

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102121\
 Data File : VN069087.D
 Acq On : 21 Oct 2021 14:47
 Operator : JC/MD
 Sample : M4284-11 200X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 22 01:33:15 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)

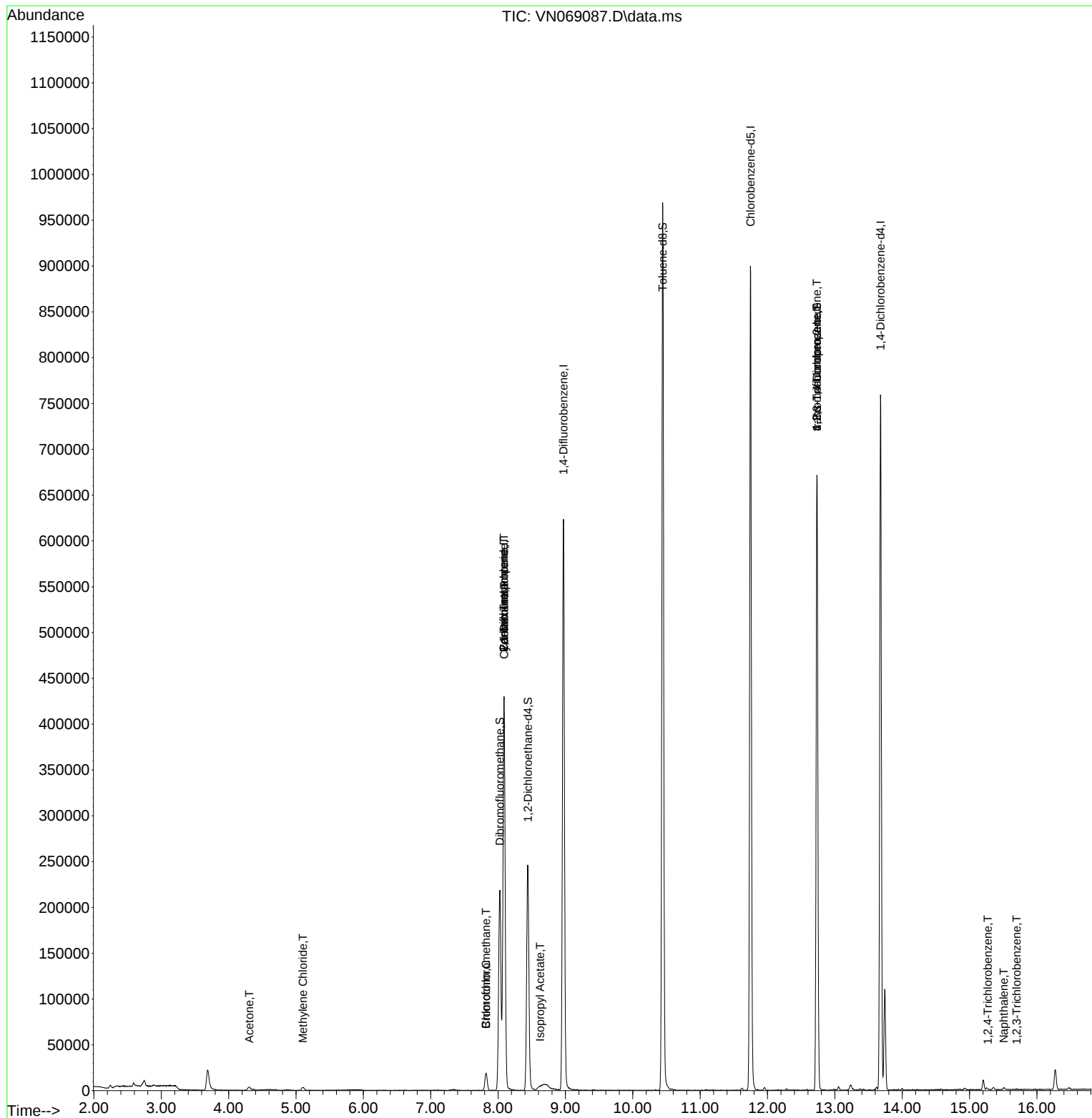
Internal Standards							
1) Pentafluorobenzene		8.088	168	318125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		8.971	114	557397	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.749	117	522895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.678	152	199444	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.442	65	209878	50.038	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.080%		
35) Dibromofluoromethane		8.027	113	164234	50.643	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.280%		
50) Toluene-d8		10.443	98	694540	53.526	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 107.060%		
62) 4-Bromofluorobenzene		12.733	95	250096	51.086	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 102.180%		
Target Compounds							
						Qvalue	
16) Acetone		4.309	43	7190	4.593	ug/l #	85
20) Methylene Chloride		5.103	84	2704	0.751	ug/l #	76
28) Bromochloromethane		7.820	49	1503	0.533	ug/l #	14
30) Chloroform		7.820	83	19548	2.979	ug/l	99
31) Cyclohexane		8.091	56	7523	1.154	ug/l #	17
36) 1,1-Dichloropropene		8.088	75	26650	5.598	ug/l #	49
38) Carbon Tetrachloride		8.088	117	33399	6.387	ug/l #	15
43) Isopropyl Acetate		8.625	43	4245	0.489	ug/l #	55
76) 1,2,3-Trichloropropane		12.733	75	131677	31.030	ug/l #	1
81) trans-1,4-Dichloro-2-b...		12.733	75	131677	74.236	ug/l #	12
93) 1,2,4-Trichlorobenzene		15.271	180	220	2.664	ug/l #	59
95) Naphthalene		15.507	128	3264	4.137	ug/l #	83
96) 1,2,3-Trichlorobenzene		15.700	180	195	2.572	ug/l #	69

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

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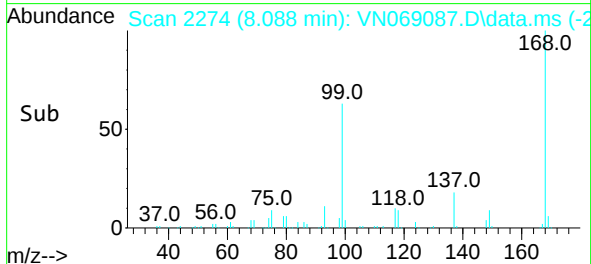
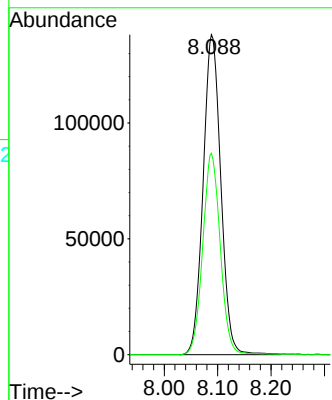
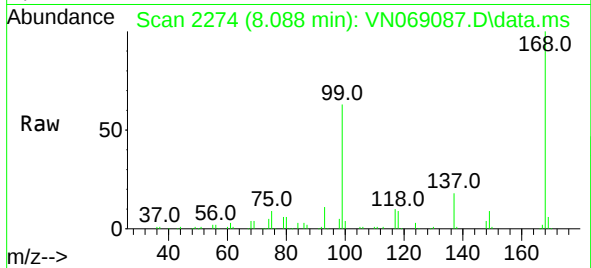




