

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101821\
 Data File : VN068969.D
 Acq On : 18 Oct 2021 10:56
 Operator : JC/MD
 Sample : VN1018WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 19 06:32:45 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)

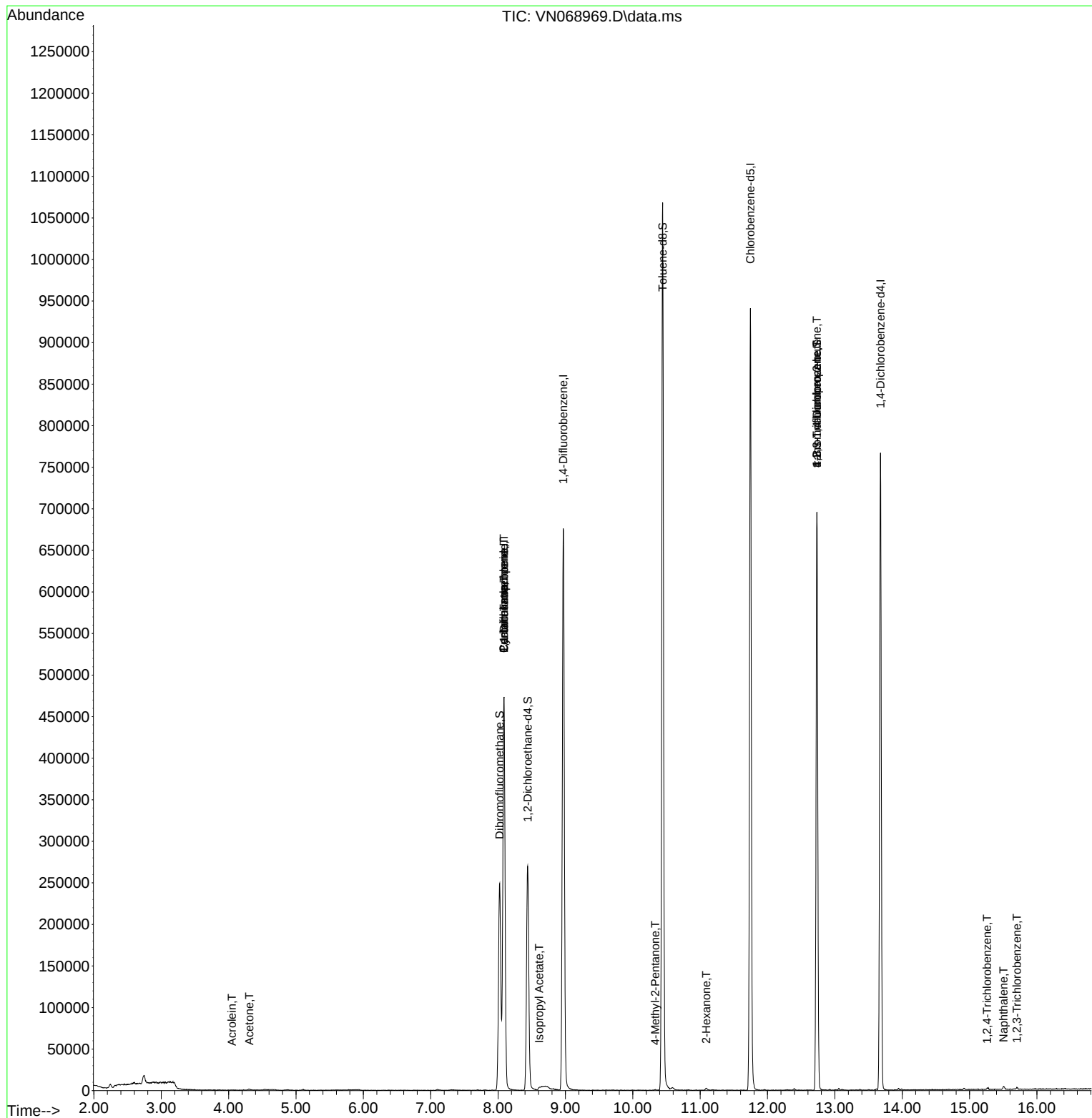
Internal Standards						
1) Pentafluorobenzene	8.088	168	357034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	618180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	554524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	204441	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	233323	49.565	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.140%		
35) Dibromofluoromethane	8.024	113	185617	51.609	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.220%		
50) Toluene-d8	10.443	98	763654	53.066	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.140%		
62) 4-Bromofluorobenzene	12.733	95	258403	47.593	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.180%		
Target Compounds						
					Qvalue	
13) Acrolein	4.047	56	172	0.452	ug/l #	1
16) Acetone	4.309	43	789	0.449	ug/l #	84
31) Cyclohexane	8.088	56	8238	1.126	ug/l #	3
36) 1,1-Dichloropropene	8.088	75	30014	5.684	ug/l #	50
38) Carbon Tetrachloride	8.088	117	38655	6.666	ug/l #	15
43) Isopropyl Acetate	8.611	43	2181	0.227	ug/l #	55
51) 4-Methyl-2-Pentanone	10.333	43	1223	0.219	ug/l #	36
59) 2-Hexanone	11.089	43	2389	0.597	ug/l	93
76) 1,2,3-Trichloropropane	12.733	75	133842	30.769	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	133842	73.613	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.260	180	862	2.839	ug/l	98
95) Naphthalene	15.504	128	2262	4.032	ug/l	97
96) 1,2,3-Trichlorobenzene	15.702	180	1000	2.804	ug/l #	50

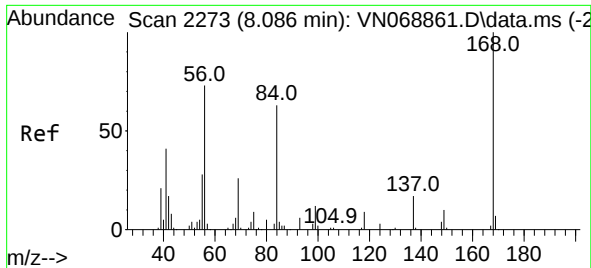
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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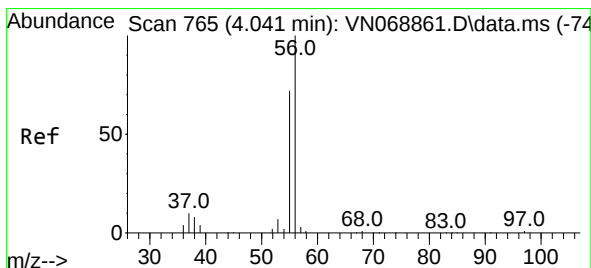
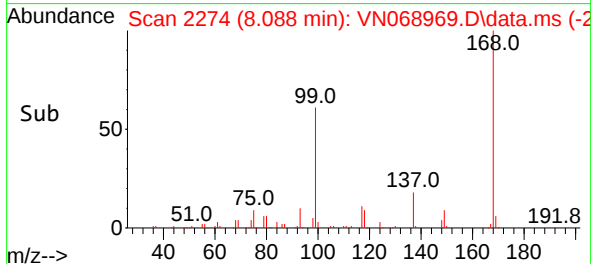
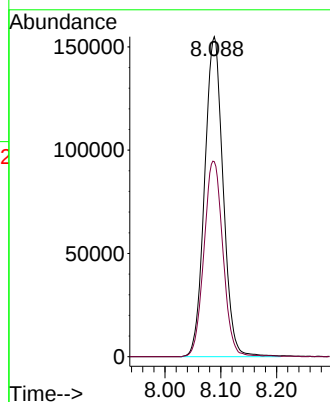
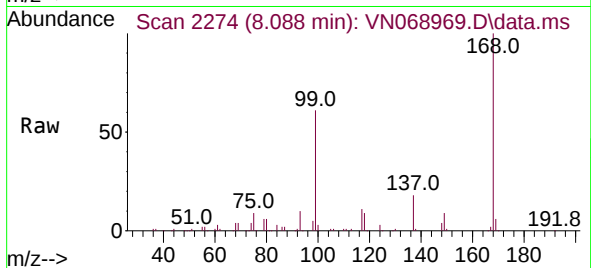




