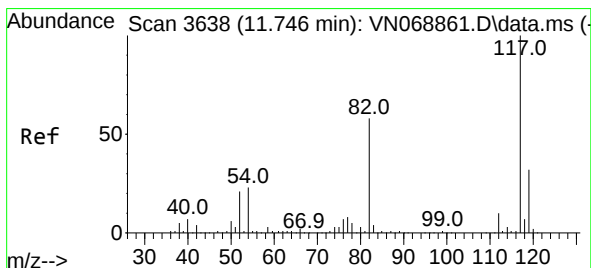
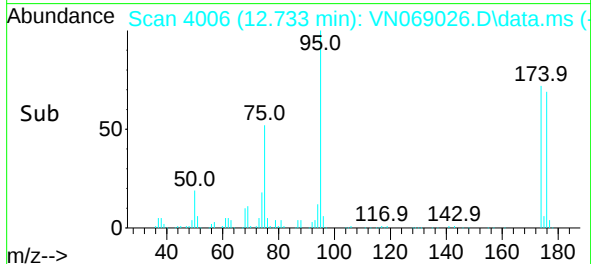
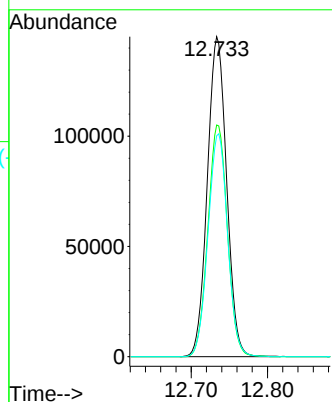
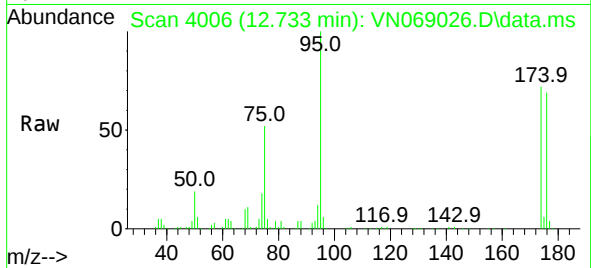




#62
4-Bromofluorobenzene
Concen: 48.135 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069026.D
Acq: 19 Oct 2021 15:18

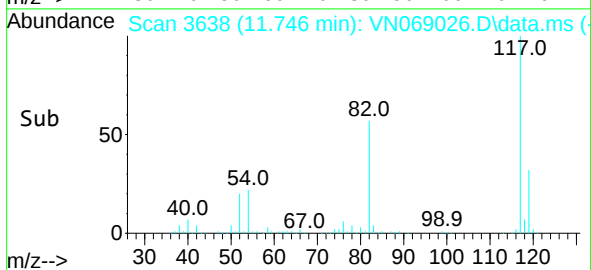
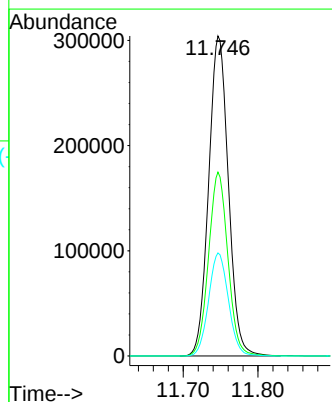
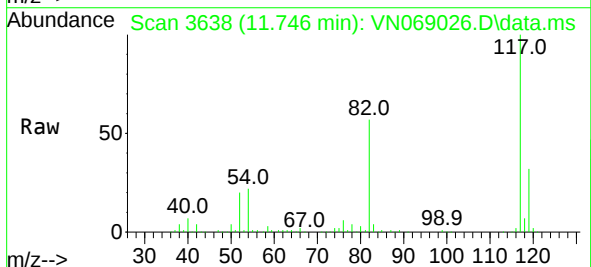
Instrument :
MSVOA_N
ClientSampled :

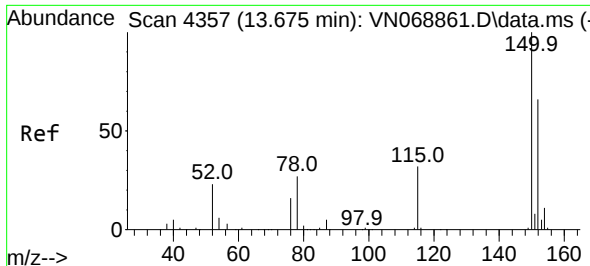
Tgt Ion: 95 Resp: 255060
Ion Ratio Lower Upper
95 100
174 73.2 0.0 144.8
176 70.6 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069026.D
Acq: 19 Oct 2021 15:18