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069087.D
Acq: 21 Oct 2021 14:47

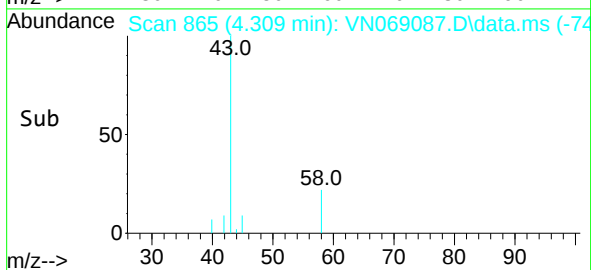
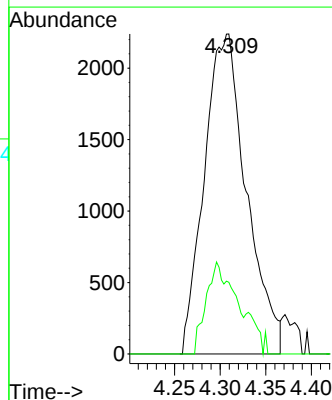
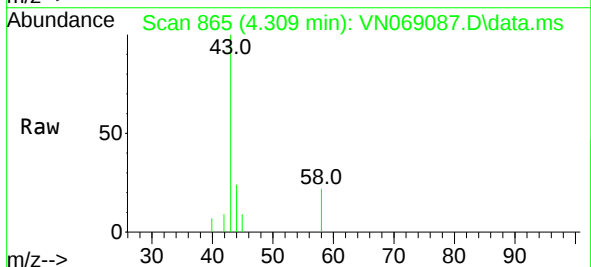
Instrument :
MSVOA_N
ClientSampled :

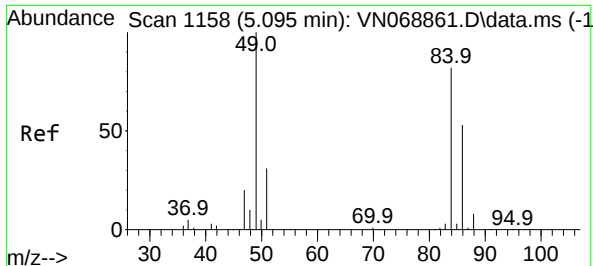
Tgt Ion:168 Resp: 318125
Ion Ratio Lower Upper
168 100
99 62.9 48.9 73.3



#16
Acetone
Concen: 4.593 ug/l
RT: 4.309 min Scan# 865
Delta R.T. 0.024 min
Lab File: VN069087.D
Acq: 21 Oct 2021 14:47

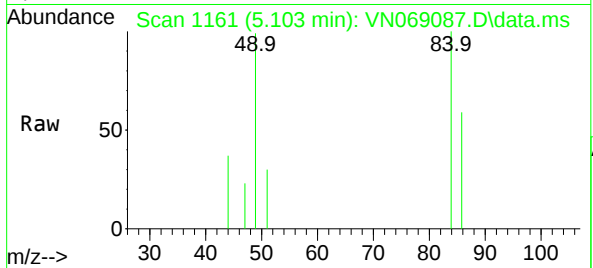
Tgt Ion: 43 Resp: 7190
Ion Ratio Lower Upper
43 100
58 22.4 24.5 36.7#



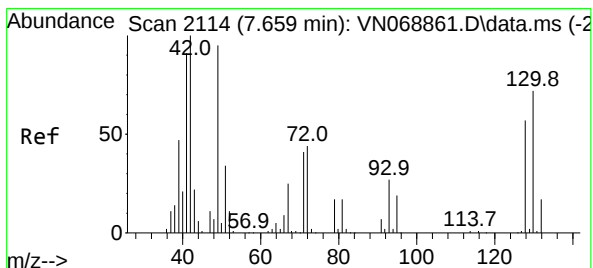
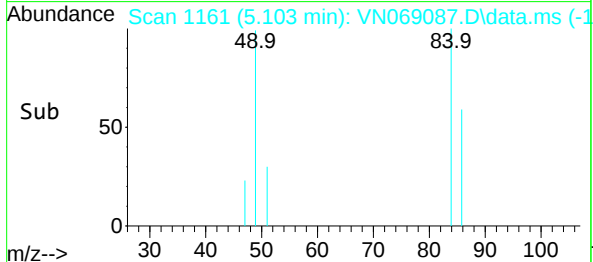
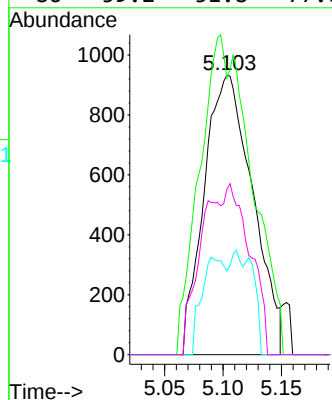


#20
Methylene Chloride
Concen: 0.751 ug/l
RT: 5.103 min Scan# 1161
Delta R.T. 0.008 min
Lab File: VN069087.D
Acq: 21 Oct 2021 14:47

Instrument :
MSVOA_N
ClientSampled :

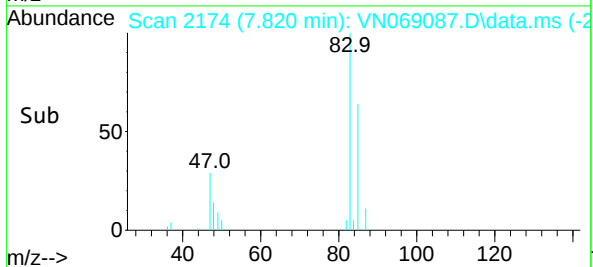
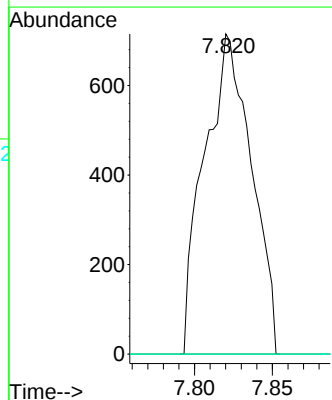
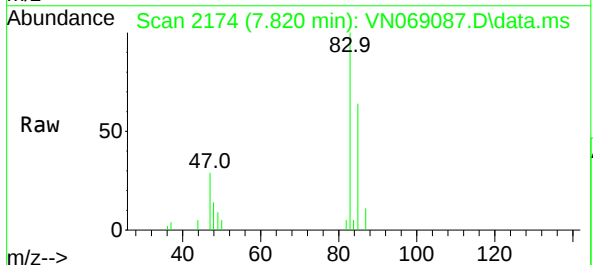


