

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122322\
 Data File : VN075957.D
 Acq On : 23 Dec 2022 11:30
 Operator : JC\MD
 Sample : N6198-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-04-249-270-122222

Quant Time: Dec 26 04:29:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

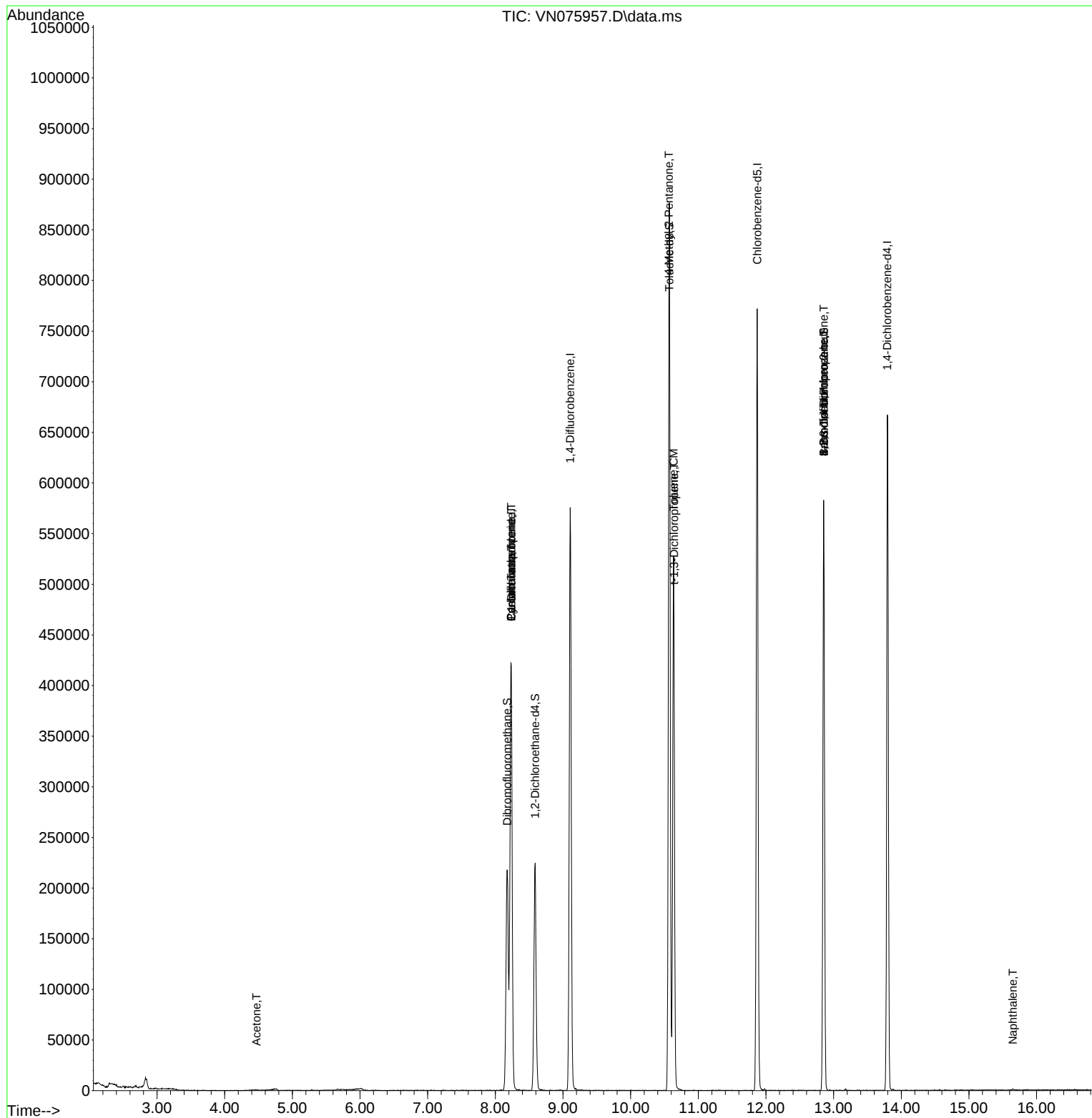
Internal Standards						
1) Pentafluorobenzene	8.235	168	332329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	523665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	467679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	188768	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	178660	49.416	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.840%		
35) Dibromofluoromethane	8.177	113	159998	49.337	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.680%		
50) Toluene-d8	10.570	98	615623	50.772	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.540%		
62) 4-Bromofluorobenzene	12.853	95	190692	47.483	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.960%		
Target Compounds					Qvalue	
16) Acetone	4.471	43	708	0.568	ug/l #	39
20) Methylene Chloride	5.265	84	102	Below Cal	#	12
31) Cyclohexane	8.235	56	6477	1.251	ug/l #	26
36) 1,1-Dichloropropene	8.235	75	24006	5.572	ug/l #	50
38) Carbon Tetrachloride	8.235	117	33430	6.933	ug/l #	16
51) 4-Methyl-2-Pentanone	10.565	43	2016	0.584	ug/l #	1
52) Toluene	10.635	92	240476	27.780	ug/l	100
53) t-1,3-Dichloropropene	10.641	75	2924	0.635	ug/l #	1
71) Bromoform	12.853	173	1593	0.616	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	96784	25.435	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	96784	91.554	ug/l #	12
95) Naphthalene	15.647	128	1343	2.303	ug/l #	75

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

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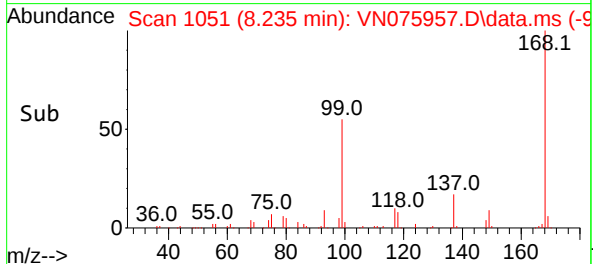
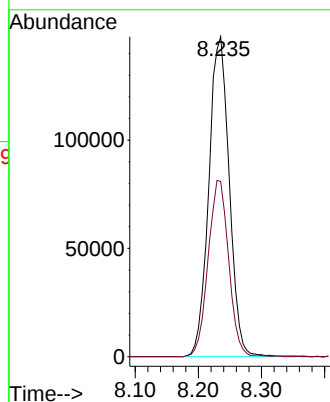
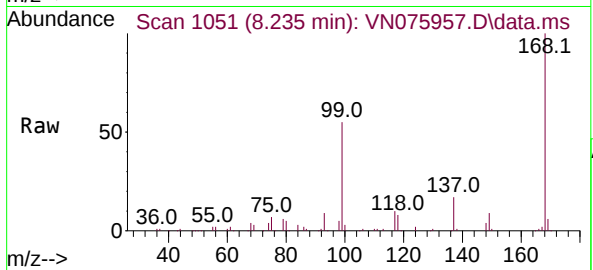




