

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102121\
 Data File : VN069088.D
 Acq On : 21 Oct 2021 15:12
 Operator : JC/MD
 Sample : M4284-06 200X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 22 01:33:24 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)

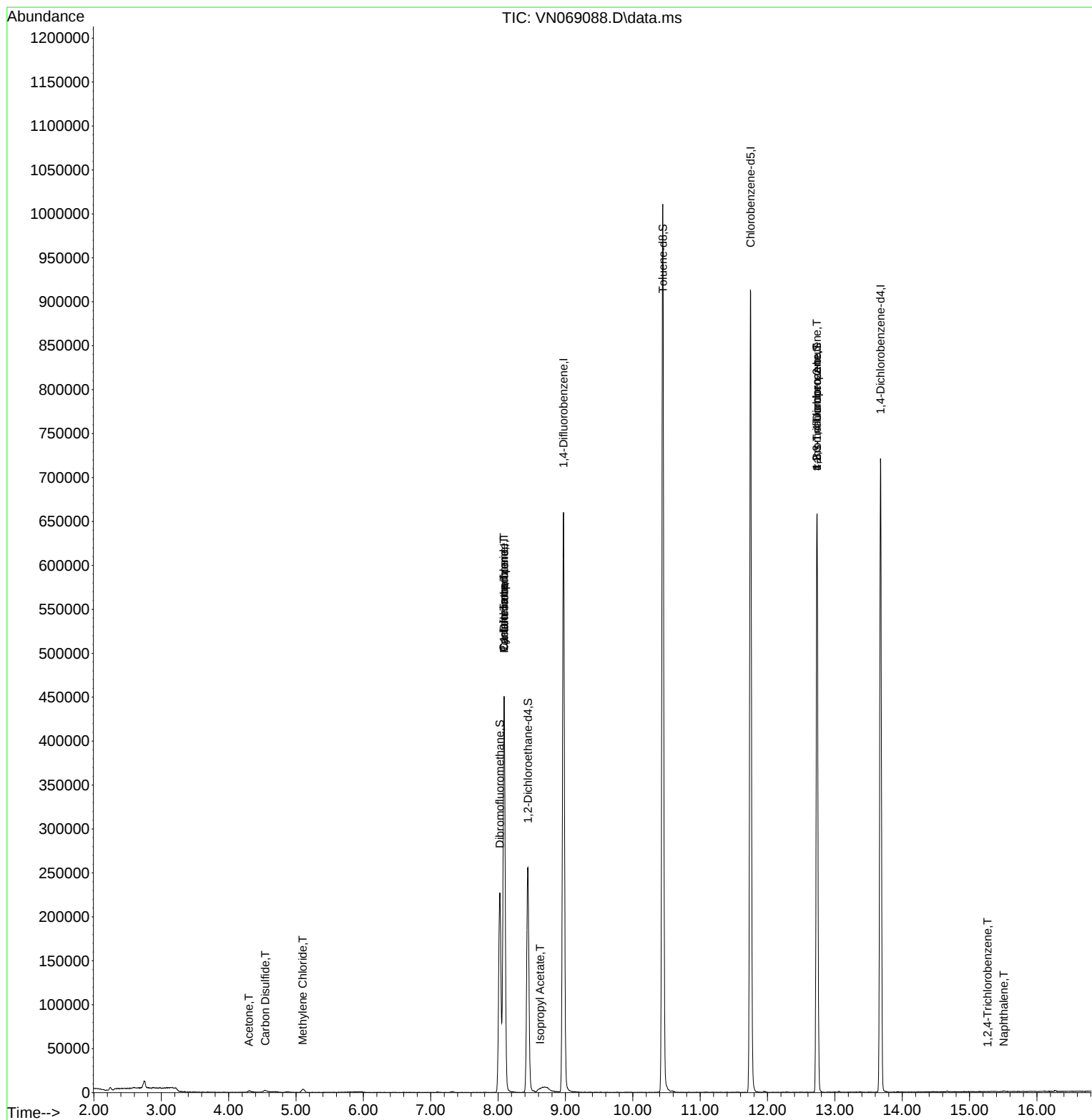
Internal Standards						
1) Pentafluorobenzene	8.091	168	335097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	587693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	536256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	192338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	219980	49.790	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.580%		
35) Dibromofluoromethane	8.027	113	169962	49.707	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.420%		
50) Toluene-d8	10.446	98	727748	53.194	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.380%		
62) 4-Bromofluorobenzene	12.733	95	243292	47.134	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.260%		
Target Compounds						
					Qvalue	
16) Acetone	4.299	43	2827	1.715	ug/l	96
17) Carbon Disulfide	4.543	76	4380	0.498	ug/l #	75
20) Methylene Chloride	5.100	84	1896	0.500	ug/l	95
31) Cyclohexane	8.088	56	7904	1.151	ug/l #	4
36) 1,1-Dichloropropene	8.088	75	28194	5.617	ug/l #	50
38) Carbon Tetrachloride	8.088	117	34980	6.345	ug/l #	15
43) Isopropyl Acetate	8.625	43	4202	0.459	ug/l #	55
76) 1,2,3-Trichloropropane	12.733	75	125755	30.729	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	125755	73.517	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.268	180	81	2.625	ug/l #	12
95) Naphthalene	15.507	128	1248	3.941	ug/l #	69

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

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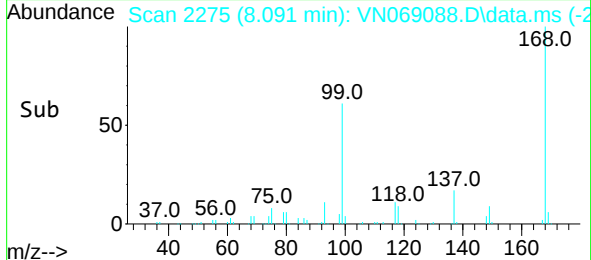
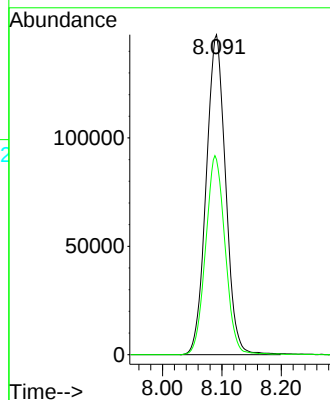
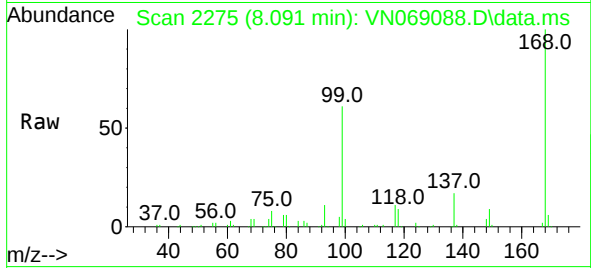




