

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102121\
 Data File : VN069105.D
 Acq On : 21 Oct 2021 23:10
 Operator : JC/MD
 Sample : VN1021WBL02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 22 01:36:42 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)

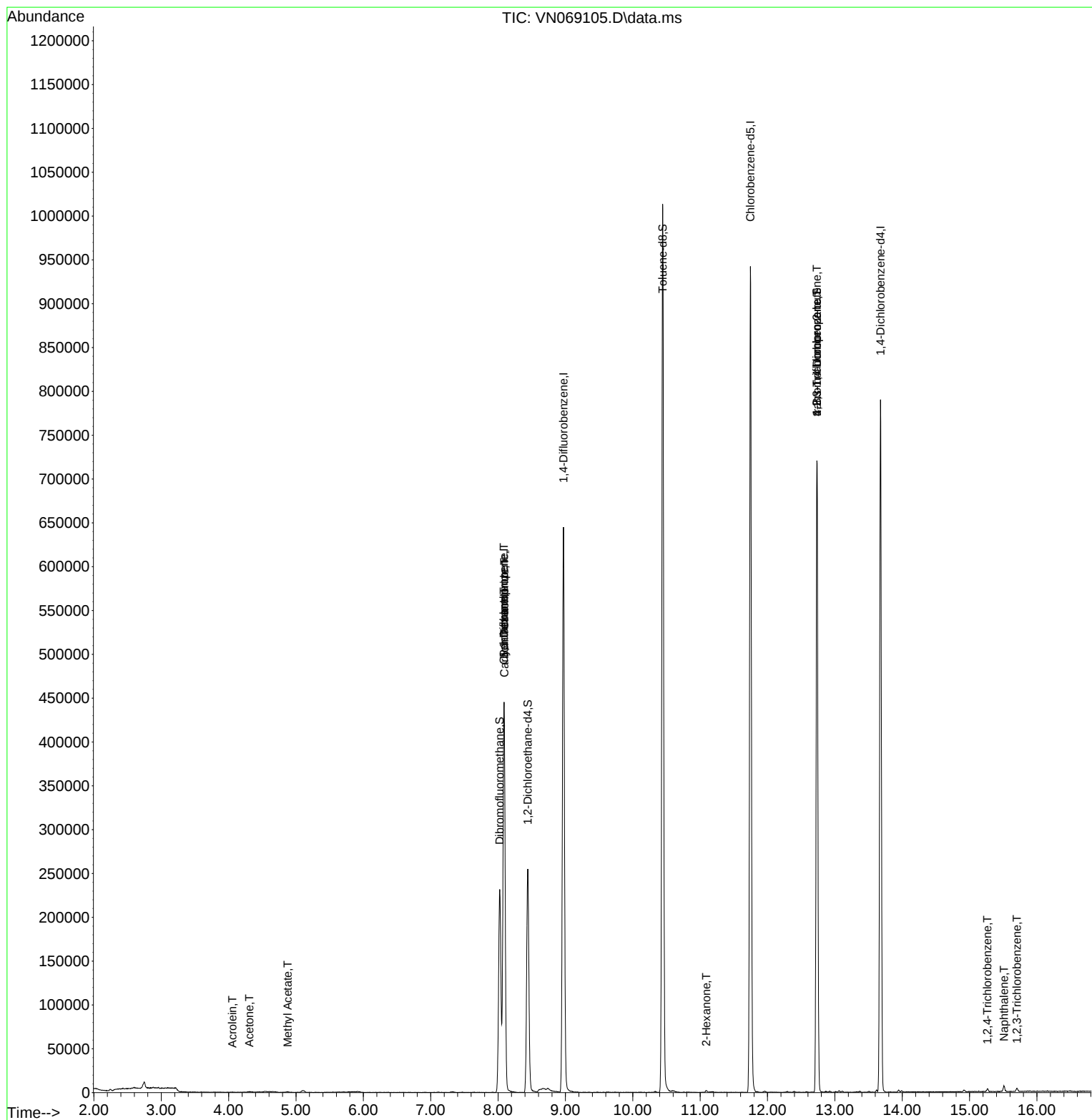
Internal Standards						
1) Pentafluorobenzene	8.088	168	340229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	584938	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	558044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	215007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	217200	48.419	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.840%		
35) Dibromofluoromethane	8.024	113	170524	50.107	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.220%		
50) Toluene-d8	10.443	98	727950	53.460	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.920%		
62) 4-Bromofluorobenzene	12.734	95	260758	50.756	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.520%		
Target Compounds						
					Qvalue	
13) Acrolein	4.057	56	166	0.458	ug/l #	13
16) Acetone	4.310	43	1061	0.634	ug/l #	87
18) Methyl Acetate	4.875	43	1618	0.255	ug/l #	59
31) Cyclohexane	8.086	56	8244	1.182	ug/l #	8
36) 1,1-Dichloropropene	8.088	75	27499	5.504	ug/l #	49
38) Carbon Tetrachloride	8.094	117	35250	6.424	ug/l #	16
59) 2-Hexanone	11.090	43	1957	0.517	ug/l	72
76) 1,2,3-Trichloropropane	12.734	75	136286	29.791	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	136286	71.273	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.263	180	1335	2.952	ug/l	98
95) Naphthalene	15.509	128	6934	4.454	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.703	180	1675	2.977	ug/l	96

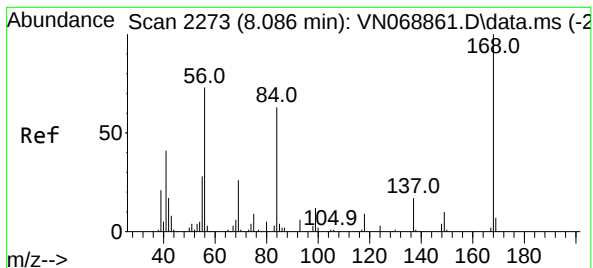
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN069105.D