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. 0.005 min
Lab File: VN075957.D
Acq: 23 Dec 2022 11:30

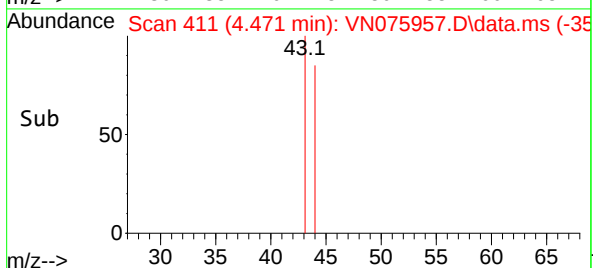
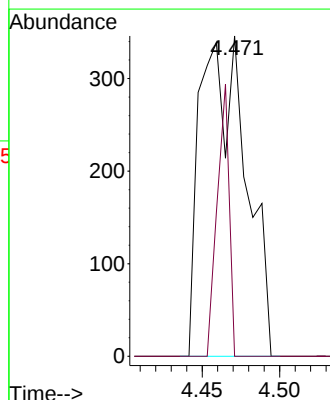
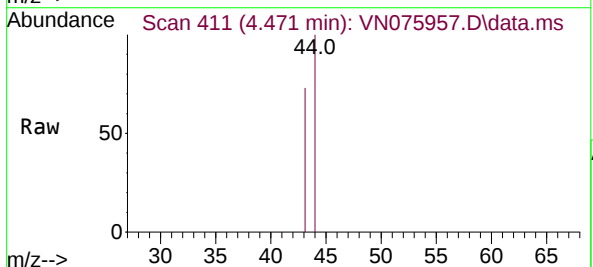
Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-249-270-122222

Tgt Ion:168 Resp: 332329
Ion Ratio Lower Upper
168 100
99 54.7 44.2 66.4



#16
Acetone
Concen: 0.568 ug/l
RT: 4.471 min Scan# 411
Delta R.T. 0.029 min
Lab File: VN075957.D
Acq: 23 Dec 2022 11:30

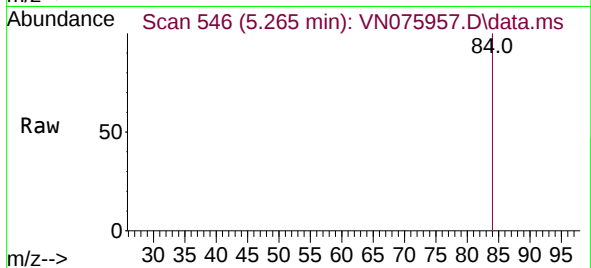
Tgt Ion: 43 Resp: 708
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#



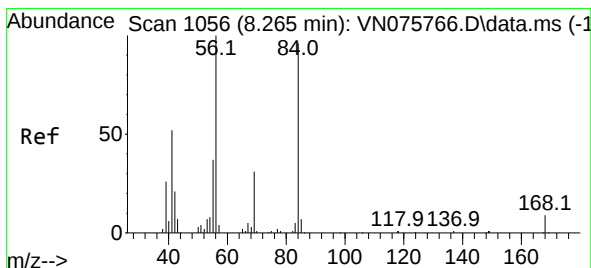
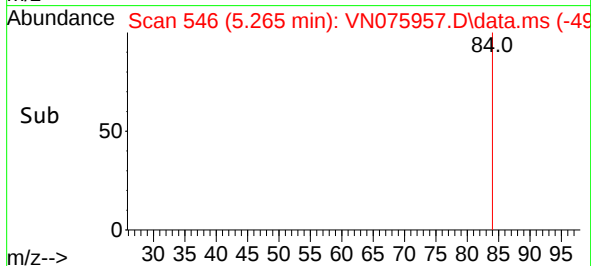
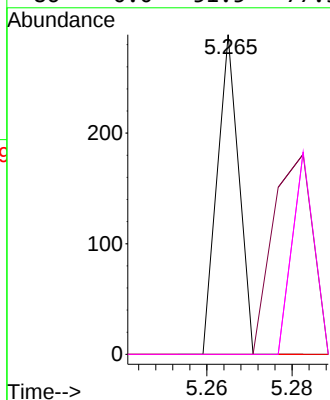


#20
Methylene Chloride
Concen: Below Cal
RT: 5.265 min Scan# 54
Delta R.T. -0.024 min
Lab File: VN075957.D
Acq: 23 Dec 2022 11:30

Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-249-270-122222

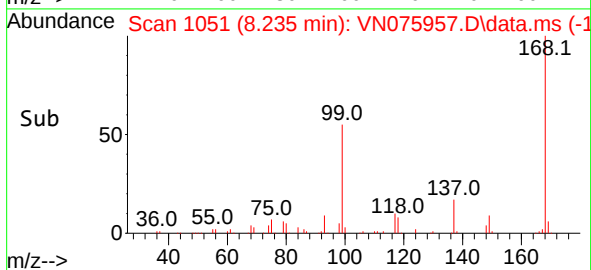
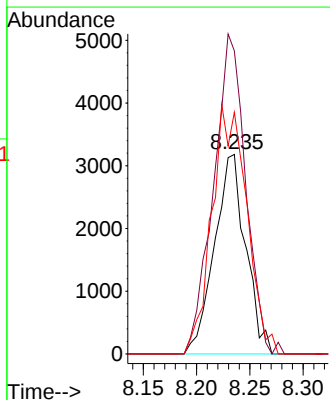
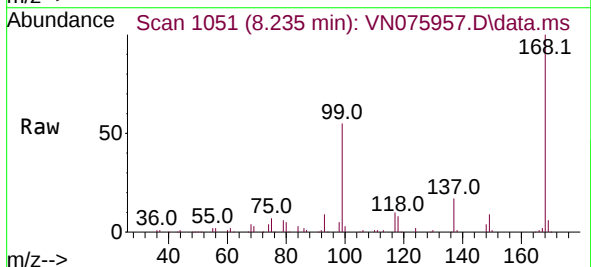


