

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102021\
 Data File : VN069070.D
 Acq On : 20 Oct 2021 18:42
 Operator : JC/MD
 Sample : M4252-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 20 23:15:50 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

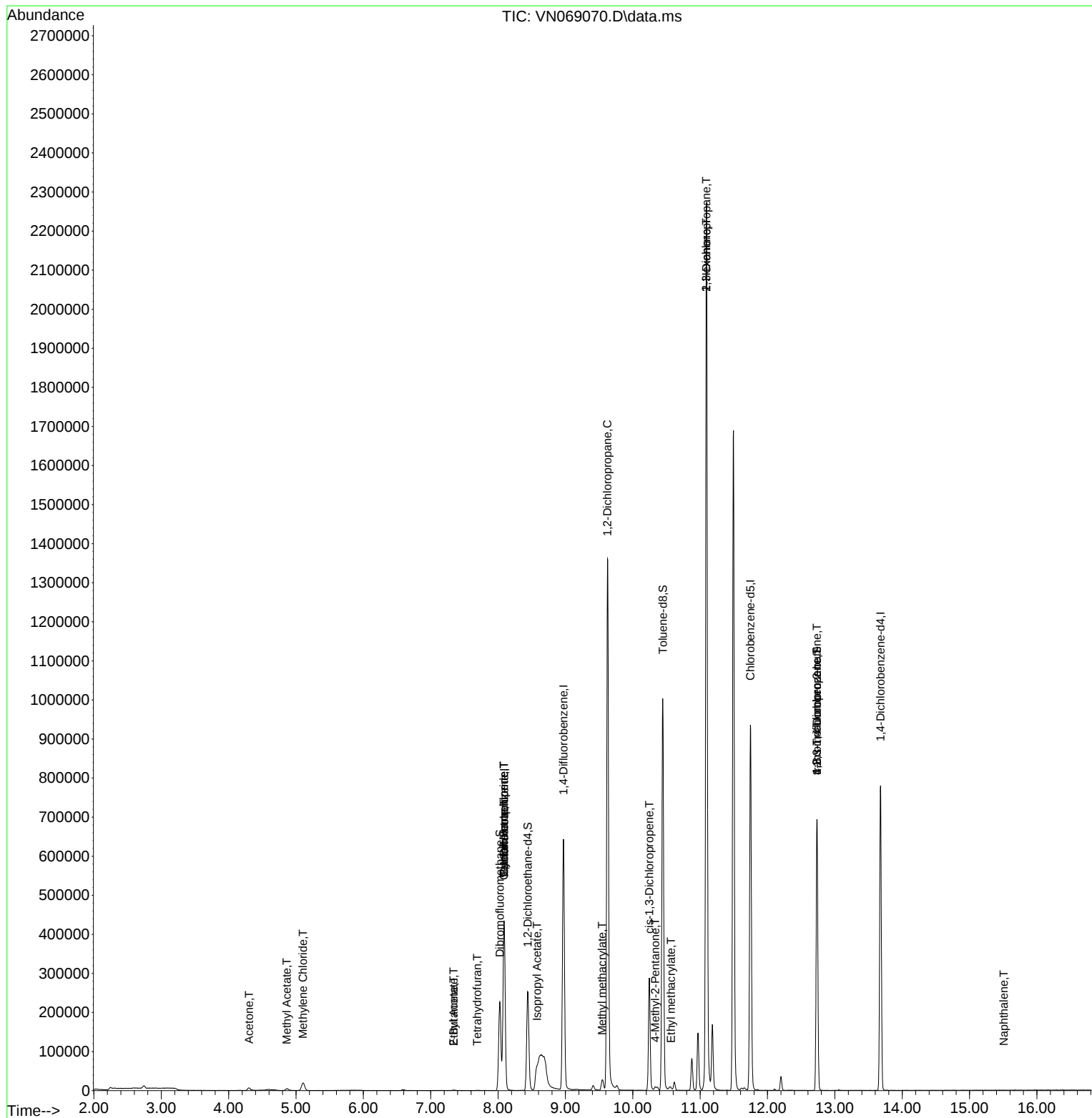
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.091	168	327458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	579797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	550393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	206771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	214375	49.653	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.300%		
35) Dibromofluoromethane	8.027	113	169178	50.152	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.300%		
50) Toluene-d8	10.446	98	714796	52.959	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.920%		
62) 4-Bromofluorobenzene	12.733	95	251742	49.436	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.880%		
Target Compounds						
					Qvalue	
16) Acetone	4.301	43	12815	7.954	ug/l	97
18) Methyl Acetate	4.864	43	10906	1.785	ug/l #	76
20) Methylene Chloride	5.103	84	17046	4.597	ug/l	92
25) 2-Butanone	7.340	43	2720	1.116	ug/l	91
29) Tetrahydrofuran	7.691	42	383	0.242	ug/l #	33
31) Cyclohexane	8.088	56	7486	1.115	ug/l #	1
36) 1,1-Dichloropropene	8.088	75	27104	5.473	ug/l #	49
37) Ethyl Acetate	7.340	43	2720	0.532	ug/l #	68
38) Carbon Tetrachloride	8.086	117	34554	6.353	ug/l #	15
43) Isopropyl Acetate	8.579	43	58624	6.496	ug/l #	77
45) 1,2-Dichloropropane	9.622	63	1754	0.448	ug/l #	43
48) Methyl methacrylate	9.544	41	7013	1.654	ug/l #	13
51) 4-Methyl-2-Pentanone	10.333	43	4025	0.769	ug/l #	77
54) cis-1,3-Dichloropropene	10.245	75	54563	8.364	ug/l #	60
56) Ethyl methacrylate	10.566	69	4183	0.651	ug/l	94
57) 1,3-Dichloropropane	11.092	76	25558	4.052	ug/l #	42
59) 2-Hexanone	11.092	43	364530	97.141	ug/l #	51
76) 1,2,3-Trichloropropane	12.733	75	132415	30.098	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	132415	72.007	ug/l #	12
95) Naphthalene	15.507	128	190	3.830	ug/l #	69

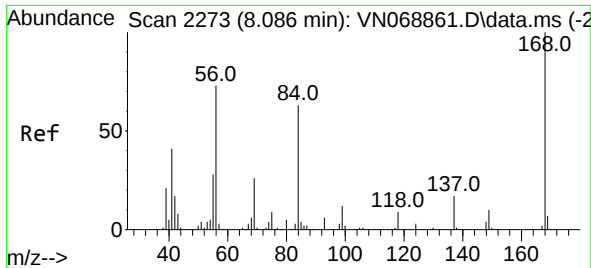
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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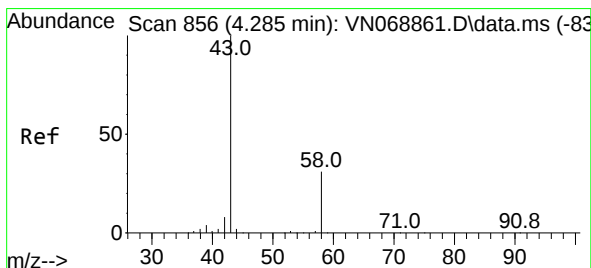
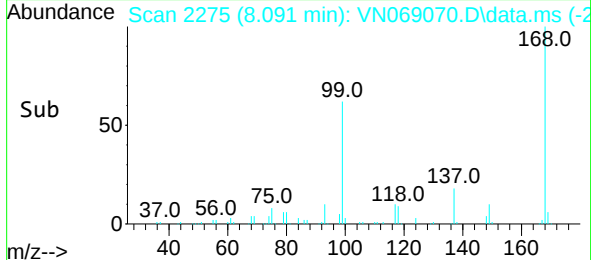
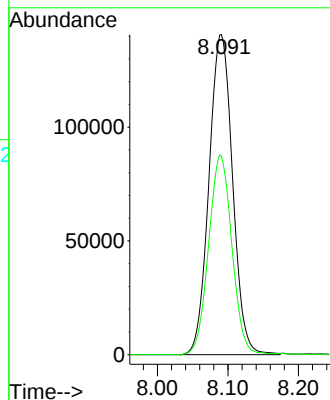
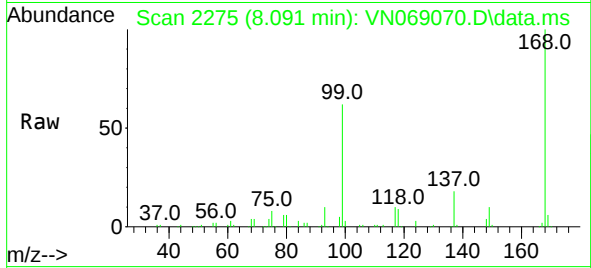




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.005 min
Lab File: VN069070.D
Acq: 20 Oct 2021 18:42