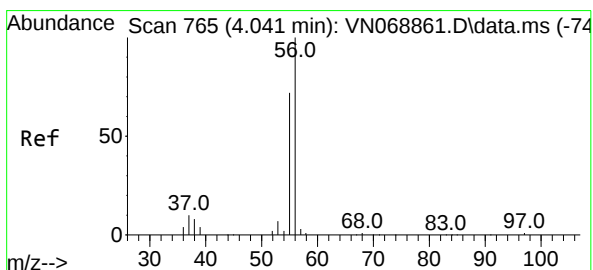
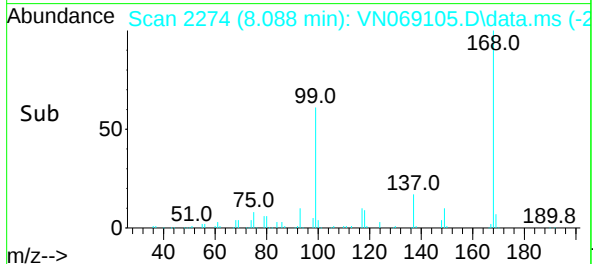
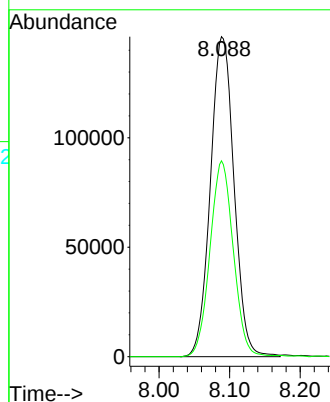
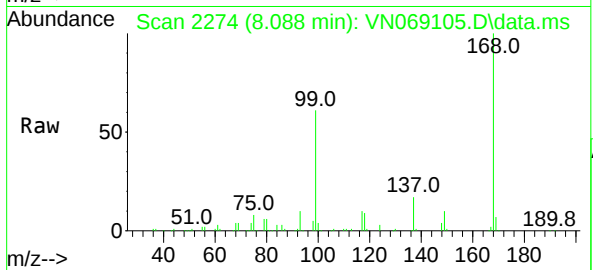
Acq: 21 Oct 2021 23:10

Tgt Ion:168 Resp: 340229

Ion Ratio Lower Upper

168 100

99 61.2 48.9 73.3



#13

Acrolein

Concen: 0.458 ug/l

RT: 4.057 min Scan# 771

Delta R.T. 0.016 min

Lab File: VN069105.D

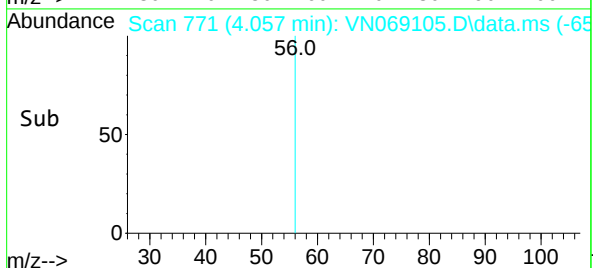
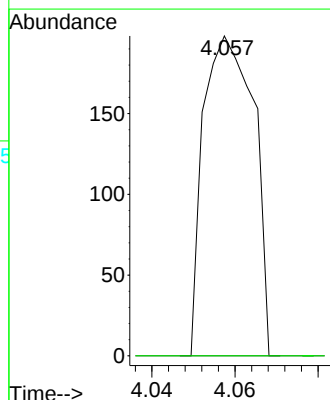
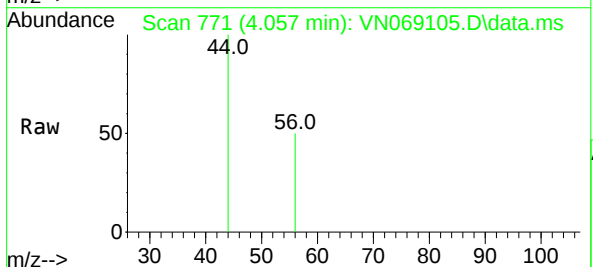
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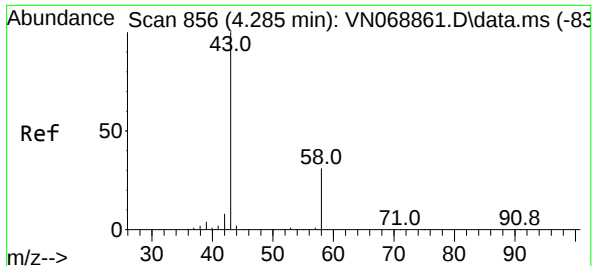
Tgt Ion: 56 Resp: 166

Ion Ratio Lower Upper

56 100

55 0.0 58.1 87.1#

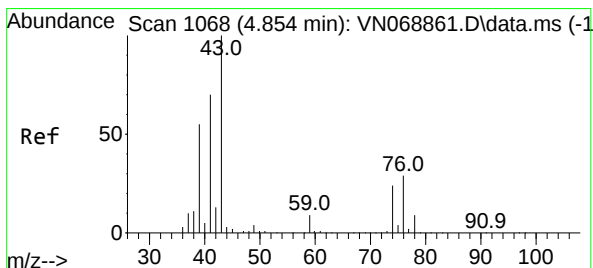
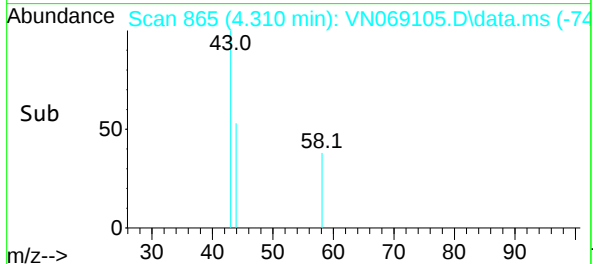
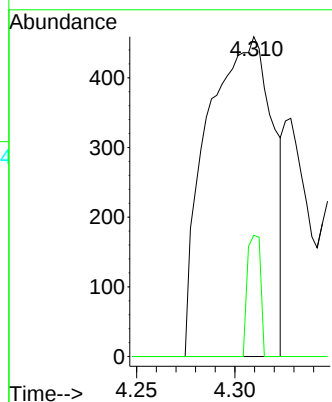
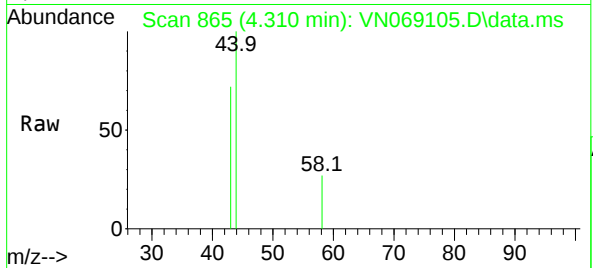




#16
Acetone
Concen: 0.634 ug/l
RT: 4.310 min Scan# 865
Delta R.T. 0.024 min
Lab File: VN069105.D
Acq: 21 Oct 2021 23:10