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.005 min
Lab File: VN069088.D
Acq: 21 Oct 2021 15:12

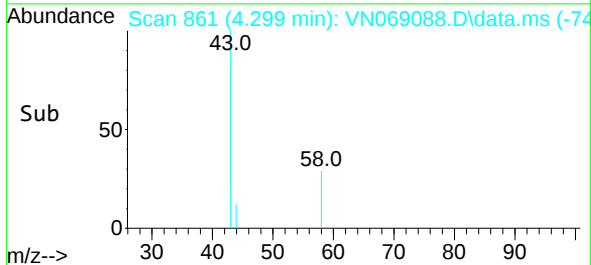
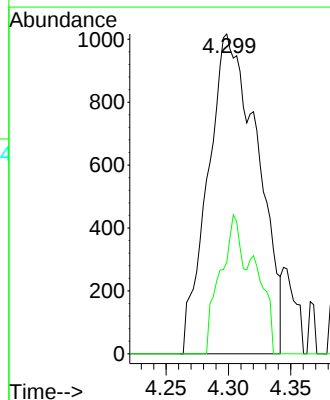
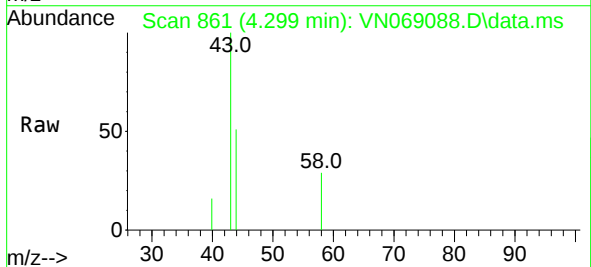
Instrument :
MSVOA_N
ClientSampled :

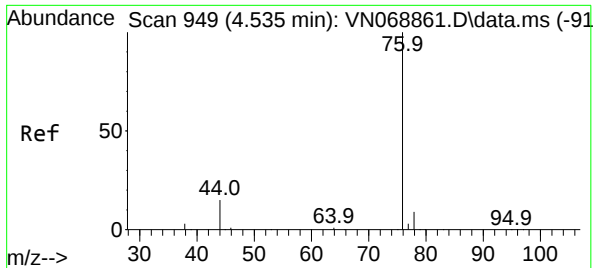
Tgt Ion:168 Resp: 335097
Ion Ratio Lower Upper
168 100
99 61.0 48.9 73.3



#16
Acetone
Concen: 1.715 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.013 min
Lab File: VN069088.D
Acq: 21 Oct 2021 15:12

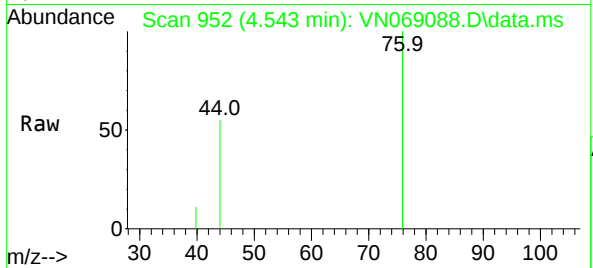
Tgt Ion: 43 Resp: 2827
Ion Ratio Lower Upper
43 100
58 28.6 24.5 36.7



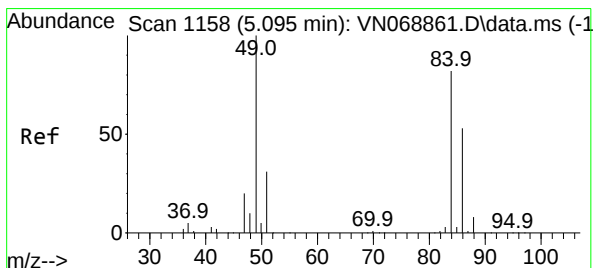
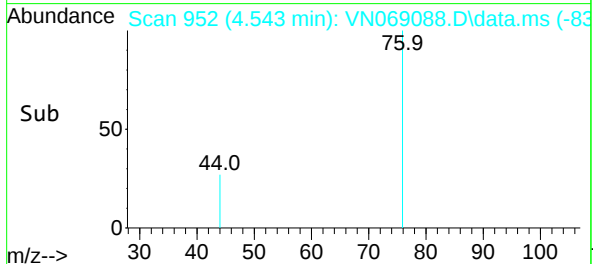
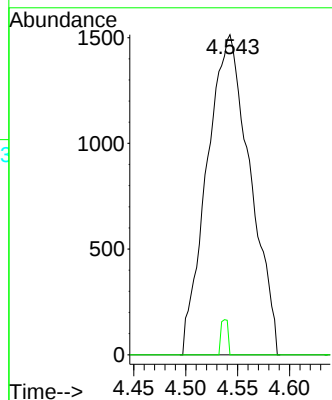


#17
Carbon Disulfide
Concen: 0.498 ug/l
RT: 4.543 min Scan# 952
Delta R.T. 0.008 min
Lab File: VN069088.D
Acq: 21 Oct 2021 15:12

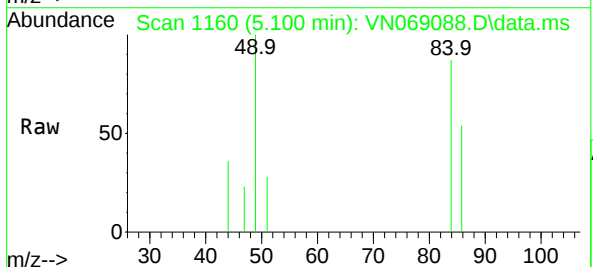
Instrument :
MSVOA_N
ClientSampled :