Tgt Ion: 117 Resp: 556489
Ion Ratio Lower Upper
117 100
82 57.4 46.4 69.6
119 32.2 26.0 39.0

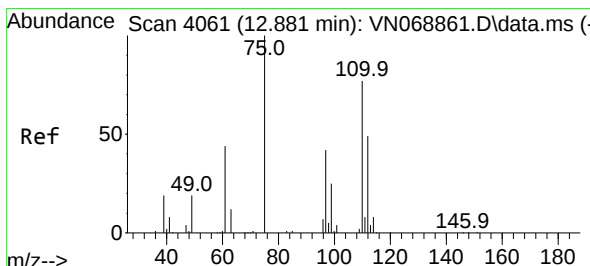
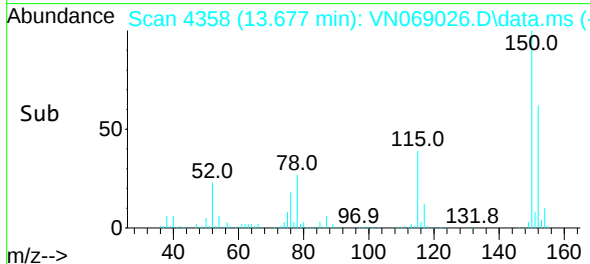
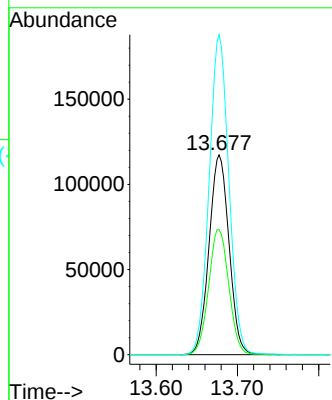
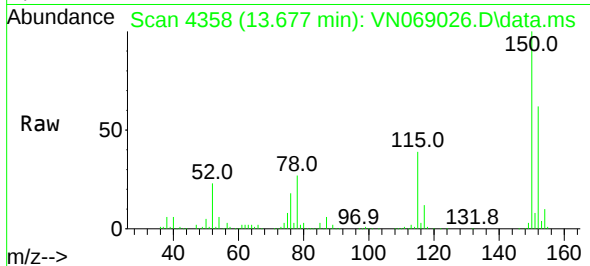




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.677 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN069026.D
 Acq: 19 Oct 2021 15:18

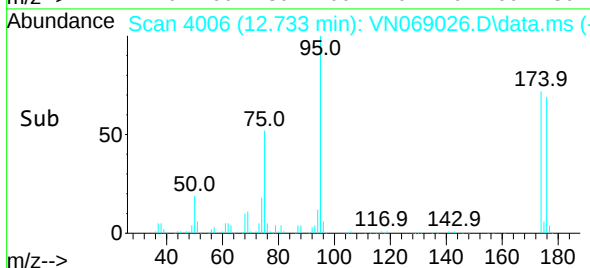
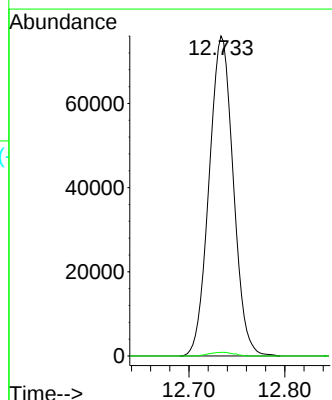
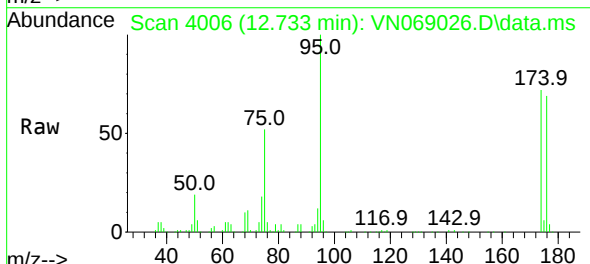
Instrument :
 MSVOA_N
 ClientSampled :

