

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102621\
 Data File : VN069171.D
 Acq On : 25 Oct 2021 23:36
 Operator : JC/MD
 Sample : M4334-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 26 01:38:09 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)

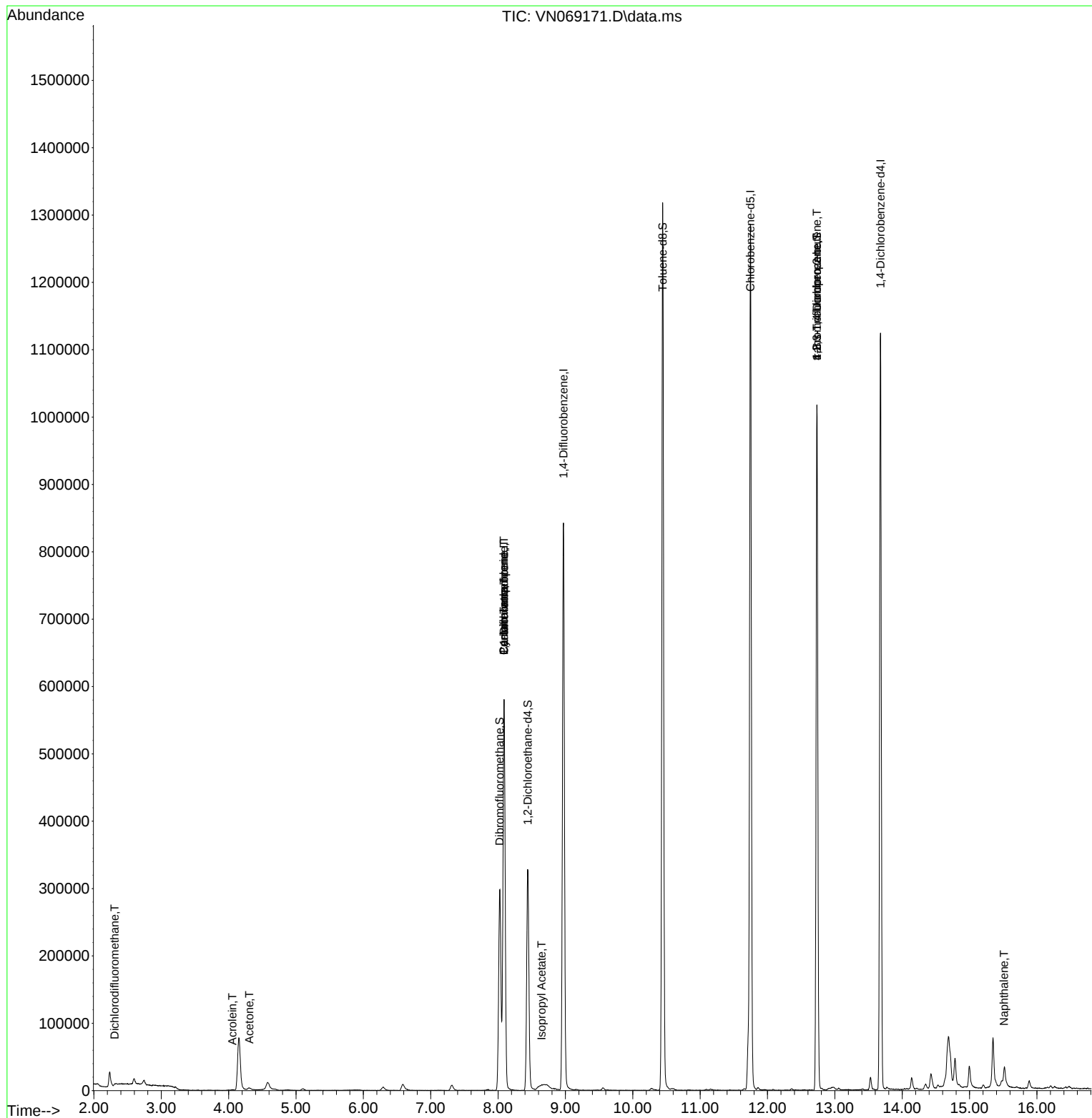
Internal Standards						
1) Pentafluorobenzene	8.088	168	431935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	760205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	752074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	299097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	285387	50.113	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 100.220%		
35) Dibromofluoromethane	8.024	113	222610	50.331	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 100.660%		
50) Toluene-d8	10.443	98	944481	53.370	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 106.740%		
62) 4-Bromofluorobenzene	12.733	95	365477	54.738	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 109.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.309	85	25	1.248	ug/l #	42
13) Acrolein	4.057	56	1225	2.661	ug/l	100
16) Acetone	4.307	43	6061	2.852	ug/l #	82
31) Cyclohexane	8.088	56	9887	1.117	ug/l #	1
36) 1,1-Dichloropropene	8.088	75	35305	5.437	ug/l #	49
38) Carbon Tetrachloride	8.088	117	47032	6.595	ug/l #	15
43) Isopropyl Acetate	8.646	43	10431	0.882	ug/l #	55
76) 1,2,3-Trichloropropane	12.733	75	186144	29.250	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	186144	69.979	ug/l #	15
95) Naphthalene	15.509	128	1652	3.922	ug/l #	69

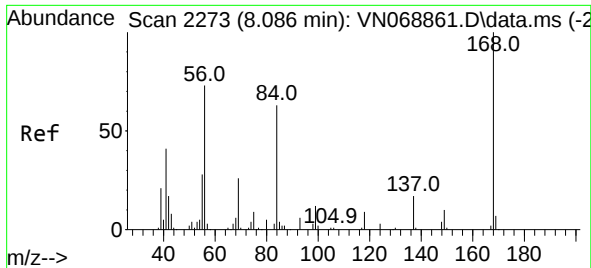
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 13 05:44:40 2021
Response via : Initial Calibration