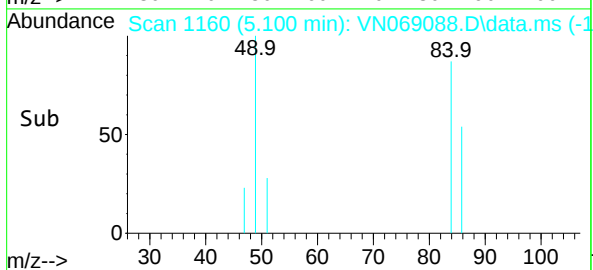
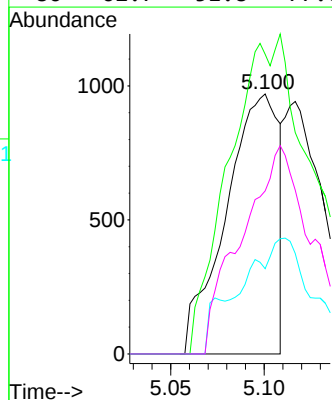
Tgt Ion: 76 Resp: 4380
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

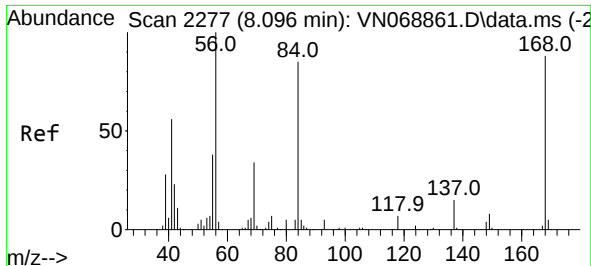


#20
Methylene Chloride
Concen: 0.500 ug/l
RT: 5.100 min Scan# 1160
Delta R.T. 0.005 min
Lab File: VN069088.D
Acq: 21 Oct 2021 15:12



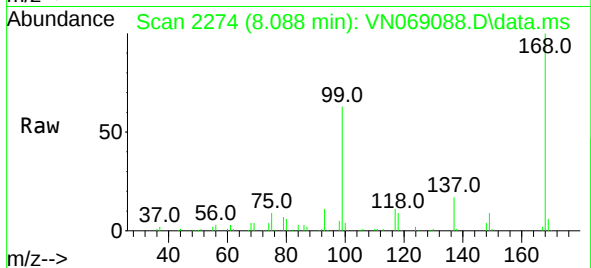
Tgt Ion: 84 Resp: 1896
Ion Ratio Lower Upper
84 100
49 115.3 97.6 146.4
51 32.8 30.3 45.5
86 62.7 51.8 77.6



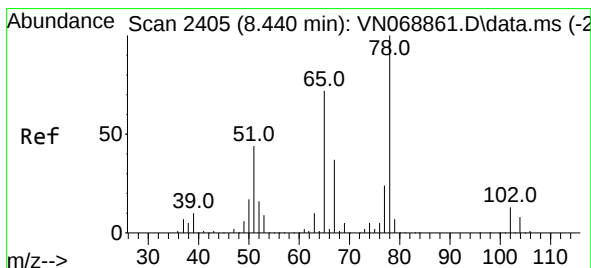
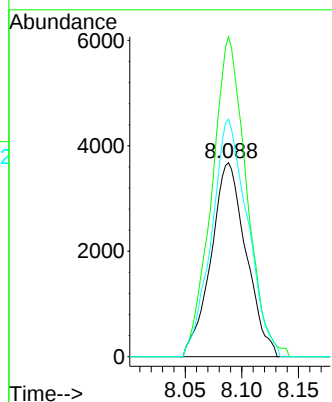
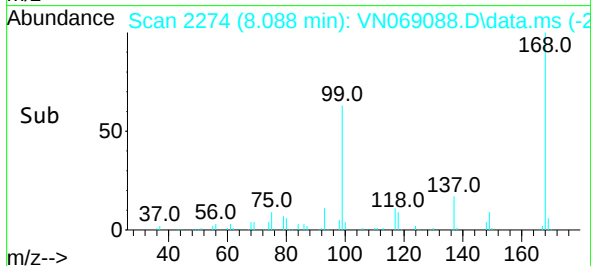


#31
Cyclohexane
Concen: 1.151 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN069088.D
Acq: 21 Oct 2021 15:12

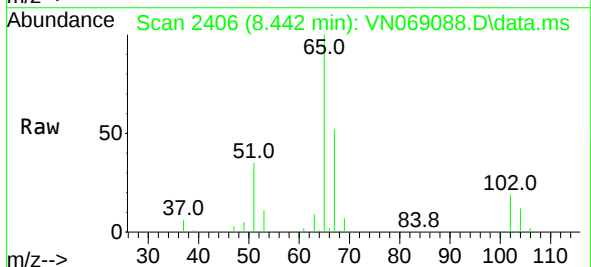
Instrument :
MSVOA_N
ClientSampleId :



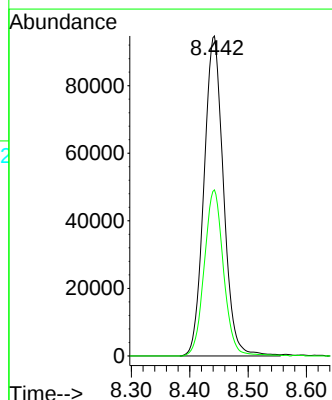
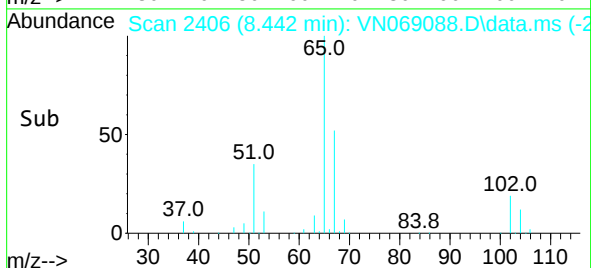
Tgt Ion: 56 Resp: 7904
Ion Ratio Lower Upper
56 100
69 165.0 26.9 40.3#
84 122.5 67.6 101.4#