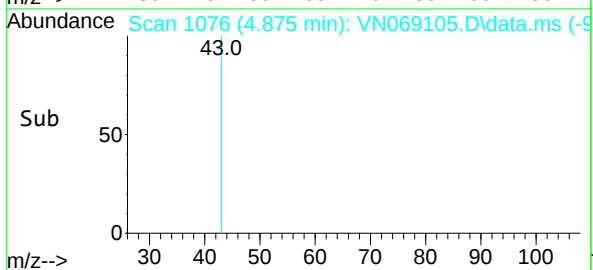
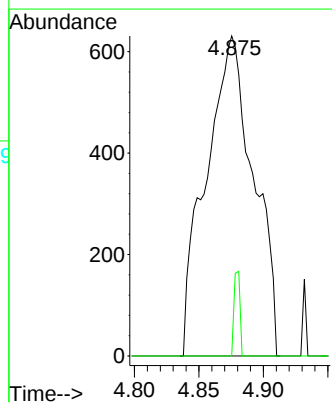
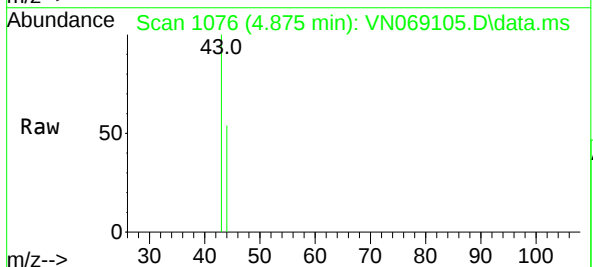
Instrument :
MSVOA_N
ClientSampled :

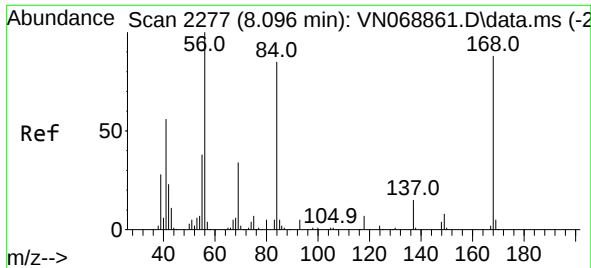
Tgt Ion: 43 Resp: 1061
Ion Ratio Lower Upper
43 100
58 37.9 24.5 36.7#



#18
Methyl Acetate
Concen: 0.255 ug/l
RT: 4.875 min Scan# 1076
Delta R.T. 0.022 min
Lab File: VN069105.D
Acq: 21 Oct 2021 23:10

Tgt Ion: 43 Resp: 1618
Ion Ratio Lower Upper
43 100
74 3.3 18.9 28.3#

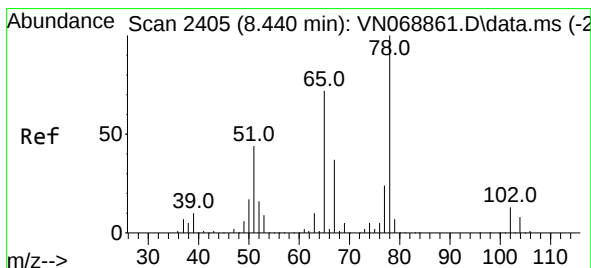
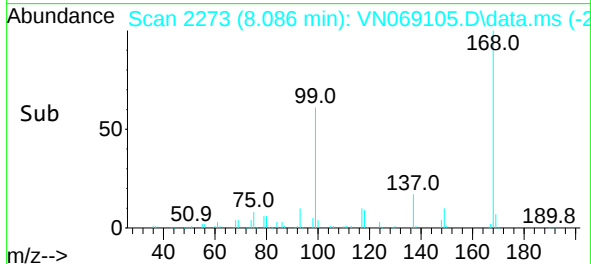
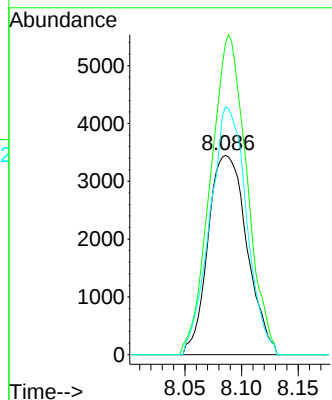
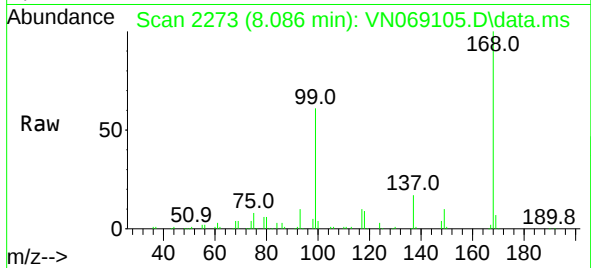




#31
Cyclohexane
Concen: 1.182 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN069105.D
Acq: 21 Oct 2021 23:10

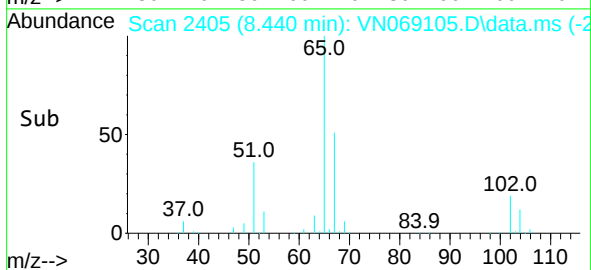
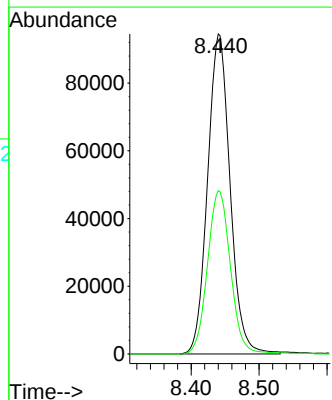
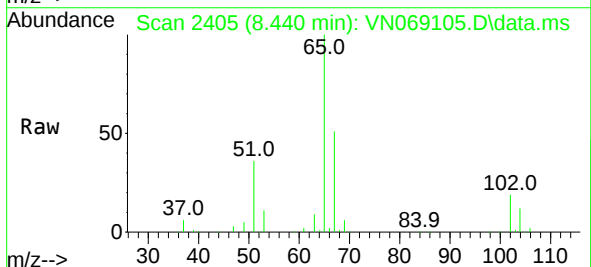
Instrument :
MSVOA_N
ClientSampled :

