

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN12222\
 Data File : VN075944.D
 Acq On : 22 Dec 2022 14:51
 Operator : JC\MD
 Sample : N6182-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-04-223-244-122122

Quant Time: Dec 23 04:02:43 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)

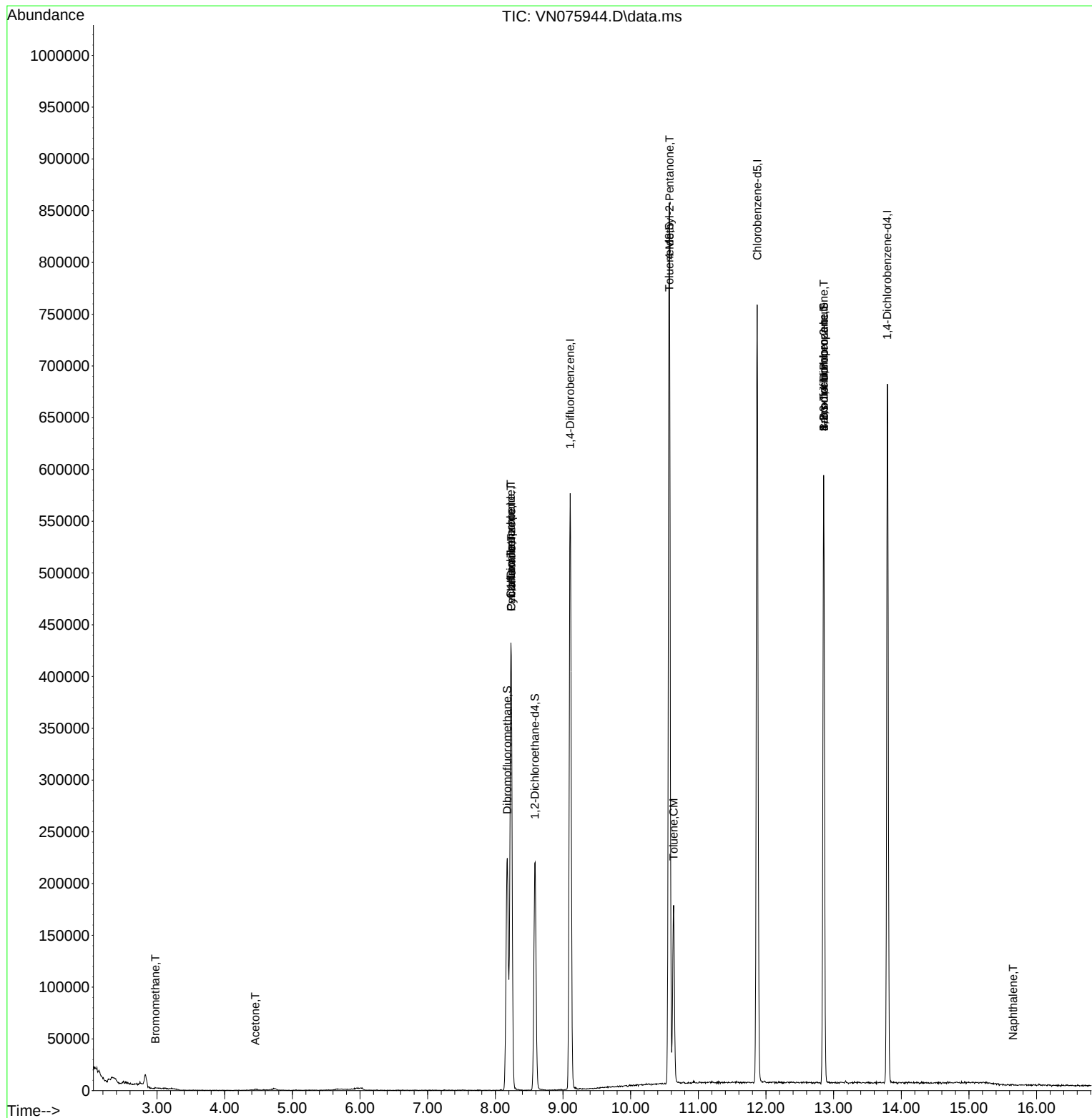
Internal Standards						
1) Pentafluorobenzene	8.236	168	339367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	538279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	466978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	191719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	179582	48.641	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.280%		
35) Dibromofluoromethane	8.177	113	161798	48.537	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.080%		
50) Toluene-d8	10.571	98	613255	49.204	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.400%		
62) 4-Bromofluorobenzene	12.853	95	189591	45.927	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.860%		
Target Compounds						Qvalue
5) Bromomethane	2.977	94	636	0.209	ug/l	93
16) Acetone	4.454	43	557	0.438	ug/l #	87
20) Methylene Chloride	5.301	84	122	Below Cal	#	12
31) Cyclohexane	8.236	56	6462	1.222	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	23533	5.314	ug/l #	50
38) Carbon Tetrachloride	8.230	117	33157	6.690	ug/l #	15
51) 4-Methyl-2-Pentanone	10.577	43	2102	0.592	ug/l #	1
52) Toluene	10.636	92	77796	8.743	ug/l	99
71) Bromoform	12.853	173	1249	0.483	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	97921	25.338	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	97921	91.204	ug/l #	12
95) Naphthalene	15.653	128	991	2.268	ug/l #	69