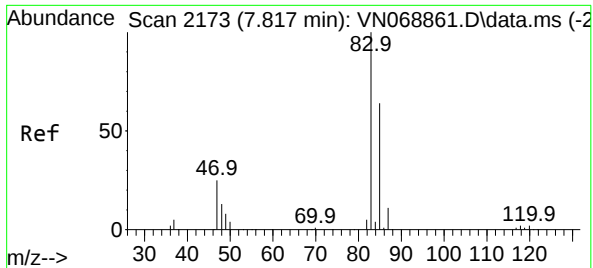
Tgt Ion:	84	Resp:	2704
Ion	Ratio	Lower	Upper
84	100		
49	81.8	97.6	146.4#
51	30.0	30.3	45.5#
86	59.2	51.8	77.6



#28
Bromochloromethane
Concen: 0.533 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.161 min
Lab File: VN069087.D
Acq: 21 Oct 2021 14:47

Tgt Ion:	49	Resp:	1503
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	0.0	60.8	91.2#





#30

Chloroform

Concen: 2.979 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.003 min

Lab File: VN069087.D

Acq: 21 Oct 2021 14:47

Tgt Ion: 83 Resp: 19548

Ion Ratio Lower Upper

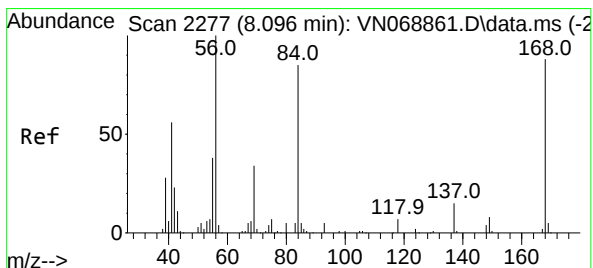
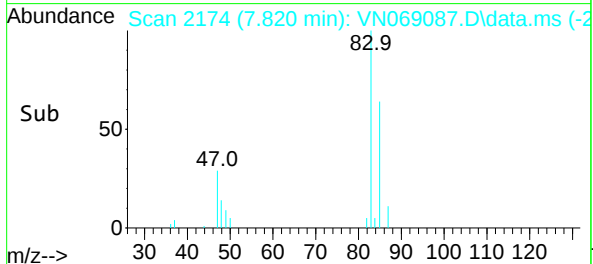
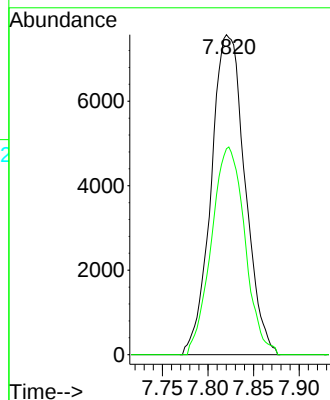
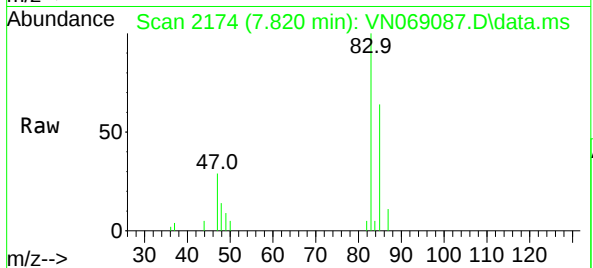
83 100

85 64.3 51.1 76.7

Instrument :

MSVOA_N

ClientSampled :



#31

Cyclohexane

Concen: 1.154 ug/l

RT: 8.091 min Scan# 2275

Delta R.T. -0.005 min

Lab File: VN069087.D

Acq: 21 Oct 2021 14:47

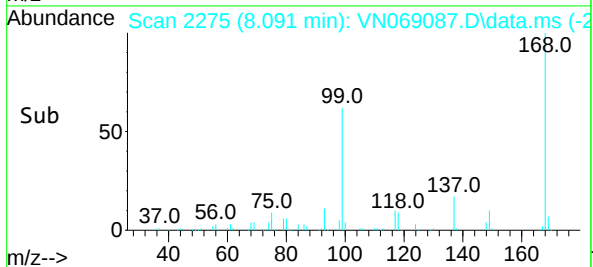
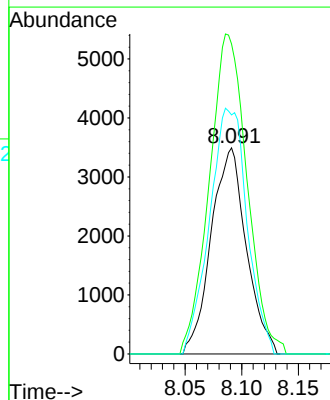
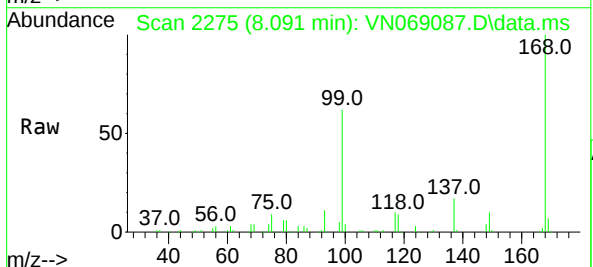
Tgt Ion: 56 Resp: 7523