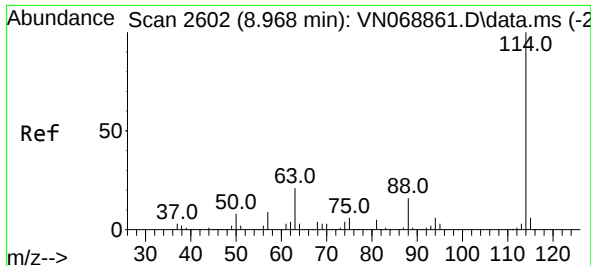
Tgt Ion: 56 Resp: 8244
Ion Ratio Lower Upper
56 100
69 156.2 26.9 40.3#
84 124.3 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 48.419 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069105.D
Acq: 21 Oct 2021 23:10

Tgt Ion: 65 Resp: 217200
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.8

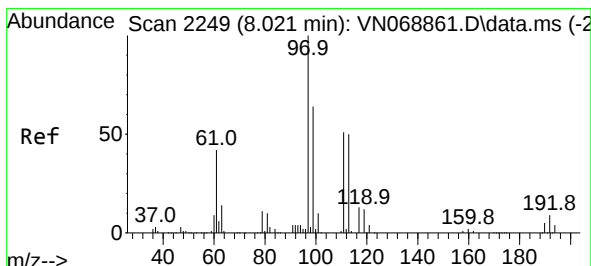
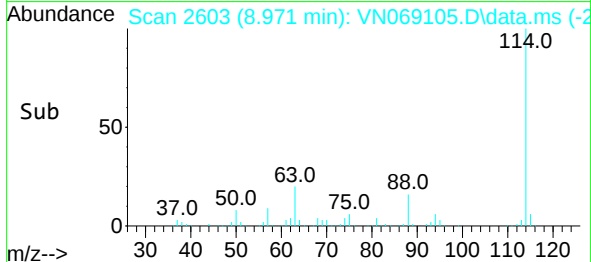
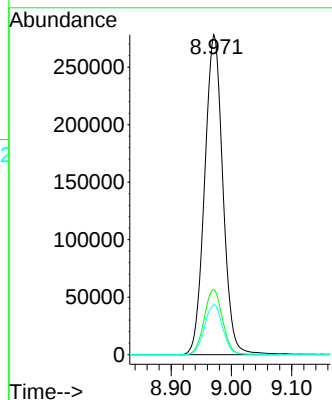
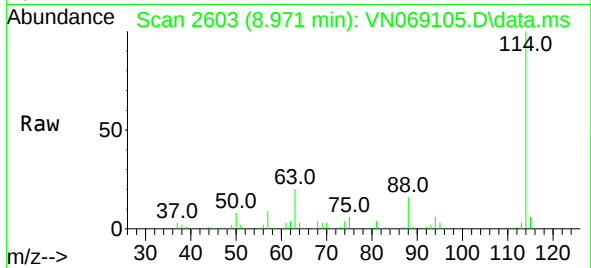




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069105.D
Acq: 21 Oct 2021 23:10

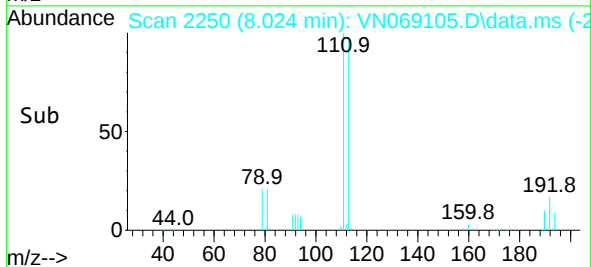
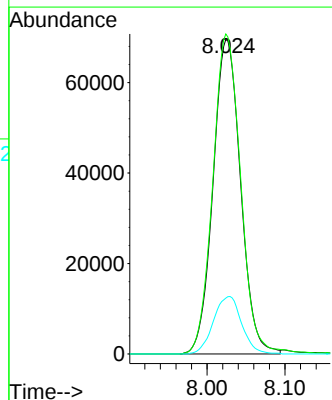
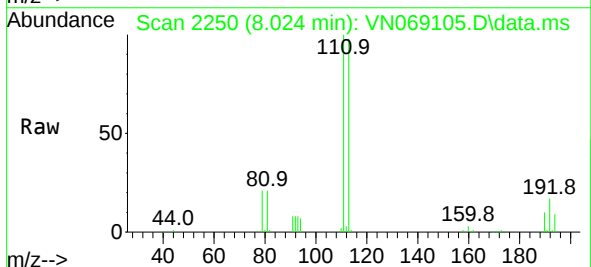
Instrument :
MSVOA_N
ClientSampled :

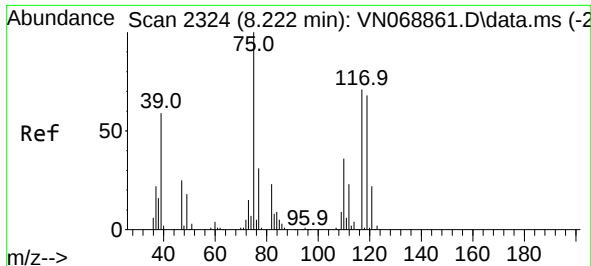
Tgt Ion:114 Resp: 584938
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.6
88 15.6 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.107 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069105.D
Acq: 21 Oct 2021 23:10

Tgt Ion:113 Resp: 170524
Ion Ratio Lower Upper
113 100
111 103.0 83.2 124.8
192 18.8 15.0 22.4