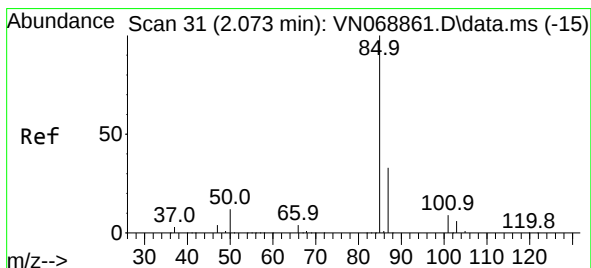
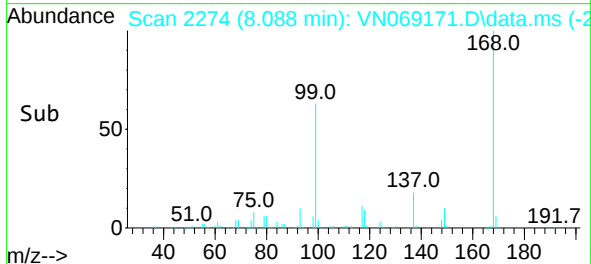
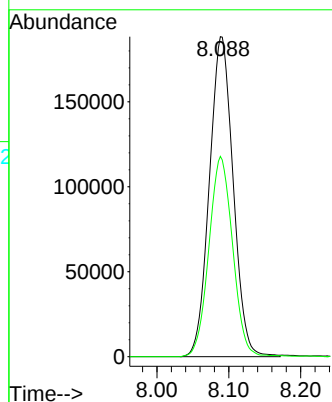
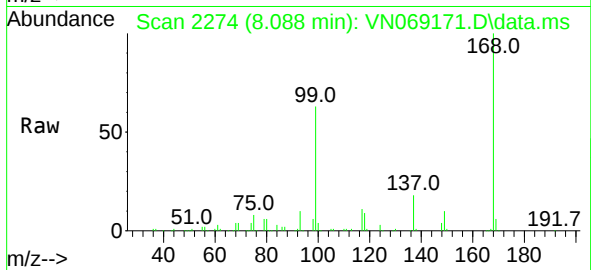




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069171.D
Acq: 25 Oct 2021 23:36

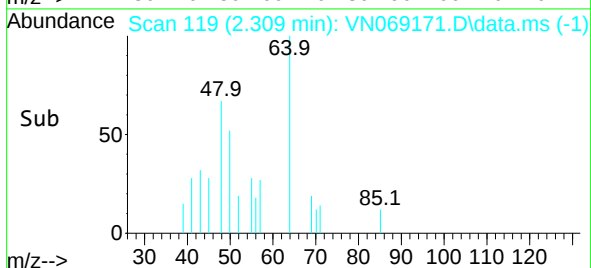
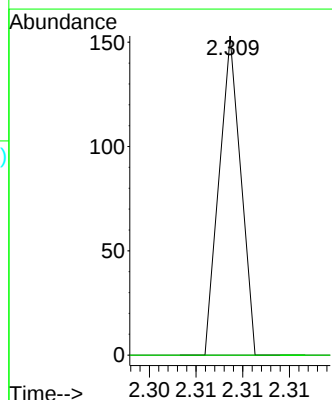
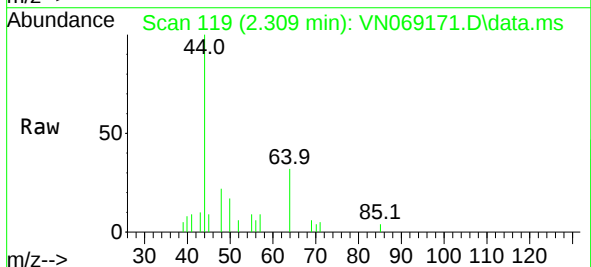
Instrument :
MSVOA_N
ClientSampleId :

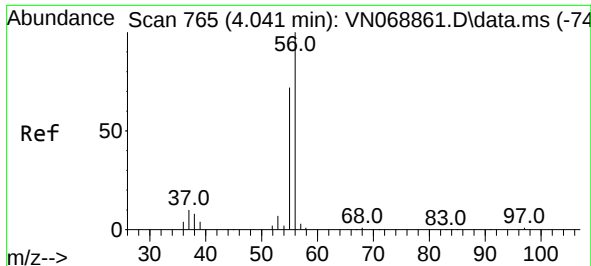
Tgt Ion:168 Resp: 431935
Ion Ratio Lower Upper
168 100
99 62.6 48.9 73.3



#2
Dichlorodifluoromethane
Concen: 1.248 ug/l
RT: 2.309 min Scan# 119
Delta R.T. 0.236 min
Lab File: VN069171.D
Acq: 25 Oct 2021 23:36

