

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101821\
 Data File : VN069002.D
 Acq On : 19 Oct 2021 1:38
 Operator : JC/MD
 Sample : M4268-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 19 09:59:06 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)

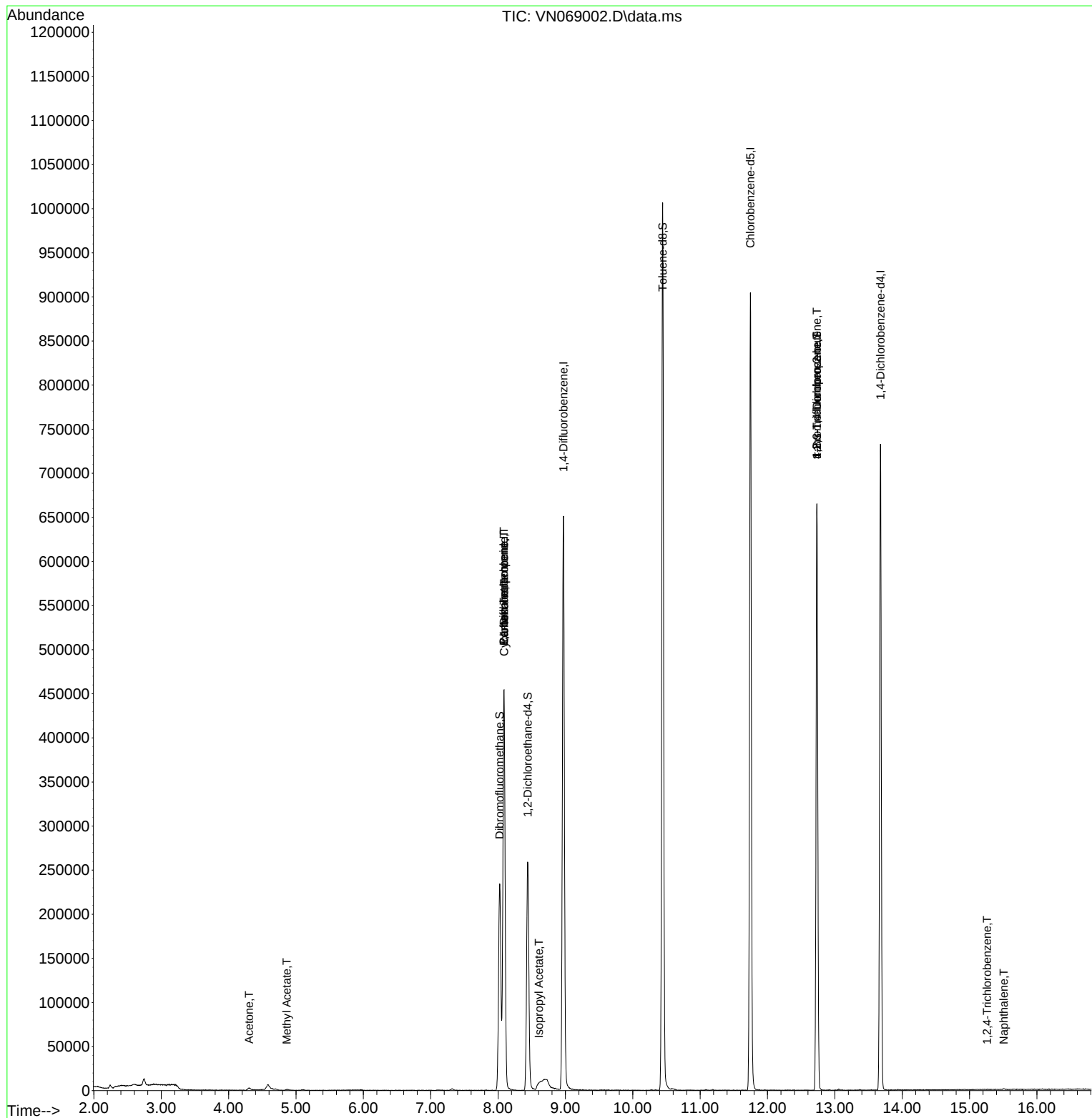
Internal Standards						
1) Pentafluorobenzene	8.088	168	344569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	591475	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	542770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	197126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	220441	48.523	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.040%		
35) Dibromofluoromethane	8.024	113	175241	50.924	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.840%		
50) Toluene-d8	10.443	98	729140	52.955	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.920%		
62) 4-Bromofluorobenzene	12.733	95	248568	47.849	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.700%		
Target Compounds						
					Qvalue	
16) Acetone	4.301	43	4192	2.473	ug/l	94
18) Methyl Acetate	4.865	43	2763	0.430	ug/l #	56
31) Cyclohexane	8.091	56	7659	1.084	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	27940	5.530	ug/l #	50
38) Carbon Tetrachloride	8.086	117	35118	6.329	ug/l #	16
43) Isopropyl Acetate	8.609	43	6539	0.710	ug/l #	55
76) 1,2,3-Trichloropropane	12.733	75	127817	30.474	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	127817	72.908	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.260	180	163	2.648	ug/l #	23
95) Naphthalene	15.507	128	1568	3.970	ug/l #	69