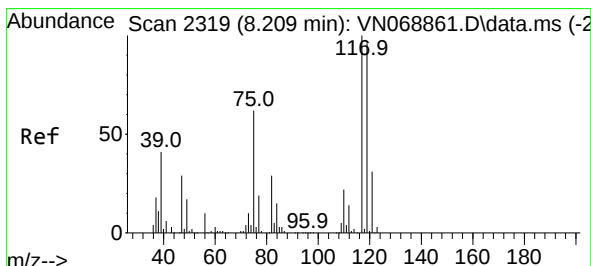
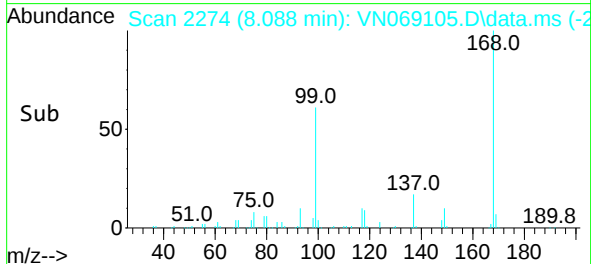
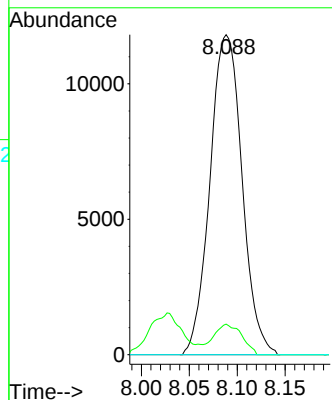
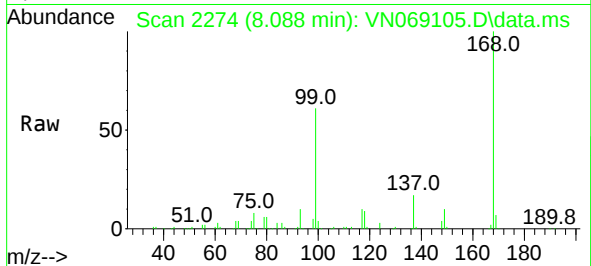




#36
 1,1-Dichloropropene
 Concen: 5.504 ug/l
 RT: 8.088 min Scan# 2274
 Delta R.T. -0.134 min
 Lab File: VN069105.D
 Acq: 21 Oct 2021 23:10

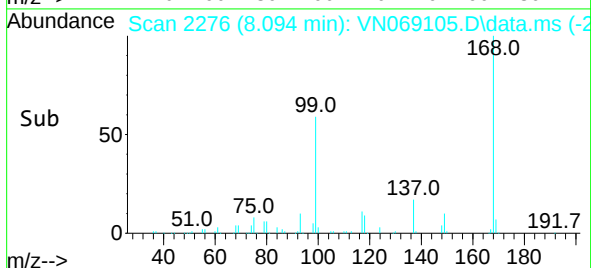
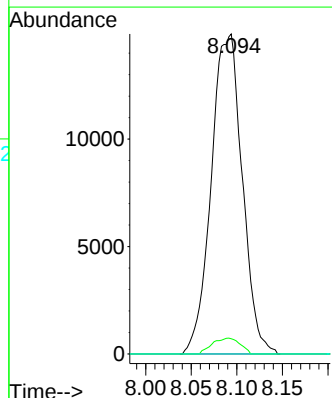
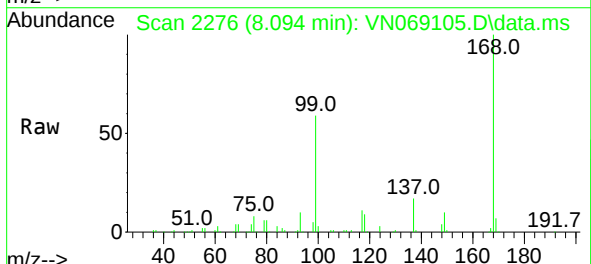
Instrument :
 MSVOA_N
 ClientSampled :

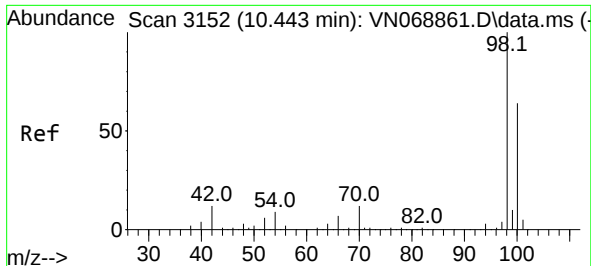
Tgt Ion: 75 Resp: 27499
 Ion Ratio Lower Upper
 75 100
 110 8.4 17.9 53.8#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.424 ug/l
 RT: 8.094 min Scan# 2276
 Delta R.T. -0.115 min
 Lab File: VN069105.D
 Acq: 21 Oct 2021 23:10

Tgt Ion: 117 Resp: 35250
 Ion Ratio Lower Upper
 117 100
 119 4.7 76.9 115.3#
 121 0.0 24.6 37.0#

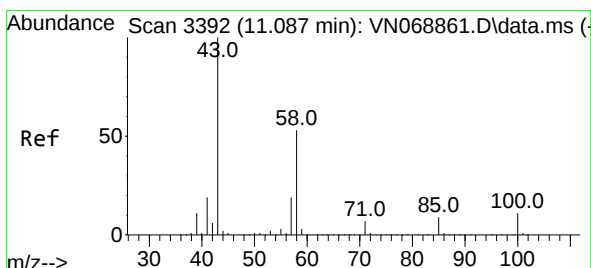
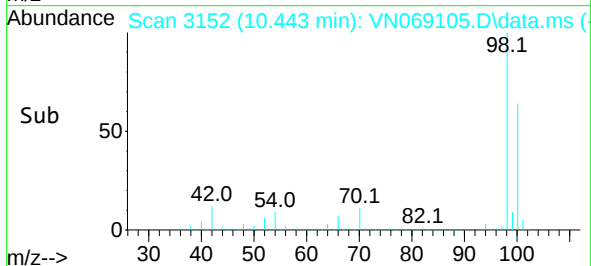
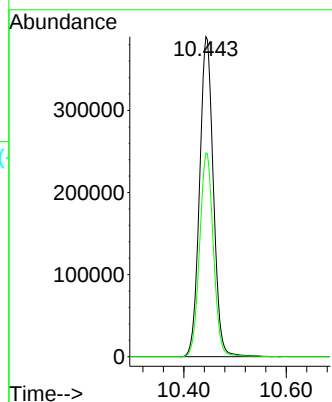
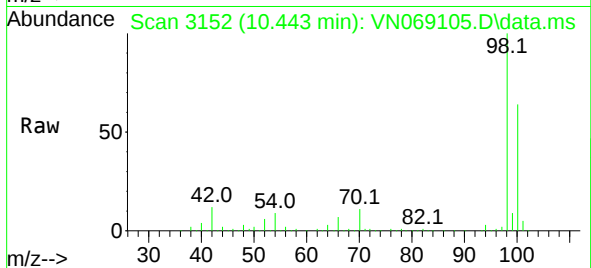




#50
Toluene-d8
Concen: 53.460 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069105.D
Acq: 21 Oct 2021 23:10