Tgt Ion: 85 Resp: 25
Ion Ratio Lower Upper
85 100
87 0.0 16.3 48.8#

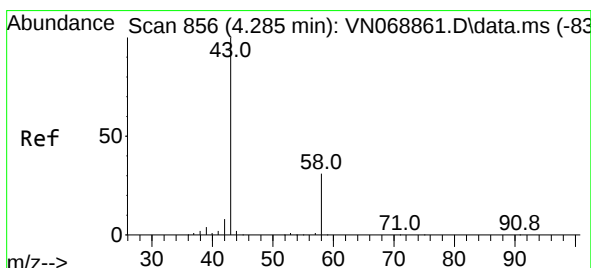
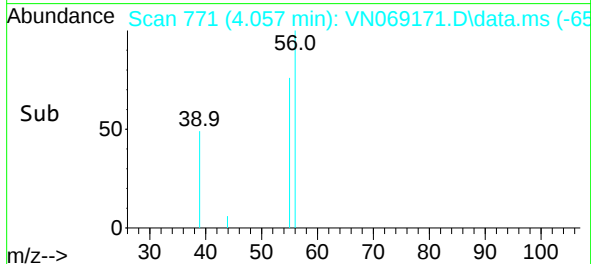
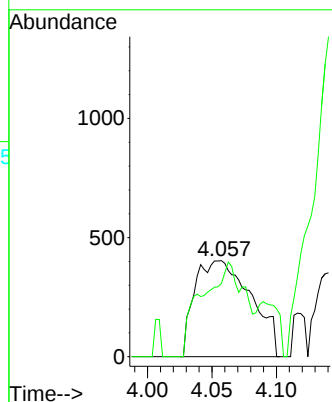
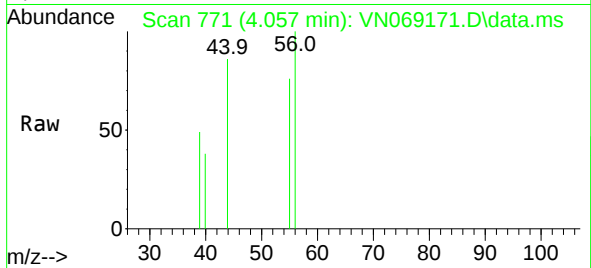




#13
Acrolein
Concen: 2.661 ug/l
RT: 4.057 min Scan# 771
Delta R.T. 0.016 min
Lab File: VN069171.D
Acq: 25 Oct 2021 23:36

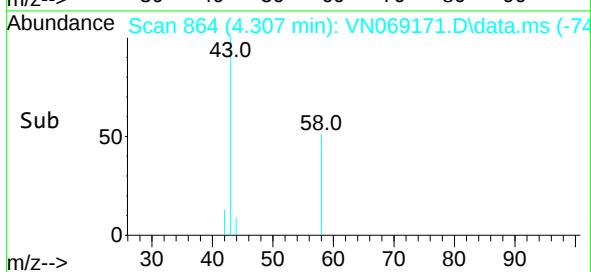
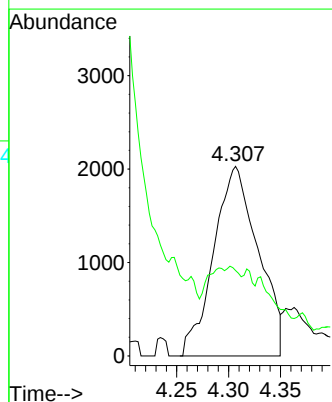
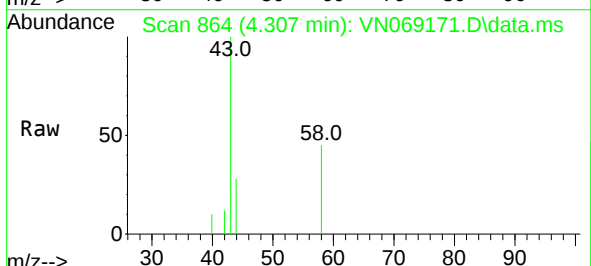
Instrument :
MSVOA_N
ClientSampled :

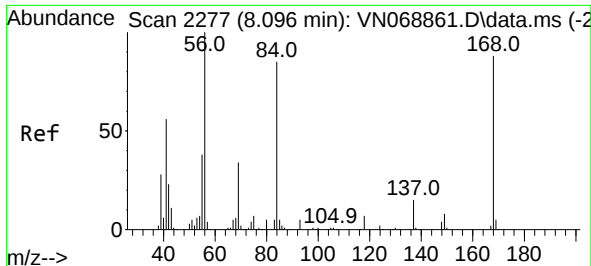
Tgt Ion: 56 Resp: 1225
Ion Ratio Lower Upper
56 100
55 73.0 58.1 87.1



#16
Acetone
Concen: 2.852 ug/l
RT: 4.307 min Scan# 864
Delta R.T. 0.021 min
Lab File: VN069171.D
Acq: 25 Oct 2021 23:36

Tgt Ion: 43 Resp: 6061
Ion Ratio Lower Upper
43 100
58 20.5 24.5 36.7#

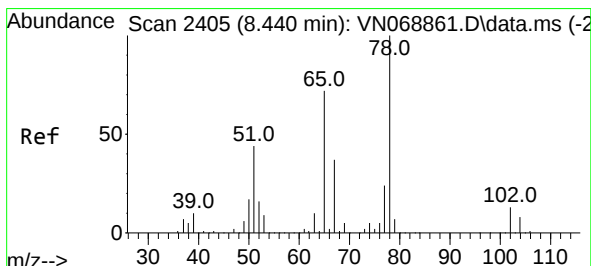
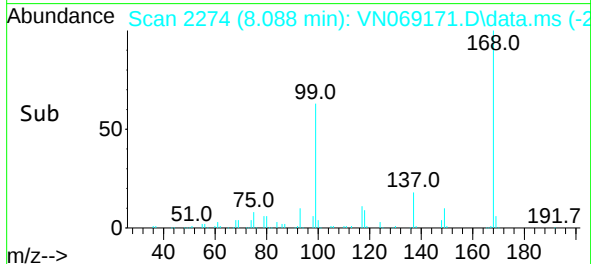
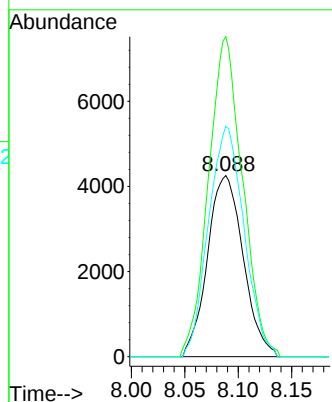
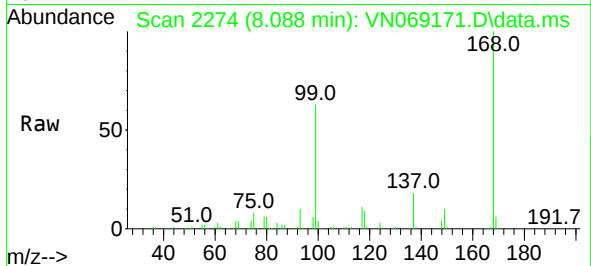