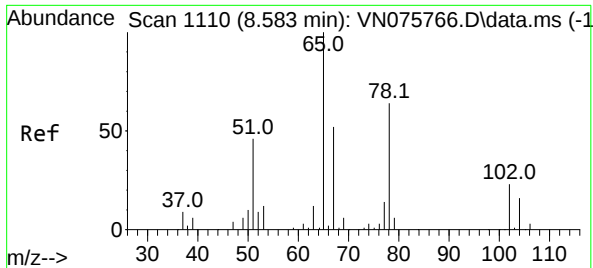
Tgt Ion: 84	Resp: 102
Ion Ratio	Lower Upper
84 100	
49 0.0	81.8 122.6#
51 0.0	26.7 40.1#
86 0.0	51.5 77.3#



#31
Cyclohexane
Concen: 1.251 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.030 min
Lab File: VN075957.D
Acq: 23 Dec 2022 11:30

Tgt Ion: 56	Resp: 6477
Ion Ratio	Lower Upper
56 100	
69 151.9	24.7 37.1#
84 121.1	76.5 114.7#





#33

1,2-Dichloroethane-d4

Concen: 49.416 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN075957.D

Acq: 23 Dec 2022 11:30

Instrument :

MSVOA_N

ClientSampleId :

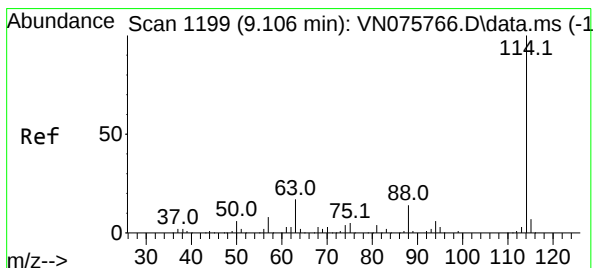
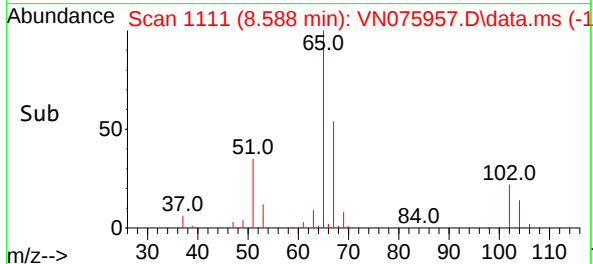
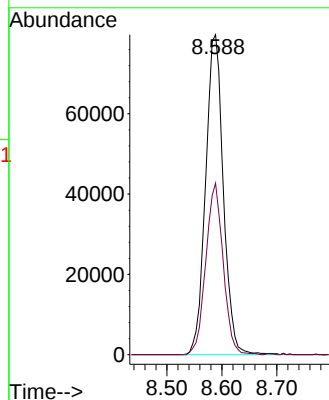
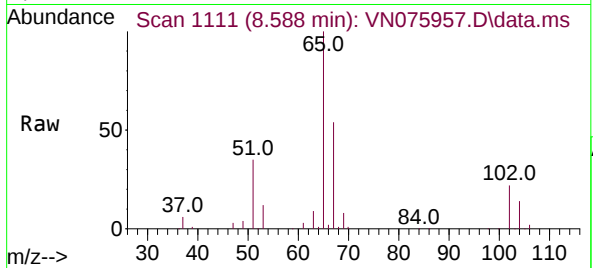
GWOW-BR-04-249-270-122222

Tgt Ion: 65 Resp: 178660

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075957.D

Acq: 23 Dec 2022 11:30

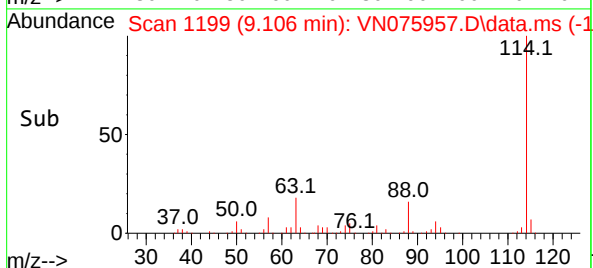
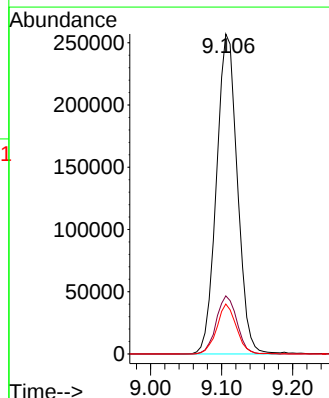
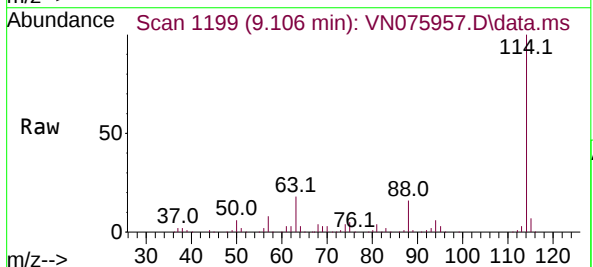
Tgt Ion: 114 Resp: 523665

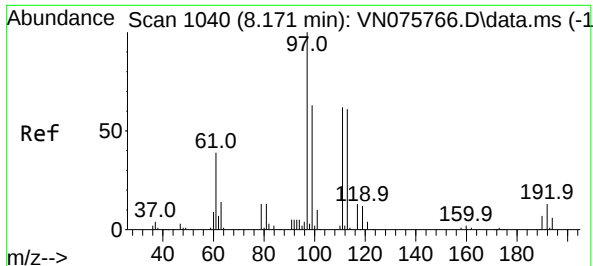
Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.4