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

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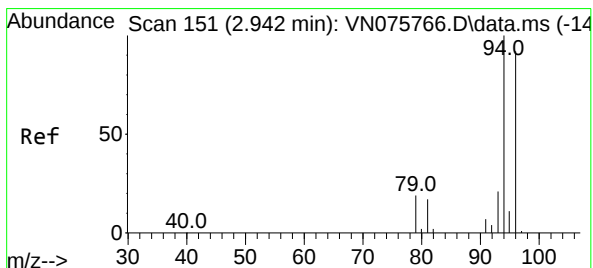
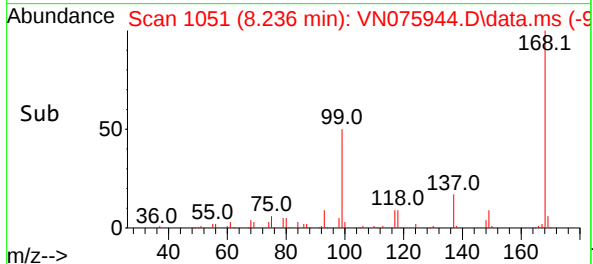
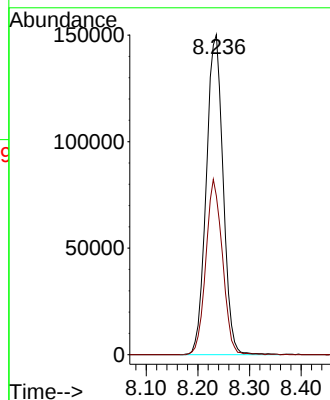
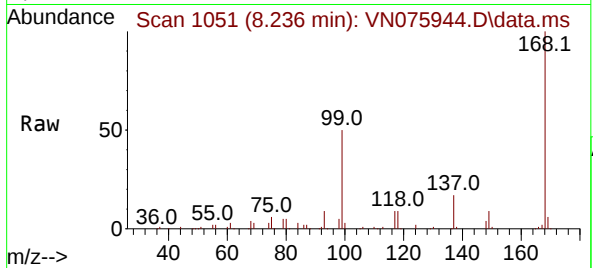




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN075944.D
Acq: 22 Dec 2022 14:51

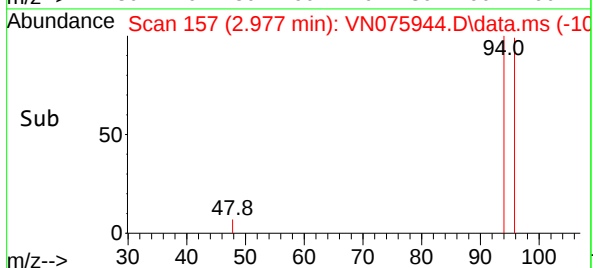
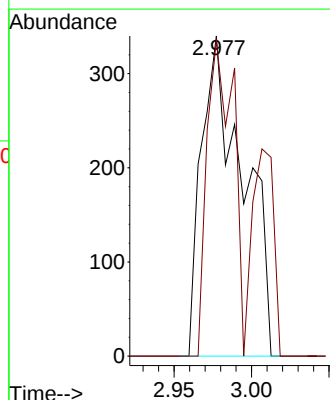
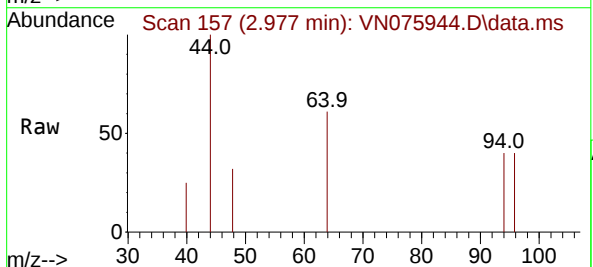
Instrument :
MSVOA_N
ClientSampleId :
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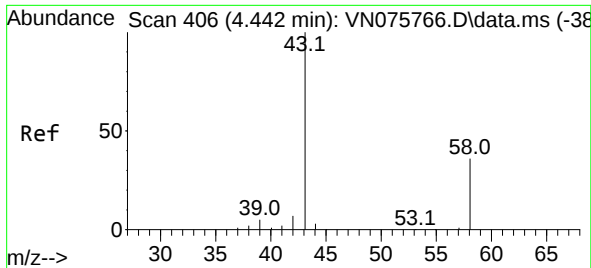
Tgt Ion:168 Resp: 339367
Ion Ratio Lower Upper
168 100
99 49.6 44.2 66.4



#5
Bromomethane
Concen: 0.209 ug/l
RT: 2.977 min Scan# 157
Delta R.T. 0.036 min
Lab File: VN075944.D
Acq: 22 Dec 2022 14:51

Tgt Ion: 94 Resp: 636
Ion Ratio Lower Upper
94 100
96 98.5 73.8 110.6

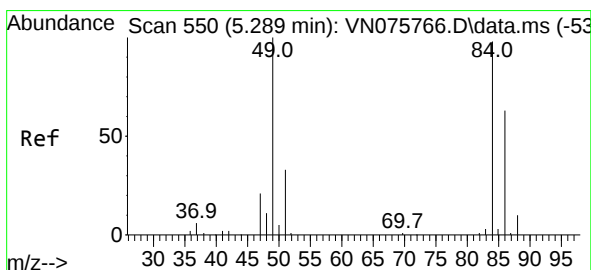
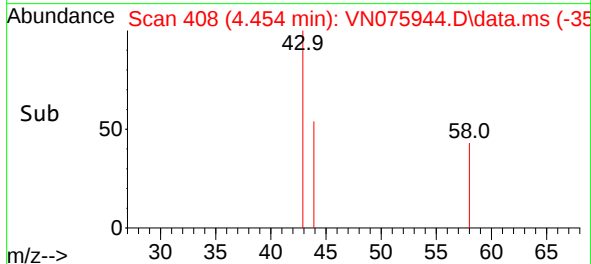
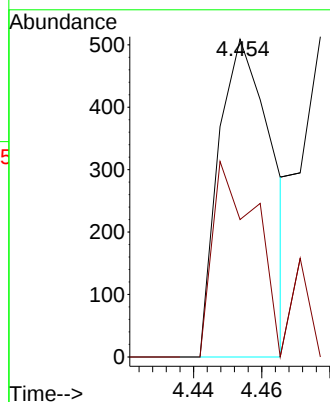
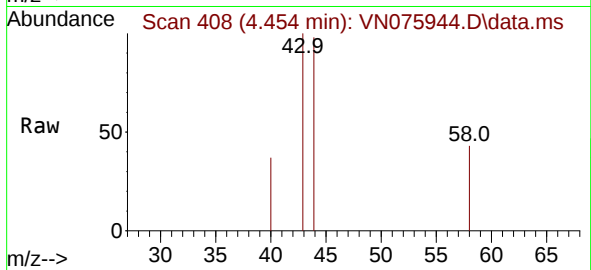




#16
Acetone
Concen: 0.438 ug/l
RT: 4.454 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN075944.D
Acq: 22 Dec 2022 14:51