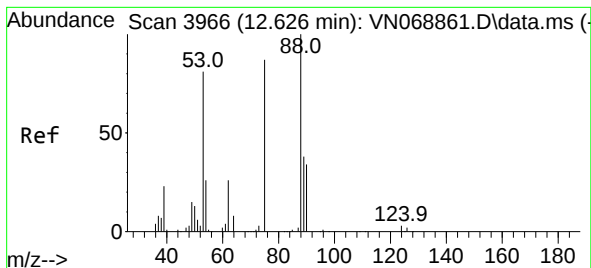
Tgt Ion:152 Resp: 200278
 Ion Ratio Lower Upper
 152 100
 115 63.4 31.4 94.3
 150 158.2 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 31.284 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. -0.148 min
 Lab File: VN069026.D
 Acq: 19 Oct 2021 15:18

Tgt Ion: 75 Resp: 133310
 Ion Ratio Lower Upper
 75 100
 77 1.1 96.2 288.4#

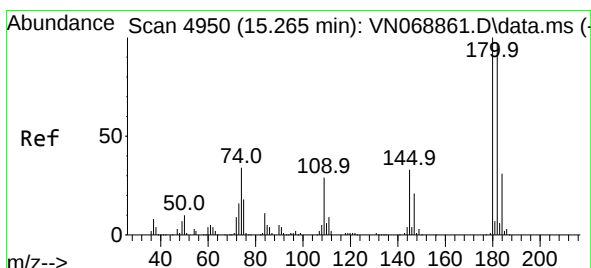
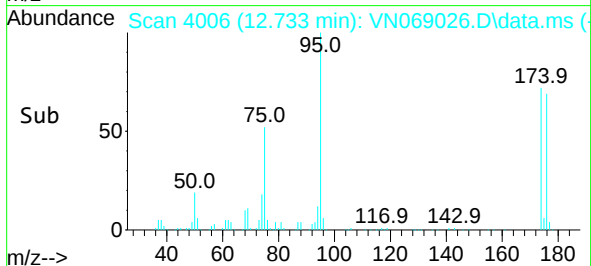
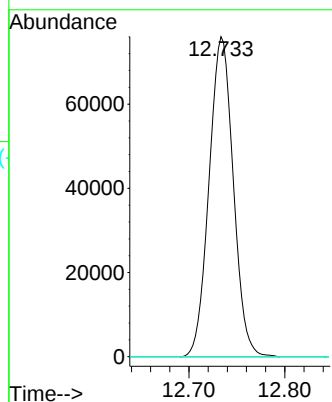
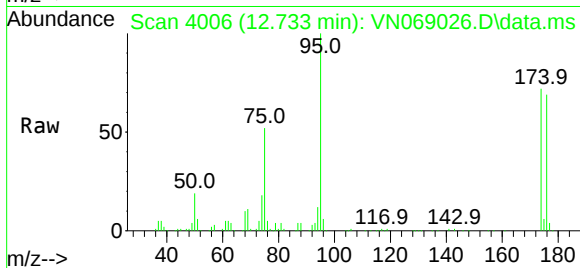




#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.844 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. 0.107 min
 Lab File: VN069026.D
 Acq: 19 Oct 2021 15:18

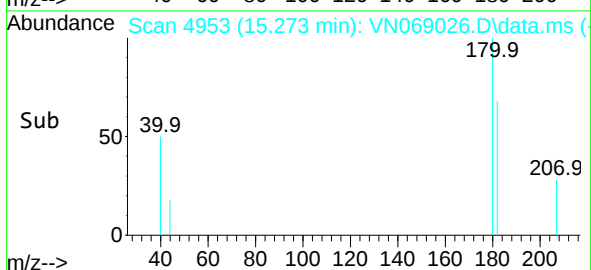
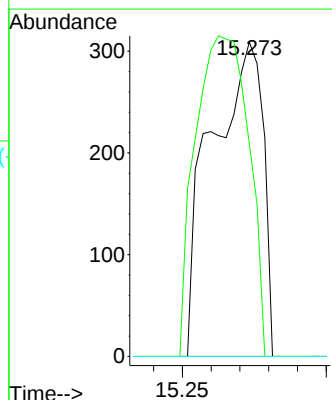
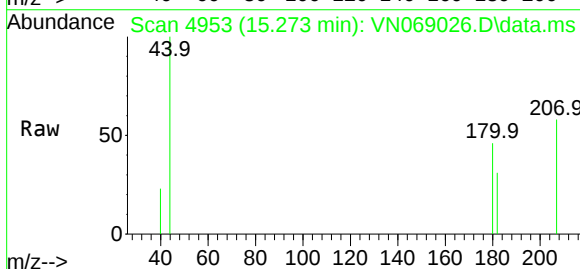
Instrument :
 MSVOA_N
 ClientSampleId :