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068969.D
Acq: 18 Oct 2021 10:56

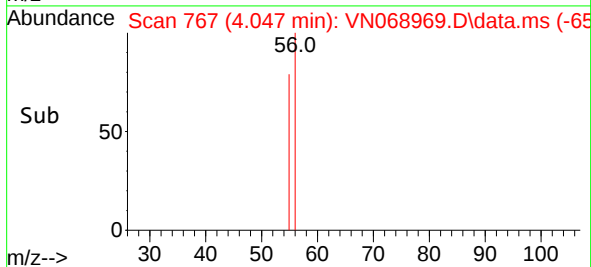
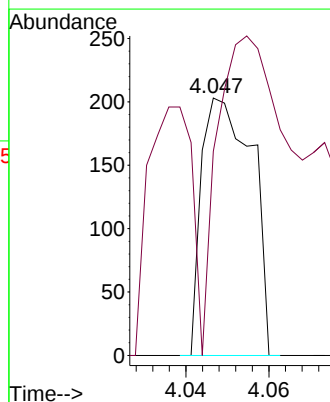
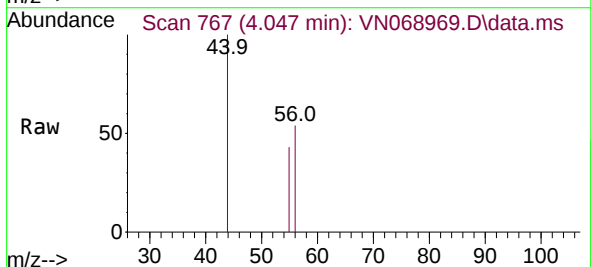
Instrument :
MSVOA_N
ClientSampled :

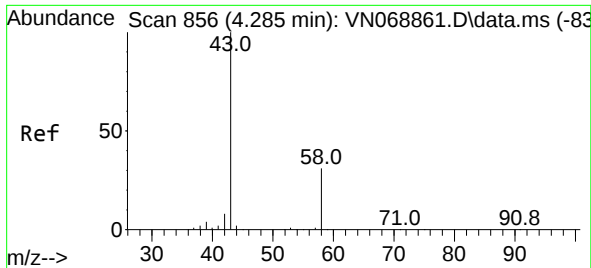
Tgt Ion:168 Resp: 357034
Ion Ratio Lower Upper
168 100
99 60.9 48.9 73.3



#13
Acrolein
Concen: 0.452 ug/l
RT: 4.047 min Scan# 767
Delta R.T. 0.005 min
Lab File: VN068969.D
Acq: 18 Oct 2021 10:56

Tgt Ion: 56 Resp: 172
Ion Ratio Lower Upper
56 100
55 169.8 58.1 87.1#

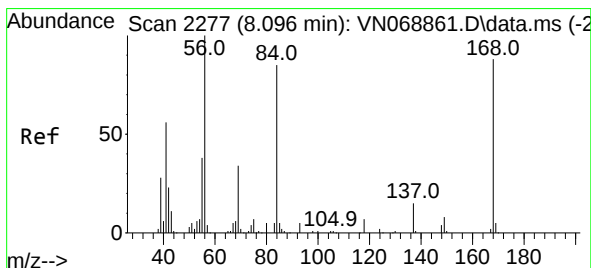
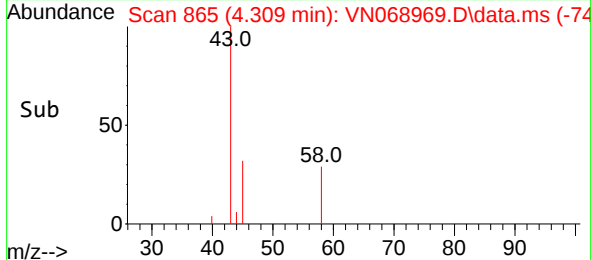
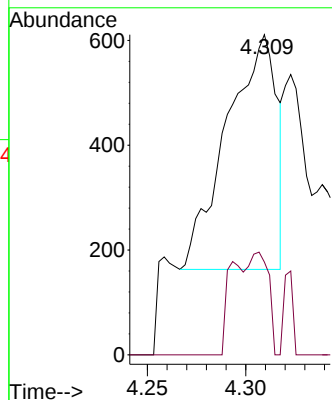
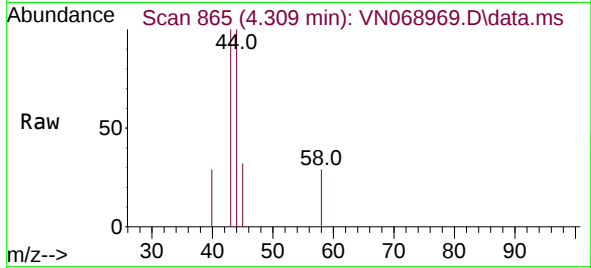




#16
Acetone
Concen: 0.449 ug/l
RT: 4.309 min Scan# 865
Delta R.T. 0.024 min
Lab File: VN068969.D
Acq: 18 Oct 2021 10:56