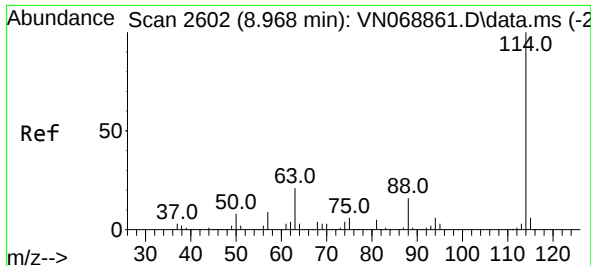


#33
1,2-Dichloroethane-d4
Concen: 49.790 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VN069088.D
Acq: 21 Oct 2021 15:12



Tgt Ion: 65 Resp: 219980
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.8

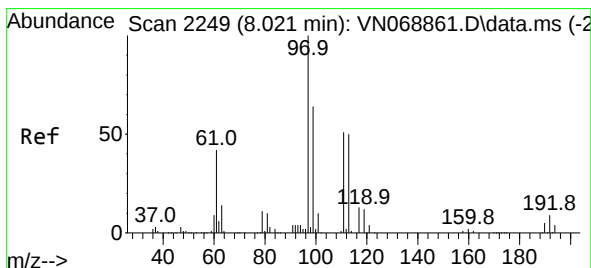
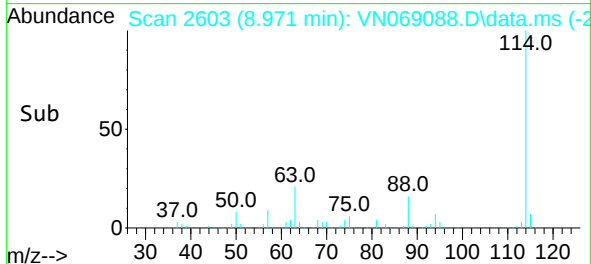
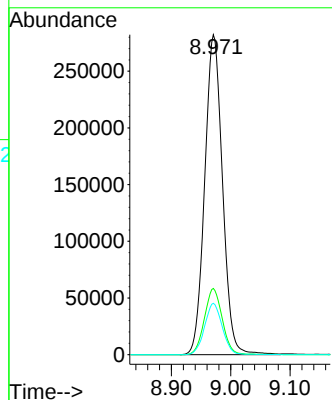
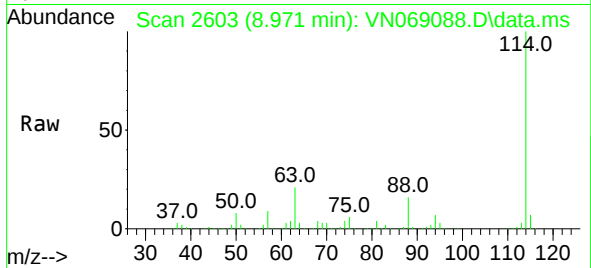




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069088.D
Acq: 21 Oct 2021 15:12

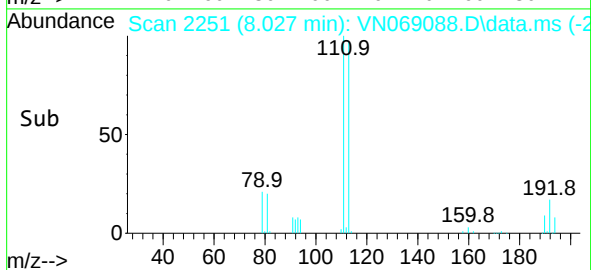
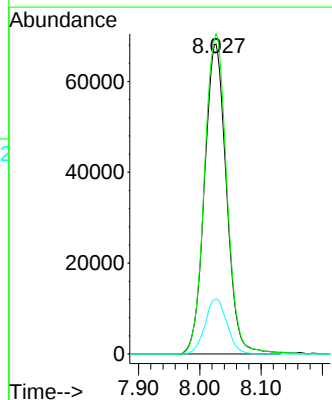
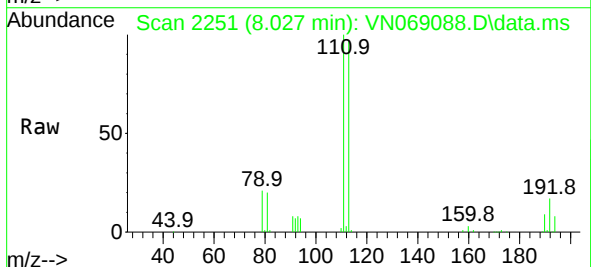
Instrument :
MSVOA_N
ClientSampled :

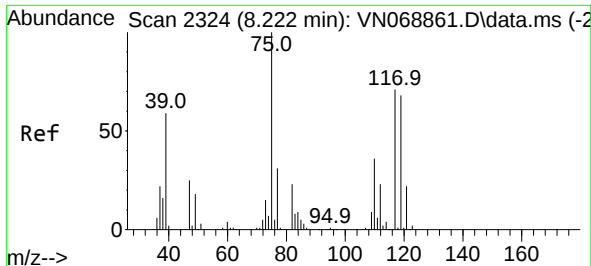
Tgt Ion:114 Resp: 587693
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.6
88 16.1 0.0 32.0



#35
Dibromofluoromethane
Concen: 49.707 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.005 min
Lab File: VN069088.D
Acq: 21 Oct 2021 15:12

Tgt Ion:113 Resp: 169962
Ion Ratio Lower Upper
113 100
111 104.5 83.2 124.8
192 17.7 15.0 22.4