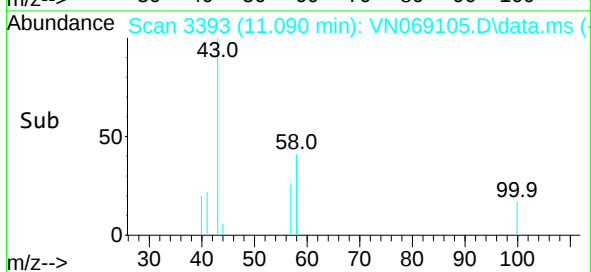
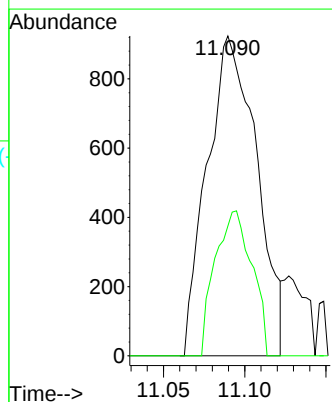
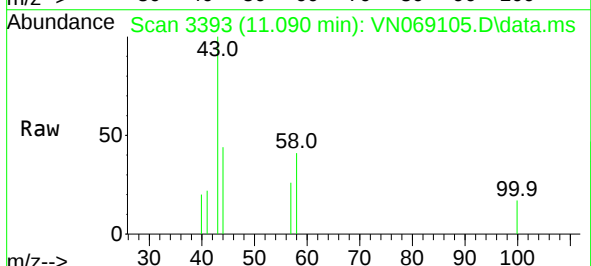
Instrument :
MSVOA_N
ClientSampleId :

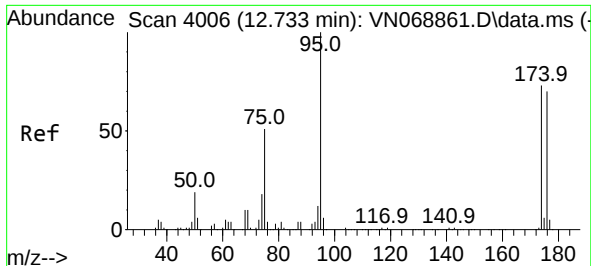
Tgt Ion: 98 Resp: 727950
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3



#59
2-Hexanone
Concen: 0.517 ug/l
RT: 11.090 min Scan# 3393
Delta R.T. 0.003 min
Lab File: VN069105.D
Acq: 21 Oct 2021 23:10

Tgt Ion: 43 Resp: 1957
Ion Ratio Lower Upper
43 100
58 33.7 26.9 80.7

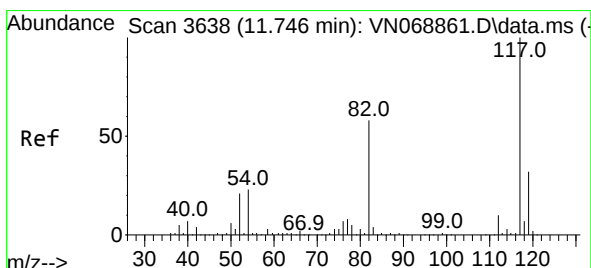
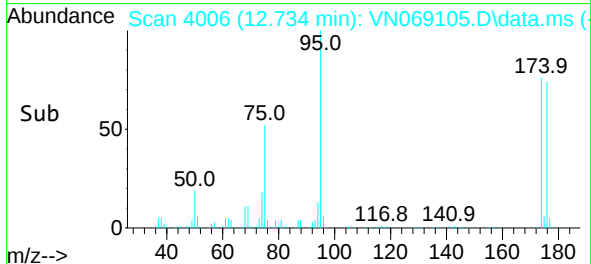
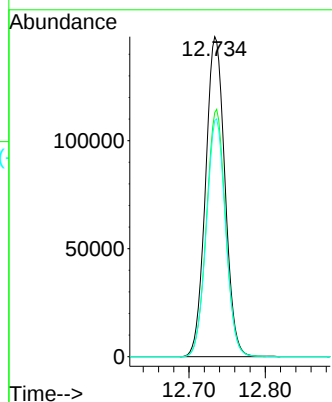
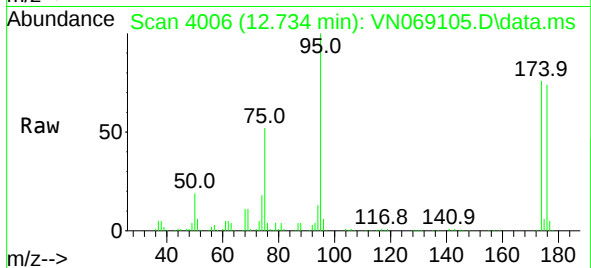




#62
4-Bromofluorobenzene
Concen: 50.756 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069105.D
Acq: 21 Oct 2021 23:10

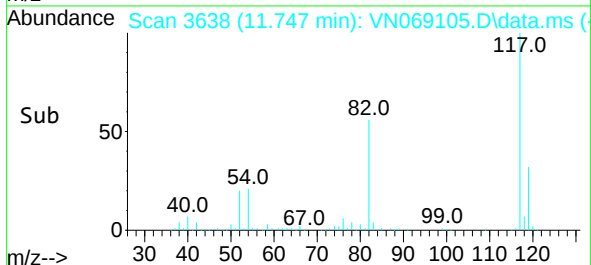
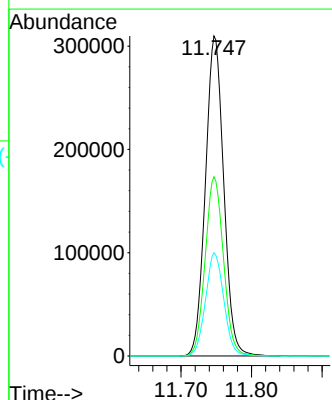
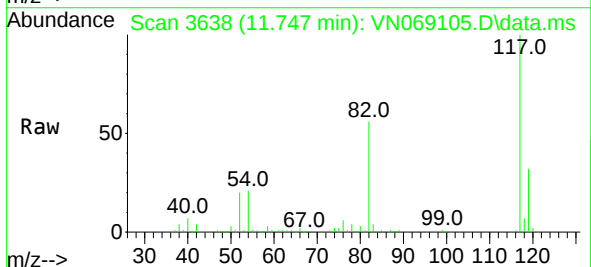
Instrument :
MSVOA_N
ClientSampleId :