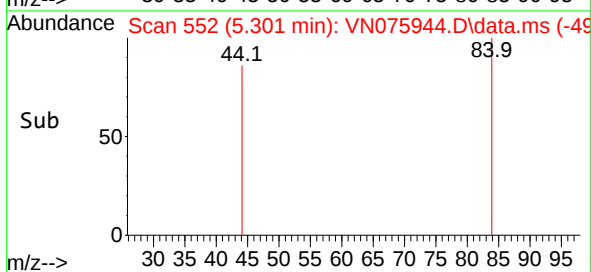
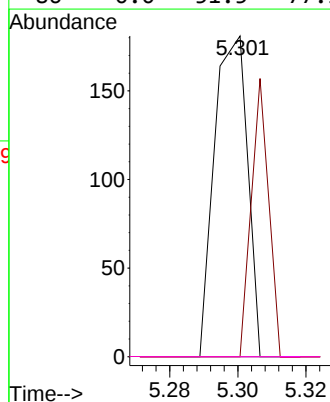
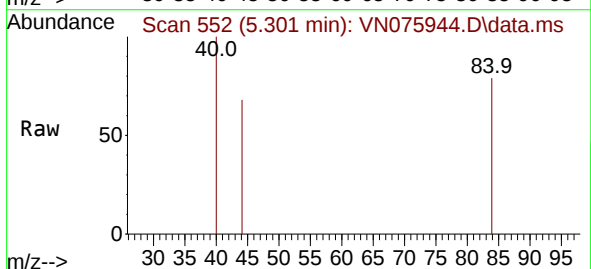
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-223-244-122122

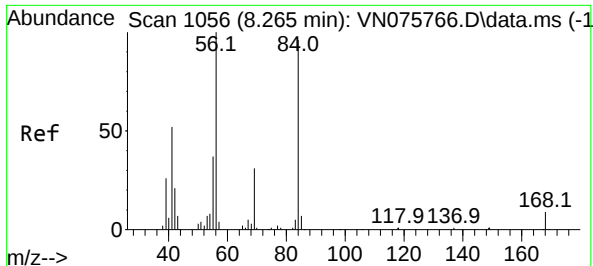
Tgt Ion: 43 Resp: 557
Ion Ratio Lower Upper
43 100
58 43.2 28.6 43.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.301 min Scan# 552
Delta R.T. 0.012 min
Lab File: VN075944.D
Acq: 22 Dec 2022 14:51

Tgt Ion: 84 Resp: 122
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: 1.222 ug/l

RT: 8.236 min Scan# 1105

Delta R.T. -0.029 min

Lab File: VN075944.D

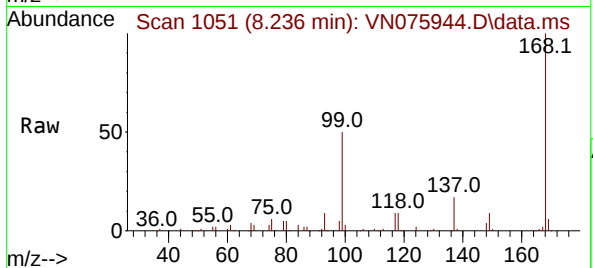
Acq: 22 Dec 2022 14:51

Instrument :

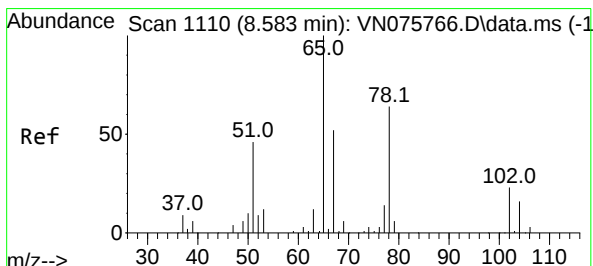
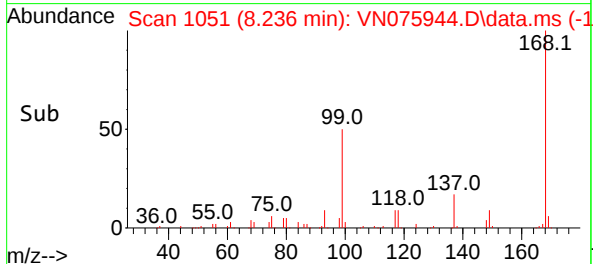
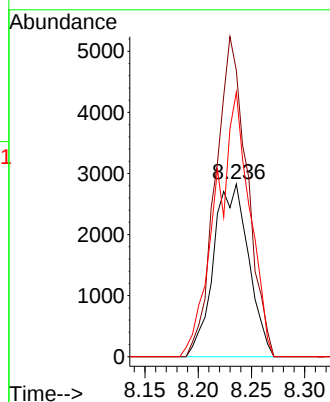
MSVOA_N

ClientSampleId :

GWOW-BR-04-223-244-122122



Tgt Ion:	56	Resp:	6462
Ion Ratio	Lower	Upper	
56	100		
69	165.8	24.7	37.1#
84	153.4	76.5	114.7#



#33

1,2-Dichloroethane-d4

Concen: 48.641 ug/l

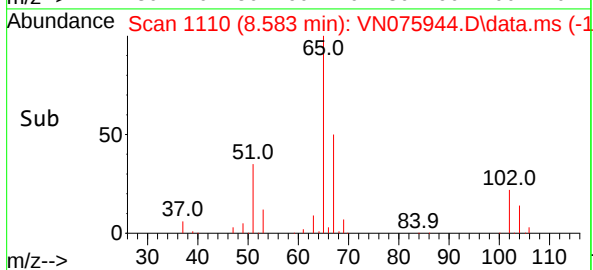
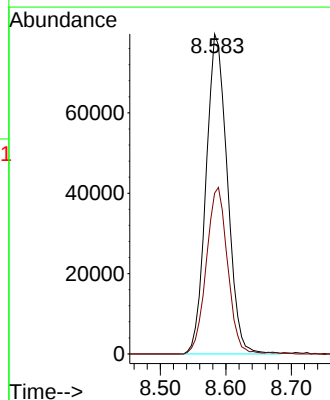
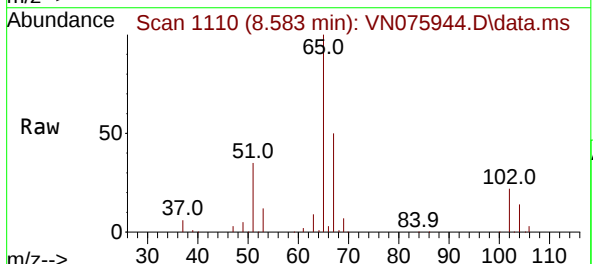
RT: 8.583 min Scan# 1110