#36

1,1-Dichloropropene

Concen: 5.617 ug/l

RT: 8.088 min Scan# 2274

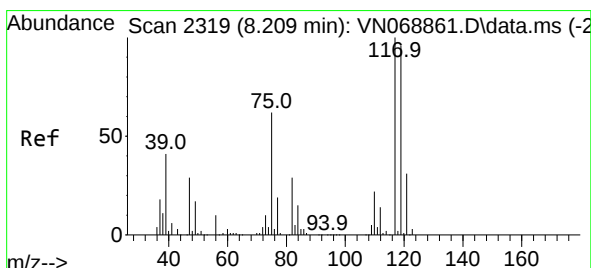
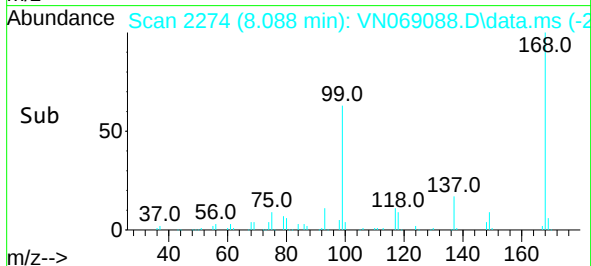
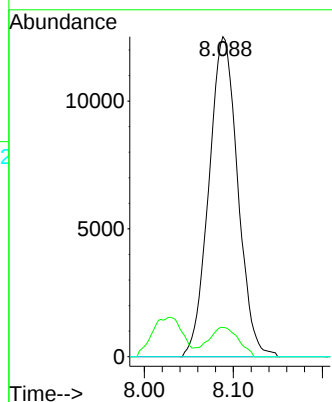
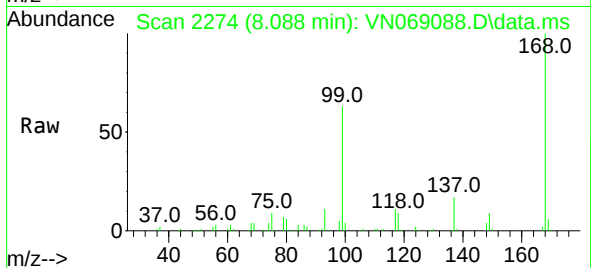
Delta R.T. -0.134 min

Lab File: VN069088.D

Acq: 21 Oct 2021 15:12

Tgt Ion:	75	Resp:	28194
Ion Ratio	Lower	Upper	
75	100		
110	9.5	17.9	53.8#
77	0.0	24.7	37.1#

Instrument :
MSVOA_N
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.345 ug/l

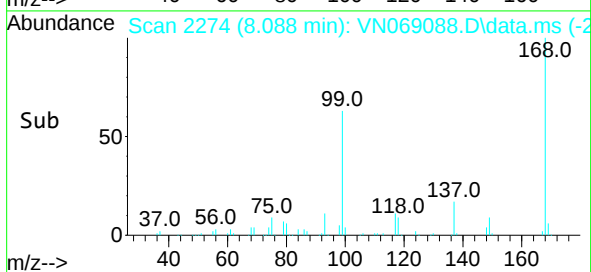
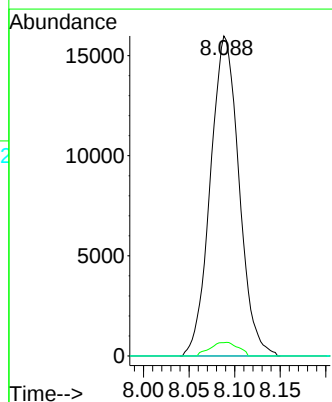
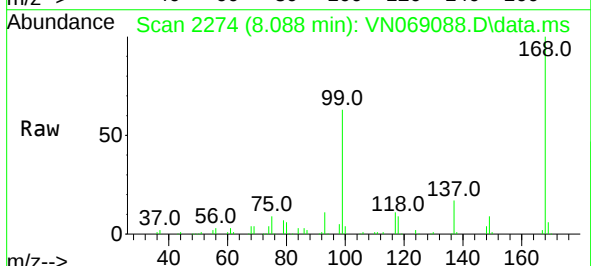
RT: 8.088 min Scan# 2274

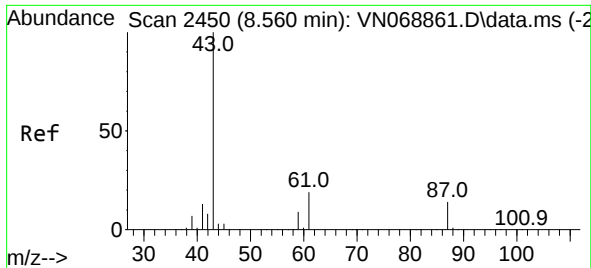
Delta R.T. -0.121 min

Lab File: VN069088.D

Acq: 21 Oct 2021 15:12

Tgt Ion:	117	Resp:	34980
Ion Ratio	Lower	Upper	
117	100		
119	4.1	76.9	115.3#
121	0.0	24.6	37.0#

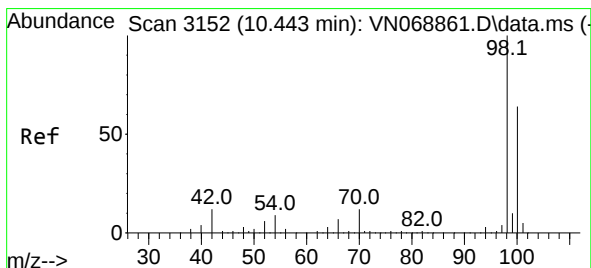
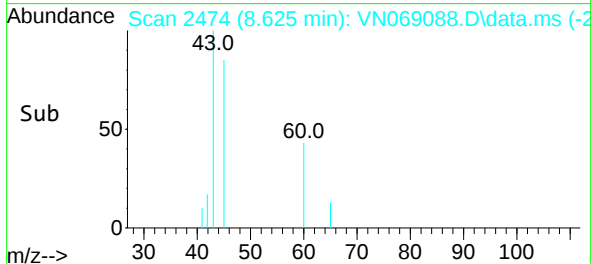
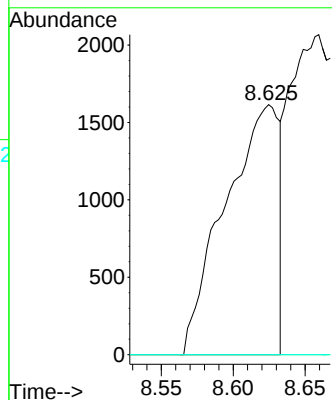
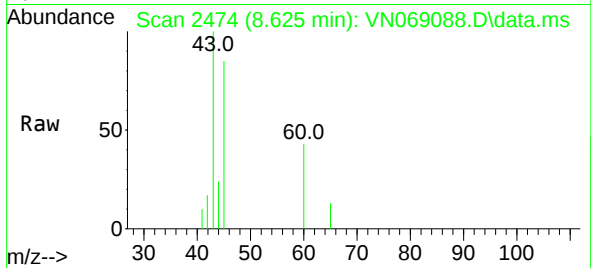