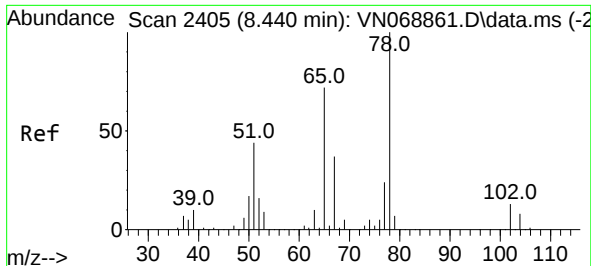
Ion Ratio Lower Upper

56 100

69 150.4 26.9 40.3#

84 116.1 67.6 101.4#



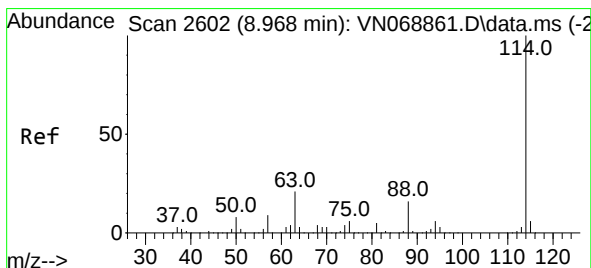
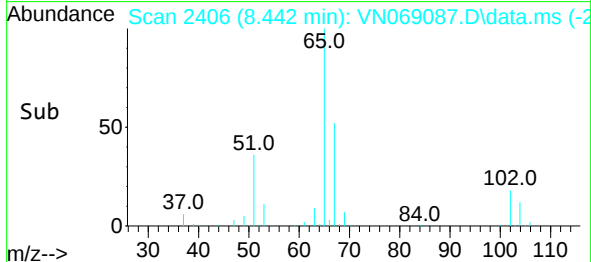
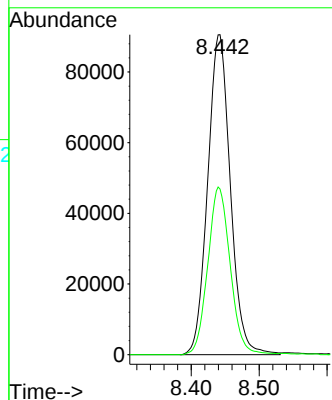
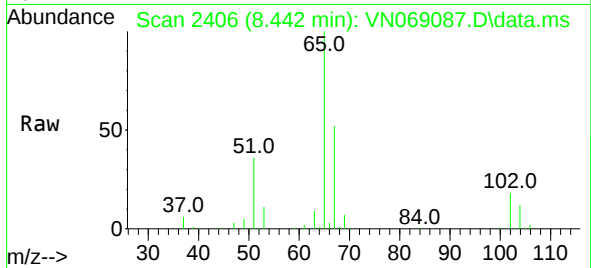


#33

1,2-Dichloroethane-d4
Concen: 50.038 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VN069087.D
Acq: 21 Oct 2021 14:47

Instrument :
MSVOA_N
ClientSampled :

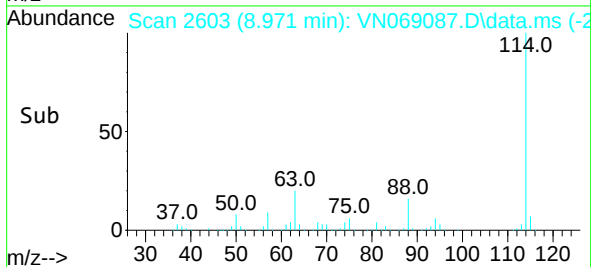
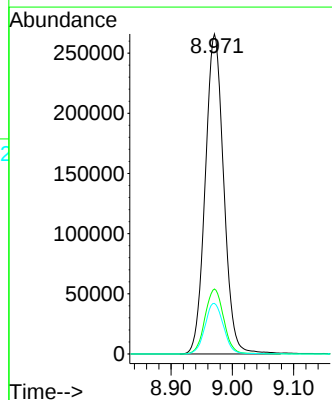
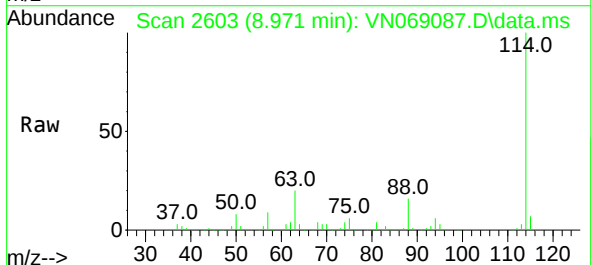
Tgt Ion: 65 Resp: 209878
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.8

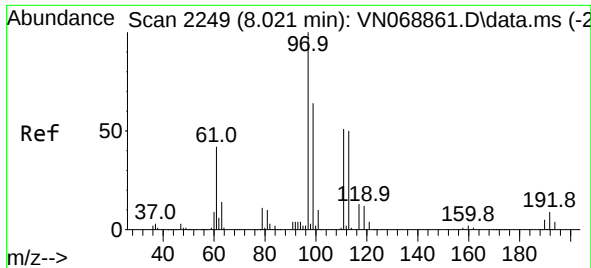


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069087.D
Acq: 21 Oct 2021 14:47

Tgt Ion: 114 Resp: 557397
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.6
88 15.8 0.0 32.0

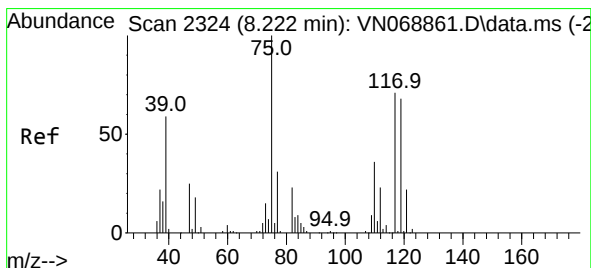
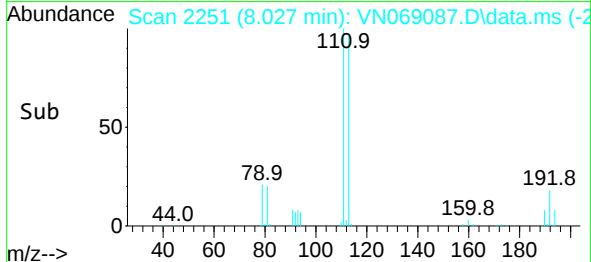
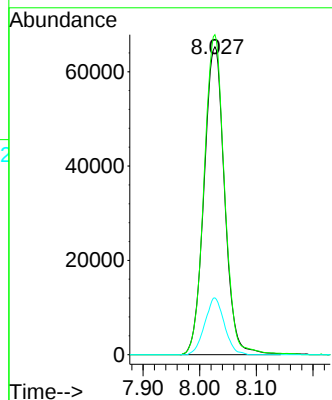
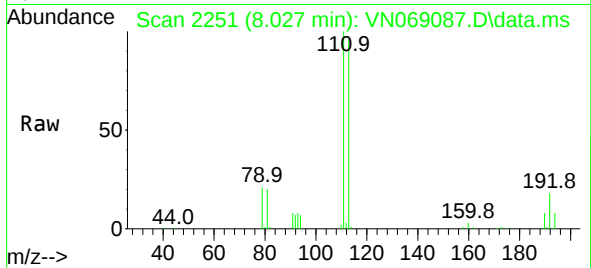




#35
Dibromofluoromethane
Concen: 50.643 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.005 min
Lab File: VN069087.D
Acq: 21 Oct 2021 14:47