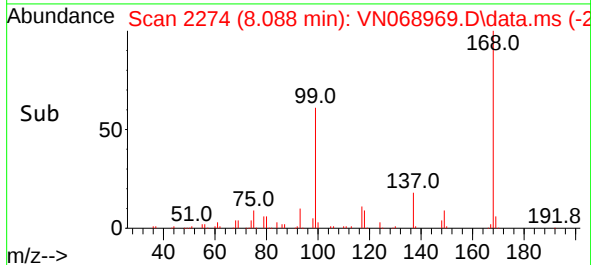
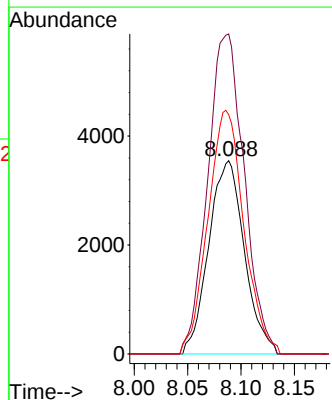
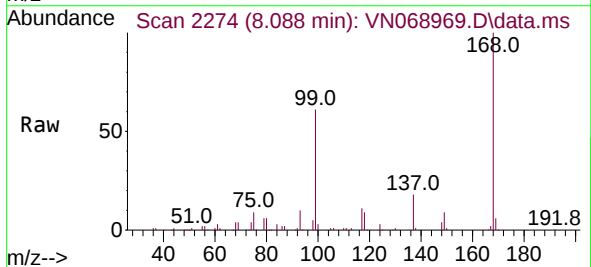
Instrument :
MSVOA_N
ClientSampled :

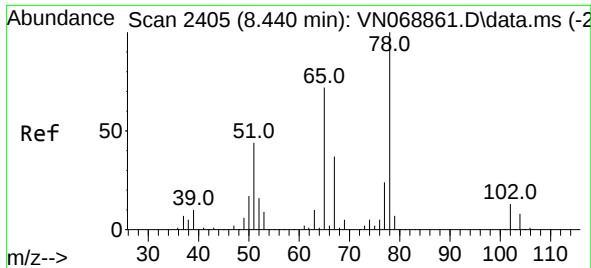
Tgt Ion: 43 Resp: 789
Ion Ratio Lower Upper
43 100
58 39.5 24.5 36.7#



#31
Cyclohexane
Concen: 1.126 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN068969.D
Acq: 18 Oct 2021 10:56

Tgt Ion: 56 Resp: 8238
Ion Ratio Lower Upper
56 100
69 165.6 26.9 40.3#
84 123.9 67.6 101.4#

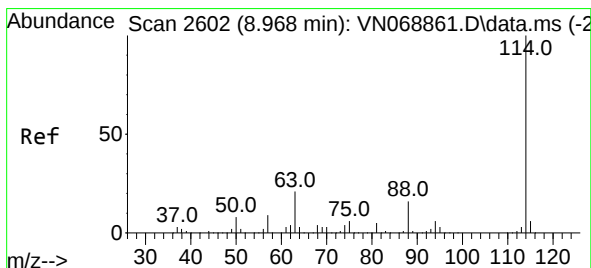
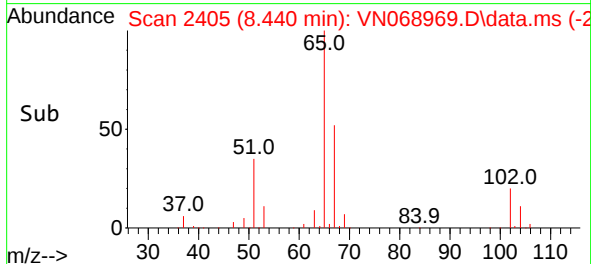
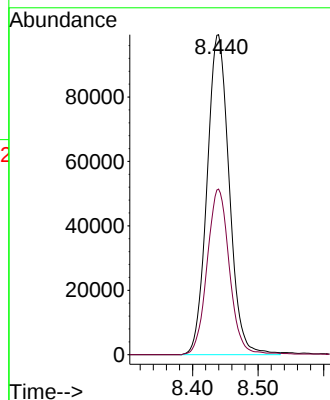
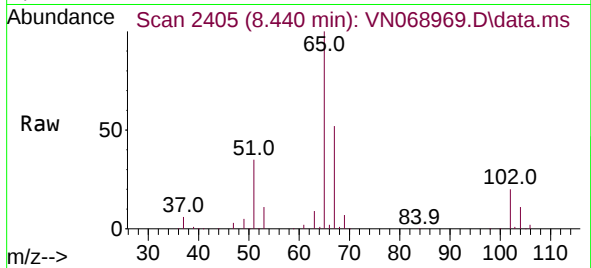




#33
 1,2-Dichloroethane-d4
 Concen: 49.565 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. 0.000 min
 Lab File: VN068969.D
 Acq: 18 Oct 2021 10:56

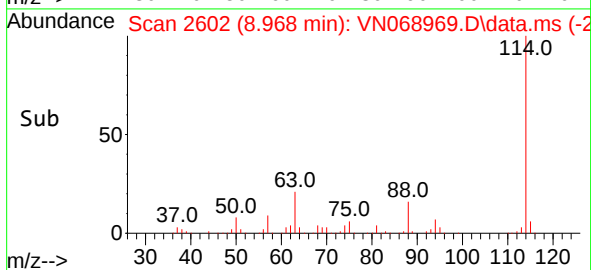
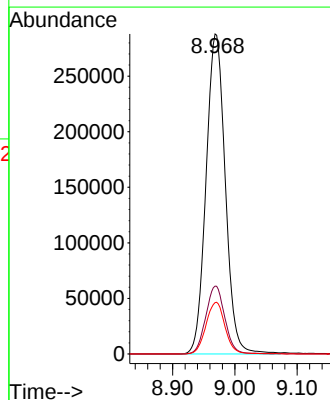
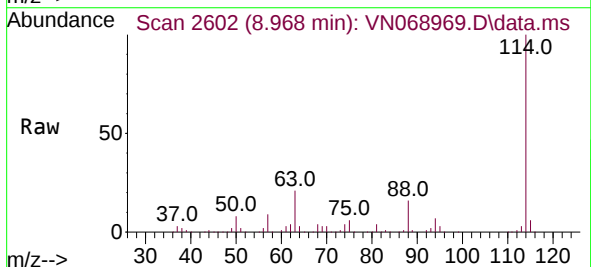
Instrument :
 MSVOA_N
 ClientSampled :

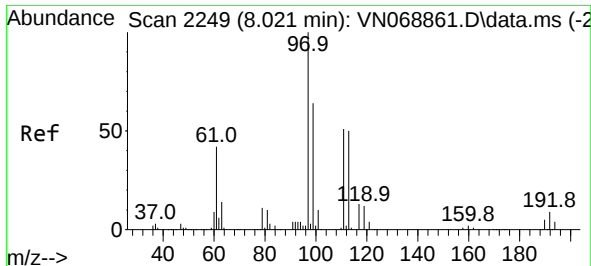
Tgt Ion: 65 Resp: 233323
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. 0.000 min
 Lab File: VN068969.D
 Acq: 18 Oct 2021 10:56

Tgt Ion: 114 Resp: 618180
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.6
 88 16.0 0.0 32.0