#43
Isopropyl Acetate
Concen: 0.459 ug/l
RT: 8.625 min Scan# 2474
Delta R.T. 0.064 min
Lab File: VN069088.D
Acq: 21 Oct 2021 15:12

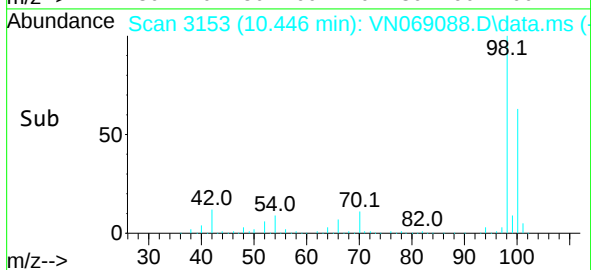
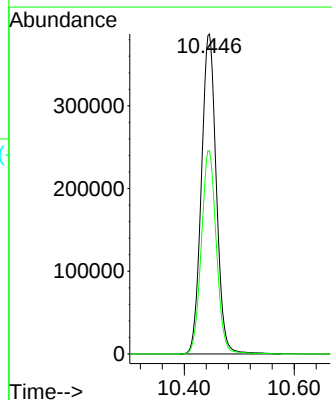
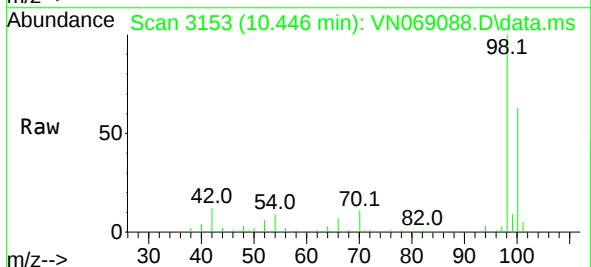
Instrument :
MSVOA_N
ClientSampled :

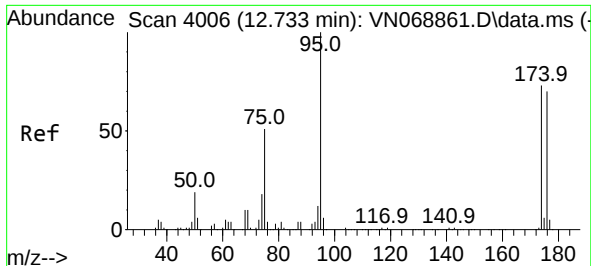
Tgt Ion: 43 Resp: 4202
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#



#50
Toluene-d8
Concen: 53.194 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN069088.D
Acq: 21 Oct 2021 15:12

Tgt Ion: 98 Resp: 727748
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3

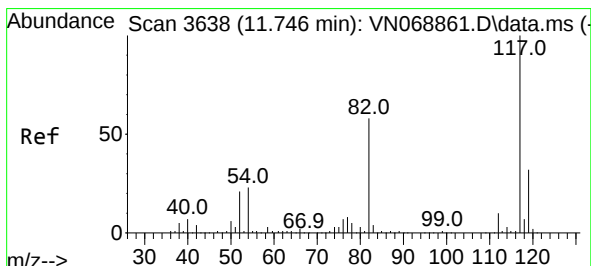
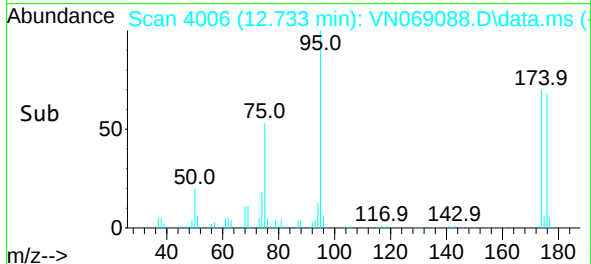
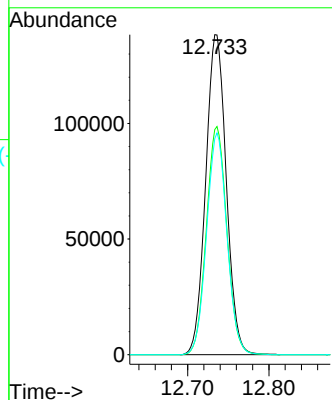
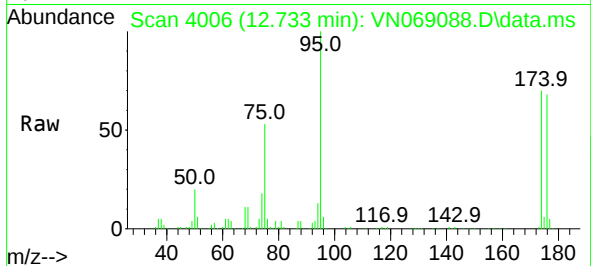




#62
4-Bromofluorobenzene
Concen: 47.134 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069088.D
Acq: 21 Oct 2021 15:12