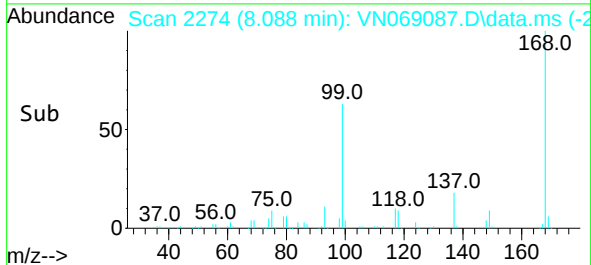
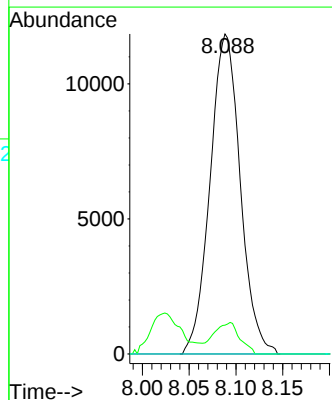
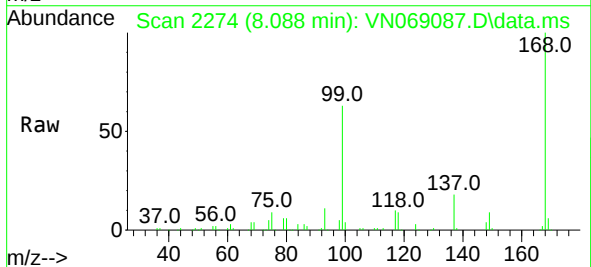
Instrument :
MSVOA_N
ClientSampleId :

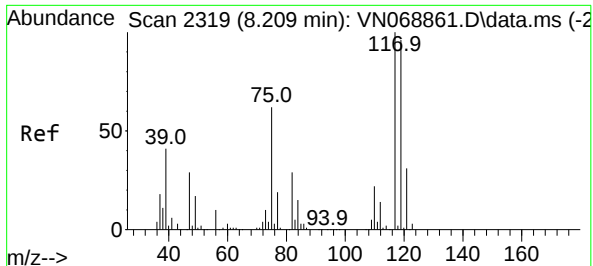
Tgt Ion:113 Resp: 164234
Ion Ratio Lower Upper
113 100
111 102.9 83.2 124.8
192 17.6 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.598 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069087.D
Acq: 21 Oct 2021 14:47

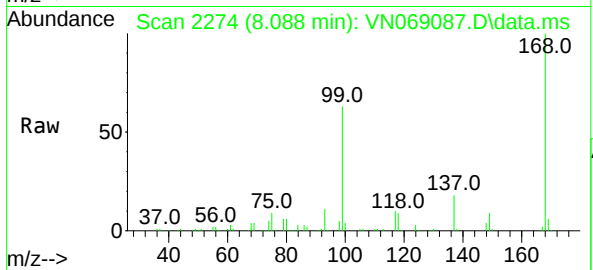
Tgt Ion: 75 Resp: 26650
Ion Ratio Lower Upper
75 100
110 8.6 17.9 53.8#
77 0.0 24.7 37.1#



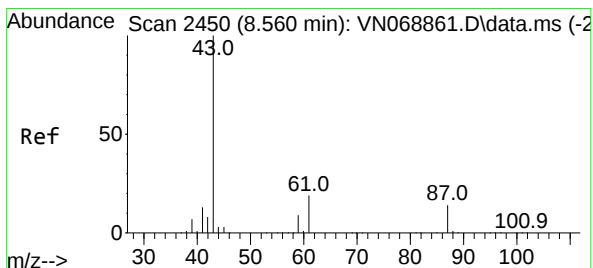
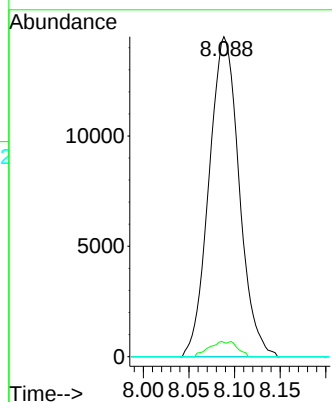
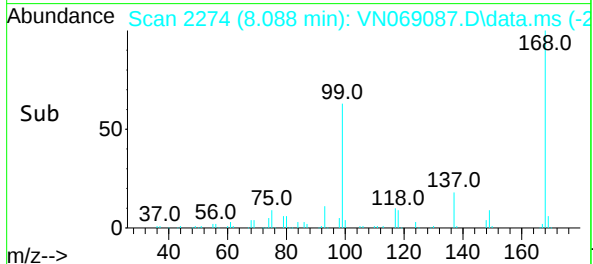


#38
Carbon Tetrachloride
Concen: 6.387 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN069087.D
Acq: 21 Oct 2021 14:47

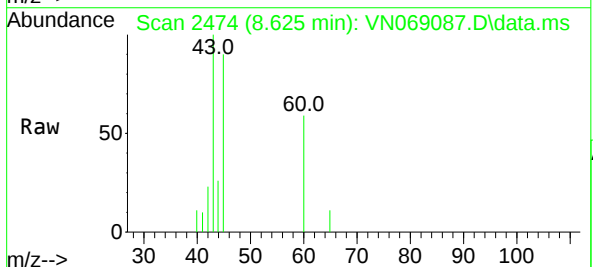
Instrument :
MSVOA_N
ClientSampleId :



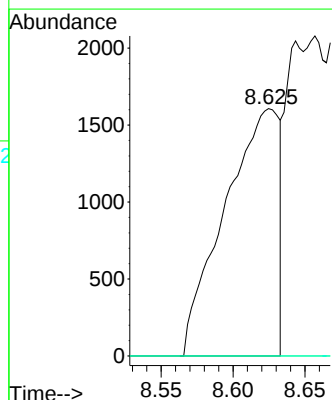
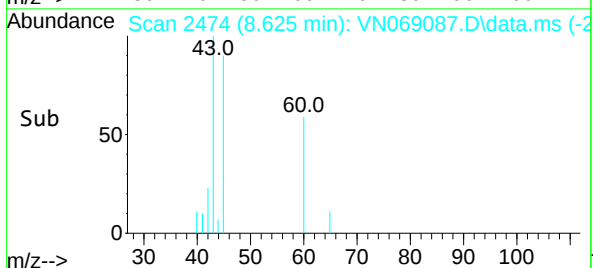
Tgt Ion:117 Resp: 33399
Ion Ratio Lower Upper
117 100
119 4.5 76.9 115.3#
121 0.0 24.6 37.0#

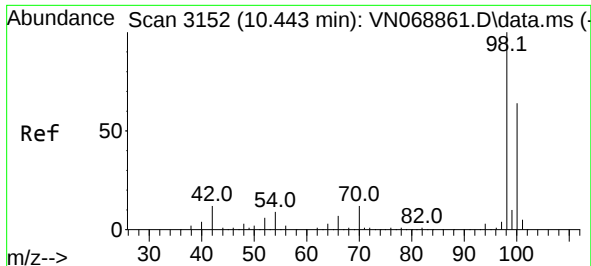


#43
Isopropyl Acetate
Concen: 0.489 ug/l
RT: 8.625 min Scan# 2474
Delta R.T. 0.064 min
Lab File: VN069087.D
Acq: 21 Oct 2021 14:47