#31
Cyclohexane
Concen: 1.117 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN069171.D
Acq: 25 Oct 2021 23:36

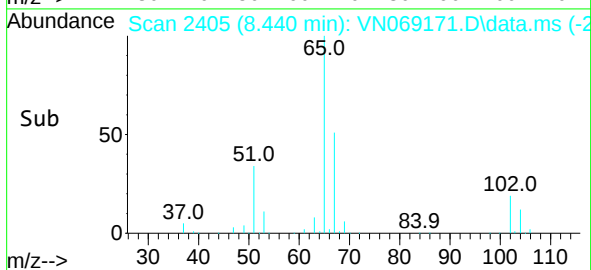
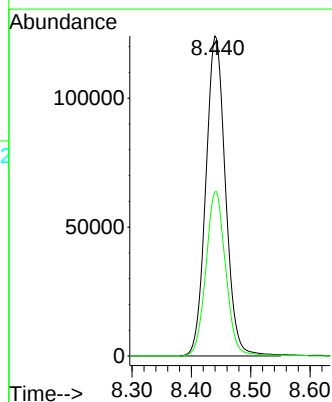
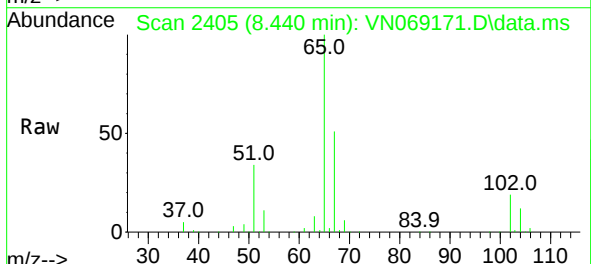
Instrument :
MSVOA_N
ClientSampled :

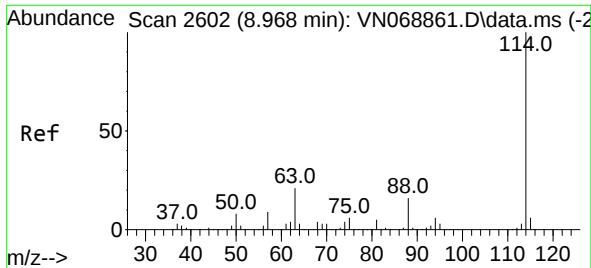
Tgt Ion: 56 Resp: 9887
Ion Ratio Lower Upper
56 100
69 176.7 26.9 40.3#
84 127.1 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 50.113 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069171.D
Acq: 25 Oct 2021 23:36

Tgt Ion: 65 Resp: 285387
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.8

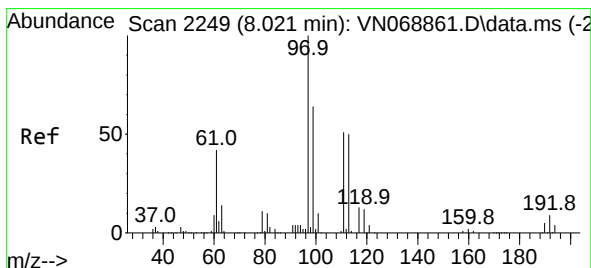
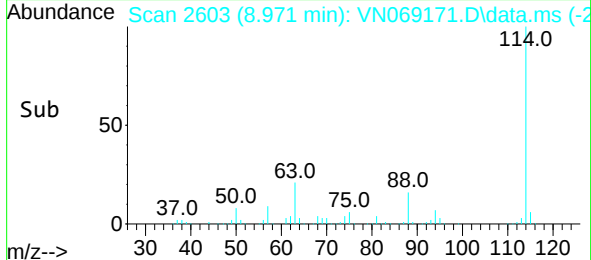
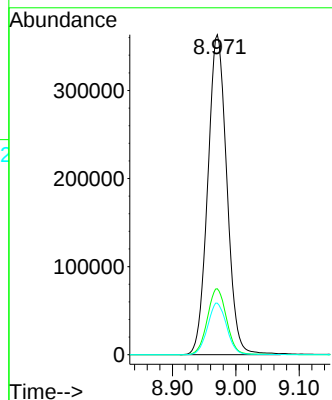
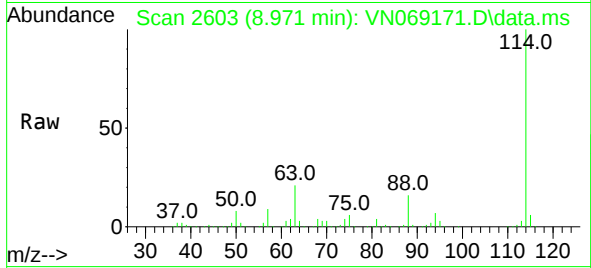




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069171.D
Acq: 25 Oct 2021 23:36