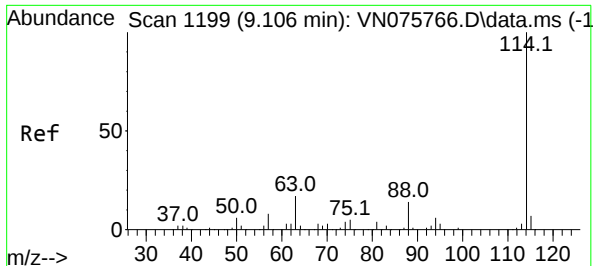
Delta R.T. 0.000 min

Lab File: VN075944.D

Acq: 22 Dec 2022 14:51

Tgt Ion:	65	Resp:	179582
Ion Ratio	Lower	Upper	
65	100		
67	52.0	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: VN075944.D

Acq: 22 Dec 2022 14:51

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-04-223-244-122122

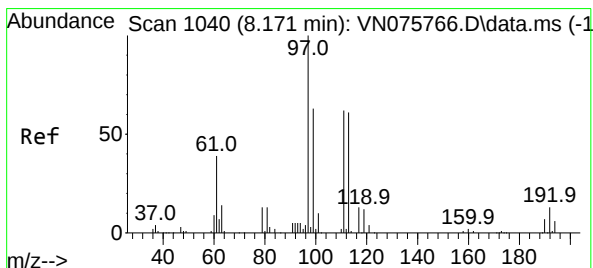
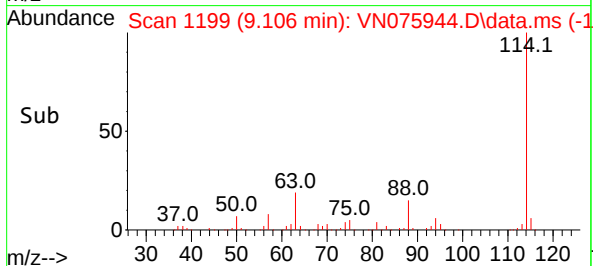
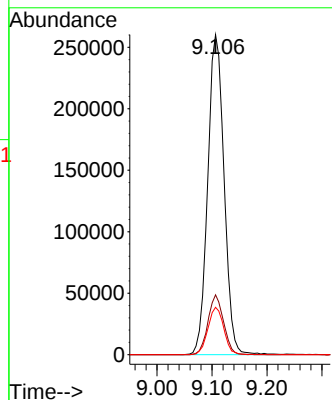
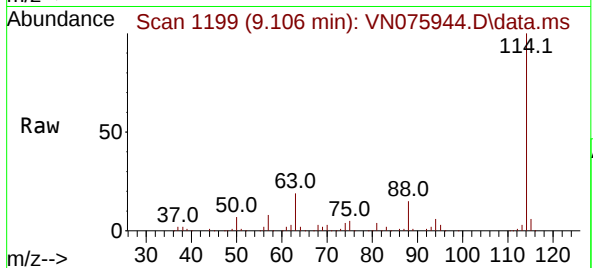
Tgt Ion:114 Resp: 538279

Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.4

88 14.8 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.537 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075944.D

Acq: 22 Dec 2022 14:51

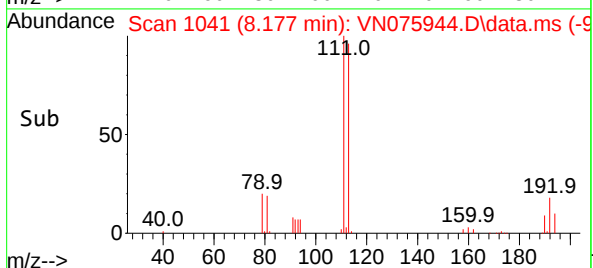
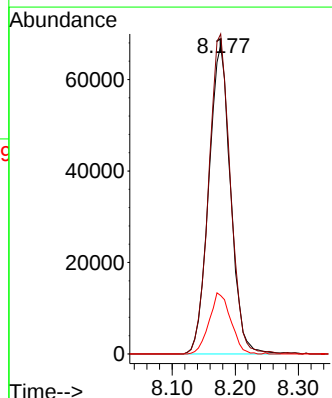
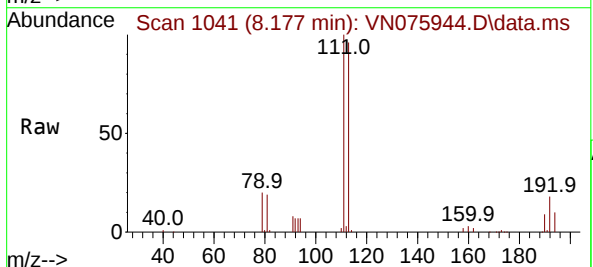
Tgt Ion:113 Resp: 161798

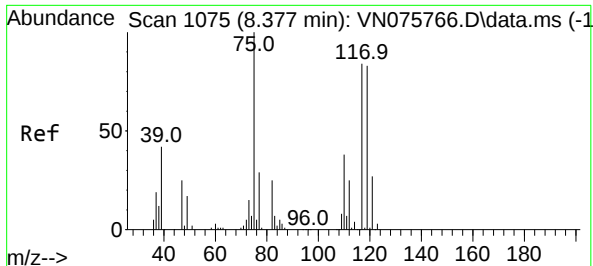
Ion Ratio Lower Upper

113 100

111 102.7 83.4 125.2

192 19.6 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.314 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN075944.D

Acq: 22 Dec 2022 14:51

Instrument :