88 15.6 0.0 28.8

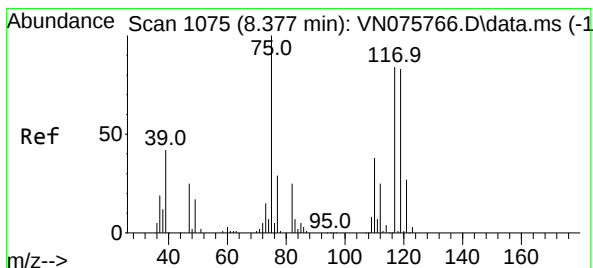
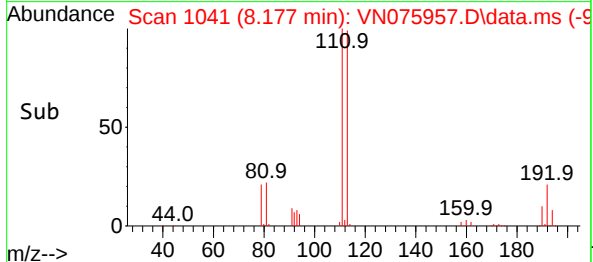
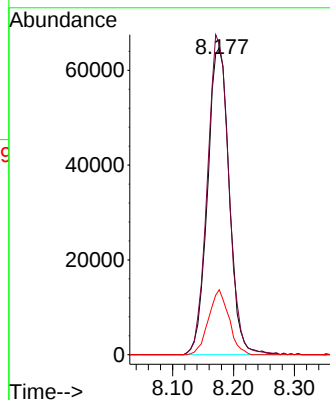
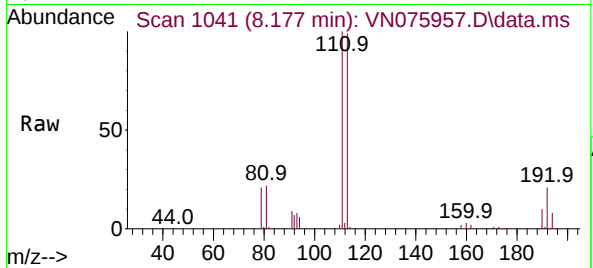




#35
Dibromofluoromethane
Concen: 49.337 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN075957.D
Acq: 23 Dec 2022 11:30

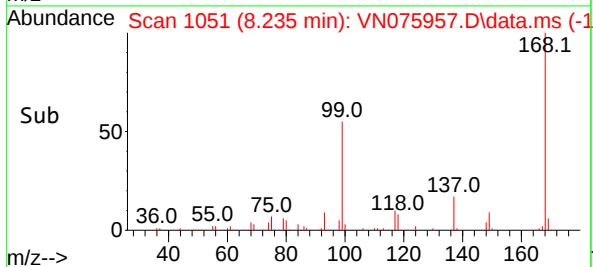
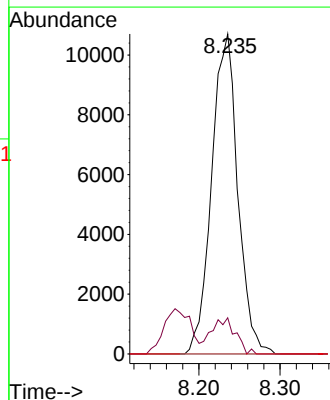
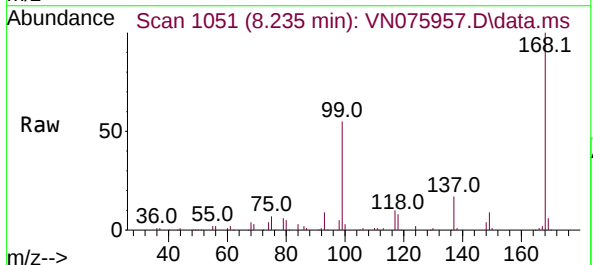
Instrument :
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GWOW-BR-04-249-270-122222

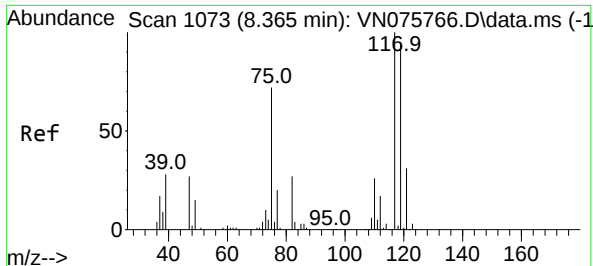
Tgt Ion:113 Resp: 159998
Ion Ratio Lower Upper
113 100
111 103.3 83.4 125.2
192 19.9 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.572 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.141 min
Lab File: VN075957.D
Acq: 23 Dec 2022 11:30

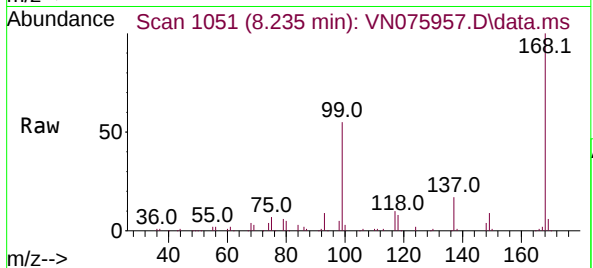
Tgt Ion: 75 Resp: 24006
Ion Ratio Lower Upper
75 100
110 10.6 18.8 56.4#
77 0.0 24.1 36.1#



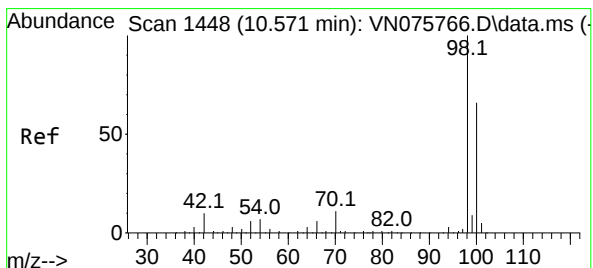
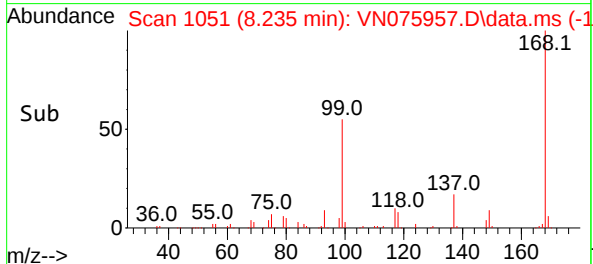
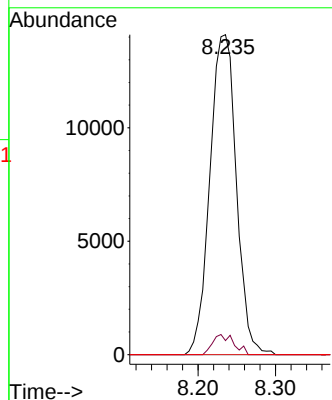