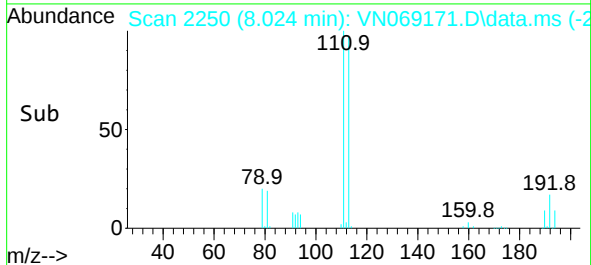
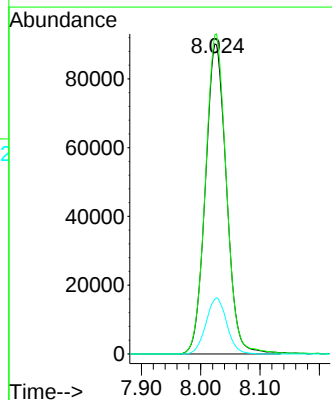
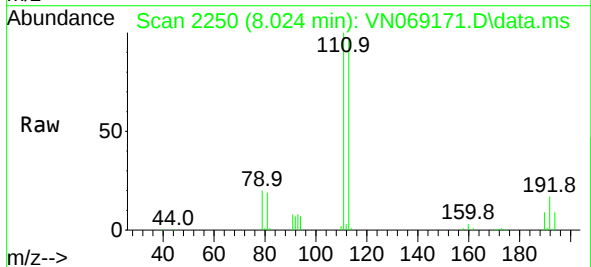
Instrument :
MSVOA_N
ClientSampled :

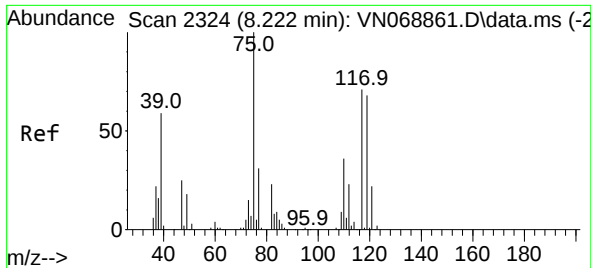
Tgt Ion:114 Resp: 760205
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.6
88 16.1 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.331 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069171.D
Acq: 25 Oct 2021 23:36

Tgt Ion:113 Resp: 222610
Ion Ratio Lower Upper
113 100
111 102.3 83.2 124.8
192 17.8 15.0 22.4

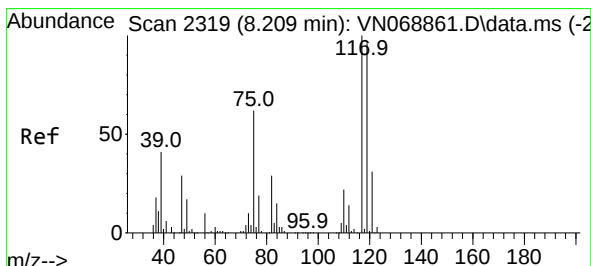
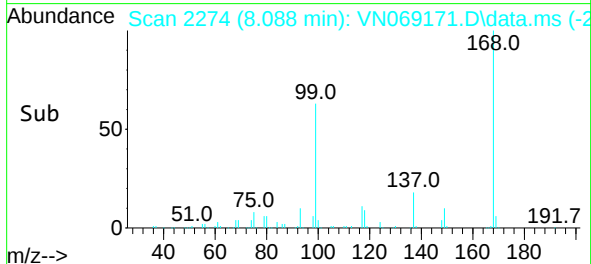
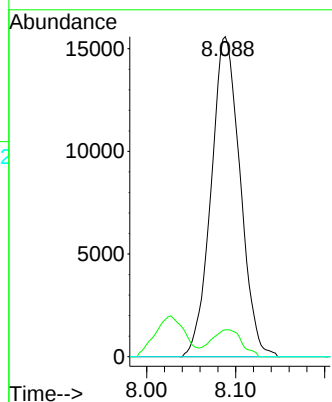
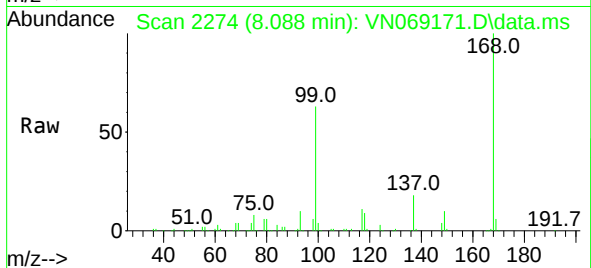




#36
1,1-Dichloropropene
Concen: 5.437 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069171.D
Acq: 25 Oct 2021 23:36

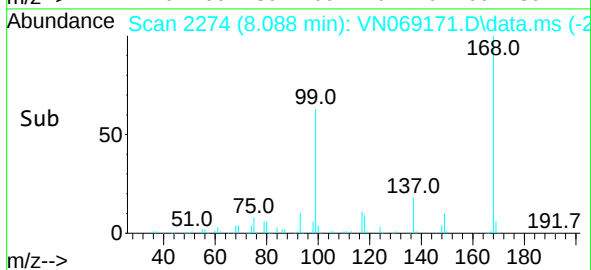
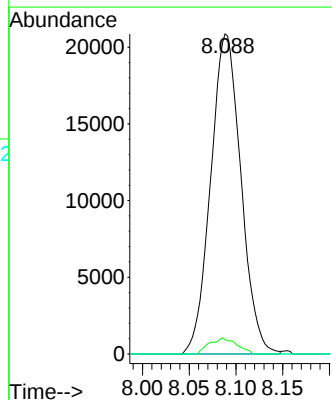
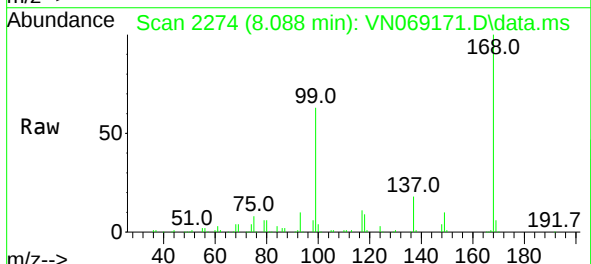
Instrument :
MSVOA_N
ClientSampleId :