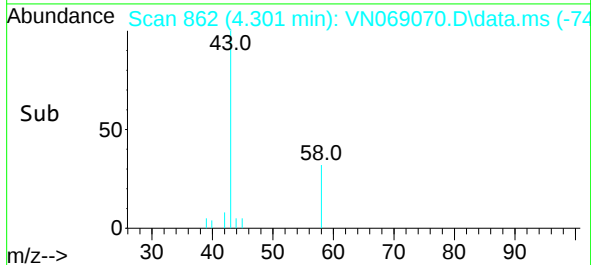
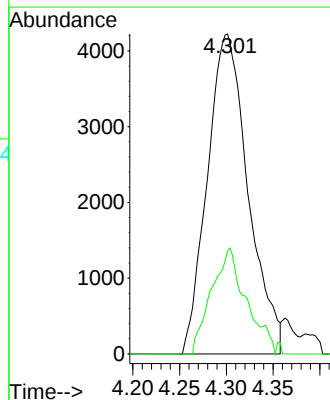
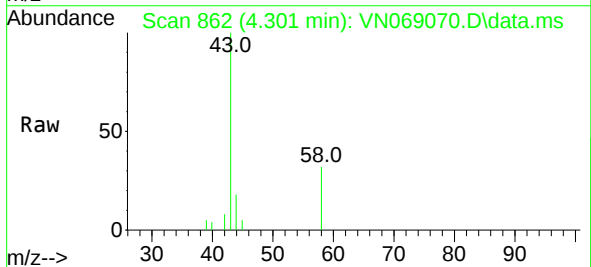
Instrument :
MSVOA_N
ClientSampleId :

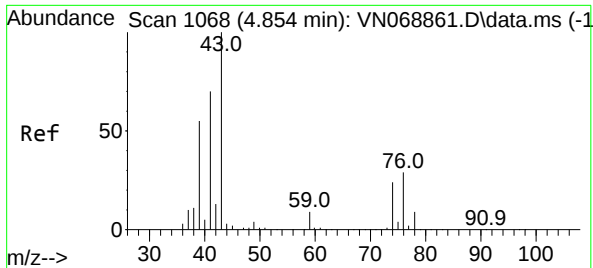
Tgt Ion:168 Resp: 327458
Ion Ratio Lower Upper
168 100
99 62.0 48.9 73.3



#16
Acetone
Concen: 7.954 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.016 min
Lab File: VN069070.D
Acq: 20 Oct 2021 18:42

Tgt Ion: 43 Resp: 12815
Ion Ratio Lower Upper
43 100
58 32.2 24.5 36.7

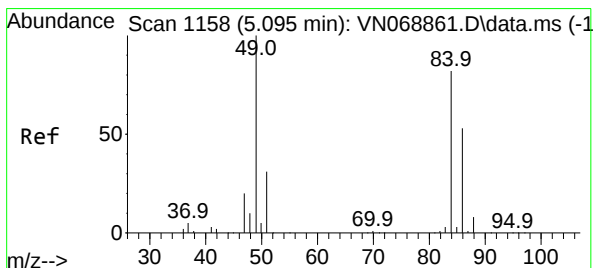
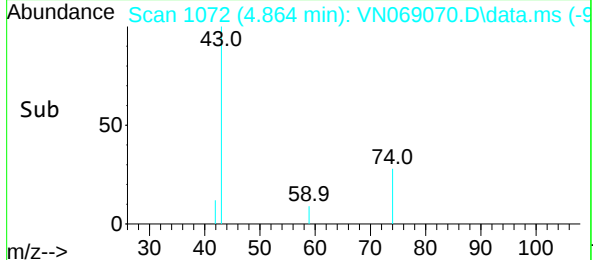
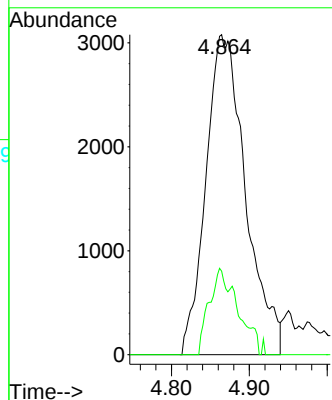
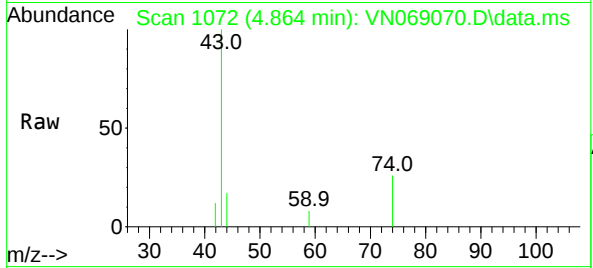




#18
Methyl Acetate
Concen: 1.785 ug/l
RT: 4.864 min Scan# 1072
Delta R.T. 0.011 min
Lab File: VN069070.D
Acq: 20 Oct 2021 18:42

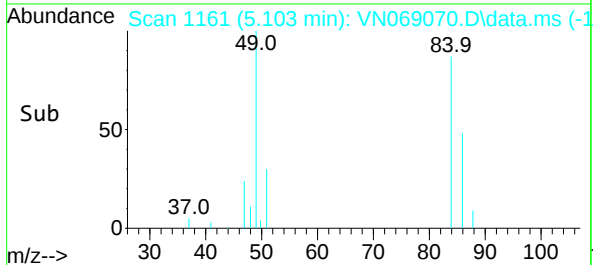
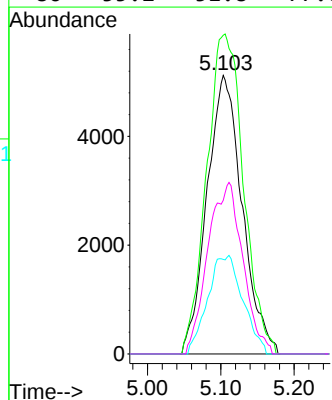
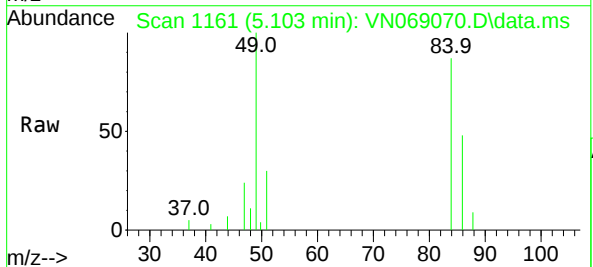
Instrument :
MSVOA_N
ClientSampled :

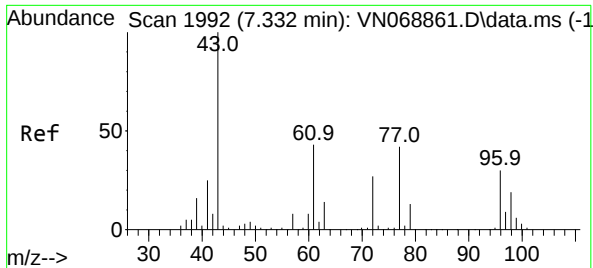
Tgt Ion: 43 Resp: 10906
Ion Ratio Lower Upper
43 100
74 11.8 18.9 28.3#



#20
Methylene Chloride
Concen: 4.597 ug/l
RT: 5.103 min Scan# 1161
Delta R.T. 0.008 min
Lab File: VN069070.D
Acq: 20 Oct 2021 18:42

Tgt Ion: 84 Resp: 17046
Ion Ratio Lower Upper
84 100
49 114.4 97.6 146.4
51 33.9 30.3 45.5
86 55.2 51.8 77.6

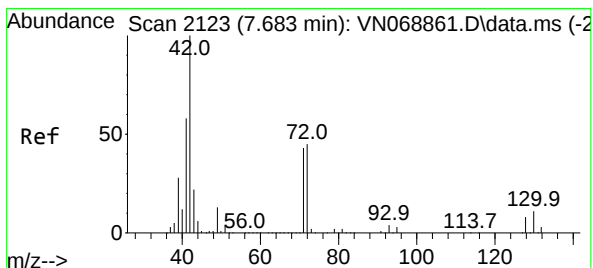
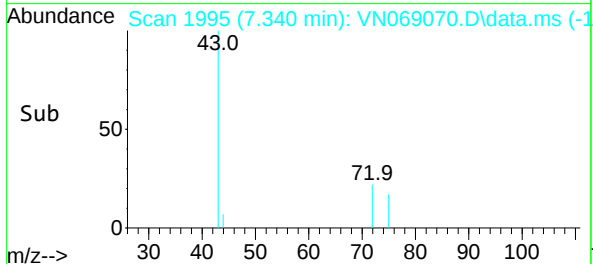
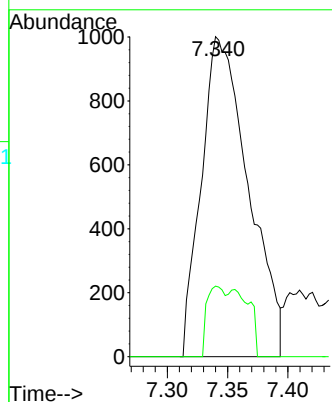
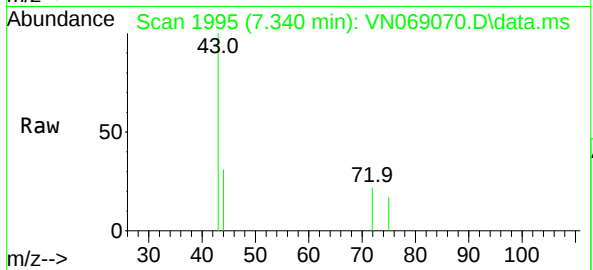