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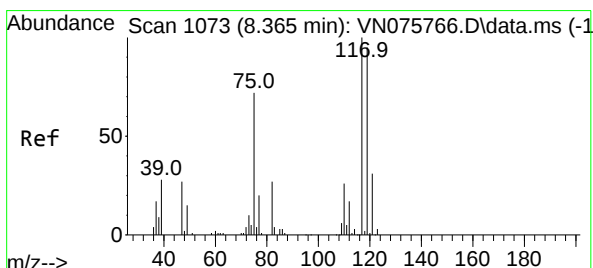
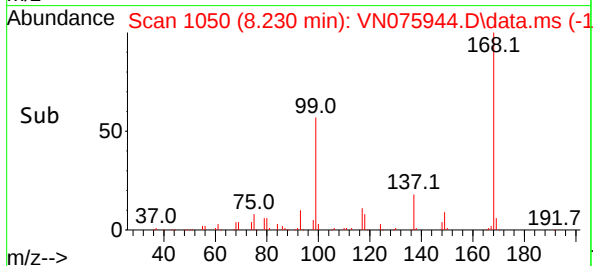
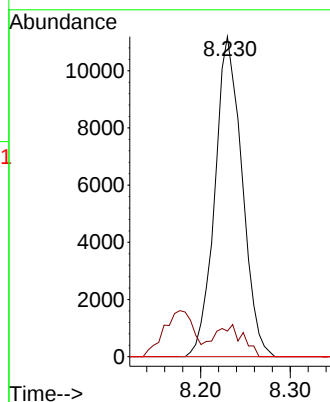
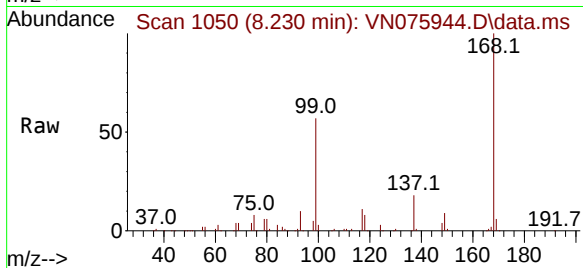
Tgt Ion: 75 Resp: 23533

Ion Ratio Lower Upper

75 100

110 9.9 18.8 56.4#

77 0.0 24.1 36.1#



#38

Carbon Tetrachloride

Concen: 6.690 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN075944.D

Acq: 22 Dec 2022 14:51

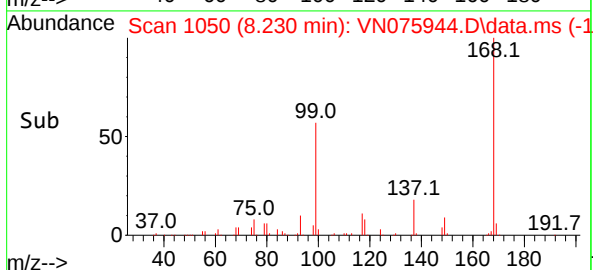
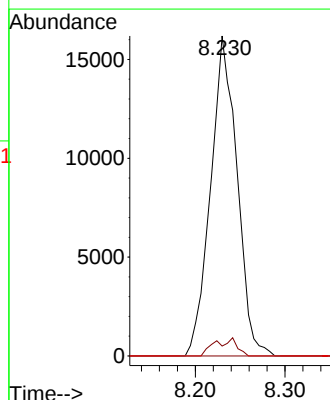
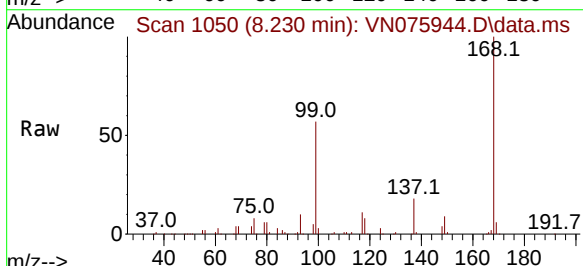
Tgt Ion: 117 Resp: 33157

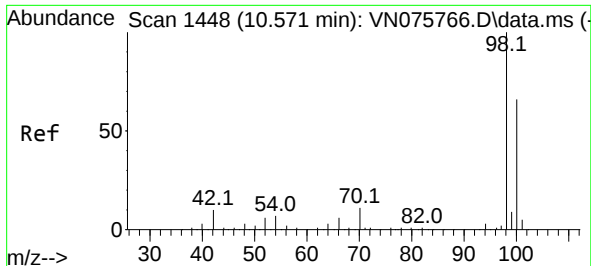
Ion Ratio Lower Upper

117 100

119 3.1 76.1 114.1#

121 0.0 24.5 36.7#

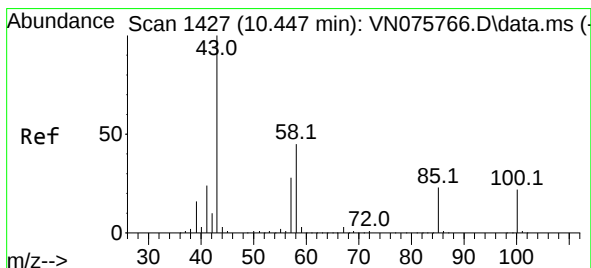
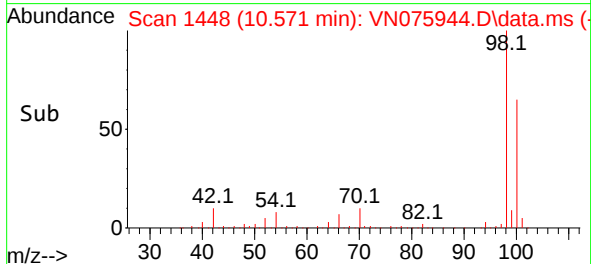
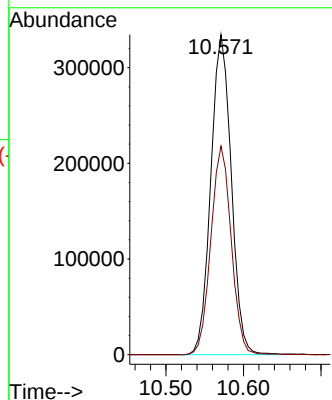
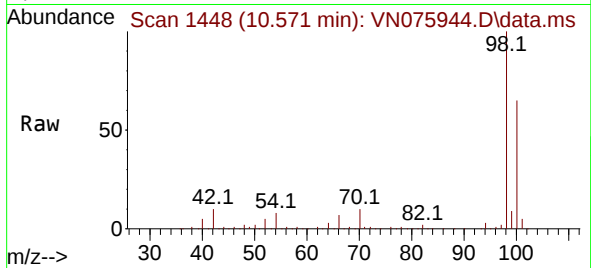