Tgt Ion: 43 Resp: 4245
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#

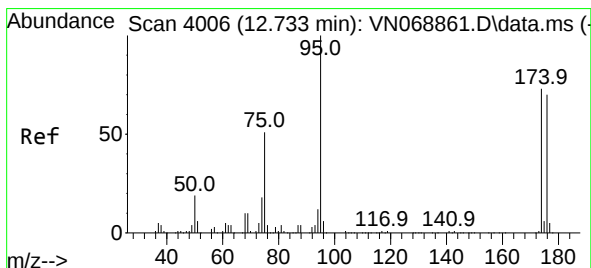
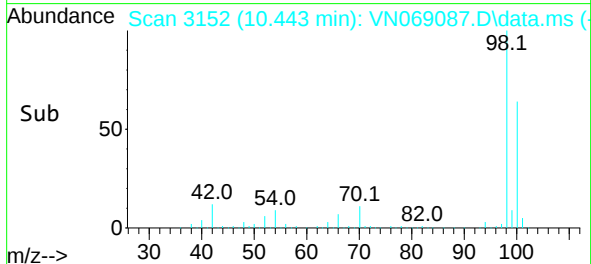
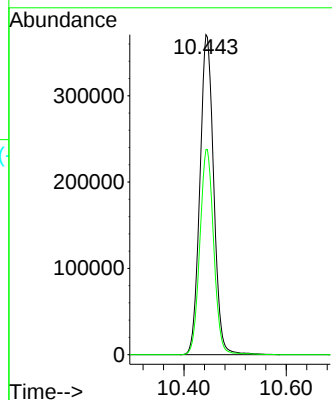
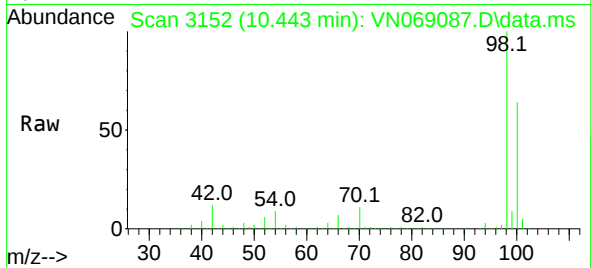




#50
Toluene-d8
Concen: 53.526 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069087.D
Acq: 21 Oct 2021 14:47

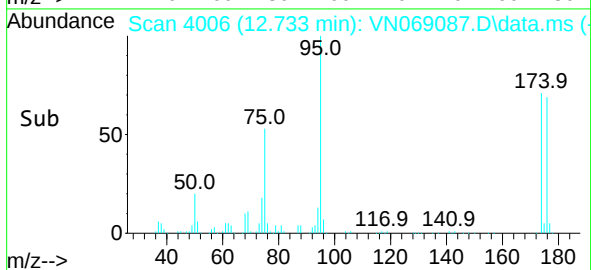
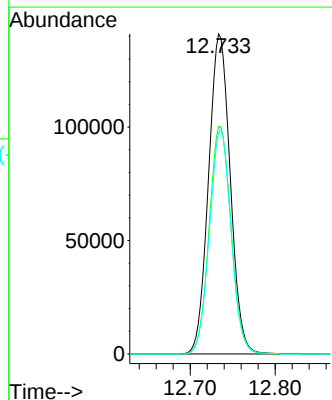
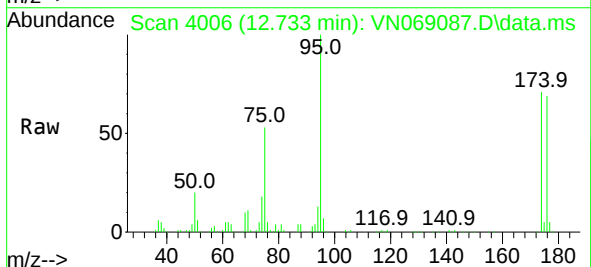
Instrument :
MSVOA_N
ClientSampled :

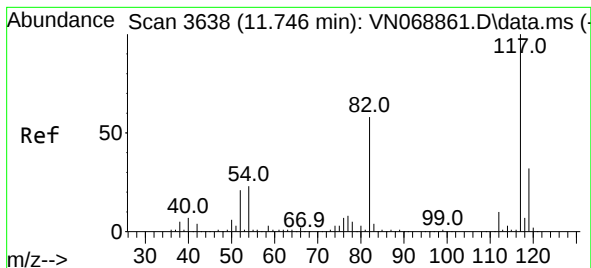
Tgt Ion: 98 Resp: 694540
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 51.086 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069087.D
Acq: 21 Oct 2021 14:47

Tgt Ion: 95 Resp: 250096
Ion Ratio Lower Upper
95 100
174 71.8 0.0 144.8
176 69.7 0.0 140.0

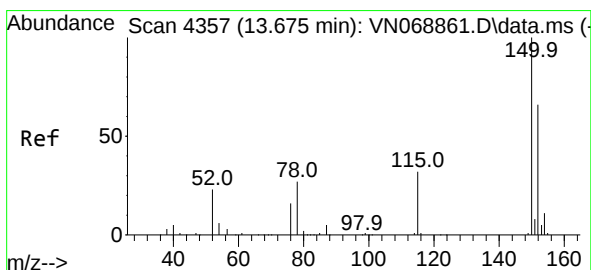
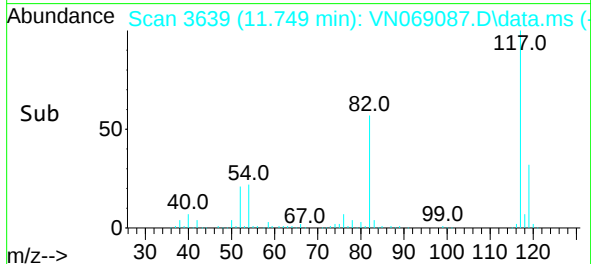
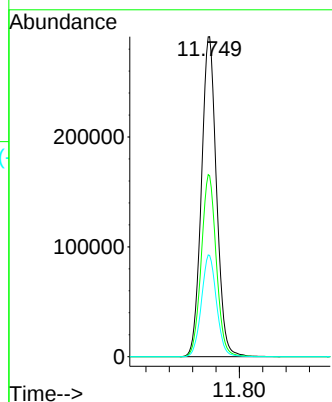
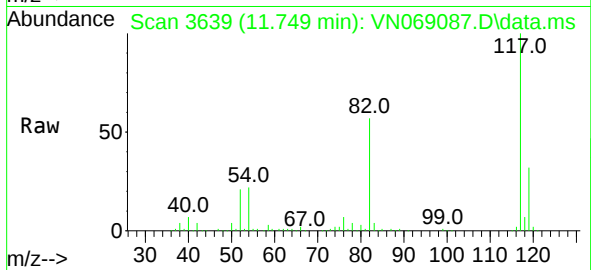