#38
Carbon Tetrachloride
Concen: 6.933 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.130 min
Lab File: VN075957.D
Acq: 23 Dec 2022 11:30

Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-249-270-122222

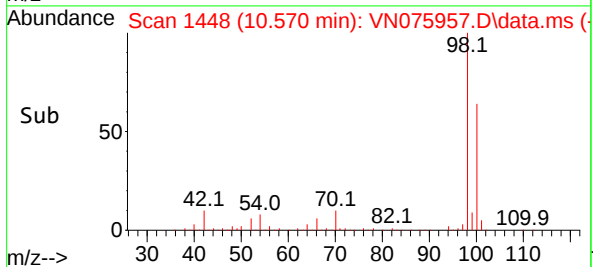
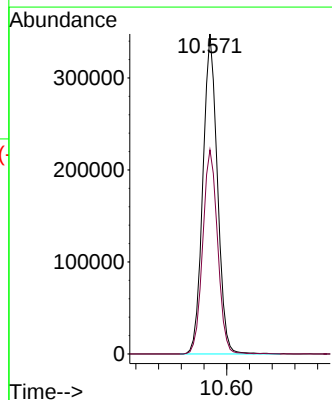
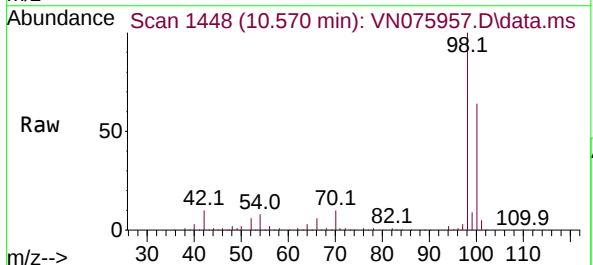


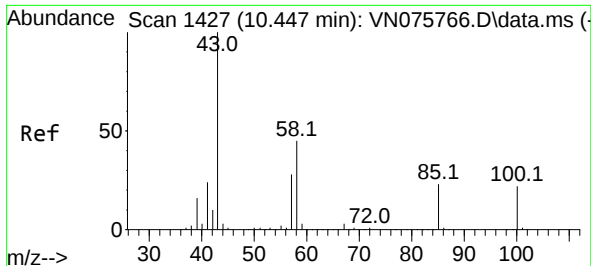
Tgt Ion:117 Resp: 33430
Ion Ratio Lower Upper
117 100
119 4.4 76.1 114.1#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 50.772 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075957.D
Acq: 23 Dec 2022 11:30

Tgt Ion: 98 Resp: 615623
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1

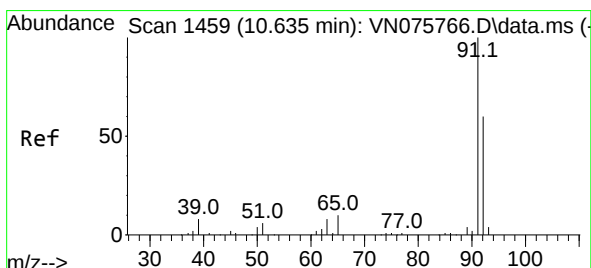
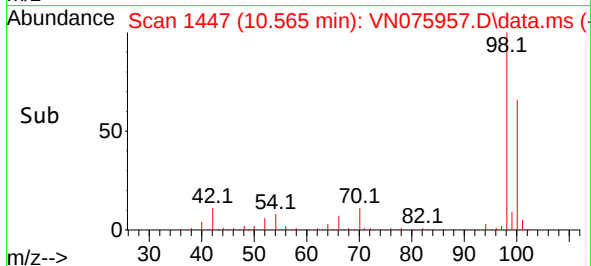
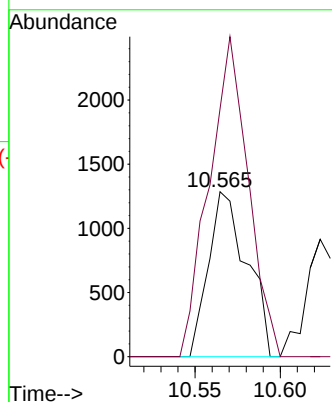
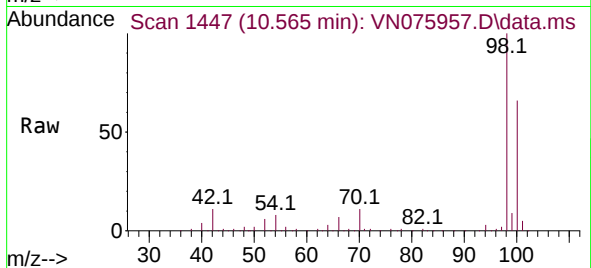




#51
4-Methyl-2-Pentanone
Concen: 0.584 ug/l
RT: 10.565 min Scan# 1427
Delta R.T. 0.118 min
Lab File: VN075957.D
Acq: 23 Dec 2022 11:30