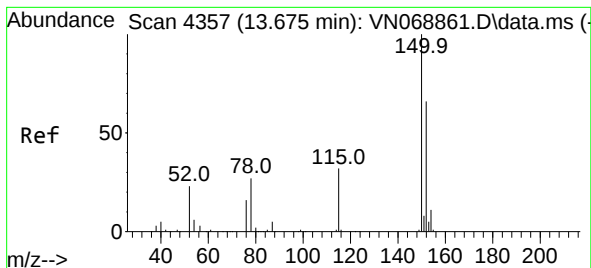
Tgt Ion: 95 Resp: 260758
Ion Ratio Lower Upper
95 100
174 76.3 0.0 144.8
176 73.8 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069105.D
Acq: 21 Oct 2021 23:10

Tgt Ion: 117 Resp: 558044
Ion Ratio Lower Upper
117 100
82 56.0 46.4 69.6
119 32.3 26.0 39.0

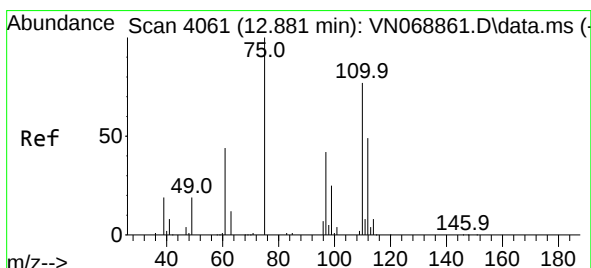
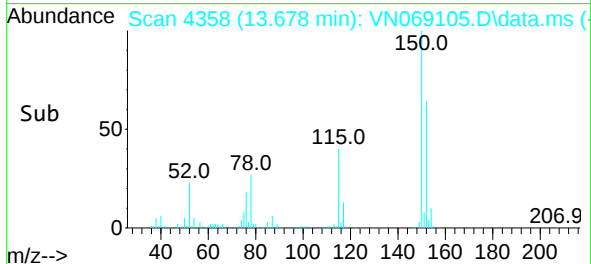
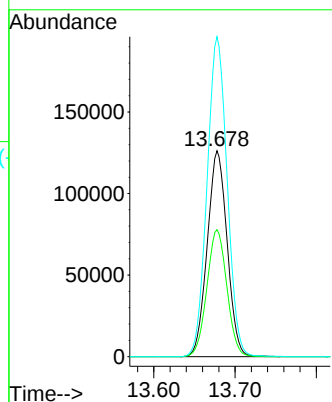
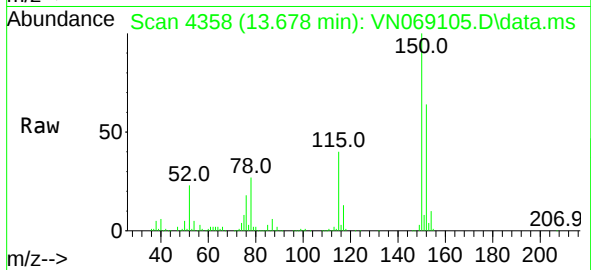




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069105.D
Acq: 21 Oct 2021 23:10

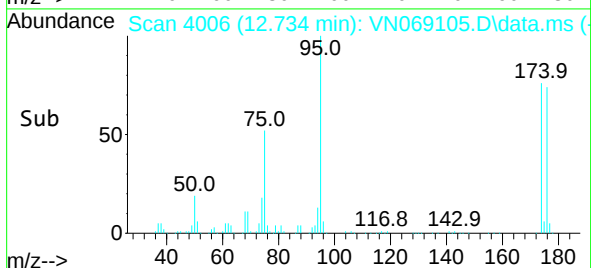
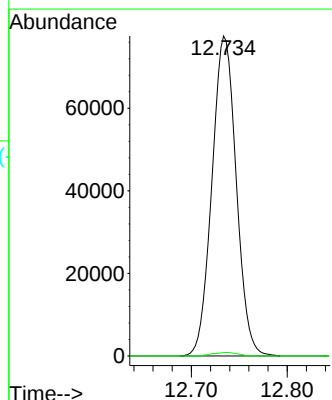
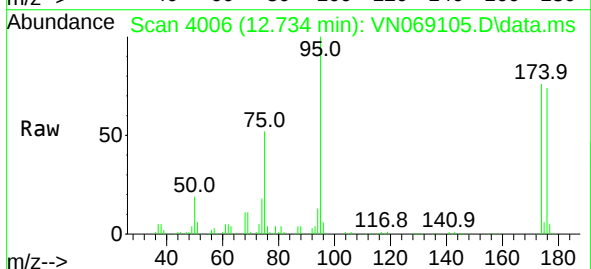
Instrument :
MSVOA_N
ClientSampleId :

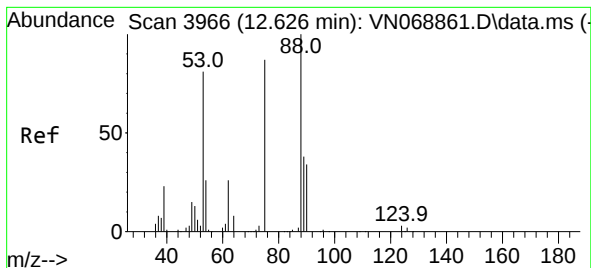
Tgt Ion:152 Resp: 215007
Ion Ratio Lower Upper
152 100
115 61.8 31.4 94.3
150 156.6 0.0 351.0



#76
1,2,3-Trichloropropane
Concen: 29.791 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN069105.D
Acq: 21 Oct 2021 23:10