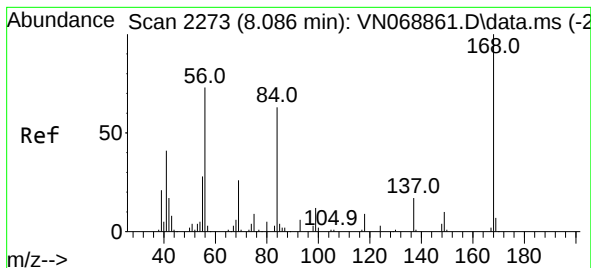
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
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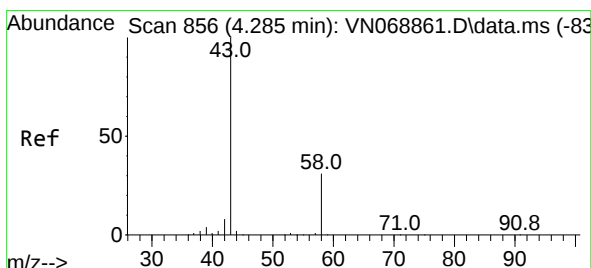
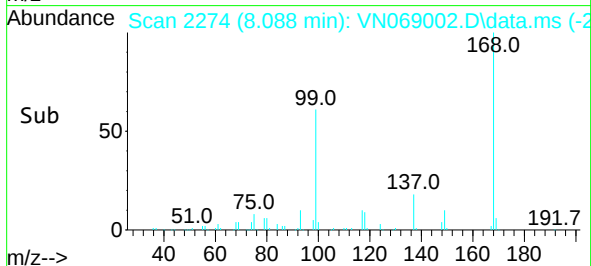
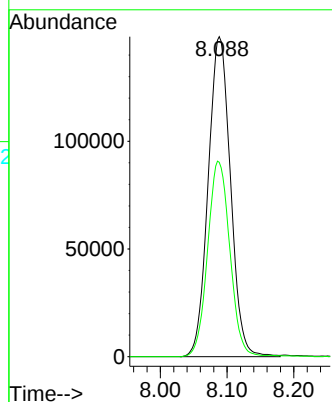
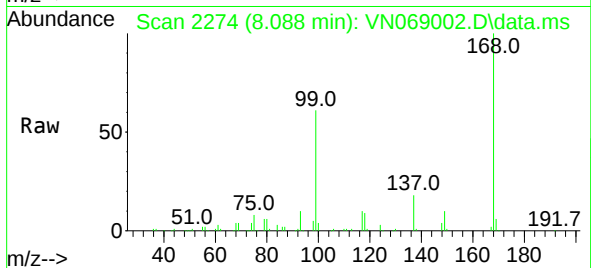




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069002.D
Acq: 19 Oct 2021 1:38

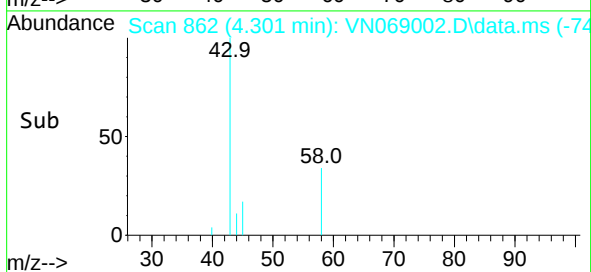
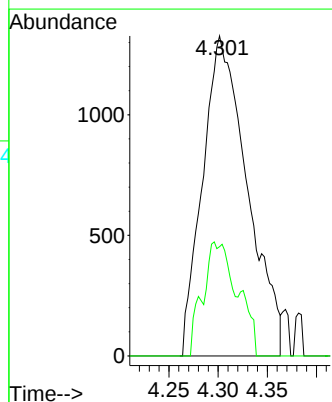
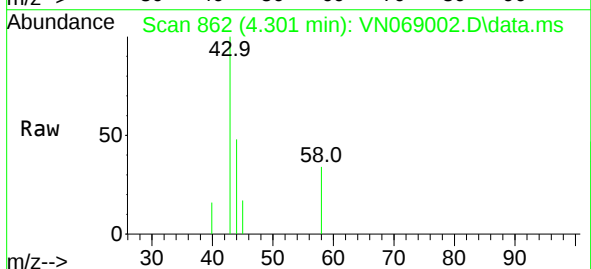
Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:168 Resp: 344569
Ion Ratio Lower Upper
168 100
99 60.8 48.9 73.3



#16
Acetone
Concen: 2.473 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.016 min
Lab File: VN069002.D
Acq: 19 Oct 2021 1:38

Tgt Ion: 43 Resp: 4192
Ion Ratio Lower Upper
43 100
58 34.1 24.5 36.7

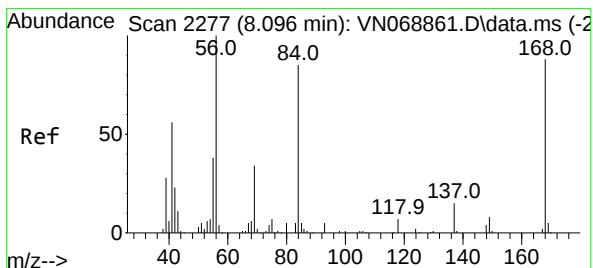
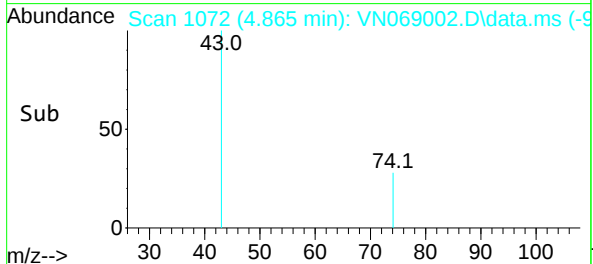
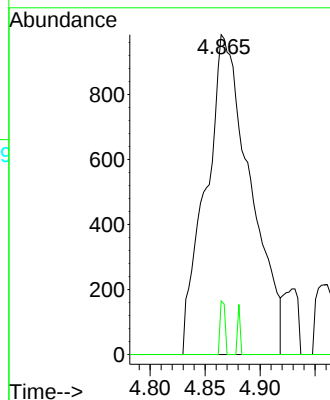
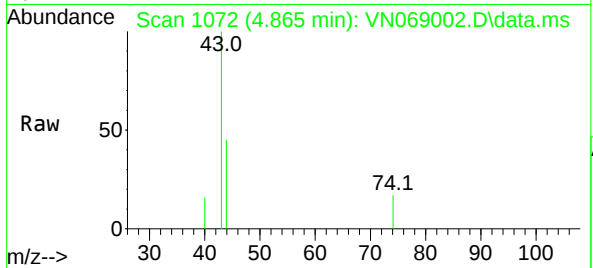