#25
2-Butanone
Concen: 1.116 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. 0.008 min
Lab File: VN069070.D
Acq: 20 Oct 2021 18:42

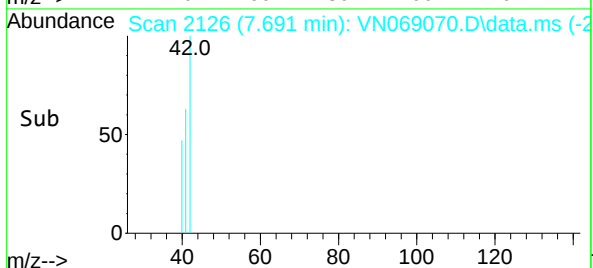
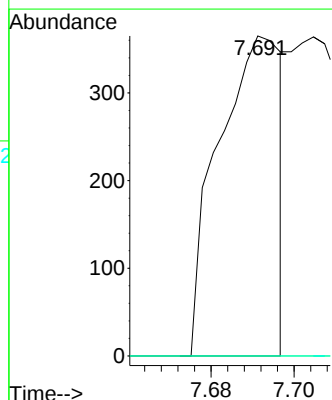
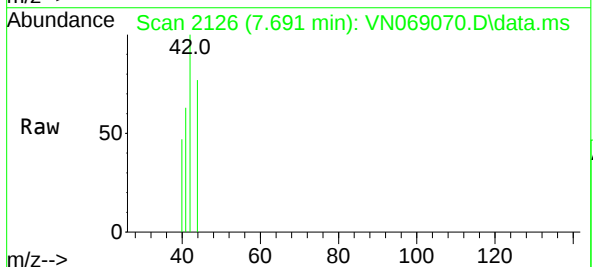
Instrument :
MSVOA_N
ClientSampled :

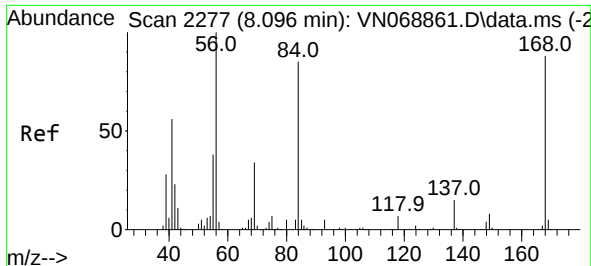
Tgt Ion: 43 Resp: 2720
Ion Ratio Lower Upper
43 100
72 22.1 21.2 31.8



#29
Tetrahydrofuran
Concen: 0.242 ug/l
RT: 7.691 min Scan# 2126
Delta R.T. 0.008 min
Lab File: VN069070.D
Acq: 20 Oct 2021 18:42

Tgt Ion: 42 Resp: 383
Ion Ratio Lower Upper
42 100
72 0.0 35.4 53.2#
71 0.0 33.8 50.6#

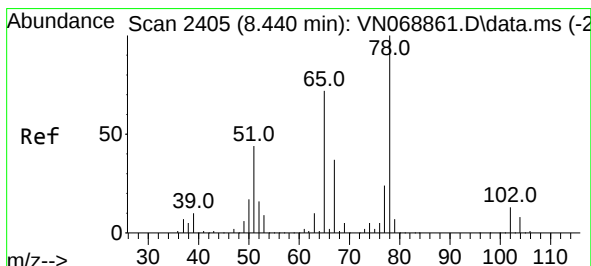
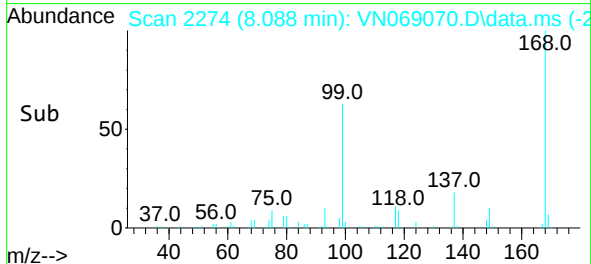
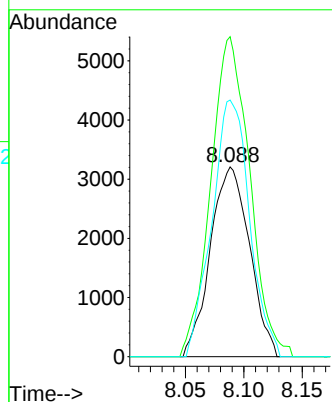
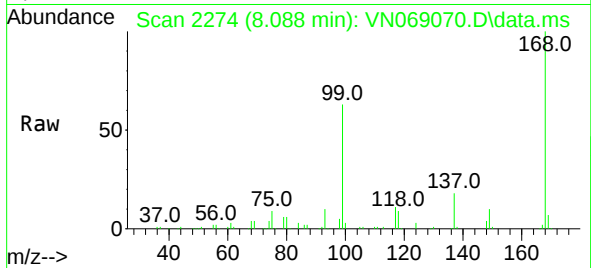




#31
Cyclohexane
Concen: 1.115 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN069070.D
Acq: 20 Oct 2021 18:42

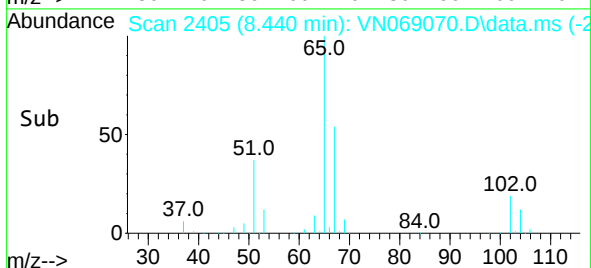
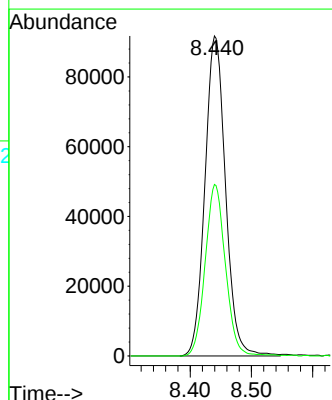
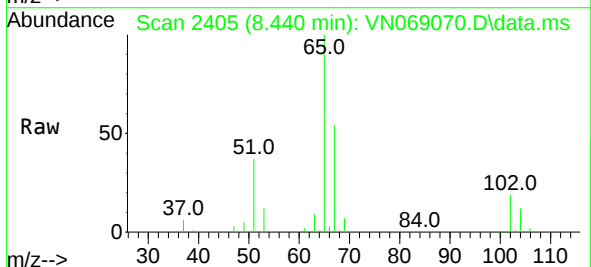
Instrument :
MSVOA_N
ClientSampled :

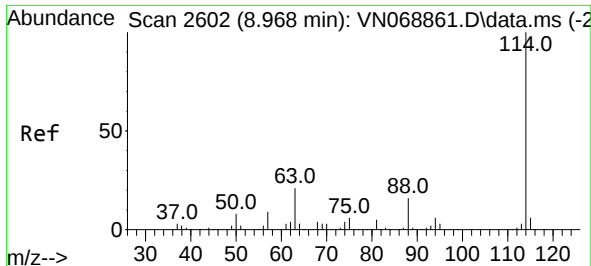
Tgt Ion: 56 Resp: 7486
Ion Ratio Lower Upper
56 100
69 168.6 26.9 40.3#
84 135.2 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 49.653 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069070.D
Acq: 20 Oct 2021 18:42