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN069087.D
Acq: 21 Oct 2021 14:47

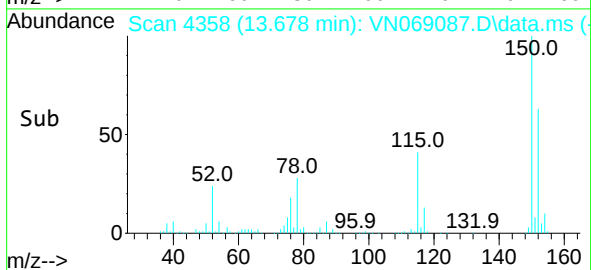
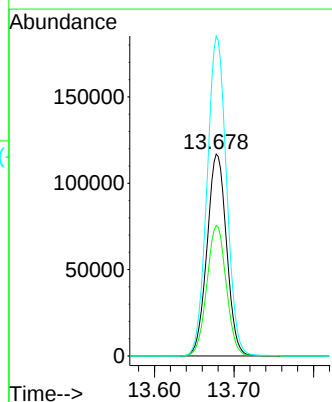
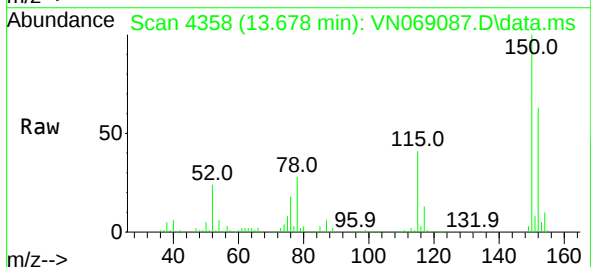
Instrument :
MSVOA_N
ClientSampleId :

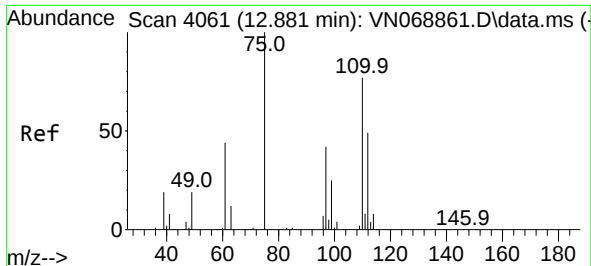
Tgt Ion:117 Resp: 522895
Ion Ratio Lower Upper
117 100
82 56.6 46.4 69.6
119 31.6 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069087.D
Acq: 21 Oct 2021 14:47

Tgt Ion:152 Resp: 199444
Ion Ratio Lower Upper
152 100
115 64.1 31.4 94.3
150 157.9 0.0 351.0

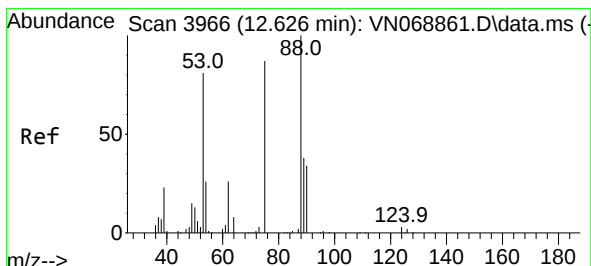
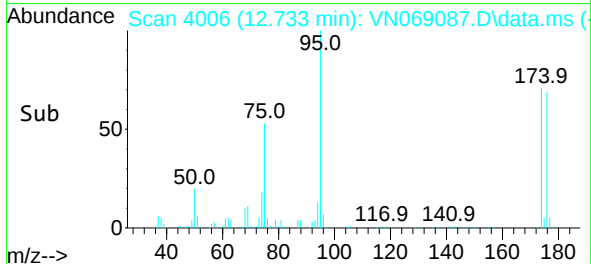
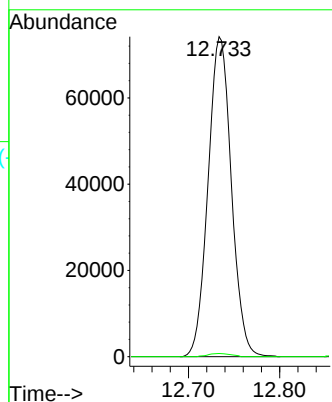
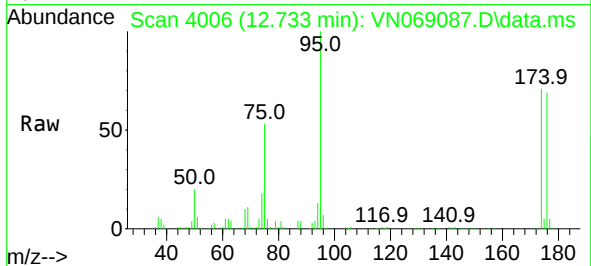




#76
1,2,3-Trichloropropane
Concen: 31.030 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN069087.D
Acq: 21 Oct 2021 14:47

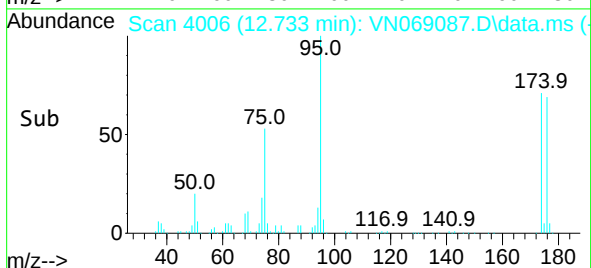
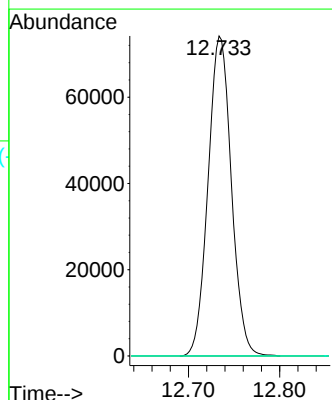
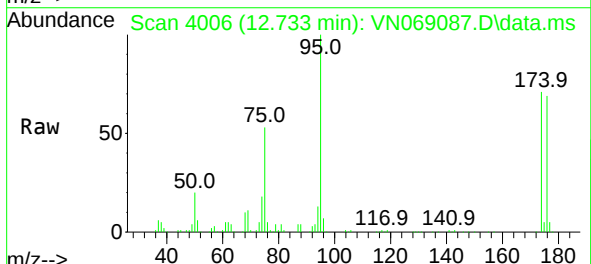
Instrument :
MSVOA_N
ClientSampled :