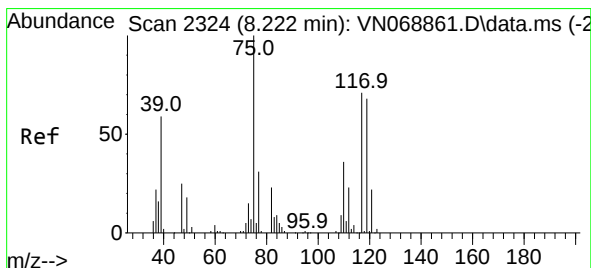
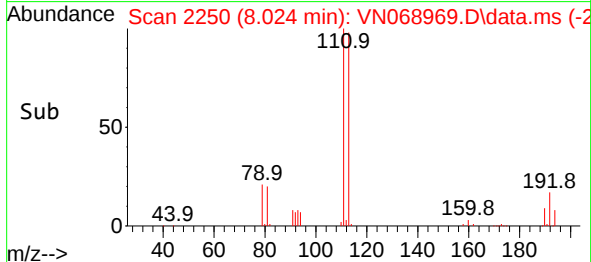
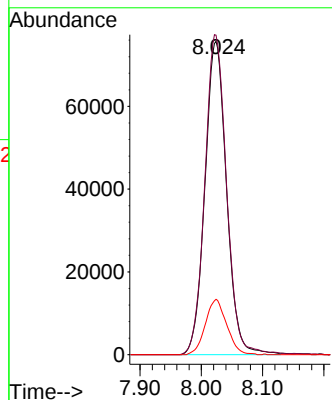
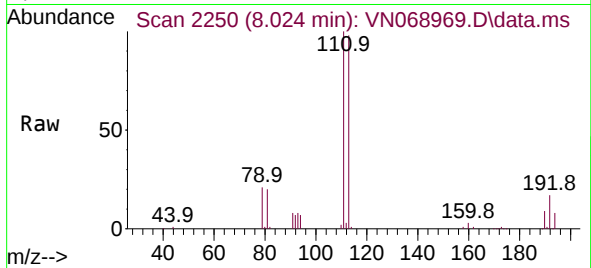




#35
Dibromofluoromethane
Concen: 51.609 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068969.D
Acq: 18 Oct 2021 10:56

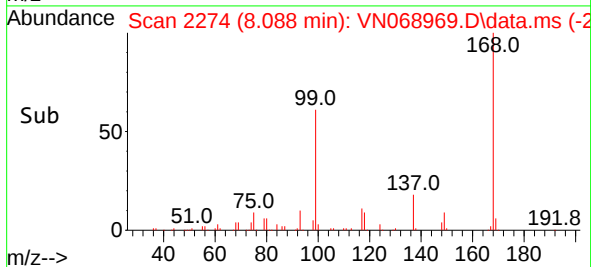
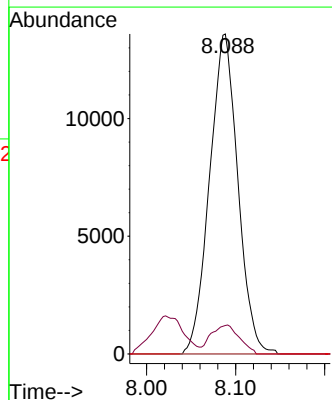
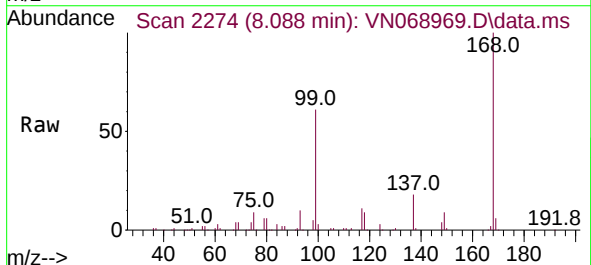
Instrument :
MSVOA_N
ClientSampled :

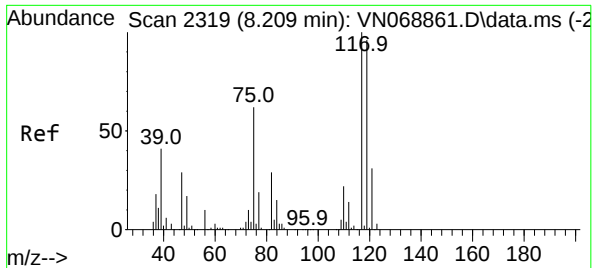
Tgt Ion:113 Resp: 185617
Ion Ratio Lower Upper
113 100
111 102.5 83.2 124.8
192 17.5 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.684 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN068969.D
Acq: 18 Oct 2021 10:56

Tgt Ion: 75 Resp: 30014
Ion Ratio Lower Upper
75 100
110 9.2 17.9 53.8#
77 0.0 24.7 37.1#

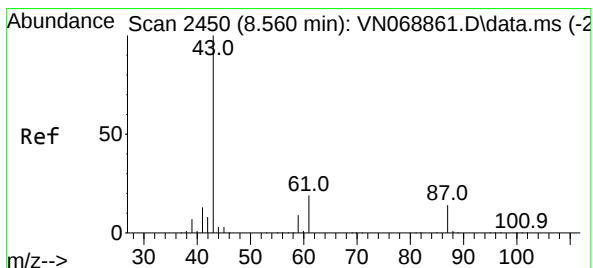
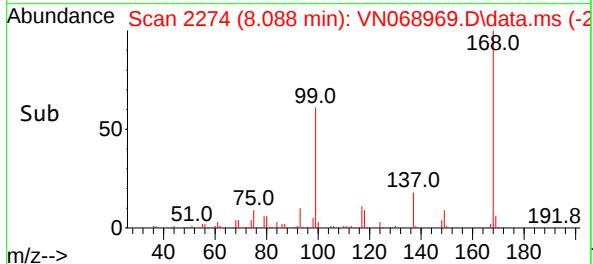
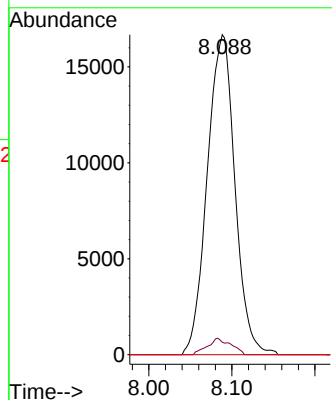
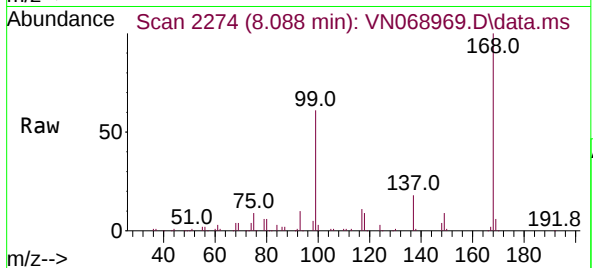