Tgt Ion: 65 Resp: 214375
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.8

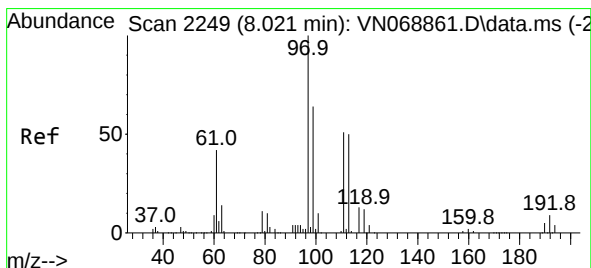
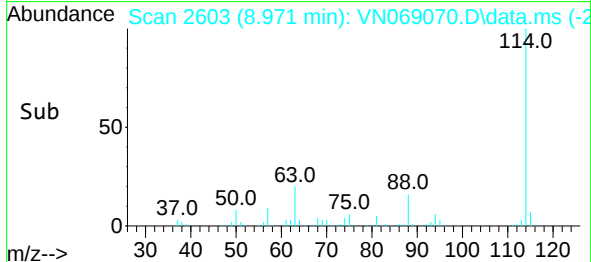
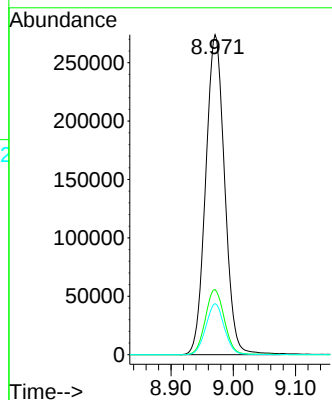
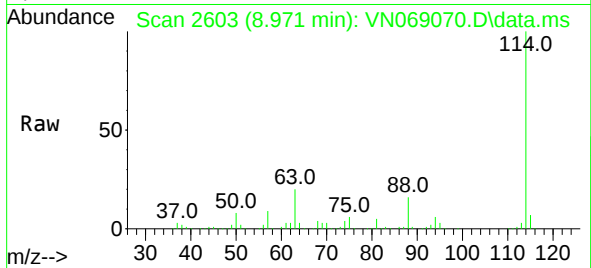




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069070.D
Acq: 20 Oct 2021 18:42

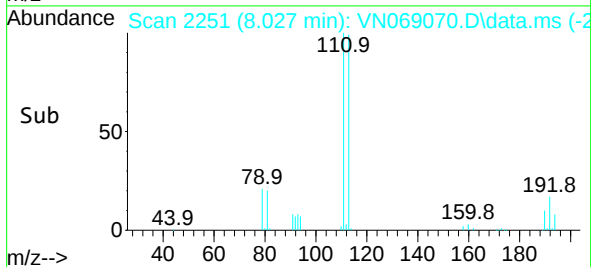
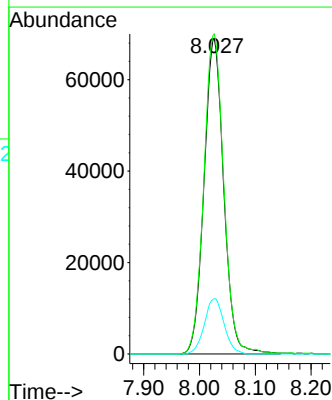
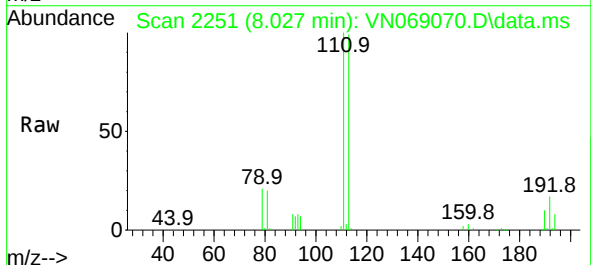
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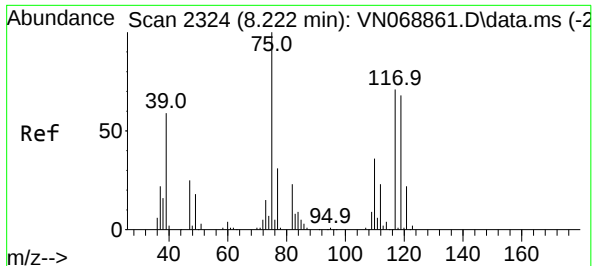
Tgt Ion:114 Resp: 579797
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.6
88 15.9 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.152 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.005 min
Lab File: VN069070.D
Acq: 20 Oct 2021 18:42

Tgt Ion:113 Resp: 169178
Ion Ratio Lower Upper
113 100
111 102.2 83.2 124.8
192 17.6 15.0 22.4

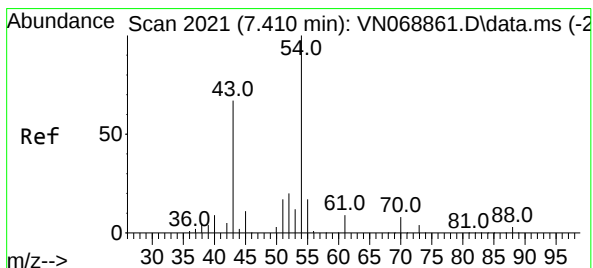
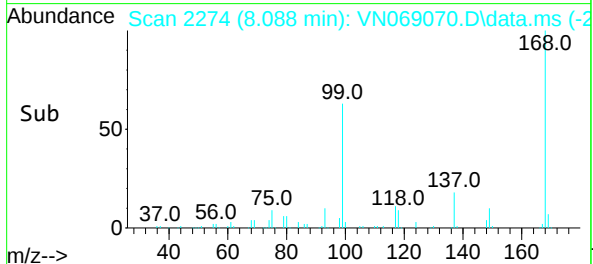
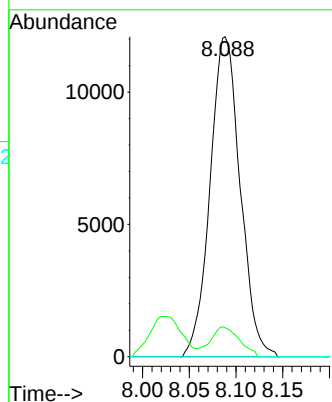
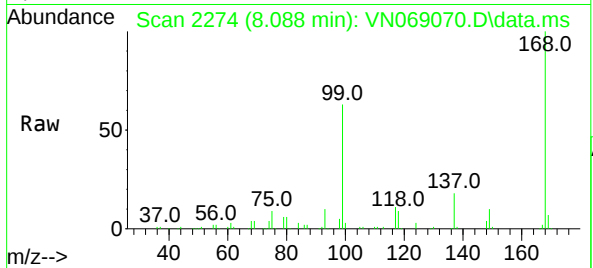




#36
1,1-Dichloropropene
Concen: 5.473 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069070.D
Acq: 20 Oct 2021 18:42

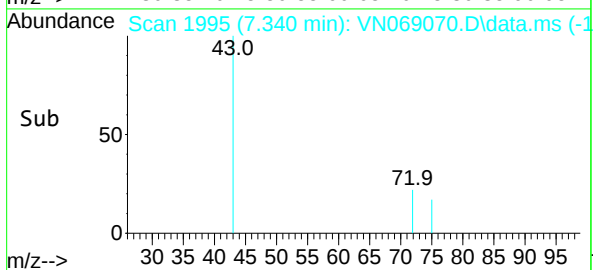
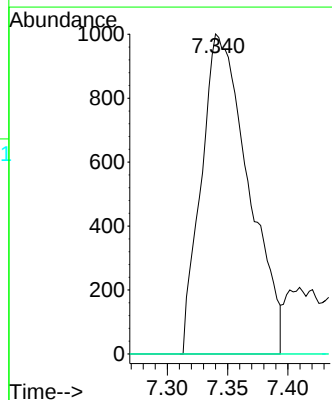
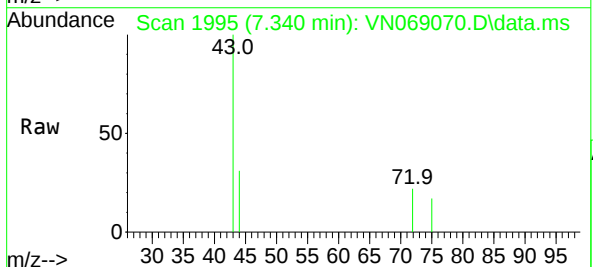
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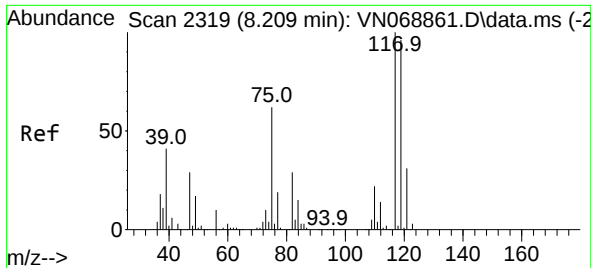
Tgt Ion: 75 Resp: 27104
Ion Ratio Lower Upper
75 100
110 9.0 17.9 53.8#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.532 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. -0.070 min
Lab File: VN069070.D
Acq: 20 Oct 2021 18:42

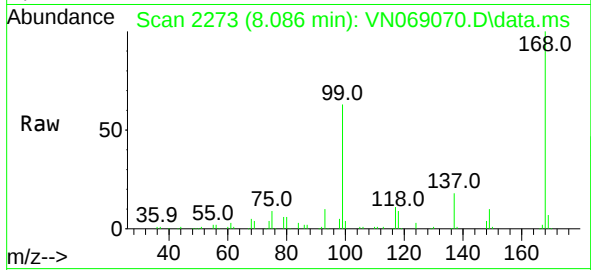
Tgt Ion: 43 Resp: 2720
Ion Ratio Lower Upper
43 100
61 0.0 11.2 16.8#
70 0.0 8.4 12.6#