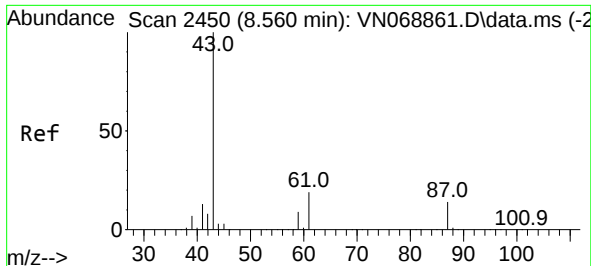
Tgt Ion: 75 Resp: 35305
Ion Ratio Lower Upper
75 100
110 8.7 17.9 53.8#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.595 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN069171.D
Acq: 25 Oct 2021 23:36

Tgt Ion: 117 Resp: 47032
Ion Ratio Lower Upper
117 100
119 4.5 76.9 115.3#
121 0.0 24.6 37.0#

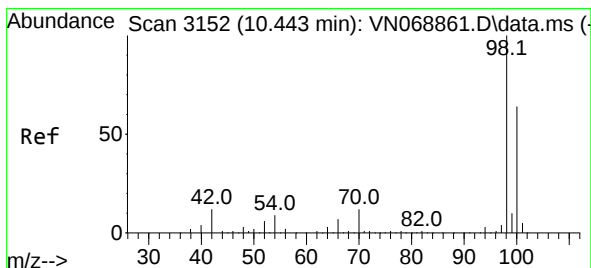
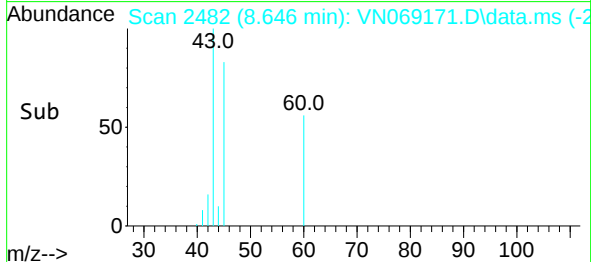
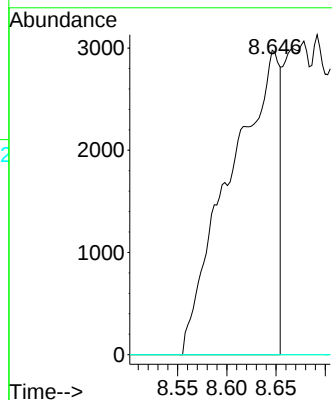
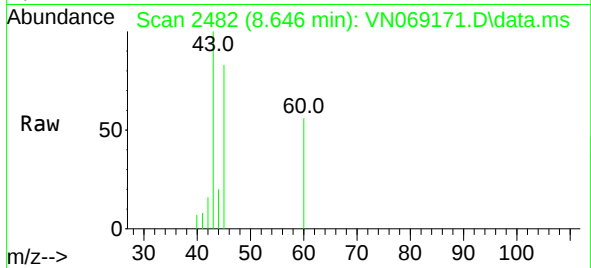




#43
Isopropyl Acetate
Concen: 0.882 ug/l
RT: 8.646 min Scan# 2482
Delta R.T. 0.086 min
Lab File: VN069171.D
Acq: 25 Oct 2021 23:36

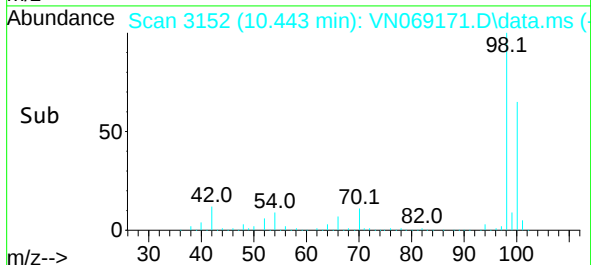
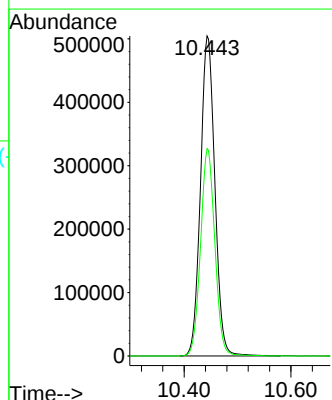
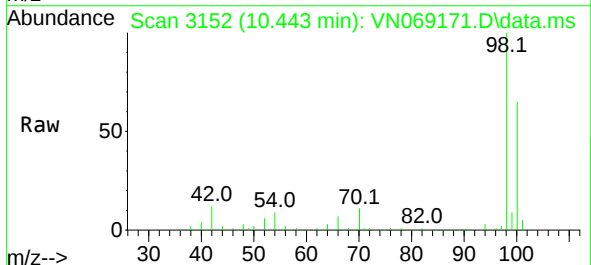
Instrument :
MSVOA_N
ClientSampled :

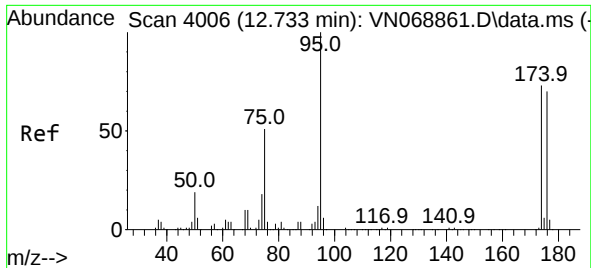
Tgt Ion: 43 Resp: 10431
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#



#50
Toluene-d8
Concen: 53.370 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069171.D
Acq: 25 Oct 2021 23:36