#38
Carbon Tetrachloride
Concen: 6.666 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN068969.D
Acq: 18 Oct 2021 10:56

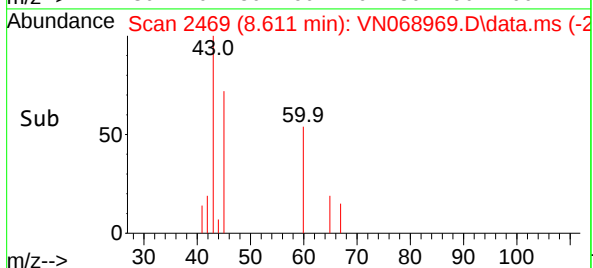
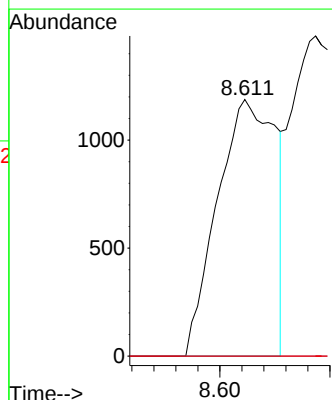
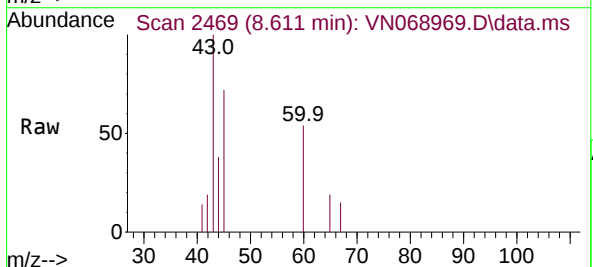
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MSVOA_N
ClientSampleId :

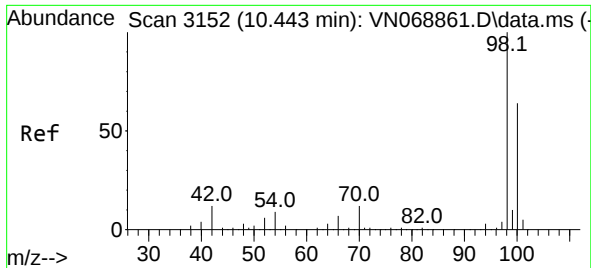
Tgt Ion:117 Resp: 38655
Ion Ratio Lower Upper
117 100
119 3.9 76.9 115.3#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.227 ug/l
RT: 8.611 min Scan# 2469
Delta R.T. 0.051 min
Lab File: VN068969.D
Acq: 18 Oct 2021 10:56

Tgt Ion: 43 Resp: 2181
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#

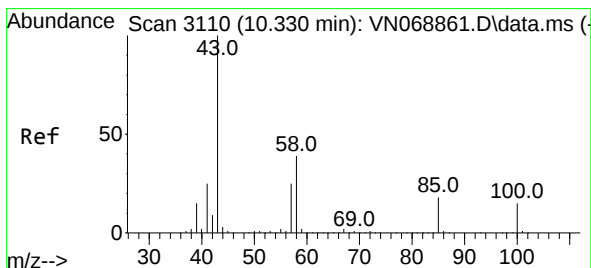
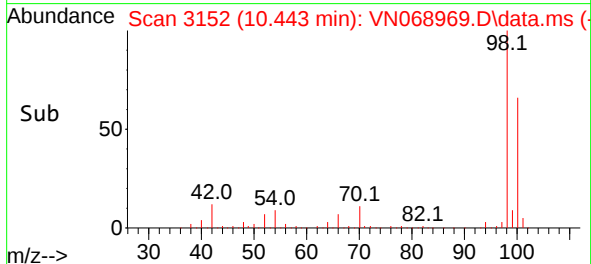
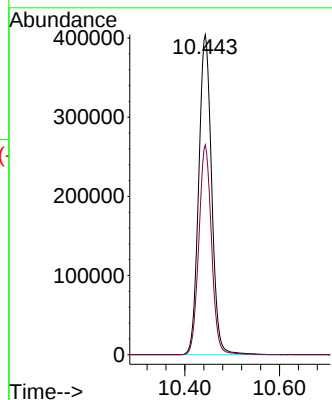
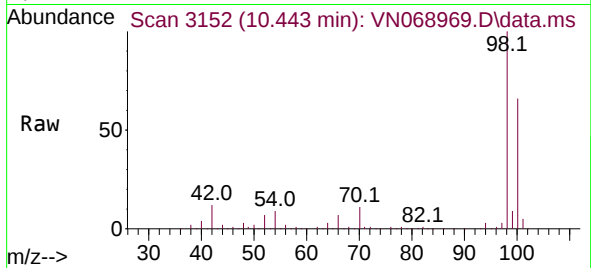




#50
Toluene-d8
Concen: 53.066 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068969.D
Acq: 18 Oct 2021 10:56

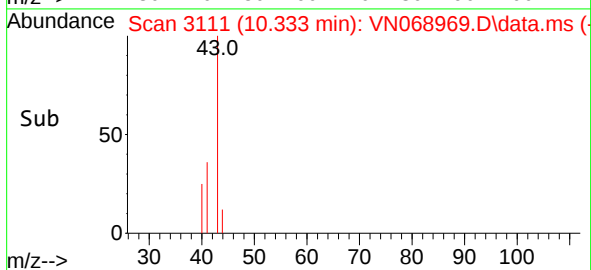
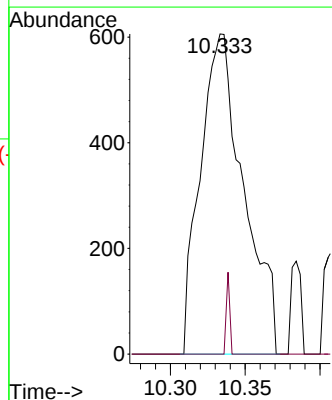
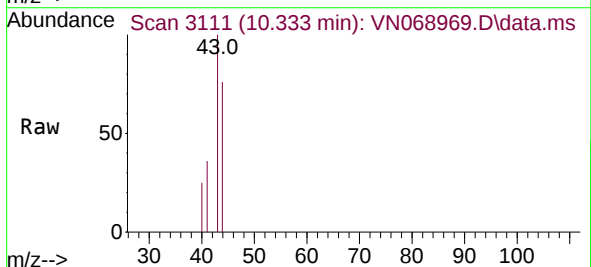
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MSVOA_N
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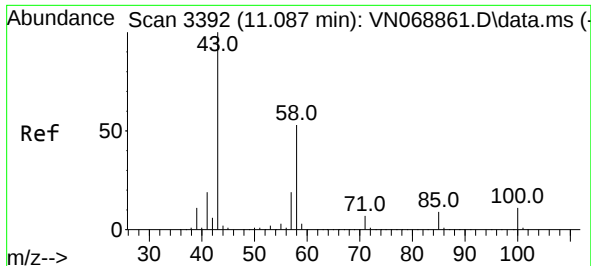
Tgt Ion: 98 Resp: 763654
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.219 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN068969.D
Acq: 18 Oct 2021 10:56