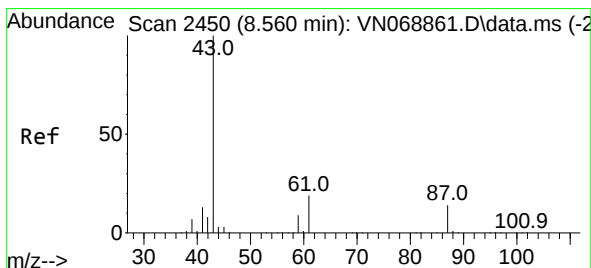
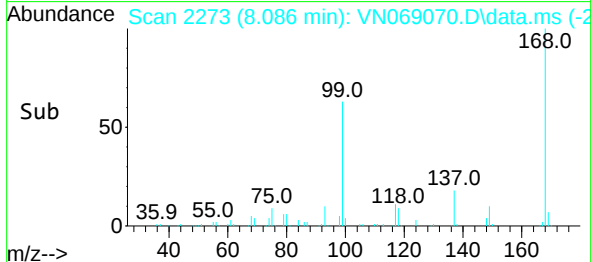
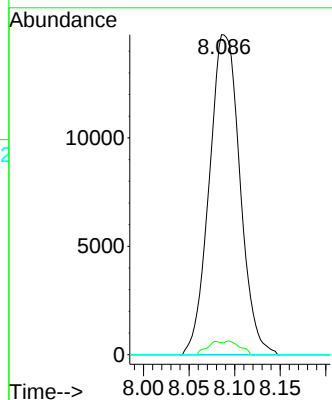


#38
Carbon Tetrachloride
Concen: 6.353 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.123 min
Lab File: VN069070.D
Acq: 20 Oct 2021 18:42

Instrument :
MSVOA_N
ClientSampleId :

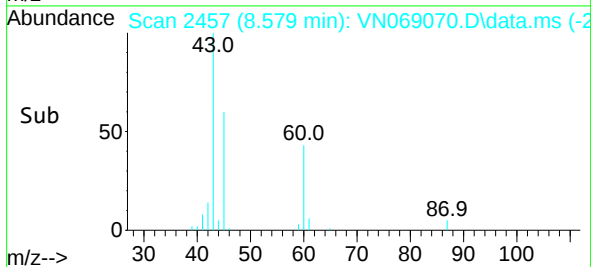
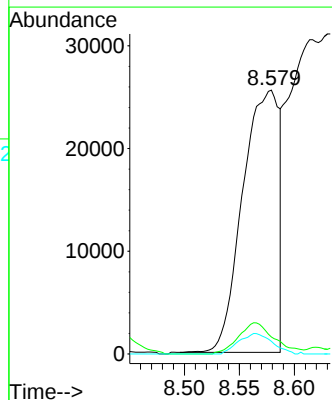
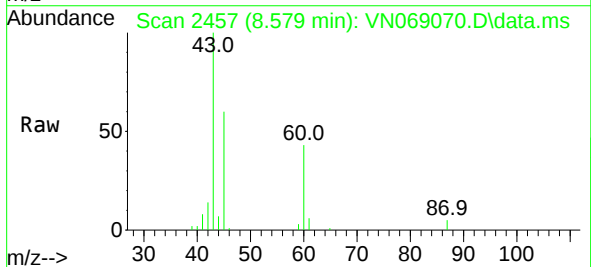


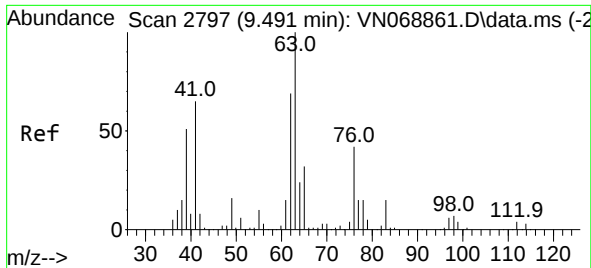
Tgt Ion:117 Resp: 34554
Ion Ratio Lower Upper
117 100
119 3.7 76.9 115.3#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 6.496 ug/l
RT: 8.579 min Scan# 2457
Delta R.T. 0.019 min
Lab File: VN069070.D
Acq: 20 Oct 2021 18:42

Tgt Ion: 43 Resp: 58624
Ion Ratio Lower Upper
43 100
61 11.8 20.4 30.6#
87 7.2 10.7 16.1#

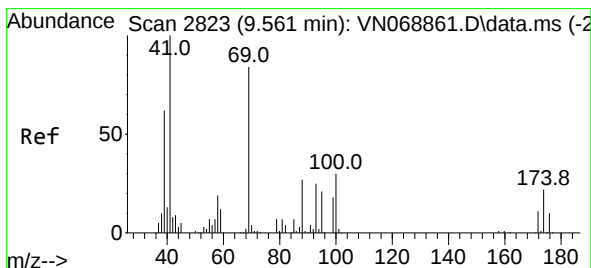
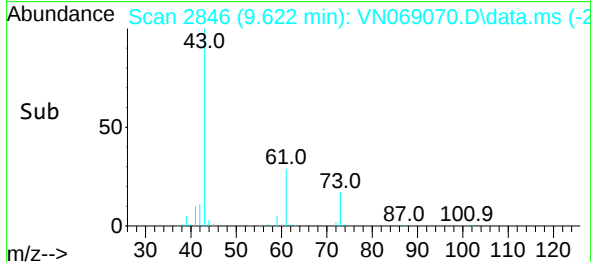
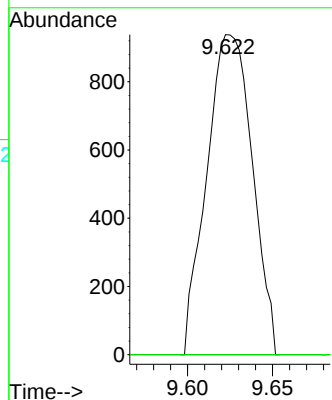
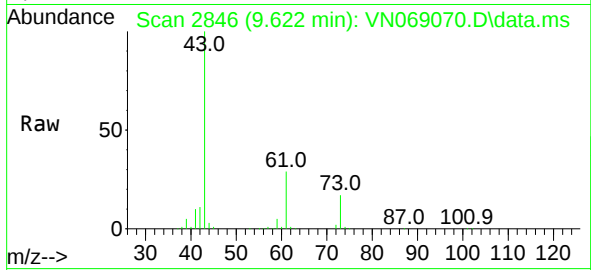




#45
1,2-Dichloropropane
Concen: 0.448 ug/l
RT: 9.622 min Scan# 2846
Delta R.T. 0.131 min
Lab File: VN069070.D
Acq: 20 Oct 2021 18:42

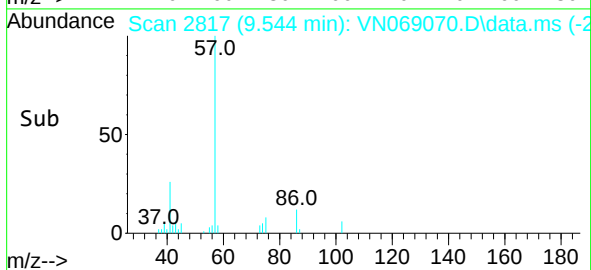
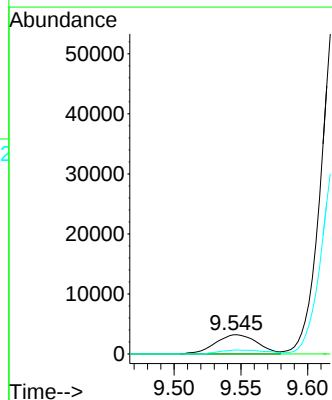
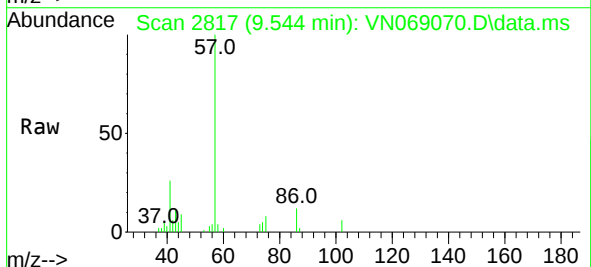
Instrument :
MSVOA_N
ClientSampled :

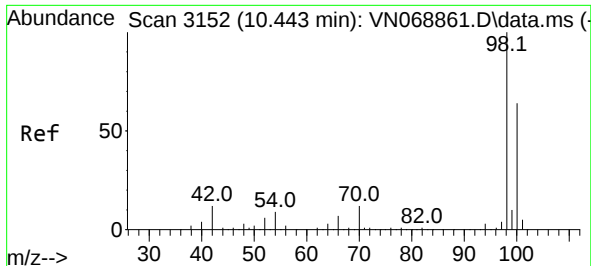
Tgt Ion: 63 Resp: 1754
Ion Ratio Lower Upper
63 100
65 0.0 25.6 38.4#