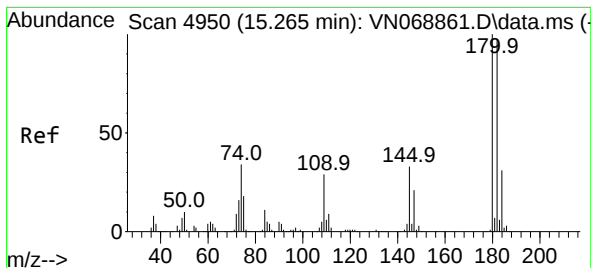
Tgt Ion: 75 Resp: 131677
Ion Ratio Lower Upper
75 100
77 1.0 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.236 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069087.D
Acq: 21 Oct 2021 14:47

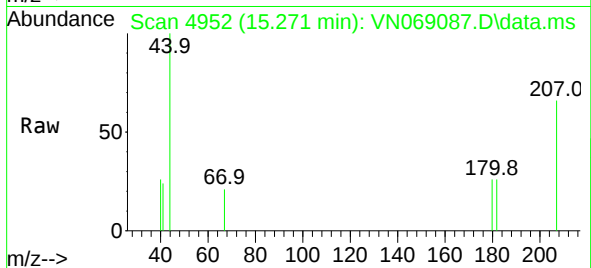
Tgt Ion: 75 Resp: 131677
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



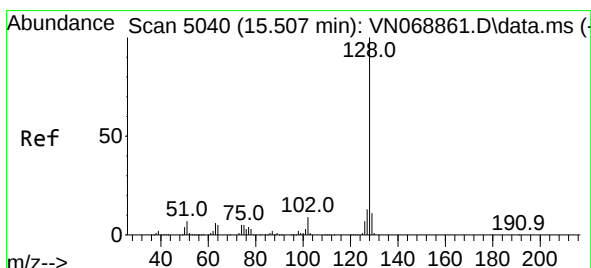
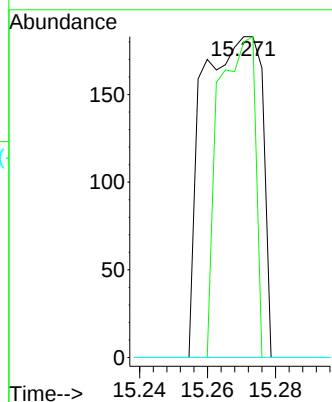
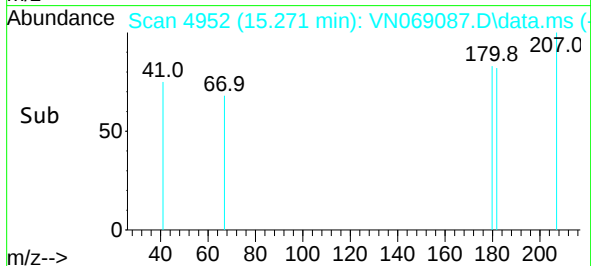


#93
1,2,4-Trichlorobenzene
Concen: 2.664 ug/l
RT: 15.271 min Scan# 4952
Delta R.T. 0.006 min
Lab File: VN069087.D
Acq: 21 Oct 2021 14:47

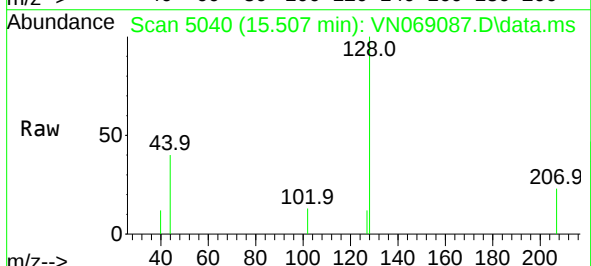
Instrument :
MSVOA_N
ClientSampled :



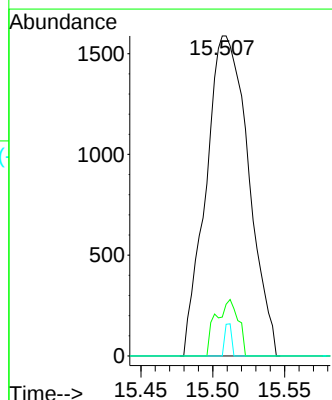
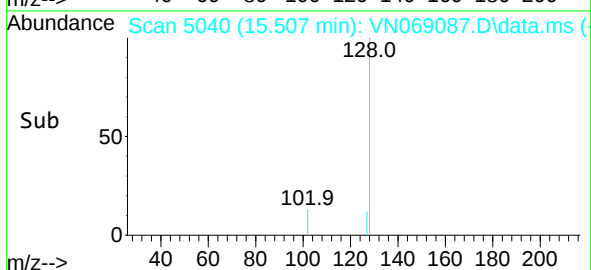
Tgt Ion:180 Resp: 220
Ion Ratio Lower Upper
180 100
182 61.8 47.9 143.7
145 0.0 16.4 49.2#

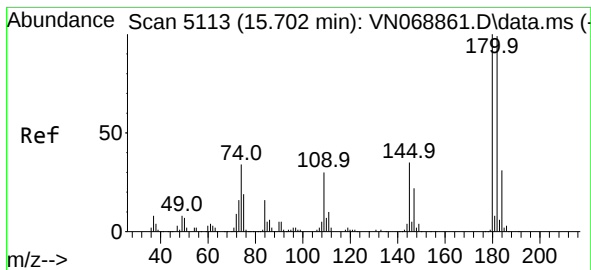


#95
Naphthalene
Concen: 4.137 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069087.D
Acq: 21 Oct 2021 14:47



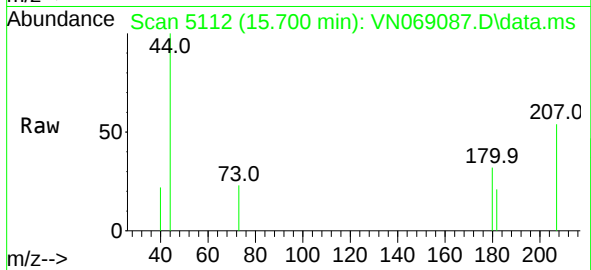
Tgt Ion:128 Resp: 3264
Ion Ratio Lower Upper
128 100
127 9.2 10.5 15.7#
129 1.6 8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.572 ug/l
 RT: 15.700 min Scan# 5112
 Delta R.T. -0.002 min
 Lab File: VN069087.D
 Acq: 21 Oct 2021 14:47

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 195
 Ion Ratio Lower Upper
 180 100
 182 76.4 48.1 144.3
 145 0.0 17.4 52.2#