Tgt Ion: 43 Resp: 1223
Ion Ratio Lower Upper
43 100
58 0.0 31.0 46.4#

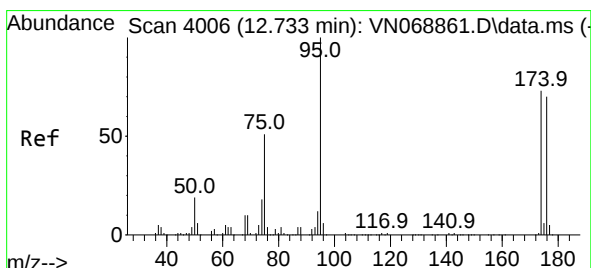
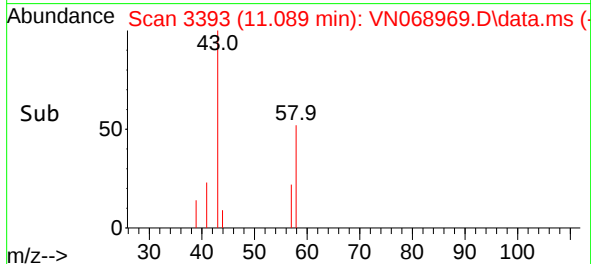
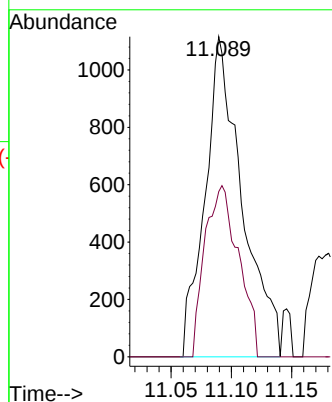
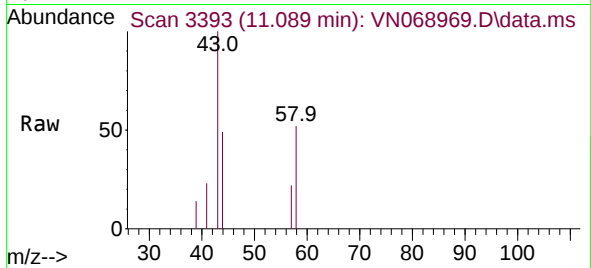




#59
2-Hexanone
Concen: 0.597 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.003 min
Lab File: VN068969.D
Acq: 18 Oct 2021 10:56

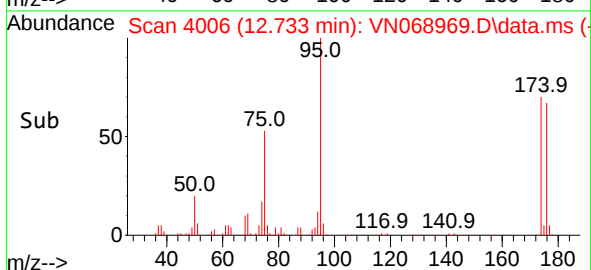
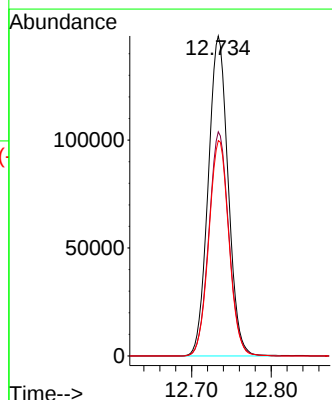
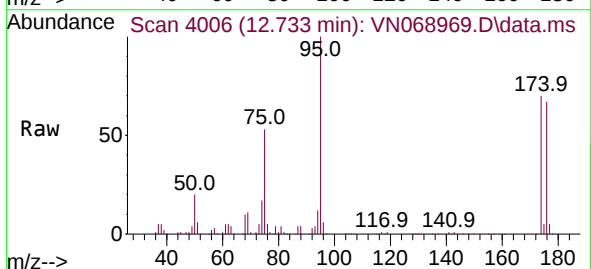
Instrument :
MSVOA_N
ClientSampled :

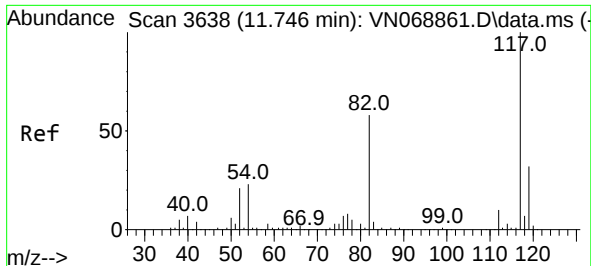
Tgt Ion: 43 Resp: 2389
Ion Ratio Lower Upper
43 100
58 48.6 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 47.593 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068969.D
Acq: 18 Oct 2021 10:56

Tgt Ion: 95 Resp: 258403
Ion Ratio Lower Upper
95 100
174 70.3 0.0 144.8
176 67.9 0.0 140.0

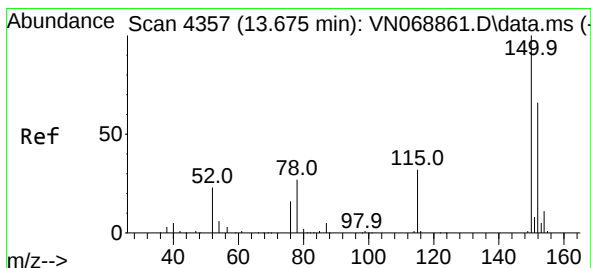
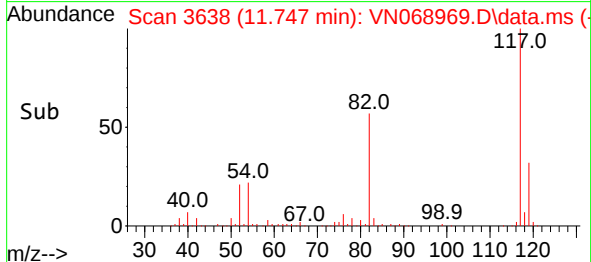
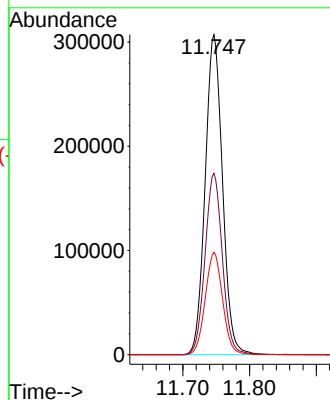
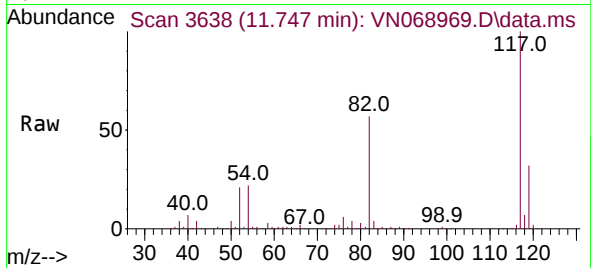