#48
Methyl methacrylate
Concen: 1.654 ug/l
RT: 9.544 min Scan# 2817
Delta R.T. -0.016 min
Lab File: VN069070.D
Acq: 20 Oct 2021 18:42

Tgt Ion: 41 Resp: 7013
Ion Ratio Lower Upper
41 100
69 0.0 66.4 99.6#
39 0.0 50.2 75.2#

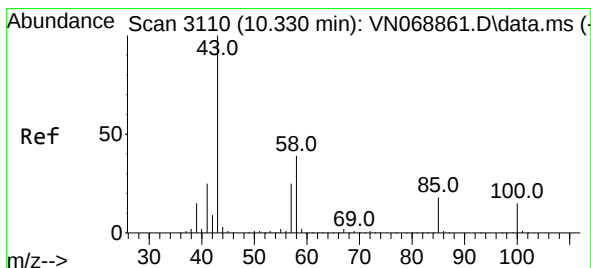
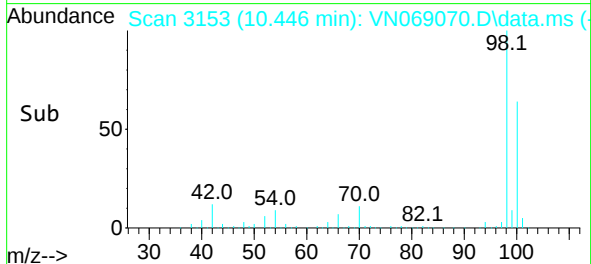
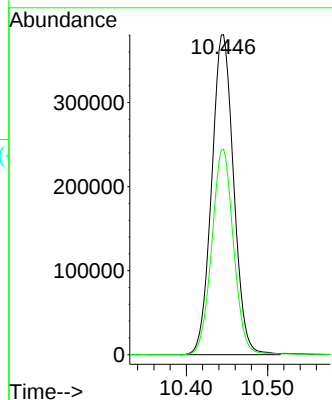
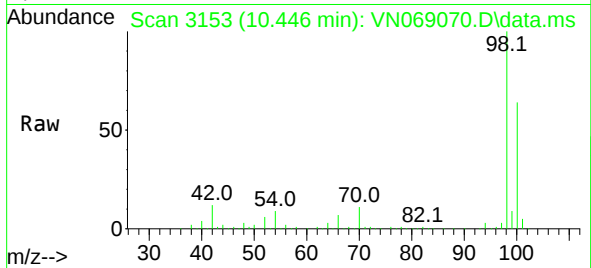




#50
Toluene-d8
Concen: 52.959 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN069070.D
Acq: 20 Oct 2021 18:42

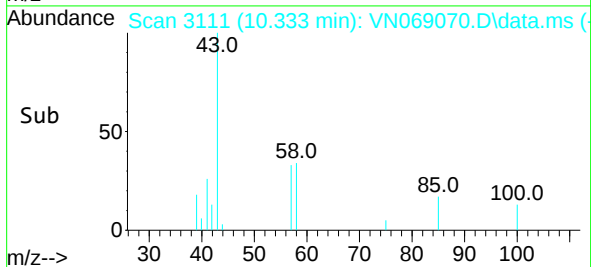
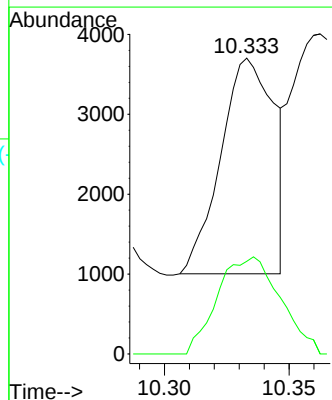
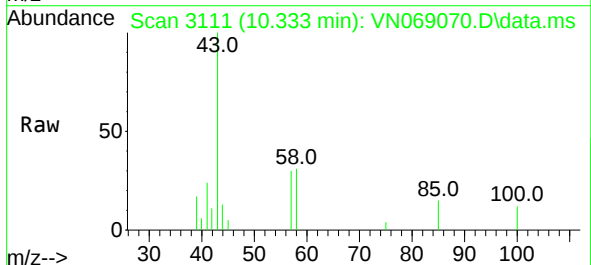
Instrument :
MSVOA_N
ClientSampled :

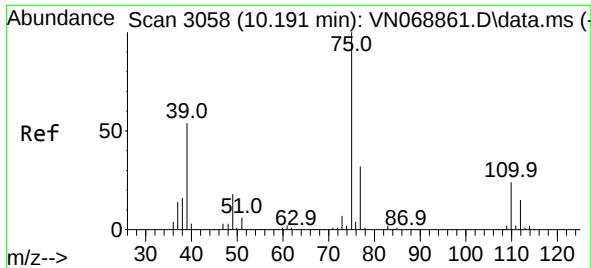
Tgt Ion: 98 Resp: 714796
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.769 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN069070.D
Acq: 20 Oct 2021 18:42

Tgt Ion: 43 Resp: 4025
Ion Ratio Lower Upper
43 100
58 52.9 31.0 46.4#

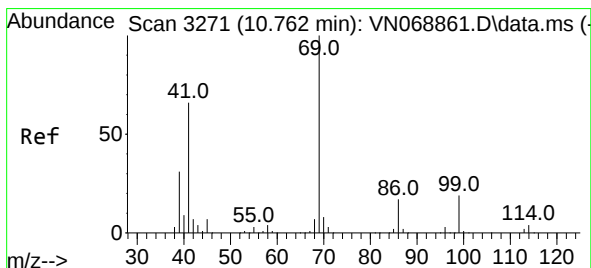
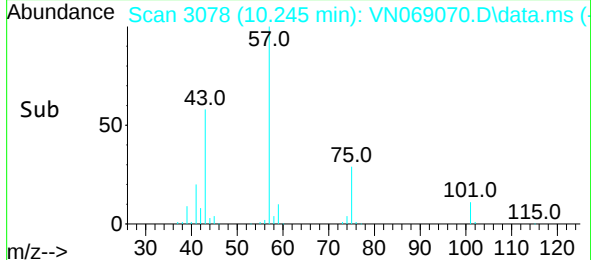
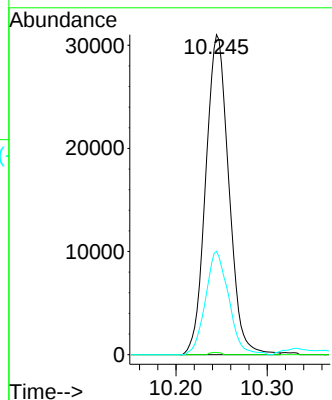
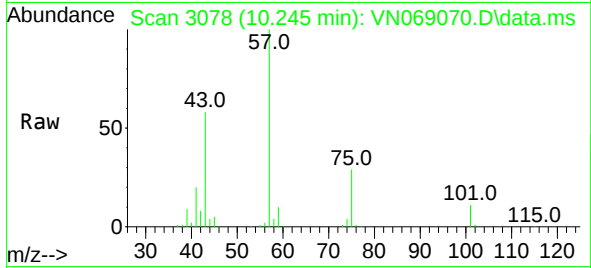




#54
cis-1,3-Dichloropropene
Concen: 8.364 ug/l
RT: 10.245 min Scan# 3078
Delta R.T. 0.054 min
Lab File: VN069070.D
Acq: 20 Oct 2021 18:42

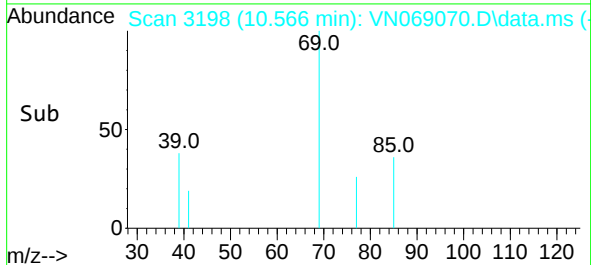
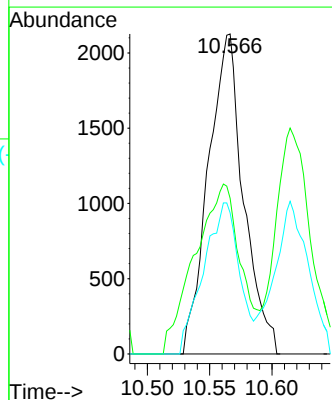
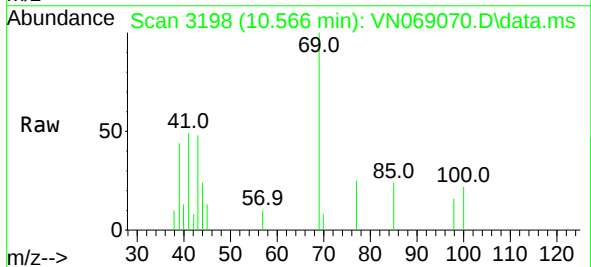
Instrument :
MSVOA_N
ClientSampled :