#18
Methyl Acetate
Concen: 0.430 ug/l
RT: 4.865 min Scan# 1072
Delta R.T. 0.011 min
Lab File: VN069002.D
Acq: 19 Oct 2021 1:38

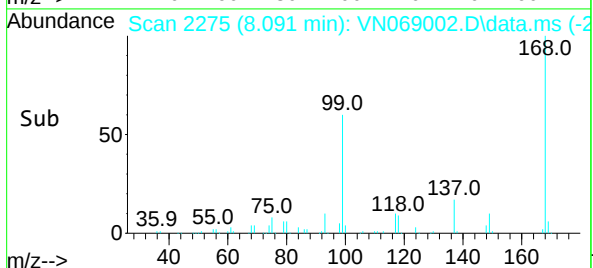
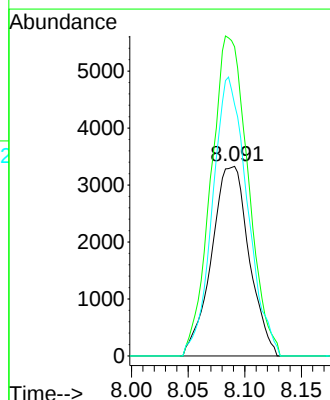
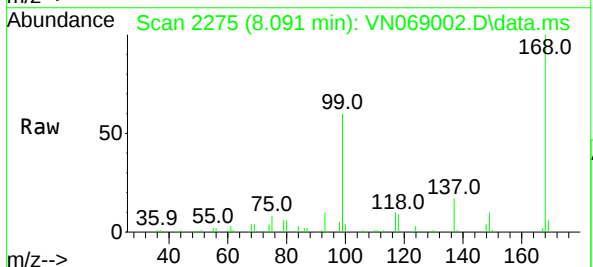
Instrument :
MSVOA_N
ClientSampled :

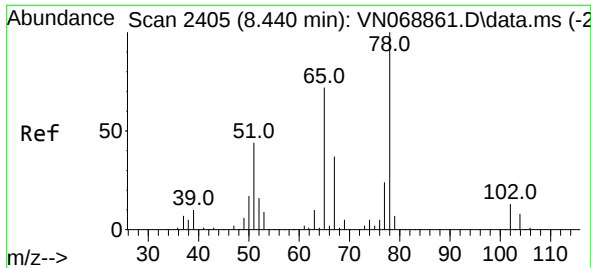
Tgt Ion: 43 Resp: 2763
Ion Ratio Lower Upper
43 100
74 1.8 18.9 28.3#



#31
Cyclohexane
Concen: 1.084 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.005 min
Lab File: VN069002.D
Acq: 19 Oct 2021 1:38

Tgt Ion: 56 Resp: 7659
Ion Ratio Lower Upper
56 100
69 163.1 26.9 40.3#
84 132.7 67.6 101.4#

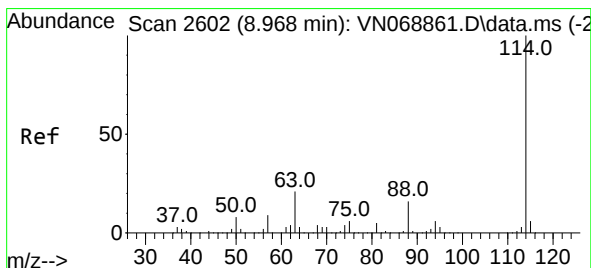
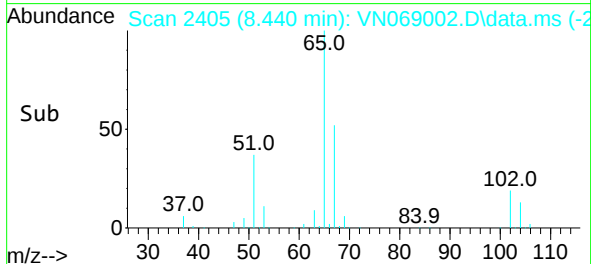
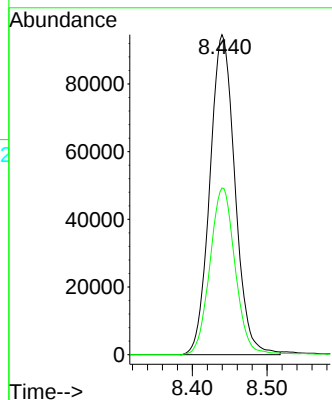
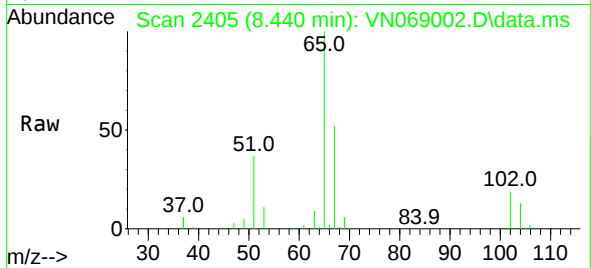




#33
 1,2-Dichloroethane-d4
 Concen: 48.523 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. 0.000 min
 Lab File: VN069002.D
 Acq: 19 Oct 2021 1:38