#50
Toluene-d8
Concen: 49.204 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075944.D
Acq: 22 Dec 2022 14:51

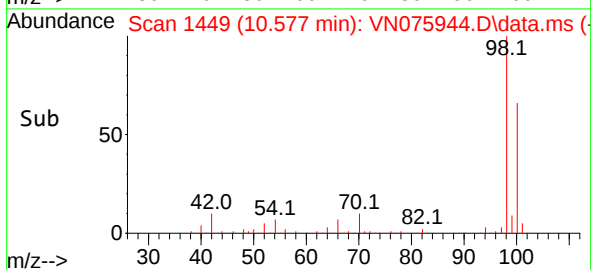
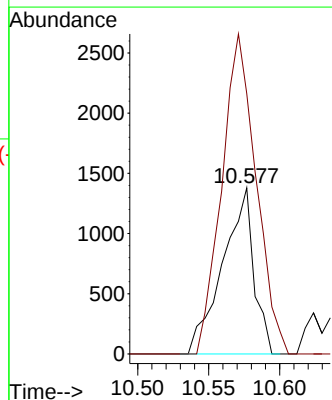
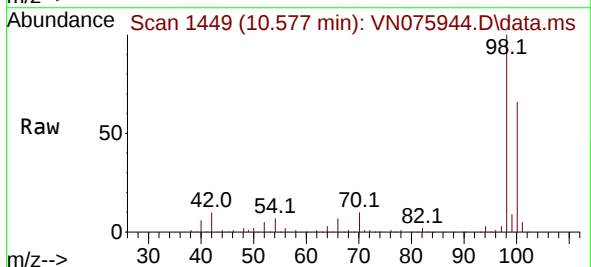
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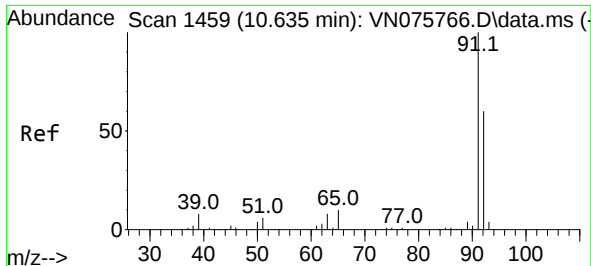
Tgt Ion: 98 Resp: 613255
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.592 ug/l
RT: 10.577 min Scan# 1449
Delta R.T. 0.130 min
Lab File: VN075944.D
Acq: 22 Dec 2022 14:51

Tgt Ion: 43 Resp: 2102
Ion Ratio Lower Upper
43 100
58 212.6 35.5 53.3#

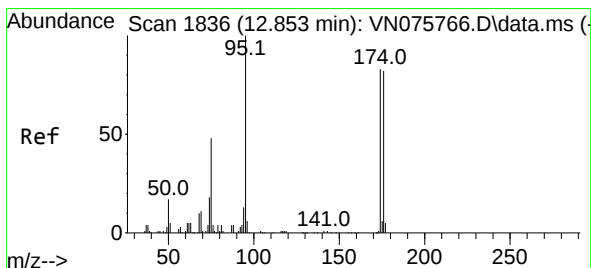
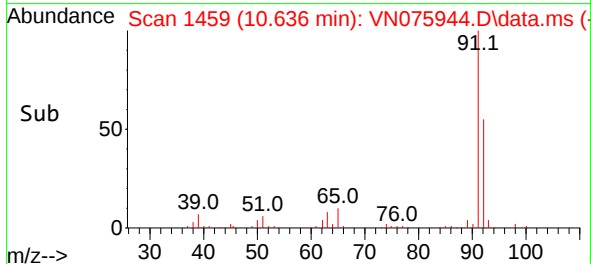
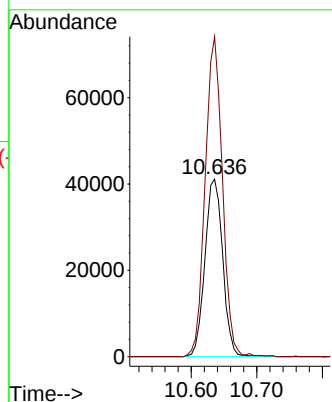
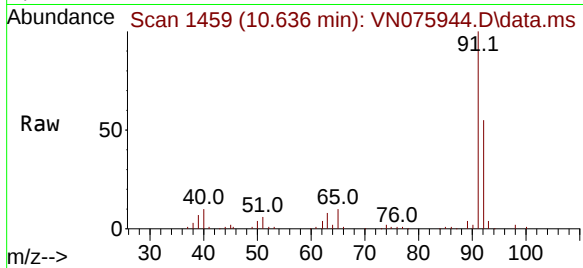




#52
Toluene
Concen: 8.743 ug/l
RT: 10.636 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075944.D
Acq: 22 Dec 2022 14:51

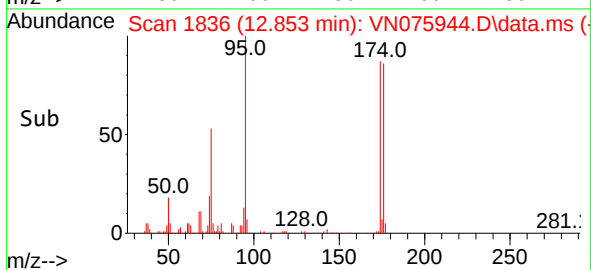
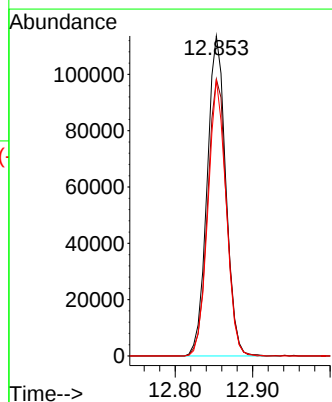
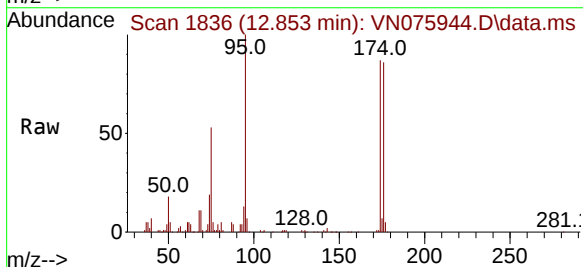
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-223-244-122122