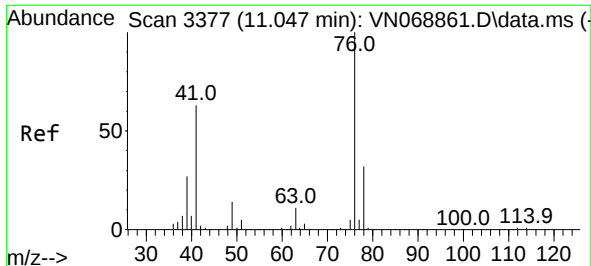
Tgt Ion: 75 Resp: 54563
Ion Ratio Lower Upper
75 100
77 0.7 25.6 38.4#
39 32.3 42.9 64.3#



#56
Ethyl methacrylate
Concen: 0.651 ug/l
RT: 10.566 min Scan# 3198
Delta R.T. -0.196 min
Lab File: VN069070.D
Acq: 20 Oct 2021 18:42

Tgt Ion: 69 Resp: 4183
Ion Ratio Lower Upper
69 100
41 69.6 53.3 79.9
39 48.1 33.3 49.9

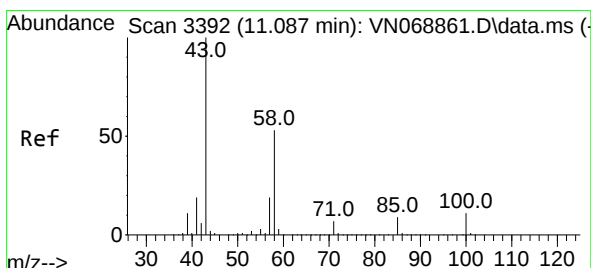
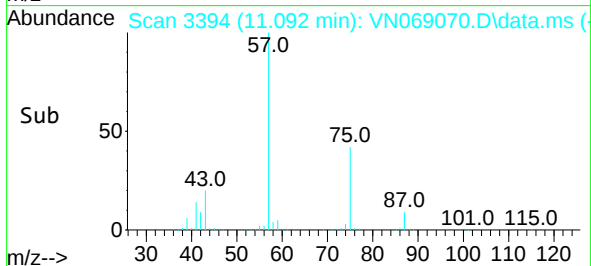
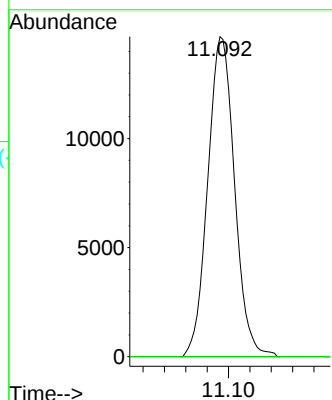
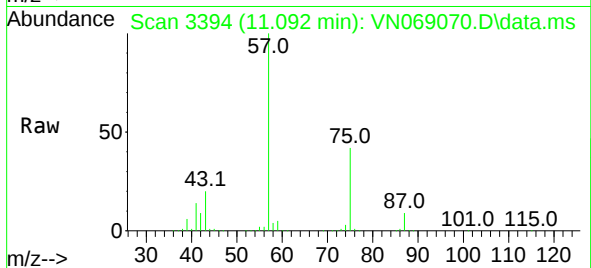




#57
1,3-Dichloropropane
Concen: 4.052 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.046 min
Lab File: VN069070.D
Acq: 20 Oct 2021 18:42

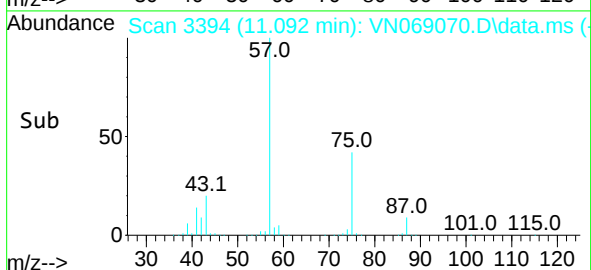
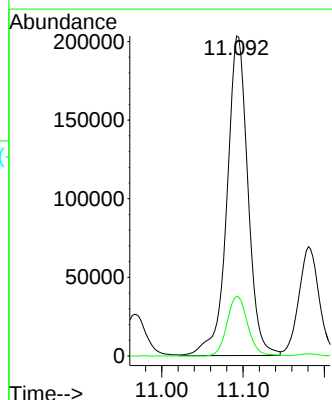
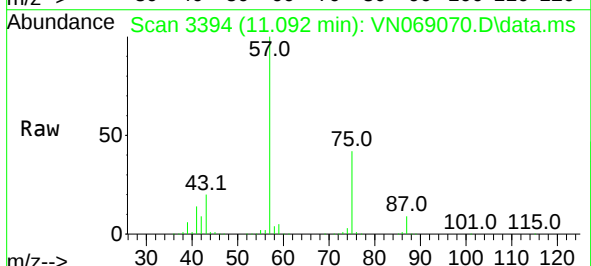
Instrument :
MSVOA_N
ClientSampled :

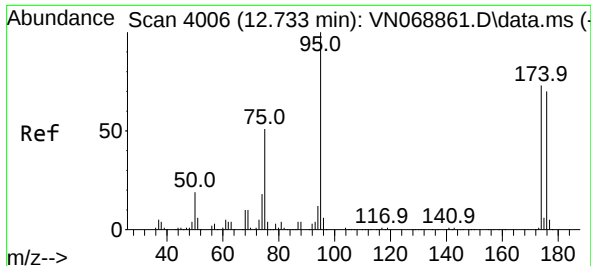
Tgt Ion: 76 Resp: 25558
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.8#



#59
2-Hexanone
Concen: 97.141 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN069070.D
Acq: 20 Oct 2021 18:42

Tgt Ion: 43 Resp: 364530
Ion Ratio Lower Upper
43 100
58 18.4 26.9 80.7#

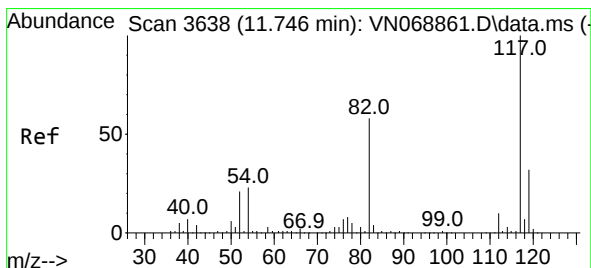
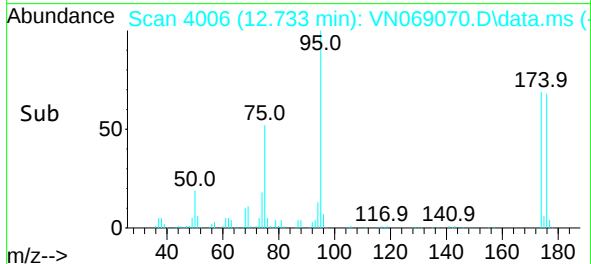
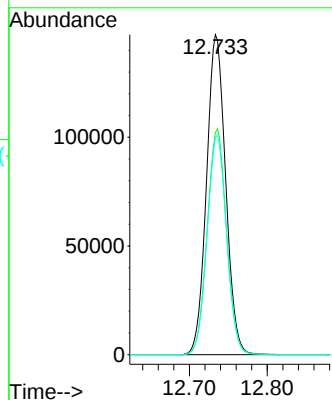
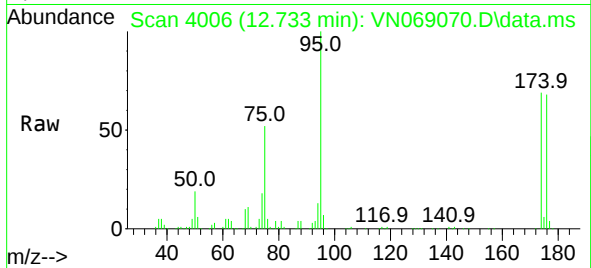




#62
4-Bromofluorobenzene
Concen: 49.436 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069070.D
Acq: 20 Oct 2021 18:42