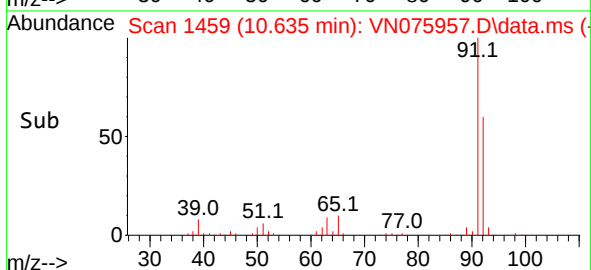
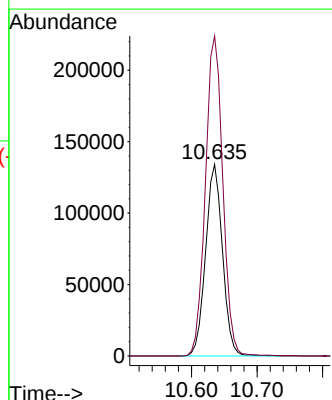
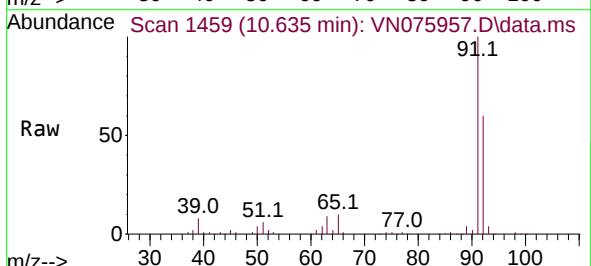
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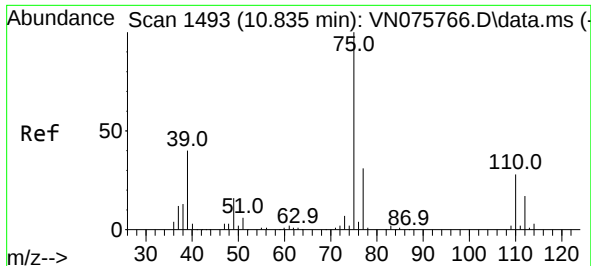
Tgt Ion: 43 Resp: 2016
Ion Ratio Lower Upper
43 100
58 197.7 35.5 53.3#



#52
Toluene
Concen: 27.780 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN075957.D
Acq: 23 Dec 2022 11:30

Tgt Ion: 92 Resp: 240476
Ion Ratio Lower Upper
92 100
91 172.2 137.3 205.9

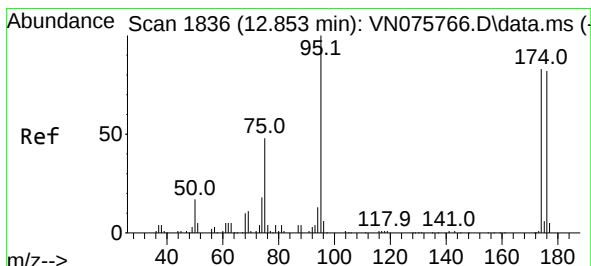
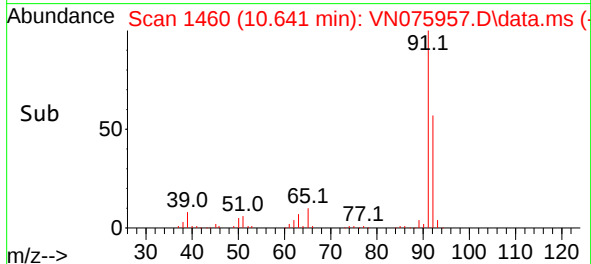
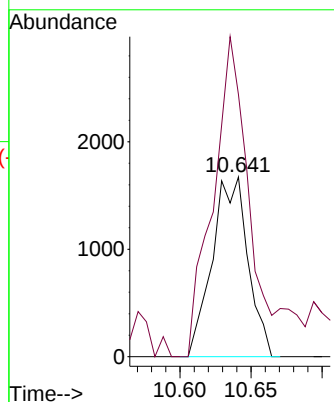
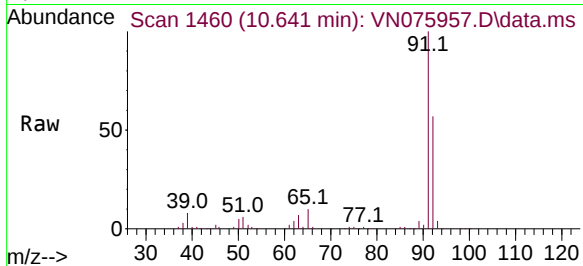




#53
t-1,3-Dichloropropene
Concen: 0.635 ug/l
RT: 10.641 min Scan# 1493
Delta R.T. -0.194 min
Lab File: VN075957.D
Acq: 23 Dec 2022 11:30

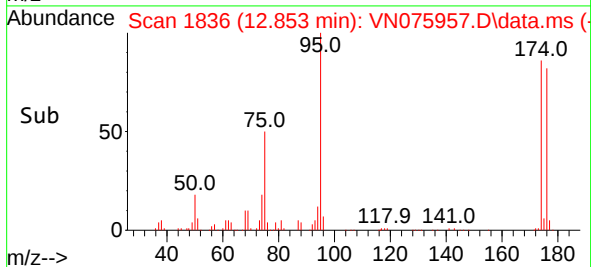
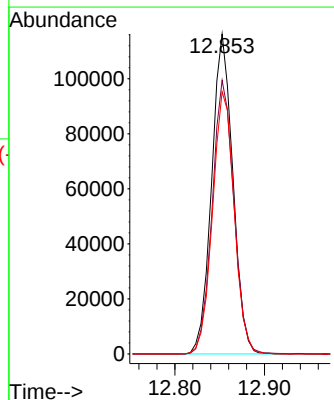
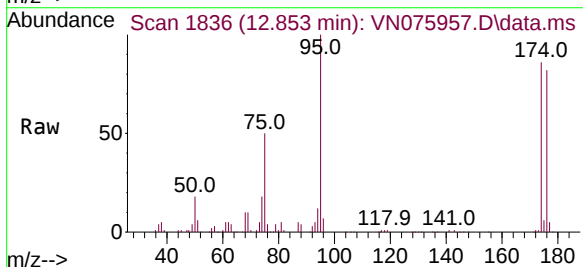
Instrument :
MSVOA_N
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GWOW-BR-04-249-270-122222

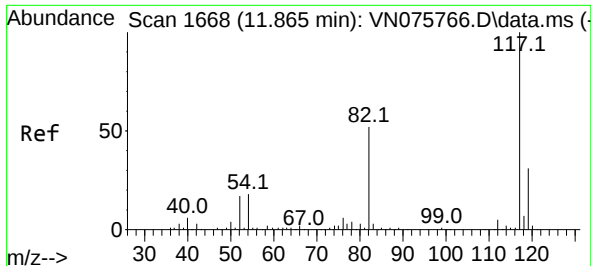
Tgt Ion: 75 Resp: 2924
Ion Ratio Lower Upper
75 100
77 145.9 24.9 37.3#