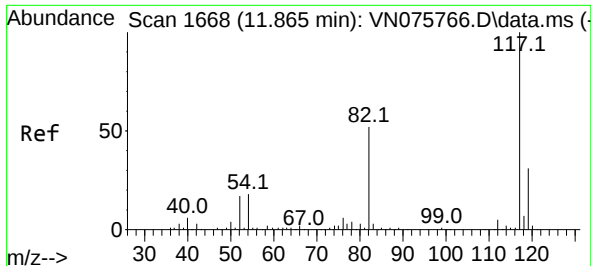
Tgt Ion: 92 Resp: 77796
Ion Ratio Lower Upper
92 100
91 173.5 137.3 205.9



#62
4-Bromofluorobenzene
Concen: 45.927 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075944.D
Acq: 22 Dec 2022 14:51

Tgt Ion: 95 Resp: 189591
Ion Ratio Lower Upper
95 100
174 87.9 0.0 171.6
176 83.6 0.0 169.2

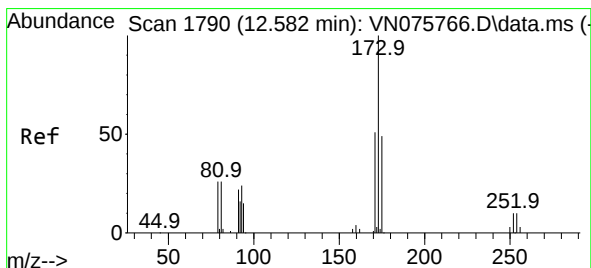
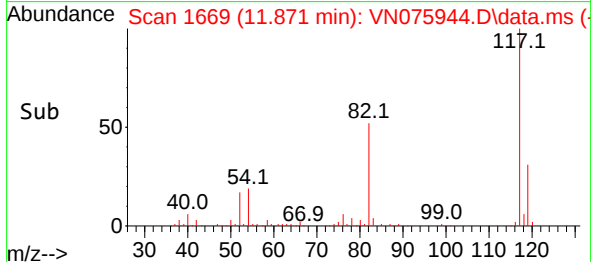
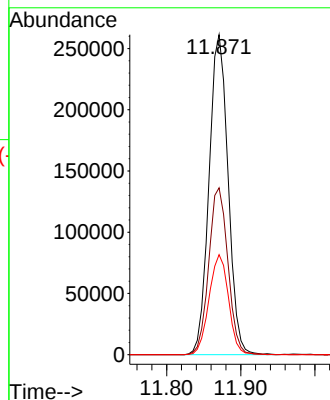
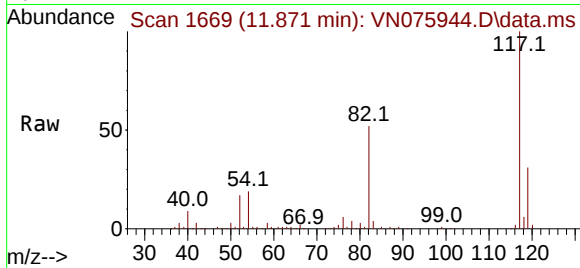




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075944.D
Acq: 22 Dec 2022 14:51

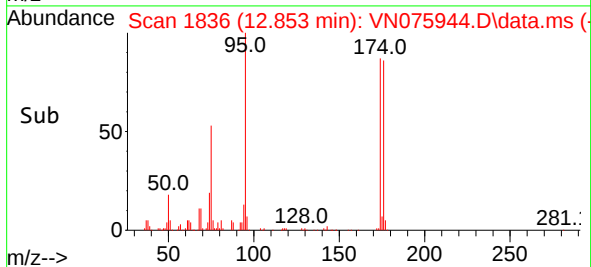
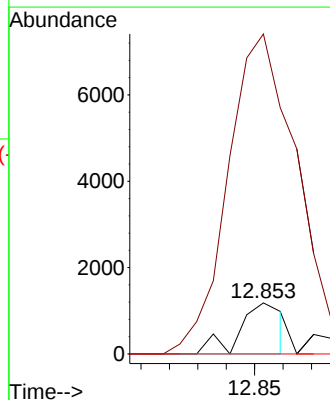
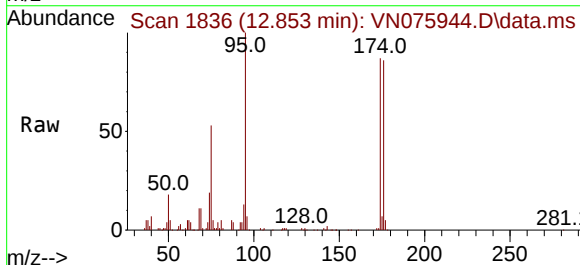
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-223-244-122122

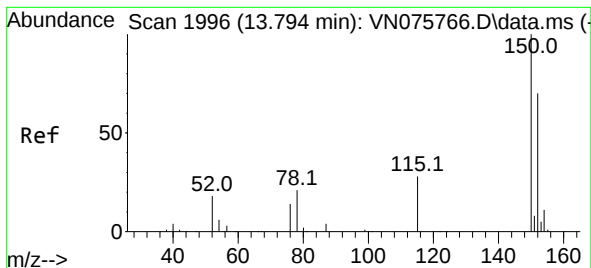
Tgt Ion:117 Resp: 466978
Ion Ratio Lower Upper
117 100
82 52.2 41.3 61.9
119 31.3 24.6 37.0



#71
Bromoform
Concen: 0.483 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075944.D
Acq: 22 Dec 2022 14:51

Tgt Ion:173 Resp: 1249
Ion Ratio Lower Upper
173 100
175 769.7 24.3 72.8#
254 0.0 0.0 0.0