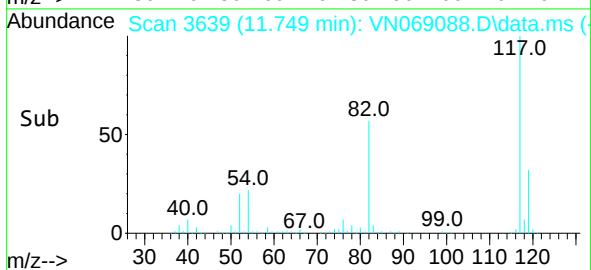
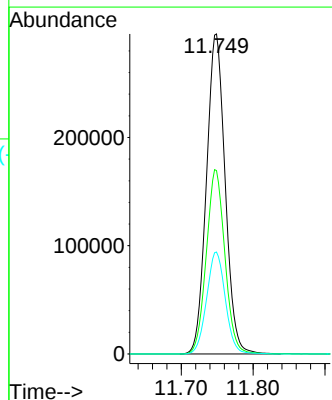
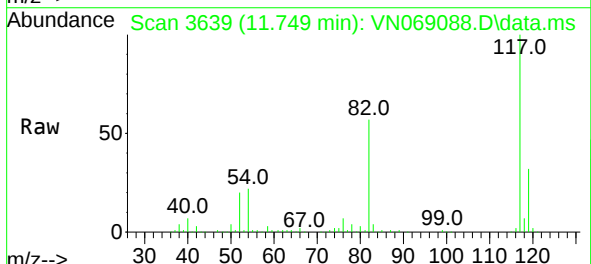
Instrument :
MSVOA_N
ClientSampled :

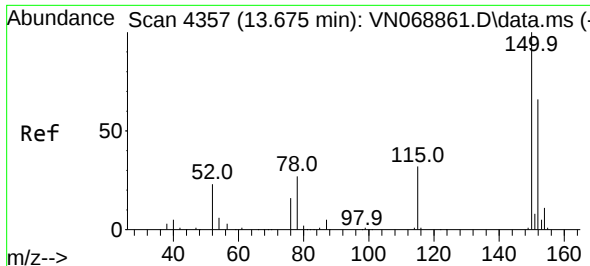
Tgt Ion: 95 Resp: 243292
Ion Ratio Lower Upper
95 100
174 71.3 0.0 144.8
176 68.6 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN069088.D
Acq: 21 Oct 2021 15:12

Tgt Ion: 117 Resp: 536256
Ion Ratio Lower Upper
117 100
82 57.3 46.4 69.6
119 31.8 26.0 39.0

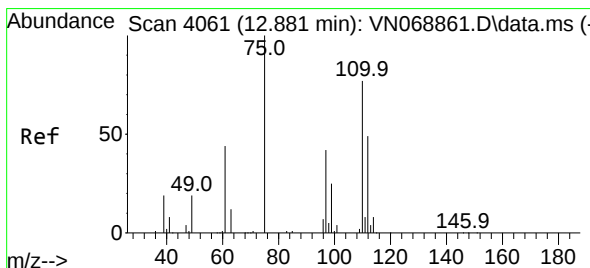
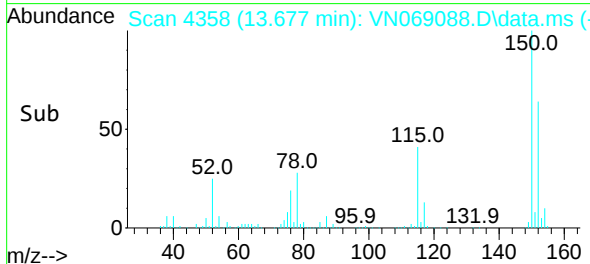
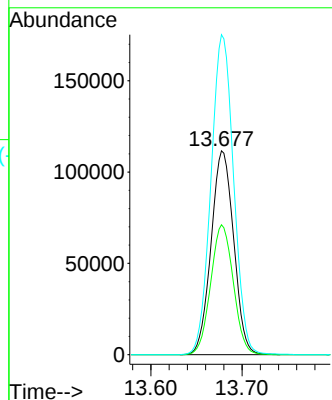
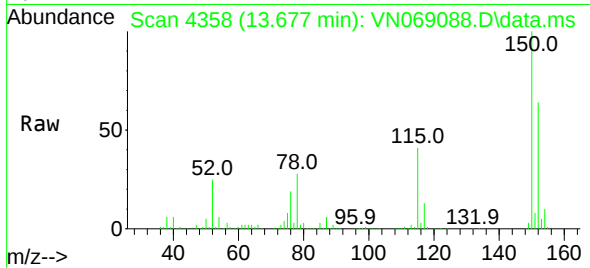




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069088.D
Acq: 21 Oct 2021 15:12

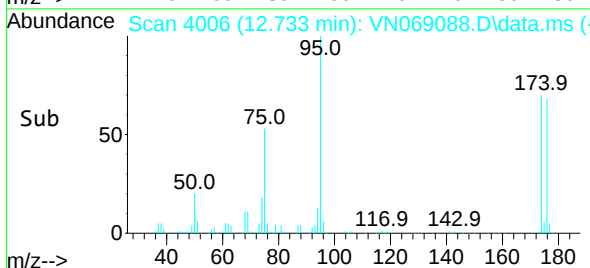
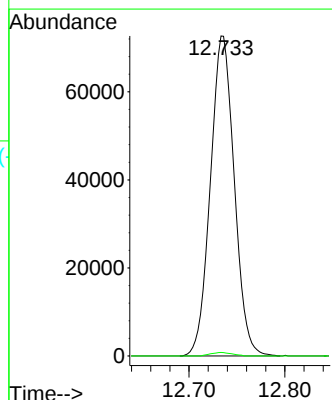
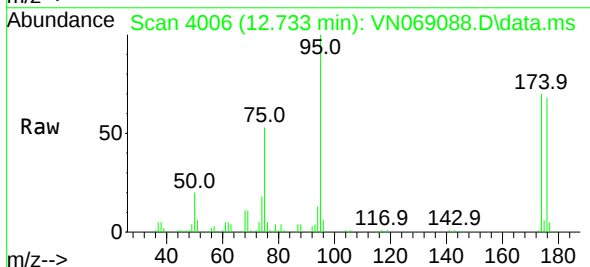
Instrument :
MSVOA_N
ClientSampled :