#62
4-Bromofluorobenzene
Concen: 47.483 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075957.D
Acq: 23 Dec 2022 11:30

Tgt Ion: 95 Resp: 190692
Ion Ratio Lower Upper
95 100
174 87.2 0.0 171.6
176 83.7 0.0 169.2

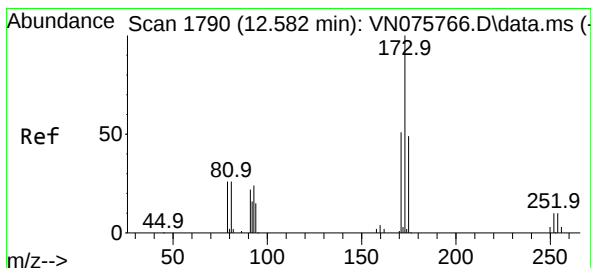
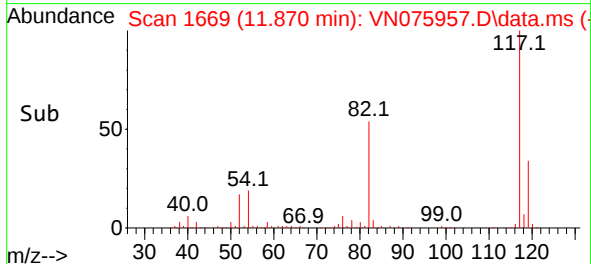
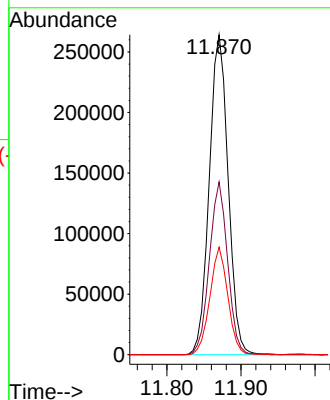
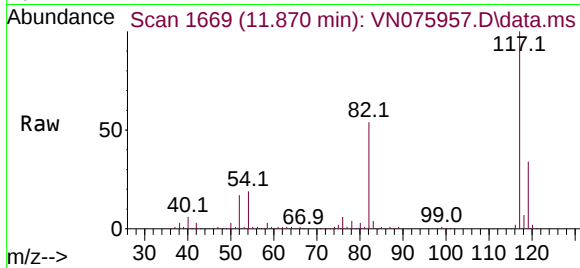




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN075957.D
Acq: 23 Dec 2022 11:30

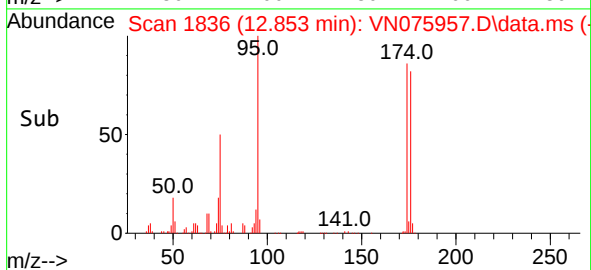
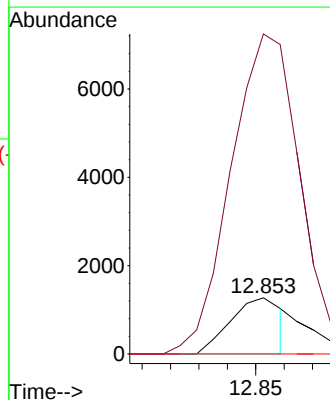
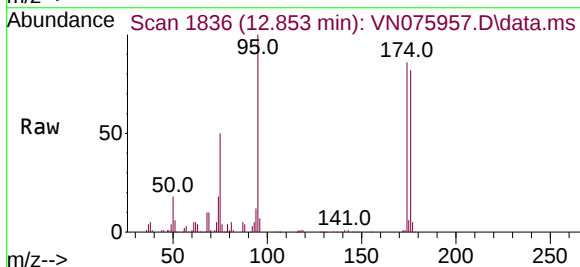
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-249-270-122222

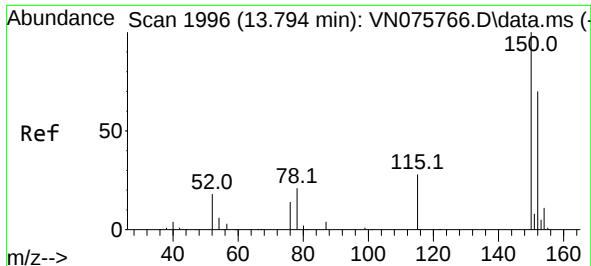
Tgt Ion:117 Resp: 467679
Ion Ratio Lower Upper
117 100
82 54.0 41.3 61.9
119 33.6 24.6 37.0



#71
Bromoform
Concen: 0.616 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.270 min
Lab File: VN075957.D
Acq: 23 Dec 2022 11:30

Tgt Ion:173 Resp: 1593
Ion Ratio Lower Upper
173 100
175 598.1 24.3 72.8#
254 0.0 0.0 0.0