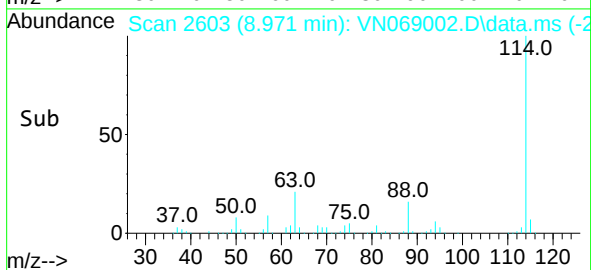
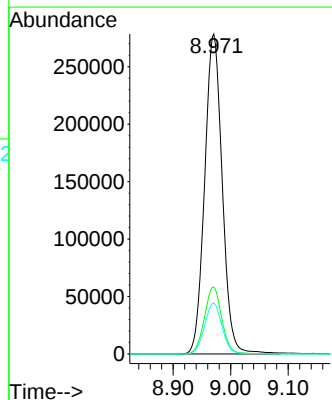
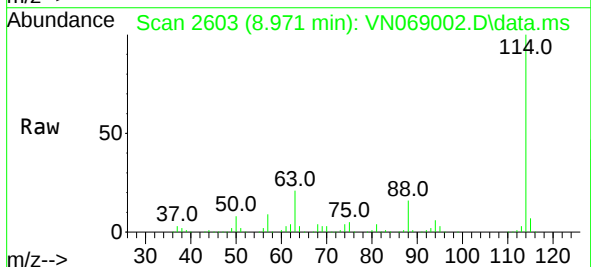
Instrument :
 MSVOA_N
 ClientSampled :

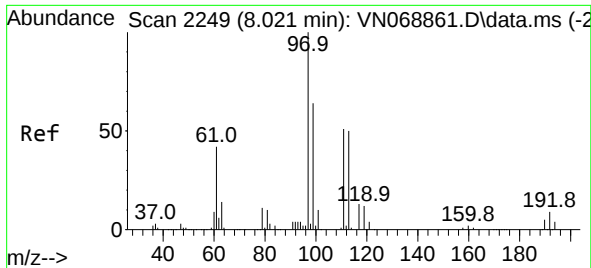
Tgt Ion: 65 Resp: 220441
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN069002.D
 Acq: 19 Oct 2021 1:38

Tgt Ion: 114 Resp: 591475
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.6
 88 15.9 0.0 32.0

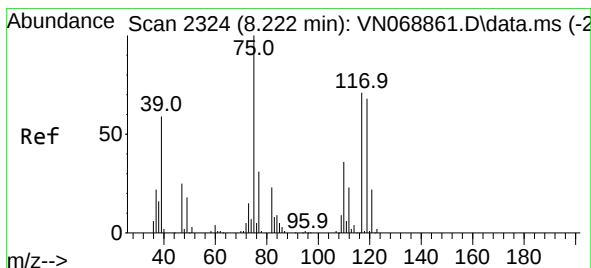
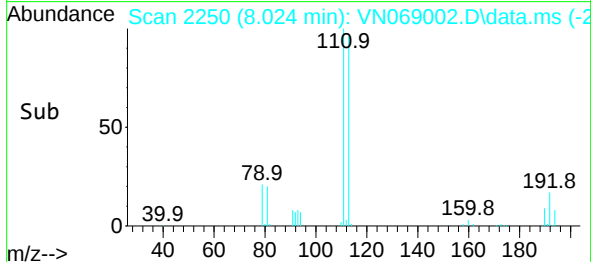
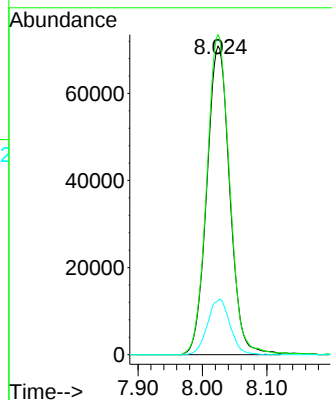
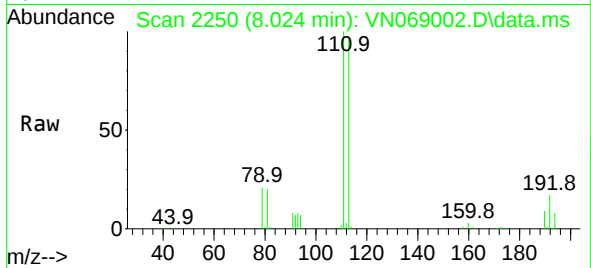




#35
Dibromofluoromethane
Concen: 50.924 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069002.D
Acq: 19 Oct 2021 1:38

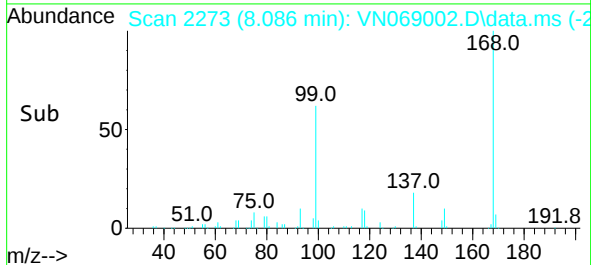
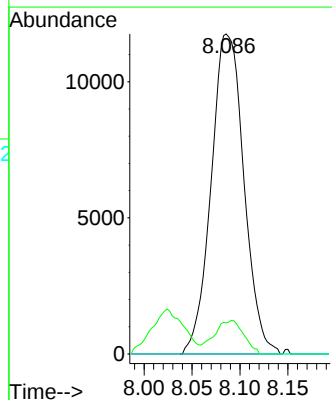
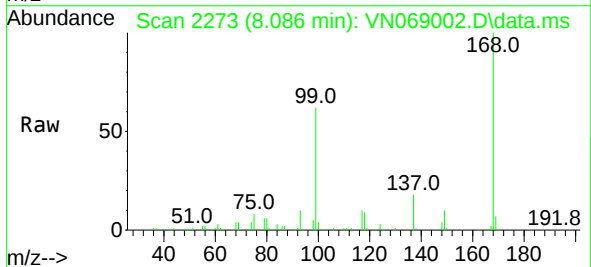
Instrument :
MSVOA_N
ClientSampled :