Tgt Ion: 98 Resp: 944481
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3

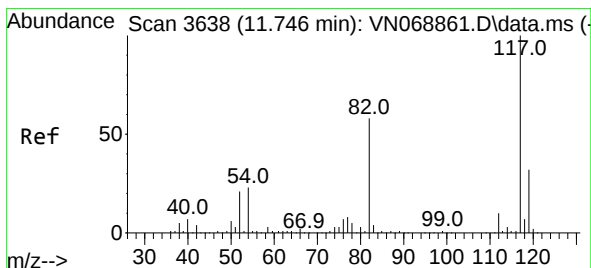
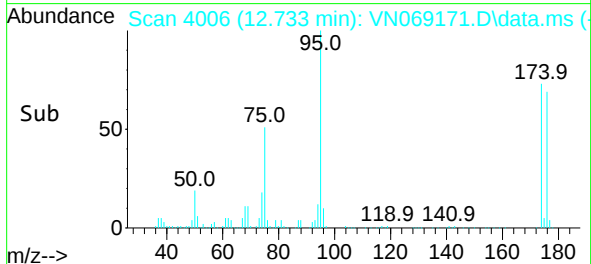
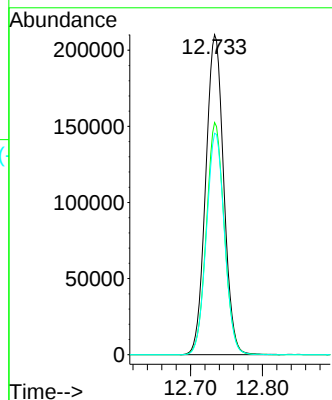
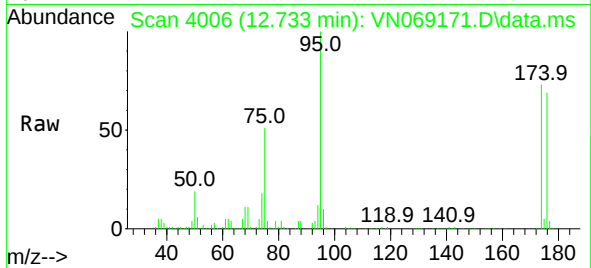




#62
4-Bromofluorobenzene
Concen: 54.738 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069171.D
Acq: 25 Oct 2021 23:36

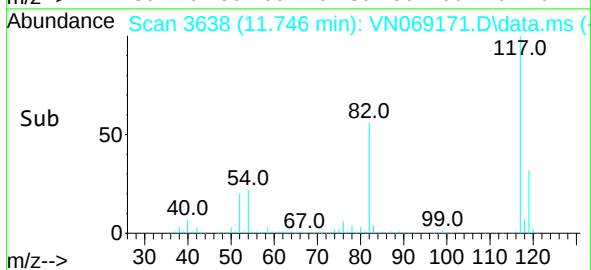
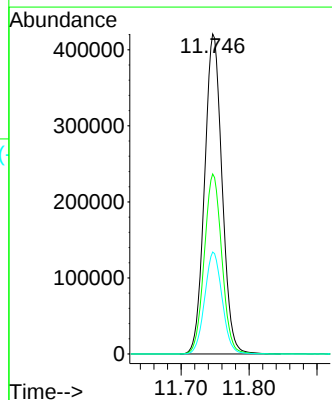
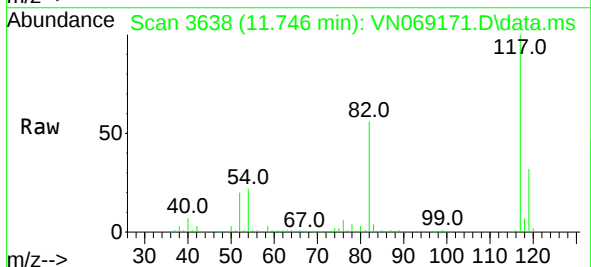
Instrument :
MSVOA_N
ClientSampleId :

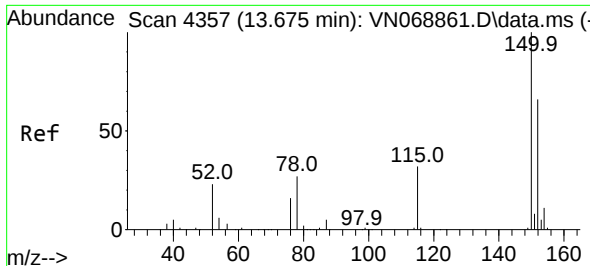
Tgt Ion: 95 Resp: 365477
Ion Ratio Lower Upper
95 100
174 72.2 0.0 144.8
176 69.5 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069171.D
Acq: 25 Oct 2021 23:36

Tgt Ion: 117 Resp: 752074
Ion Ratio Lower Upper
117 100
82 56.3 46.4 69.6
119 31.8 26.0 39.0

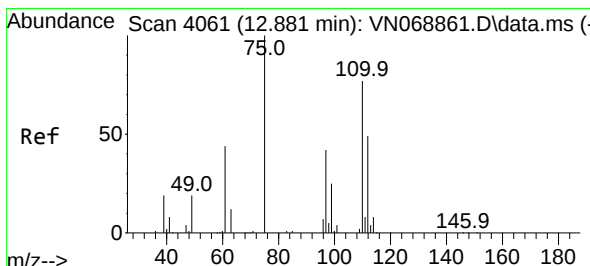
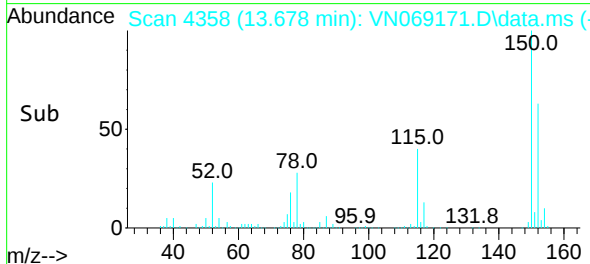
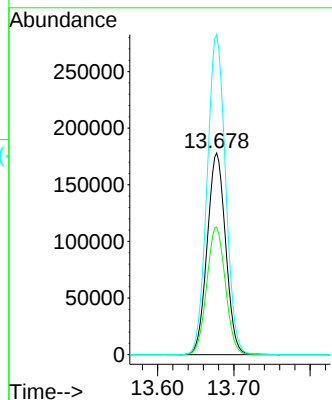
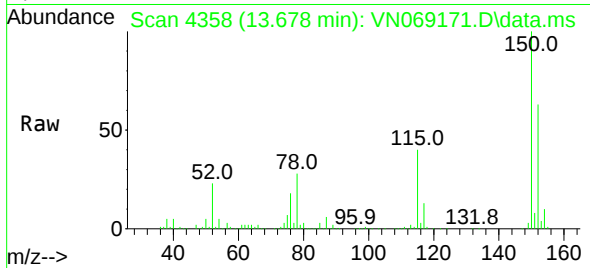