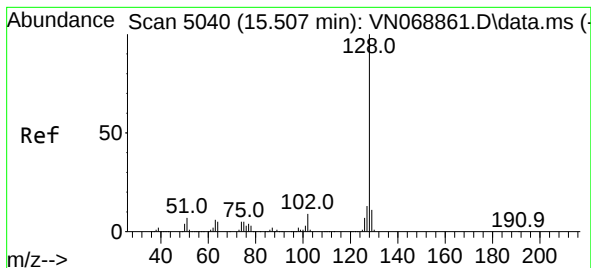
Tgt Ion: 75 Resp: 133310
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.4 113.2#
 89 0.0 36.9 55.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.710 ug/l
 RT: 15.273 min Scan# 4953
 Delta R.T. 0.008 min
 Lab File: VN069026.D
 Acq: 19 Oct 2021 15:18

Tgt Ion:180 Resp: 384
 Ion Ratio Lower Upper
 180 100
 182 104.9 47.9 143.7
 145 0.0 16.4 49.2#

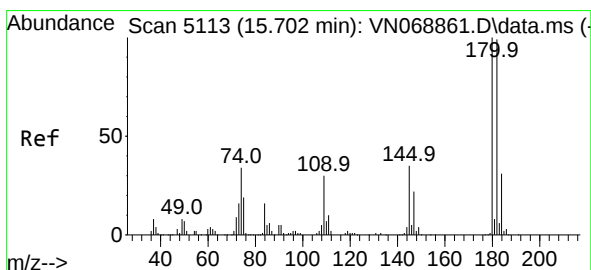
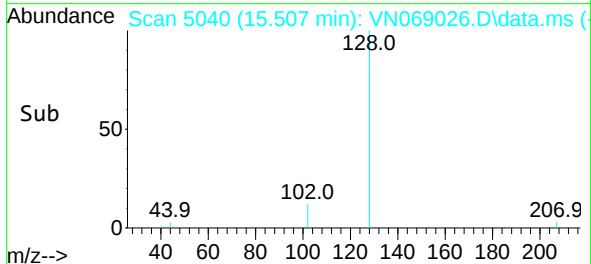
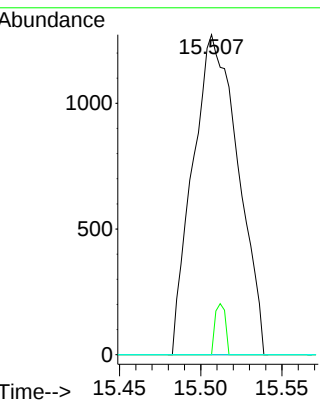
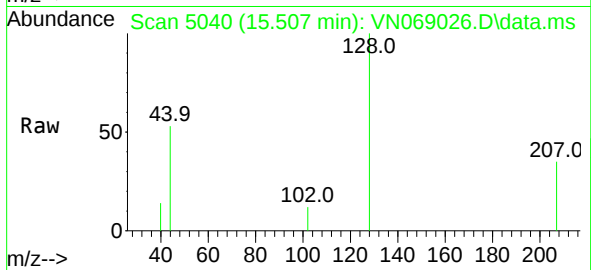




#95
Naphthalene
Concen: 4.057 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069026.D
Acq: 19 Oct 2021 15:18

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 2471
Ion Ratio Lower Upper
128 100
127 3.6 10.5 15.7#
129 0.0 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 2.666 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.003 min
Lab File: VN069026.D
Acq: 19 Oct 2021 15:18

Tgt Ion:180 Resp: 512
Ion Ratio Lower Upper
180 100
182 43.9 48.1 144.3#
145 0.0 17.4 52.2#