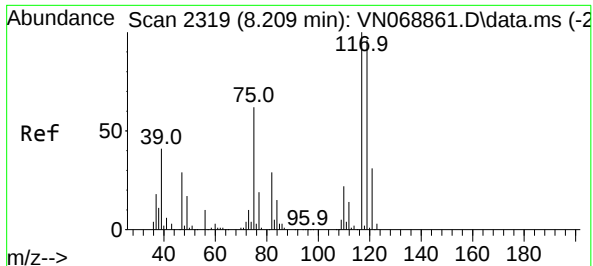
Tgt Ion:113 Resp: 175241
Ion Ratio Lower Upper
113 100
111 103.5 83.2 124.8
192 17.6 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.530 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN069002.D
Acq: 19 Oct 2021 1:38

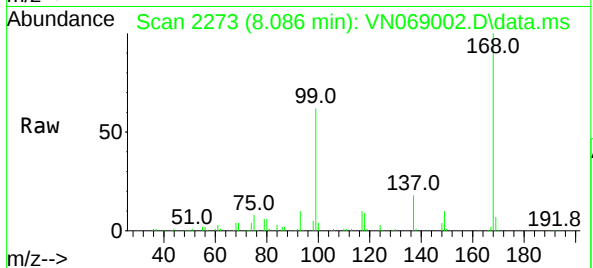
Tgt Ion: 75 Resp: 27940
Ion Ratio Lower Upper
75 100
110 9.5 17.9 53.8#
77 0.0 24.7 37.1#



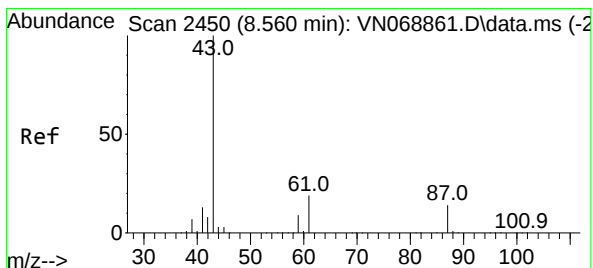
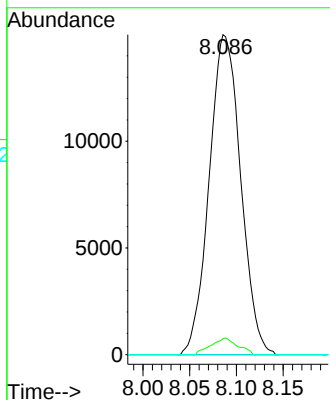
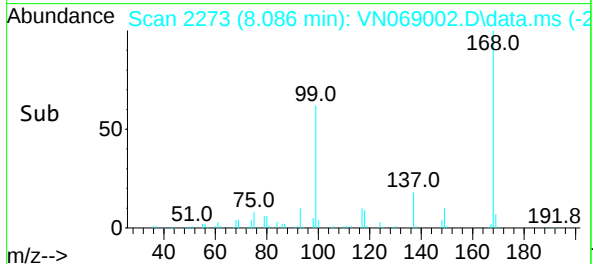


#38
Carbon Tetrachloride
Concen: 6.329 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.123 min
Lab File: VN069002.D
Acq: 19 Oct 2021 1:38

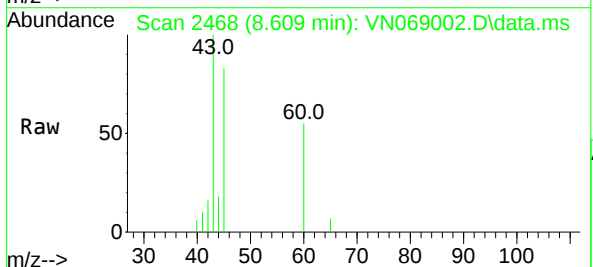
Instrument :
MSVOA_N
ClientSampled :



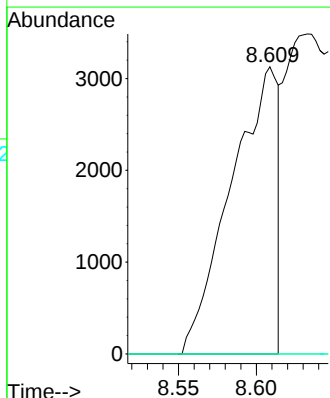
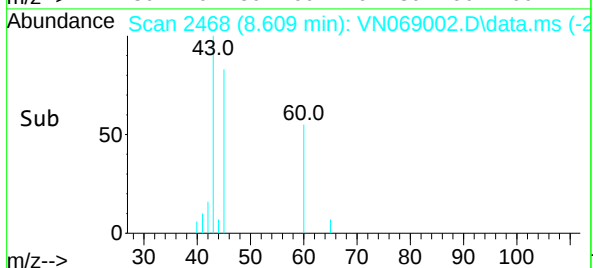
Tgt Ion:117 Resp: 35118
Ion Ratio Lower Upper
117 100
119 5.0 76.9 115.3#
121 0.0 24.6 37.0#