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN069171.D
 Acq: 25 Oct 2021 23:36

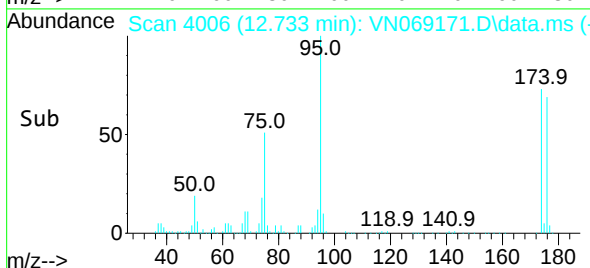
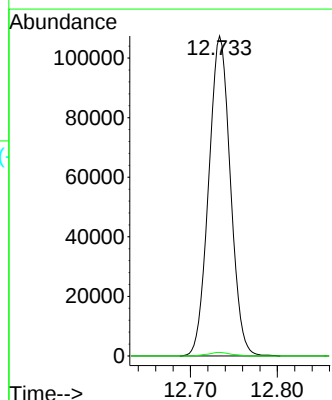
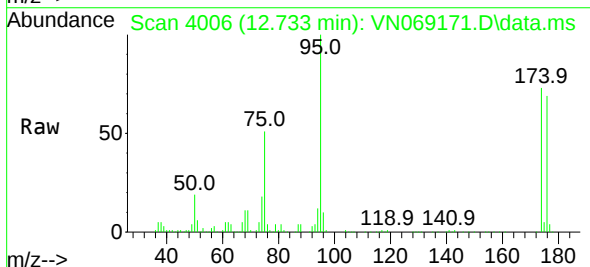
Instrument :
 MSVOA_N
 ClientSampled :

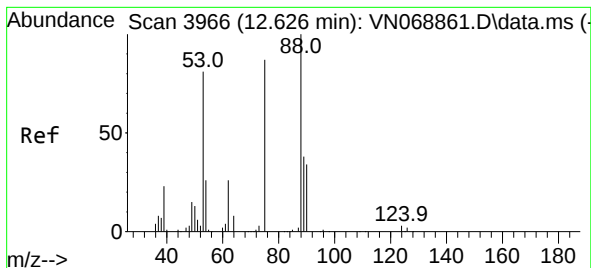
Tgt Ion:152 Resp: 299097
 Ion Ratio Lower Upper
 152 100
 115 63.9 31.4 94.3
 150 158.7 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 29.250 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. -0.148 min
 Lab File: VN069171.D
 Acq: 25 Oct 2021 23:36

Tgt Ion: 75 Resp: 186144
 Ion Ratio Lower Upper
 75 100
 77 1.2 96.2 288.4#

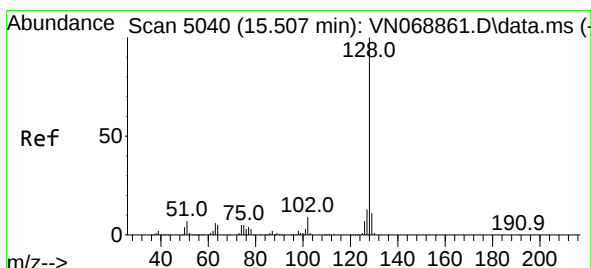
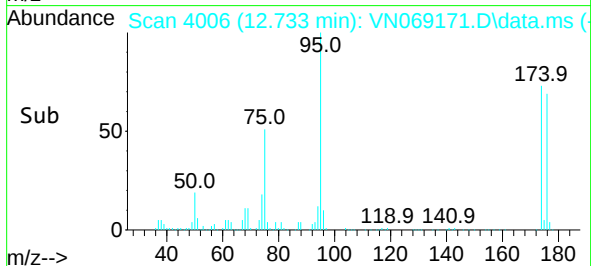
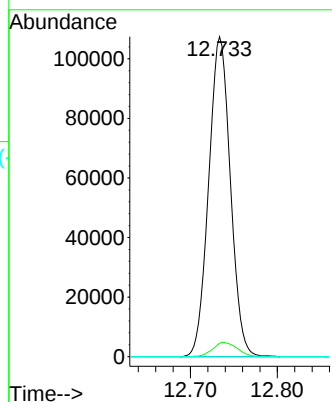
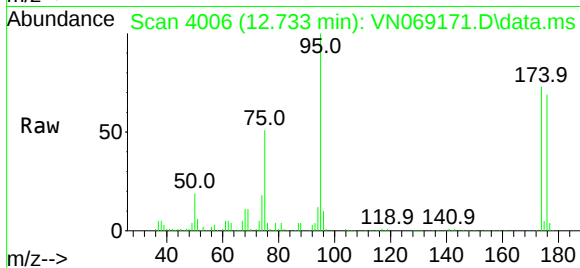




#81
trans-1,4-Dichloro-2-butene
Concen: 69.979 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069171.D
Acq: 25 Oct 2021 23:36

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 186144
Ion Ratio Lower Upper
75 100
53 5.1 75.4 113.2#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 3.922 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069171.D
Acq: 25 Oct 2021 23:36

Tgt Ion:128 Resp: 1652
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