Tgt Ion: 75 Resp: 136286
Ion Ratio Lower Upper
75 100
77 1.1 96.2 288.4#

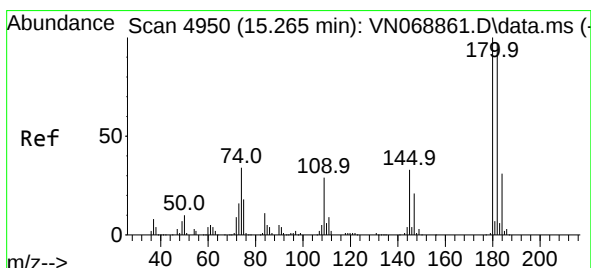
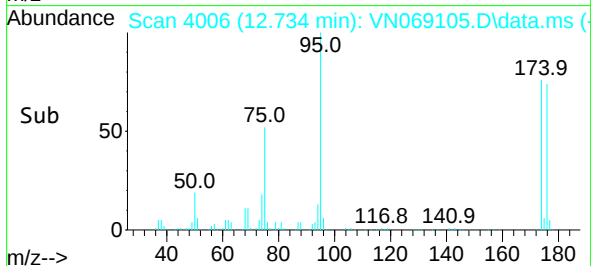
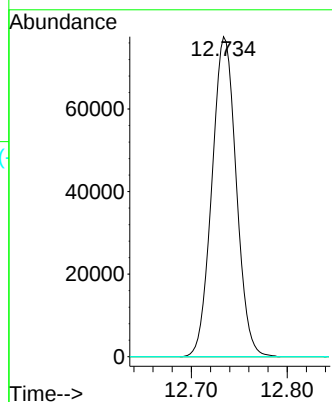
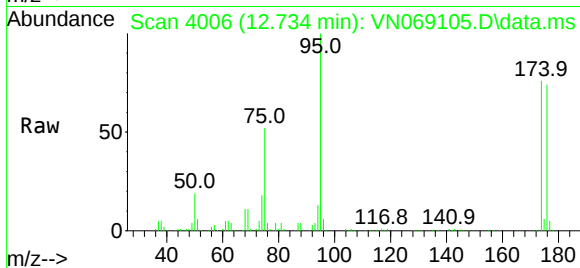




#81
trans-1,4-Dichloro-2-butene
Concen: 71.273 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069105.D
Acq: 21 Oct 2021 23:10

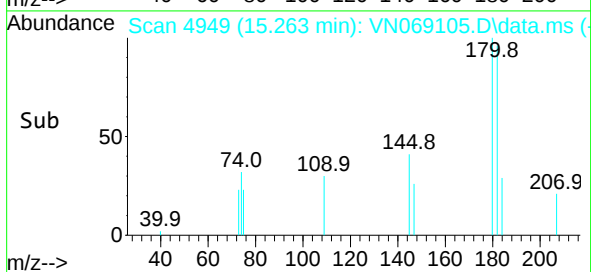
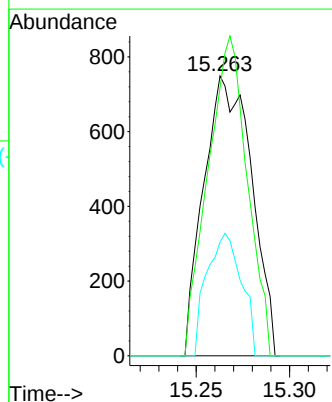
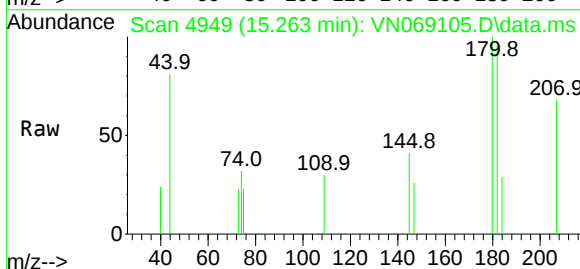
Instrument :
MSVOA_N
ClientSampleId :

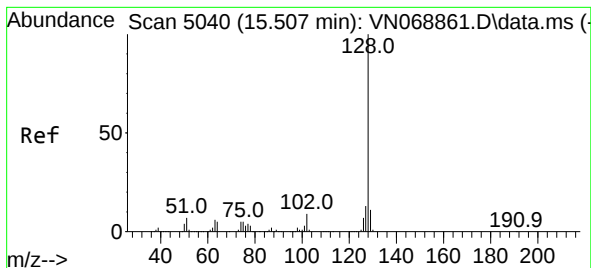
Tgt Ion: 75 Resp: 136286
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 2.952 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN069105.D
Acq: 21 Oct 2021 23:10

Tgt Ion:180 Resp: 1335
Ion Ratio Lower Upper
180 100
182 93.7 47.9 143.7
145 31.5 16.4 49.2

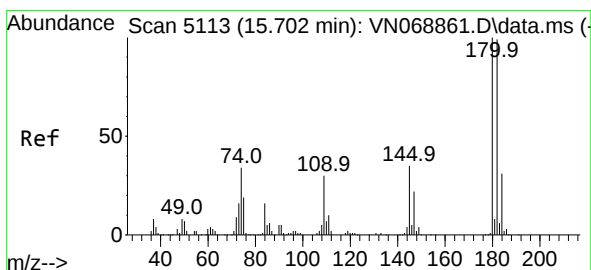
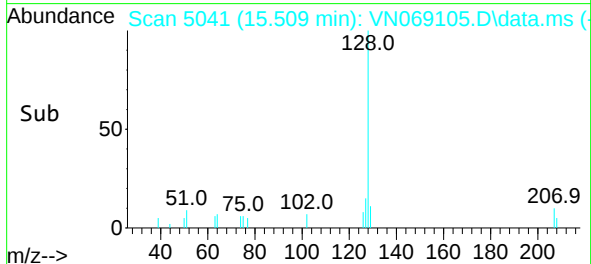
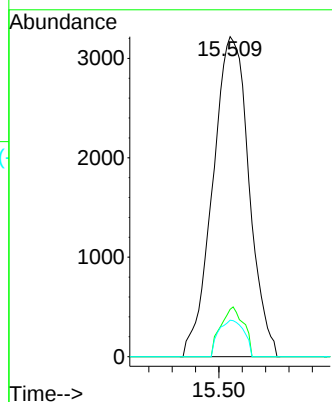
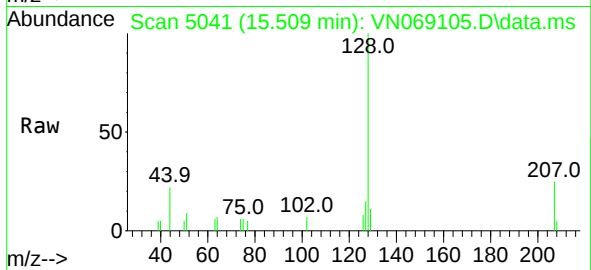




#95
Naphthalene
Concen: 4.454 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069105.D
Acq: 21 Oct 2021 23:10

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 6934
Ion Ratio Lower Upper
128 100
127 9.8 10.5 15.7#
129 7.9 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 2.977 ug/l
RT: 15.703 min Scan# 5113
Delta R.T. 0.001 min
Lab File: VN069105.D
Acq: 21 Oct 2021 23:10

Tgt Ion:180 Resp: 1675
Ion Ratio Lower Upper
180 100
182 94.7 48.1 144.3
145 27.7 17.4 52.2