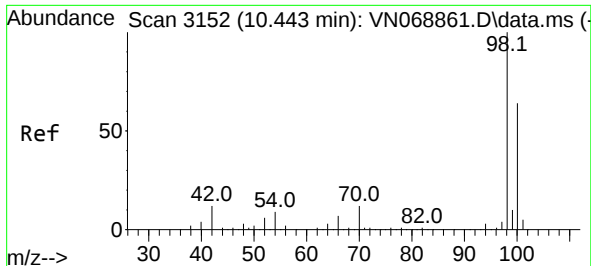


#43
Isopropyl Acetate
Concen: 0.710 ug/l
RT: 8.609 min Scan# 2468
Delta R.T. 0.048 min
Lab File: VN069002.D
Acq: 19 Oct 2021 1:38



Tgt Ion: 43 Resp: 6539
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#

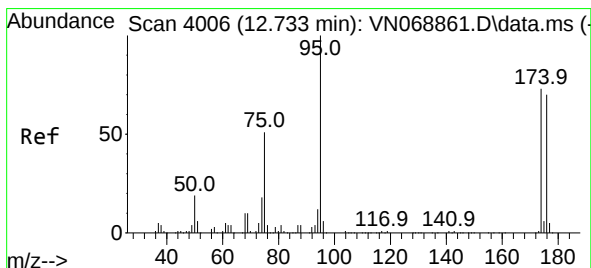
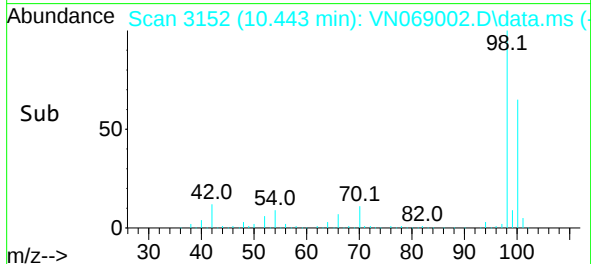
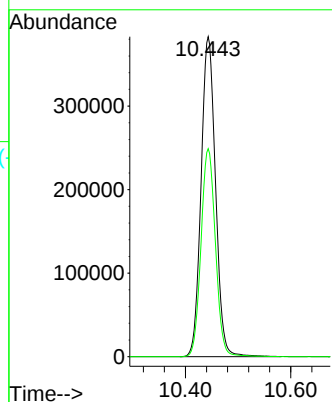
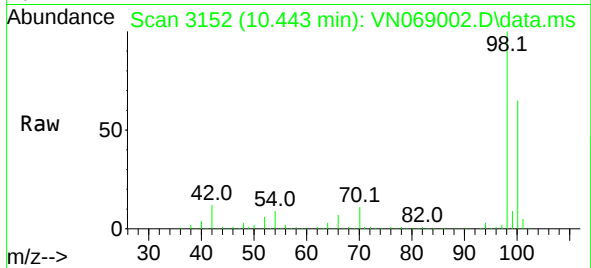




#50
Toluene-d8
Concen: 52.955 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069002.D
Acq: 19 Oct 2021 1:38

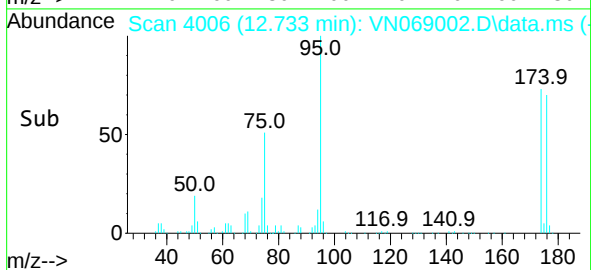
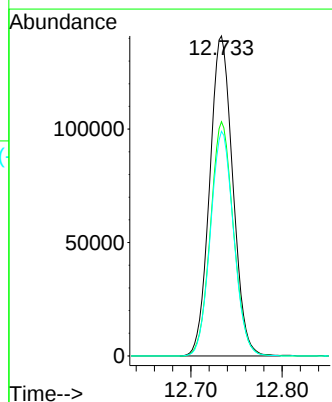
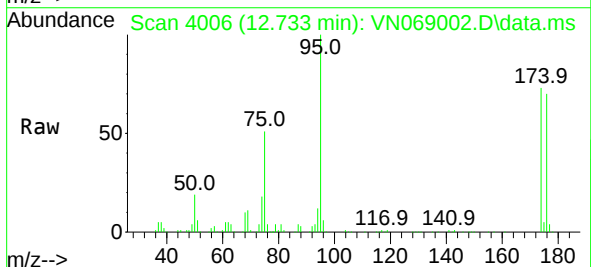
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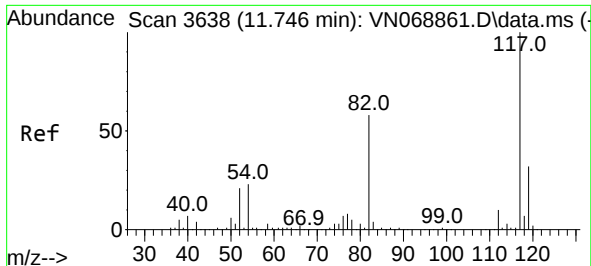
Tgt Ion: 98 Resp: 729140
Ion Ratio Lower Upper
98 100
100 65.0 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 47.849 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069002.D
Acq: 19 Oct 2021 1:38

Tgt Ion: 95 Resp: 248568
Ion Ratio Lower Upper
95 100
174 73.0 0.0 144.8
176 70.5 0.0 140.0