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068969.D
Acq: 18 Oct 2021 10:56

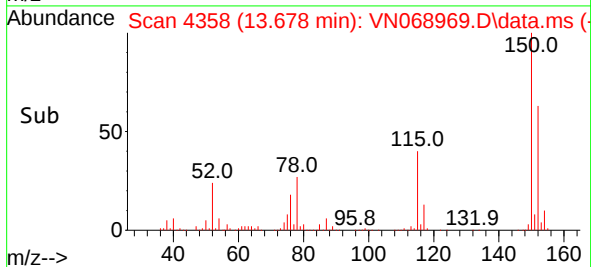
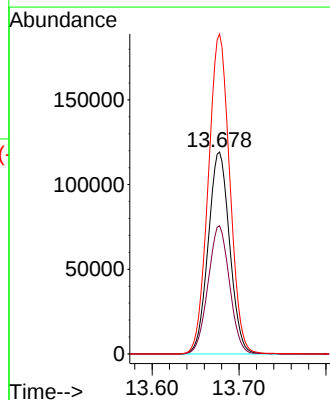
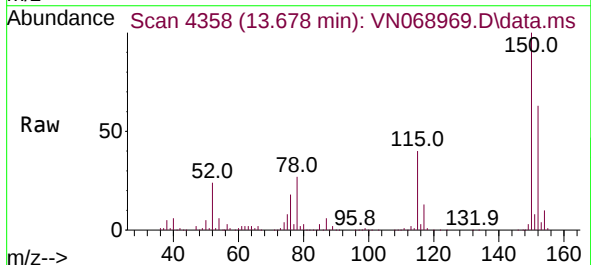
Instrument :
MSVOA_N
ClientSampled :

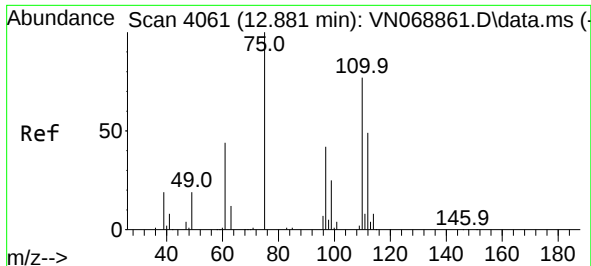
Tgt Ion:117 Resp: 554524
Ion Ratio Lower Upper
117 100
82 56.7 46.4 69.6
119 32.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068969.D
Acq: 18 Oct 2021 10:56

Tgt Ion:152 Resp: 204441
Ion Ratio Lower Upper
152 100
115 63.6 31.4 94.3
150 158.5 0.0 351.0

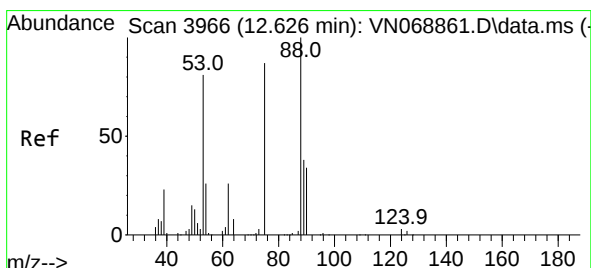
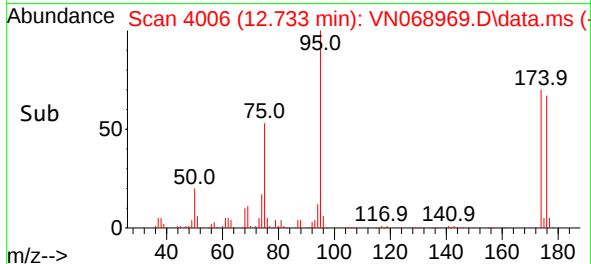
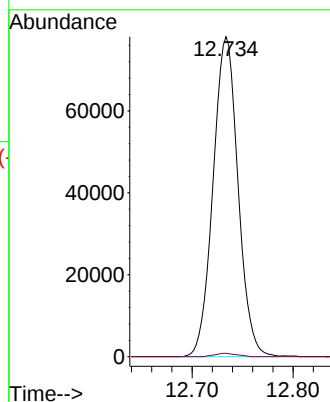
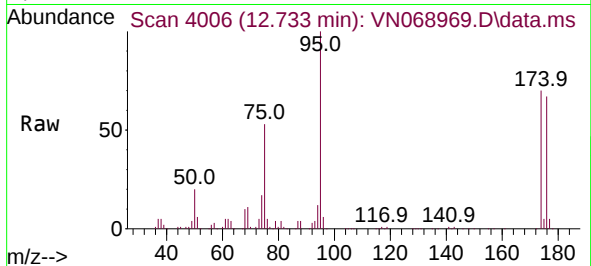




#76
1,2,3-Trichloropropane
Concen: 30.769 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN068969.D
Acq: 18 Oct 2021 10:56

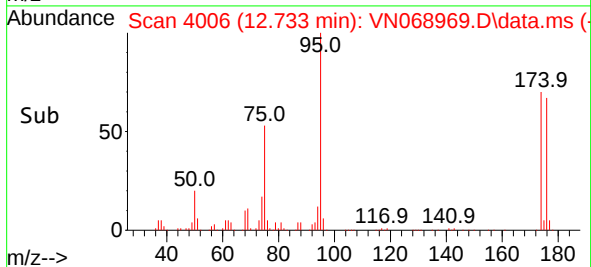
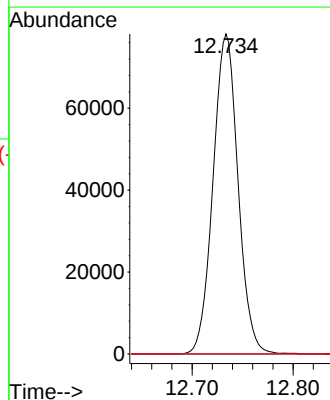
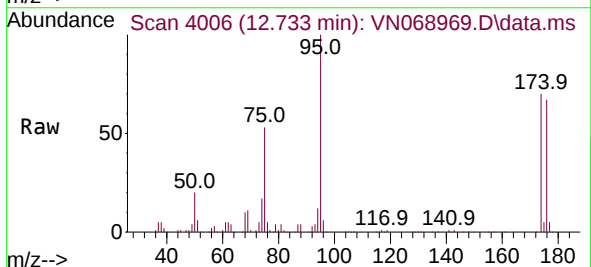
Instrument :
MSVOA_N
ClientSampled :