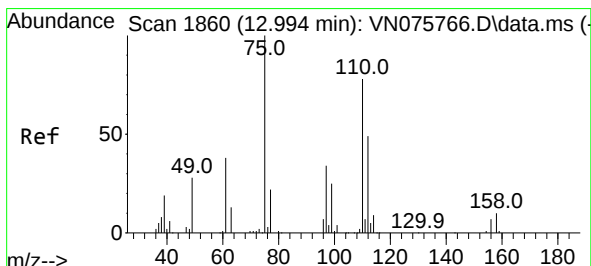
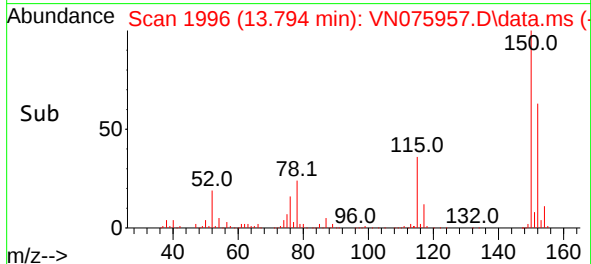
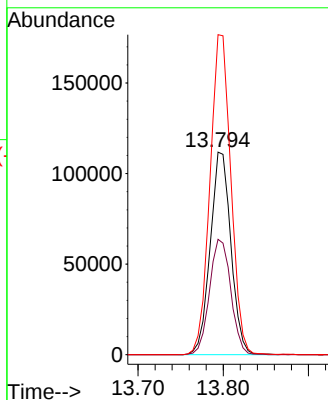
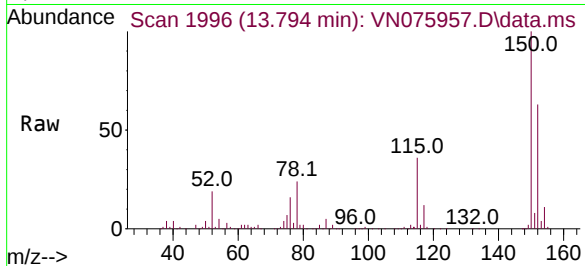




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075957.D
 Acq: 23 Dec 2022 11:30

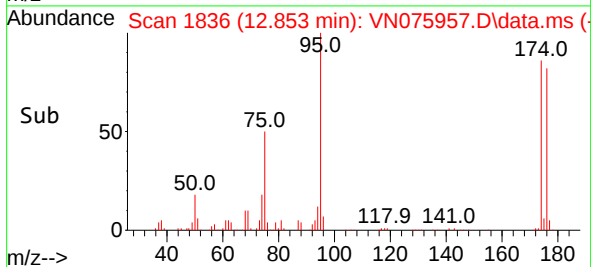
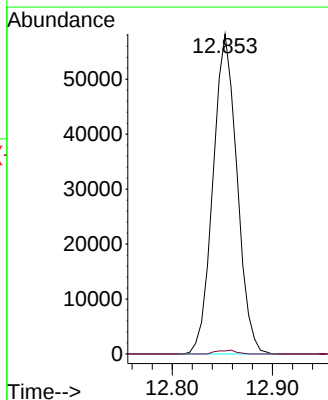
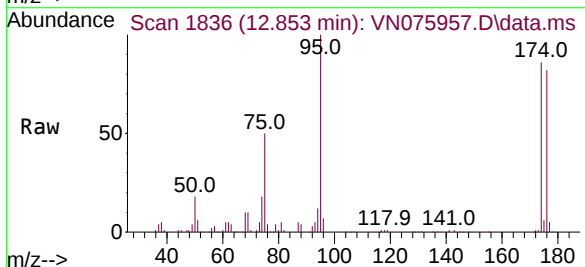
Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-04-249-270-122222

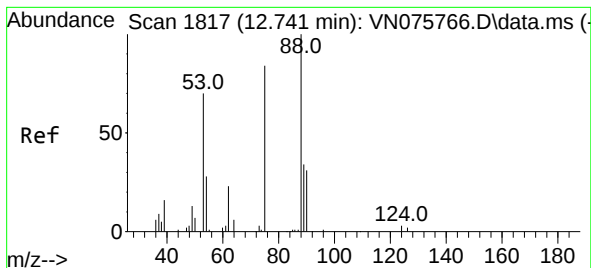
Tgt Ion:152 Resp: 188768
 Ion Ratio Lower Upper
 152 100
 115 58.5 29.1 87.4
 150 159.6 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 25.435 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN075957.D
 Acq: 23 Dec 2022 11:30

Tgt Ion: 75 Resp: 96784
 Ion Ratio Lower Upper
 75 100
 77 1.0 82.6 247.8#

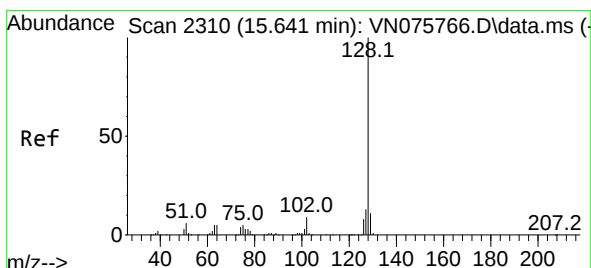
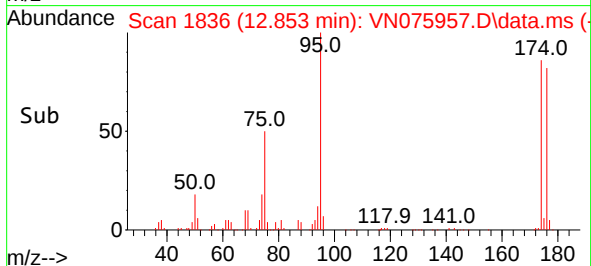
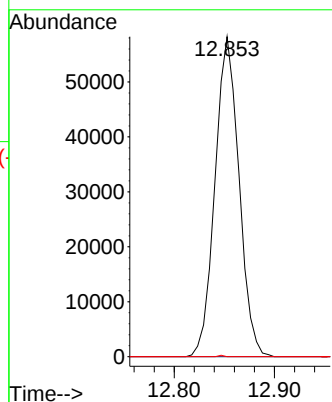
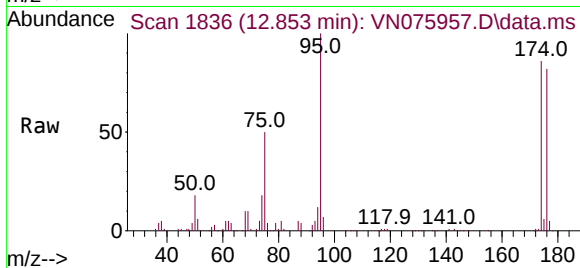




#81
trans-1,4-Dichloro-2-butene
Concen: 91.554 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075957.D
Acq: 23 Dec 2022 11:30

Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-249-270-122222

Tgt Ion: 75 Resp: 96784
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.1 39.5 59.3#



#95
Naphthalene
Concen: 2.303 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075957.D
Acq: 23 Dec 2022 11:30

Tgt Ion:128 Resp: 1343
Ion Ratio Lower Upper
128 100
127 4.0 10.4 15.6#
129 0.0 8.7 13.1#