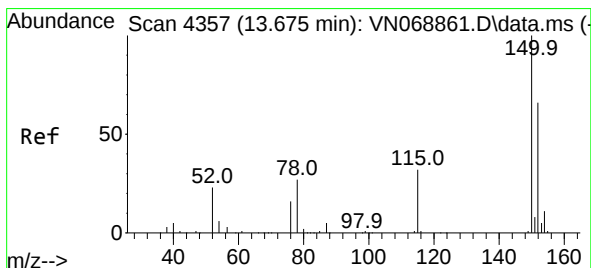
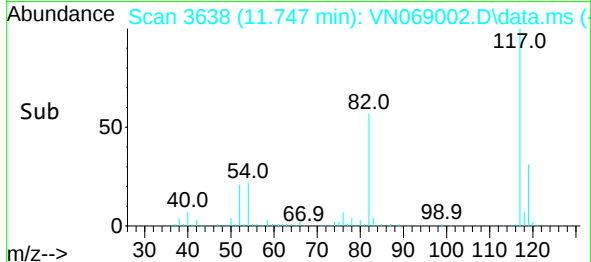
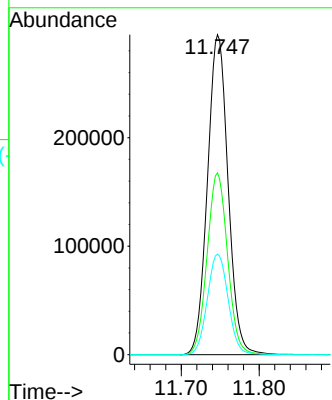
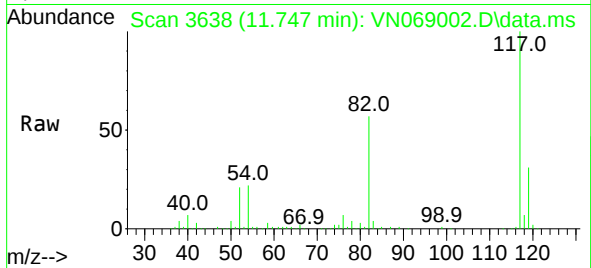




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069002.D
Acq: 19 Oct 2021 1:38

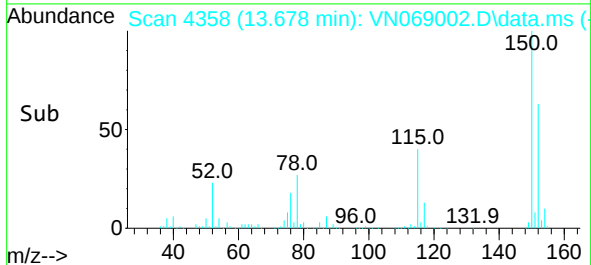
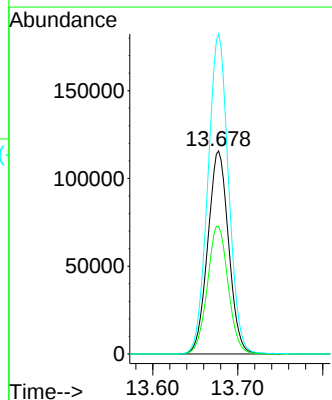
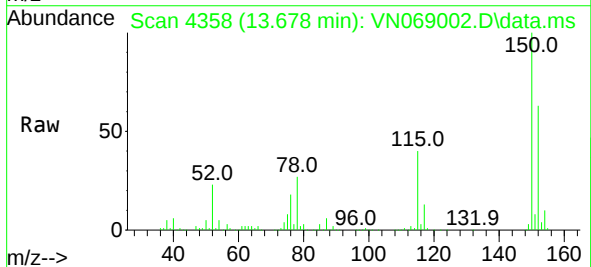
Instrument :
MSVOA_N
ClientSampled :

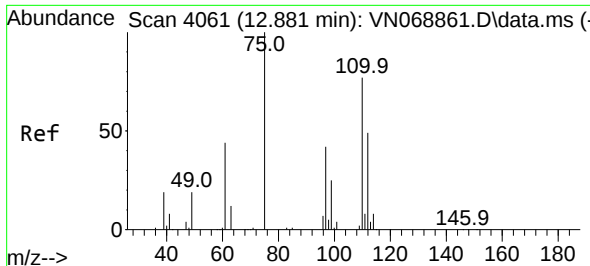
Tgt Ion:117 Resp: 542770
Ion Ratio Lower Upper
117 100
82 56.9 46.4 69.6
119 31.4 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069002.D
Acq: 19 Oct 2021 1:38

Tgt Ion:152 Resp: 197126
Ion Ratio Lower Upper
152 100
115 62.8 31.4 94.3
150 156.3 0.0 351.0

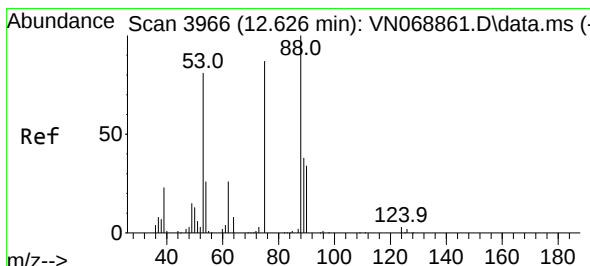
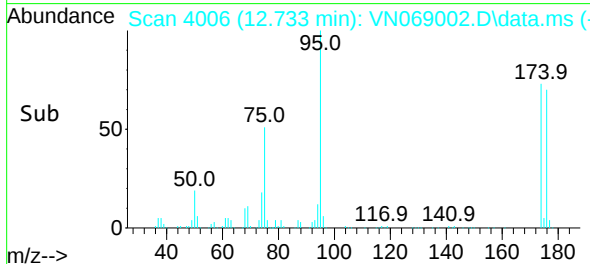
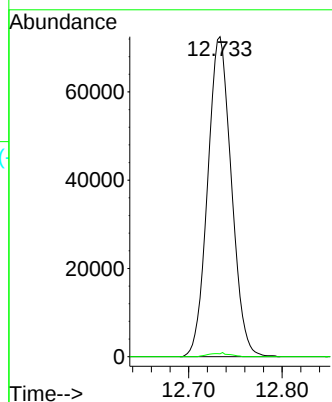
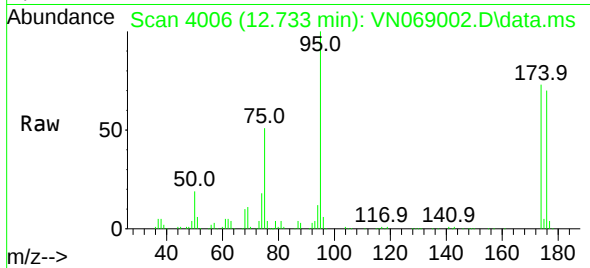