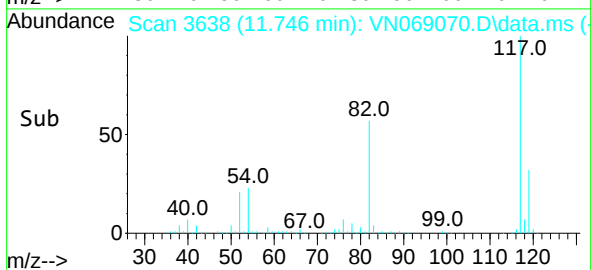
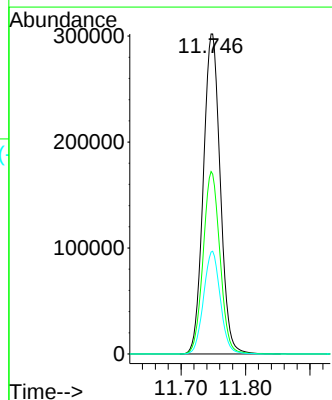
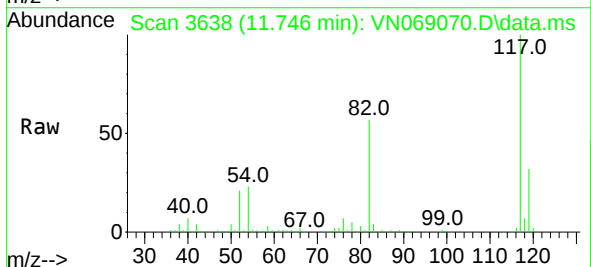
Instrument :
MSVOA_N
ClientSampleId :

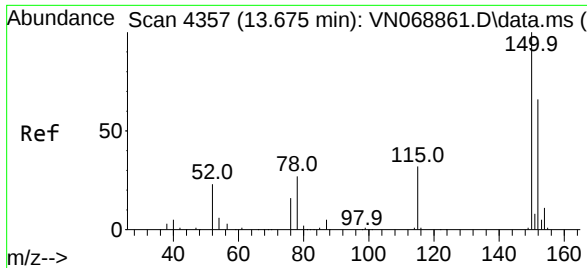
Tgt Ion: 95 Resp: 251742
Ion Ratio Lower Upper
95 100
174 71.3 0.0 144.8
176 69.8 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069070.D
Acq: 20 Oct 2021 18:42

Tgt Ion: 117 Resp: 550393
Ion Ratio Lower Upper
117 100
82 57.0 46.4 69.6
119 31.8 26.0 39.0

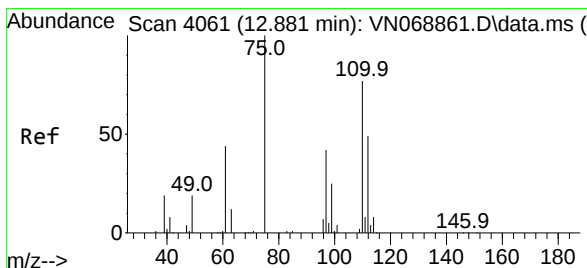
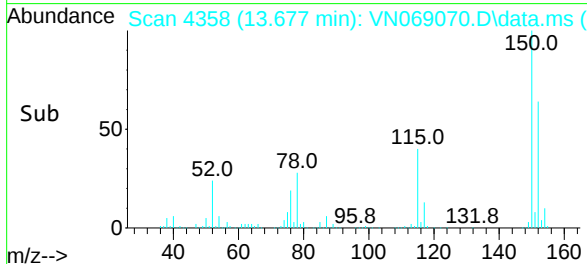
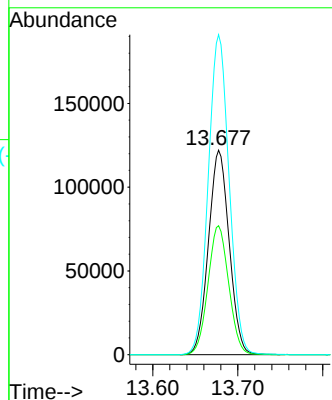
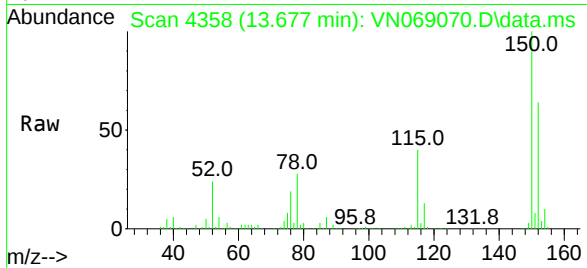




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.677 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN069070.D
 Acq: 20 Oct 2021 18:42

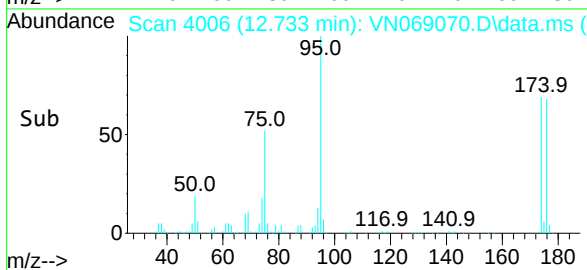
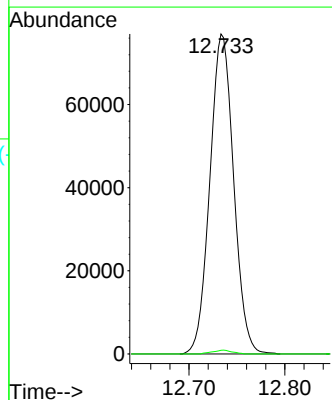
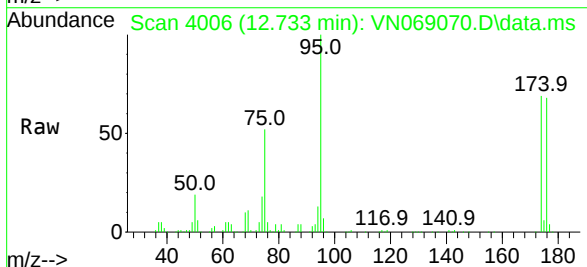
Instrument :
 MSVOA_N
 ClientSampled :

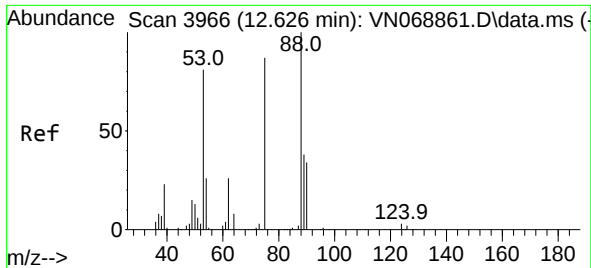
Tgt Ion:152 Resp: 206771
 Ion Ratio Lower Upper
 152 100
 115 63.1 31.4 94.3
 150 157.5 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 30.098 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. -0.148 min
 Lab File: VN069070.D
 Acq: 20 Oct 2021 18:42

Tgt Ion: 75 Resp: 132415
 Ion Ratio Lower Upper
 75 100
 77 1.0 96.2 288.4#

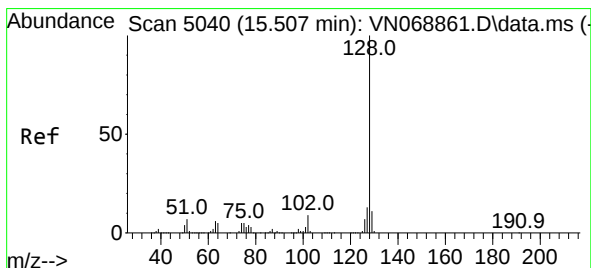
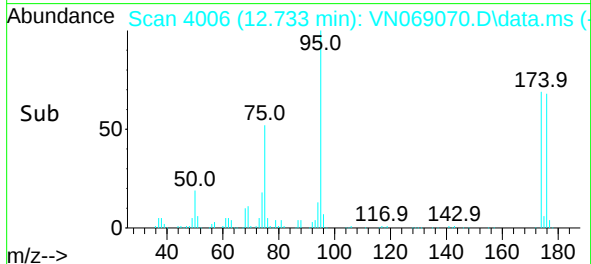
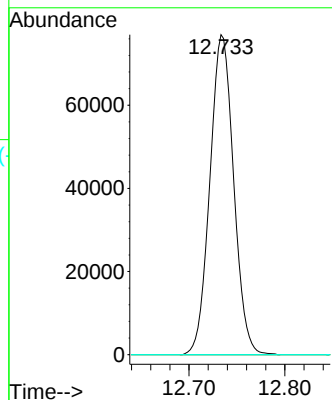
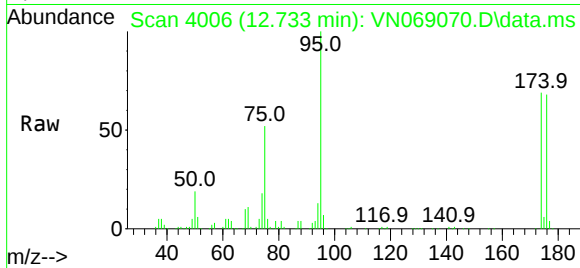




#81
trans-1,4-Dichloro-2-butene
Concen: 72.007 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069070.D
Acq: 20 Oct 2021 18:42

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 132415
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 3.830 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069070.D
Acq: 20 Oct 2021 18:42

Tgt Ion:128 Resp: 190
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