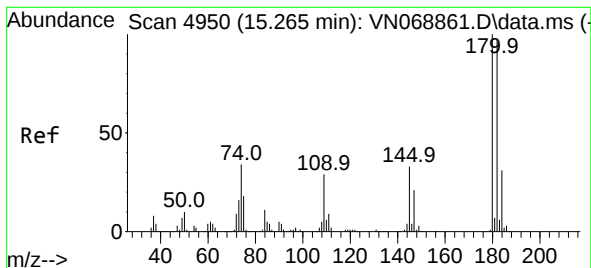
Tgt Ion: 75 Resp: 133842
Ion Ratio Lower Upper
75 100
77 0.9 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.613 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068969.D
Acq: 18 Oct 2021 10:56

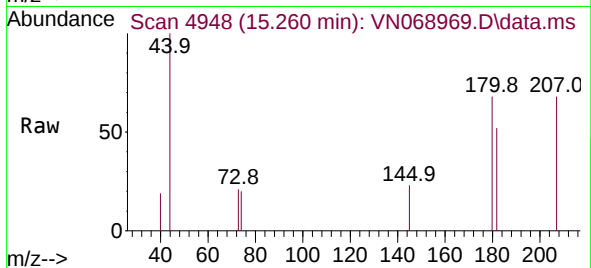
Tgt Ion: 75 Resp: 133842
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



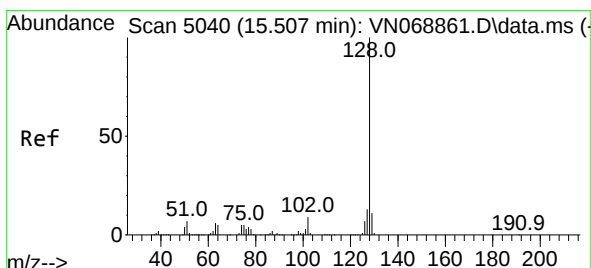
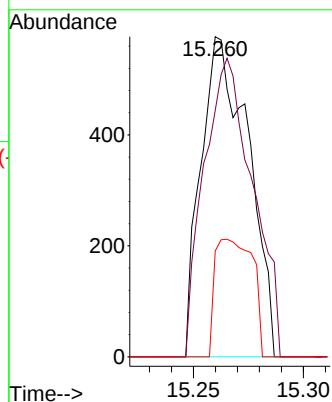
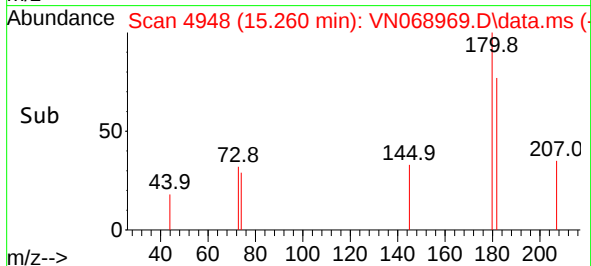


#93
1,2,4-Trichlorobenzene
Concen: 2.839 ug/l
RT: 15.260 min Scan# 4948
Delta R.T. -0.005 min
Lab File: VN068969.D
Acq: 18 Oct 2021 10:56

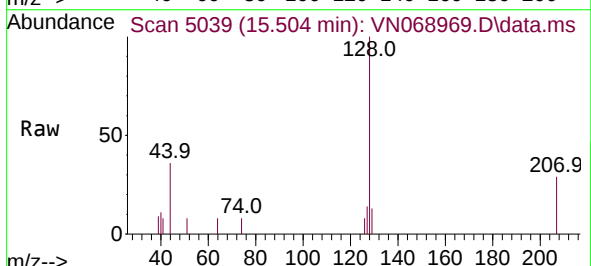
Instrument :
MSVOA_N
ClientSampled :



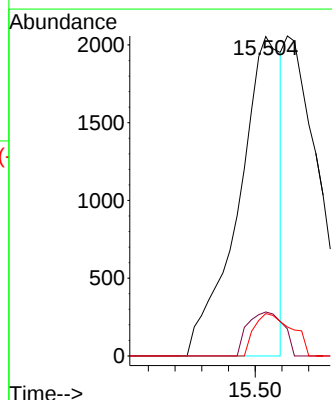
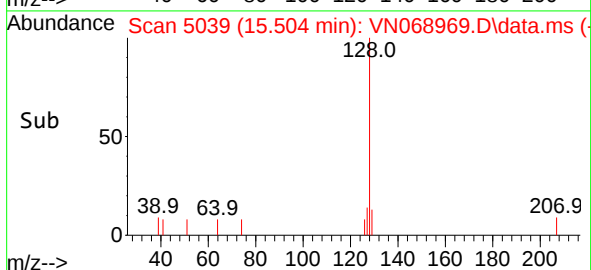
Tgt Ion:180 Resp: 862
Ion Ratio Lower Upper
180 100
182 95.8 47.9 143.7
145 29.2 16.4 49.2

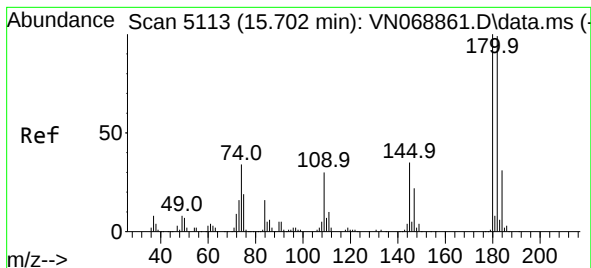


#95
Naphthalene
Concen: 4.032 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN068969.D
Acq: 18 Oct 2021 10:56



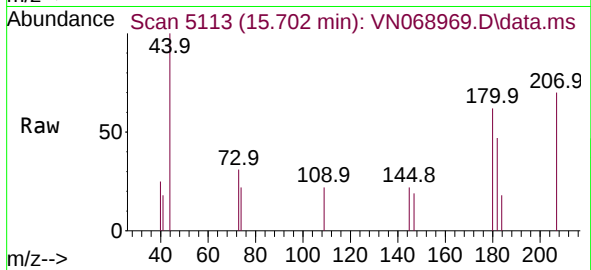
Tgt Ion:128 Resp: 2262
Ion Ratio Lower Upper
128 100
127 11.6 10.5 15.7
129 11.8 8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 2.804 ug/l
 RT: 15.702 min Scan# 5113
 Delta R.T. 0.000 min
 Lab File: VN068969.D
 Acq: 18 Oct 2021 10:56

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 1000
 Ion Ratio Lower Upper
 180 100
 182 38.7 48.1 144.3#
 145 20.7 17.4 52.2