#76
1,2,3-Trichloropropane
Concen: 30.474 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN069002.D
Acq: 19 Oct 2021 1:38

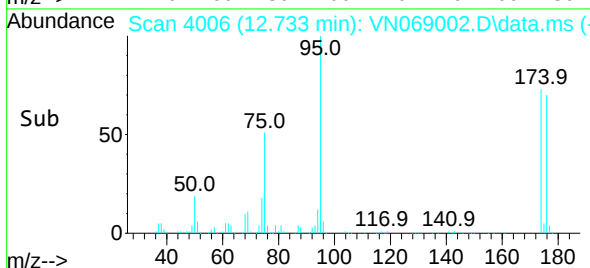
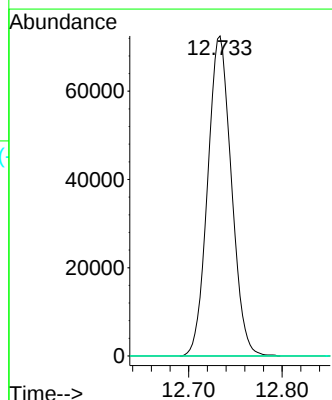
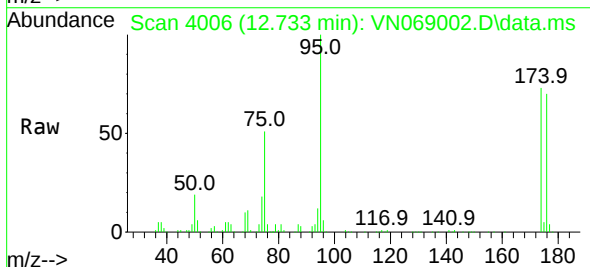
Instrument :
MSVOA_N
ClientSampled :

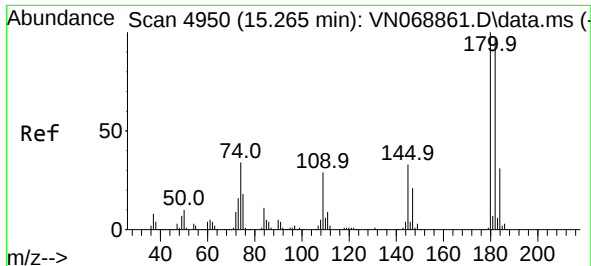
Tgt Ion: 75 Resp: 127817
Ion Ratio Lower Upper
75 100
77 1.0 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.908 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069002.D
Acq: 19 Oct 2021 1:38

Tgt Ion: 75 Resp: 127817
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#

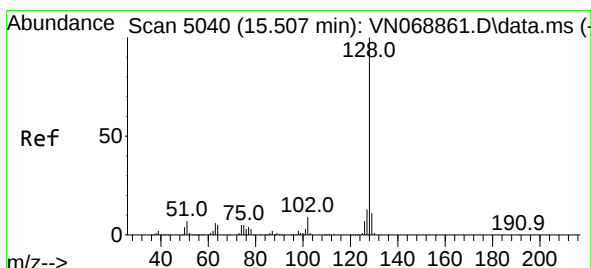
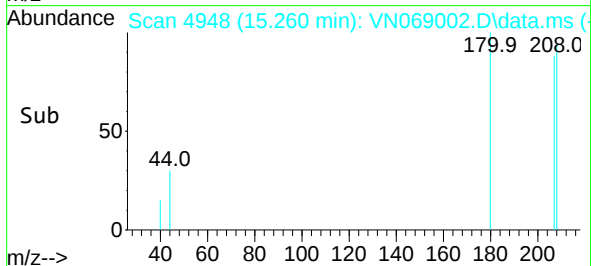
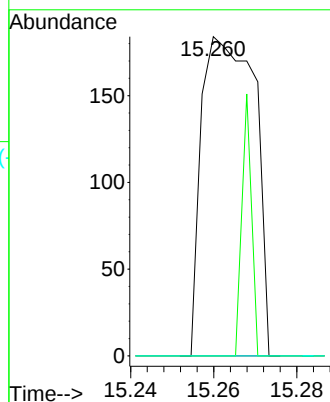
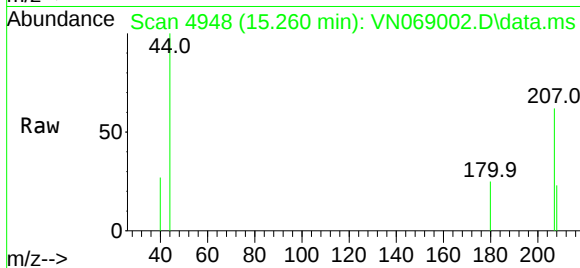




#93
1,2,4-Trichlorobenzene
Concen: 2.648 ug/l
RT: 15.260 min Scan# 4948
Delta R.T. -0.005 min
Lab File: VN069002.D
Acq: 19 Oct 2021 1:38

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:180 Resp: 163
Ion Ratio Lower Upper
180 100
182 14.7 47.9 143.7#
145 0.0 16.4 49.2#



#95
Naphthalene
Concen: 3.970 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069002.D
Acq: 19 Oct 2021 1:38

Tgt Ion:128 Resp: 1568
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