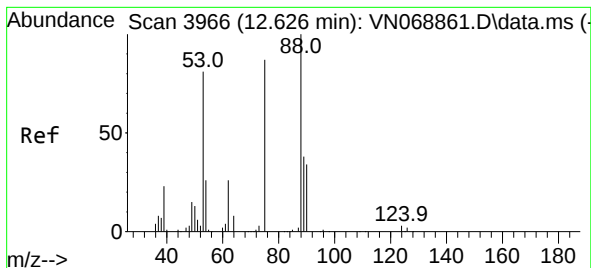
Tgt Ion:152 Resp: 192338
Ion Ratio Lower Upper
152 100
115 63.7 31.4 94.3
150 157.5 0.0 351.0



#76
1,2,3-Trichloropropane
Concen: 30.729 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN069088.D
Acq: 21 Oct 2021 15:12

Tgt Ion: 75 Resp: 125755
Ion Ratio Lower Upper
75 100
77 1.0 96.2 288.4#

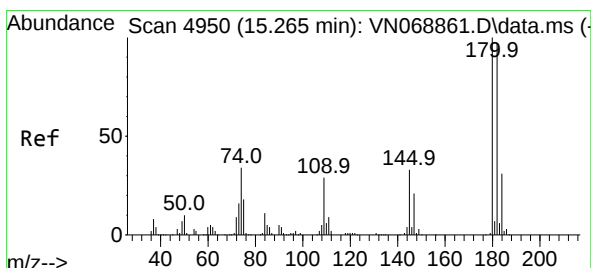
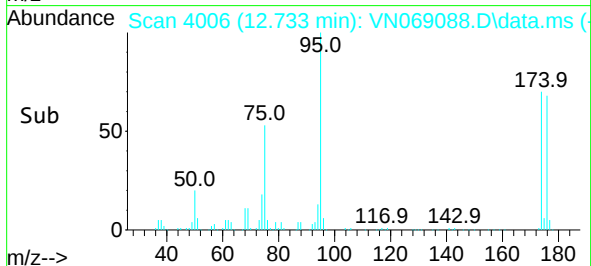
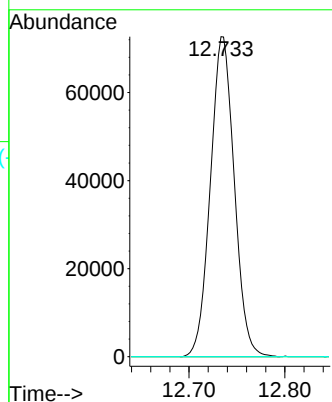
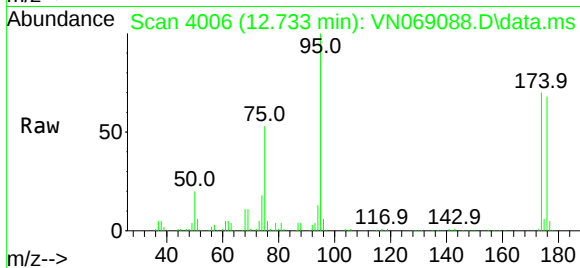




#81
trans-1,4-Dichloro-2-butene
Concen: 73.517 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069088.D
Acq: 21 Oct 2021 15:12

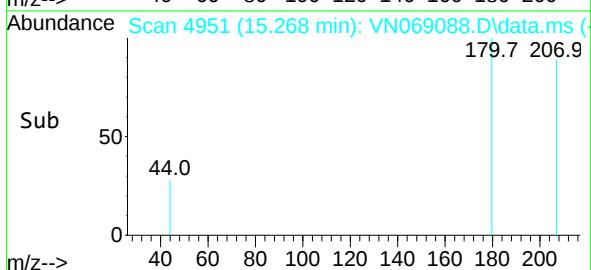
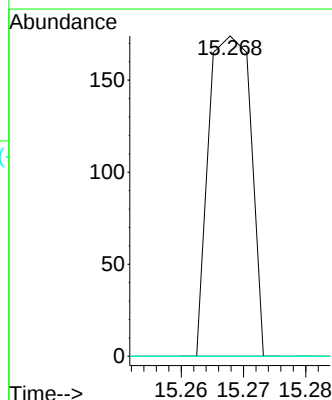
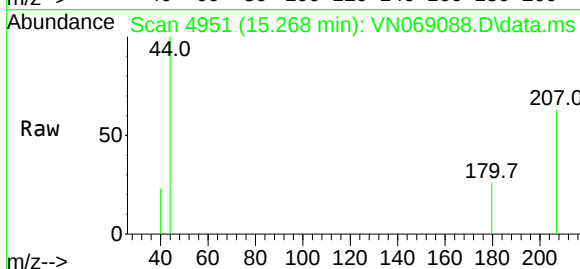
Instrument :
MSVOA_N
ClientSampled :

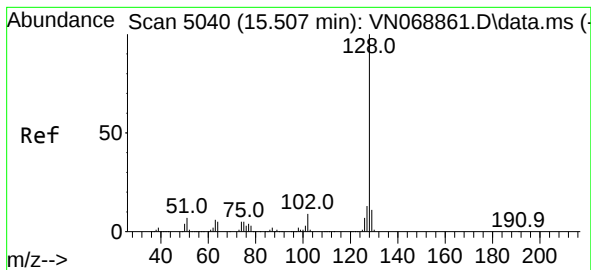
Tgt Ion: 75 Resp: 125755
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 2.625 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN069088.D
Acq: 21 Oct 2021 15:12

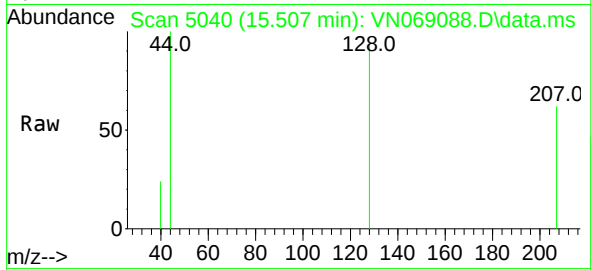
Tgt Ion:180 Resp: 81
Ion Ratio Lower Upper
180 100
182 0.0 47.9 143.7#
145 0.0 16.4 49.2#





#95
Naphthalene
Concen: 3.941 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069088.D
Acq: 21 Oct 2021 15:12

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 1248
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