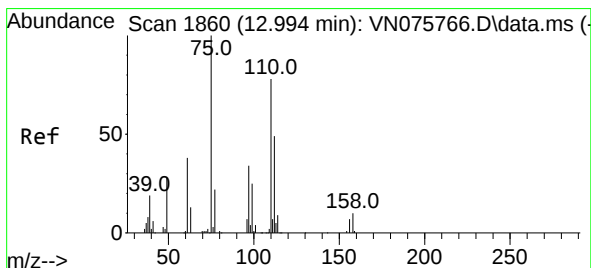
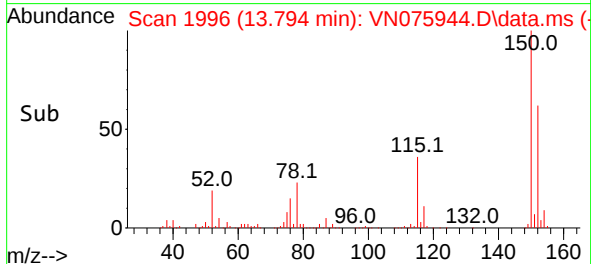
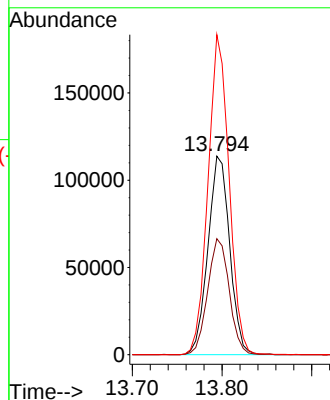
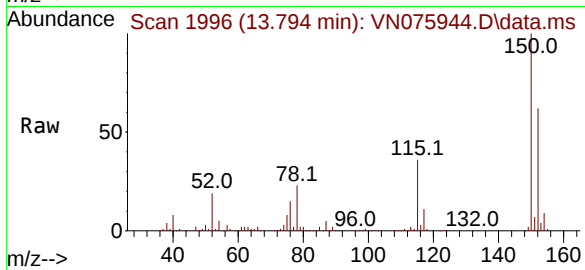




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN075944.D
 Acq: 22 Dec 2022 14:51

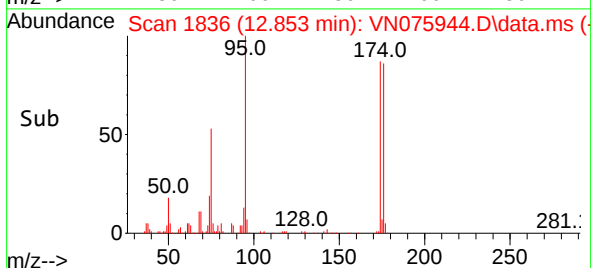
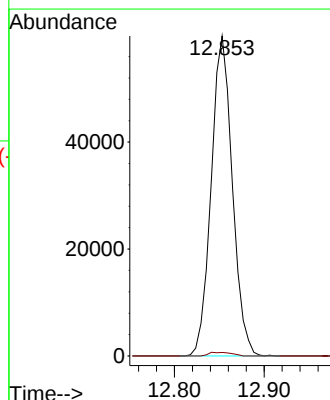
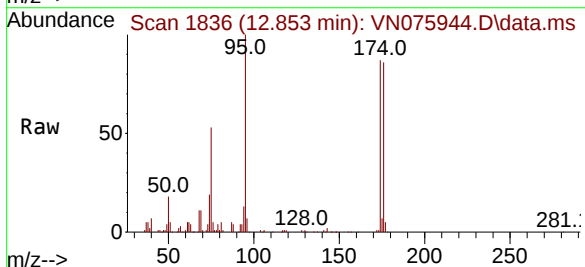
Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-04-223-244-122122

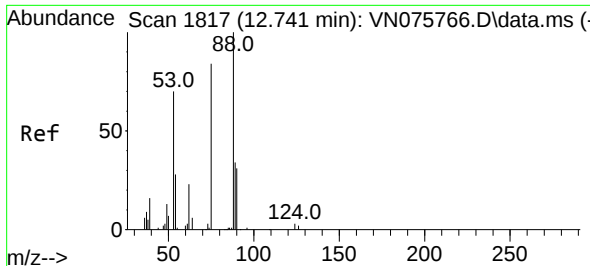
Tgt Ion:152 Resp: 191719
 Ion Ratio Lower Upper
 152 100
 115 58.0 29.1 87.4
 150 155.9 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 25.338 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN075944.D
 Acq: 22 Dec 2022 14:51

Tgt Ion: 75 Resp: 97921
 Ion Ratio Lower Upper
 75 100
 77 1.2 82.6 247.8#

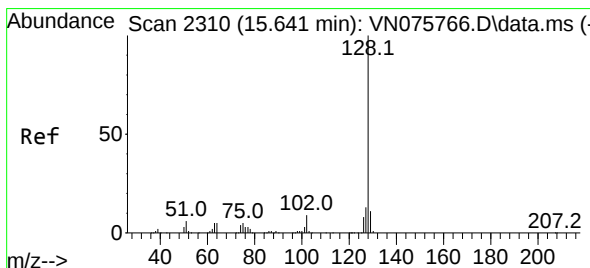
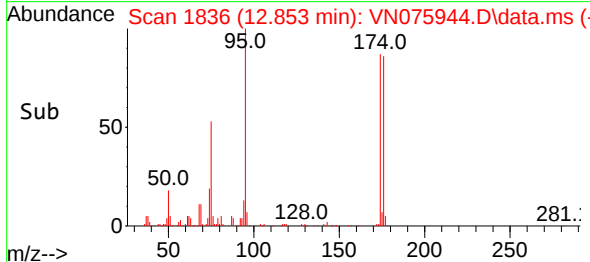
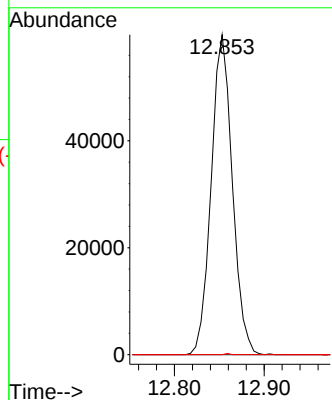
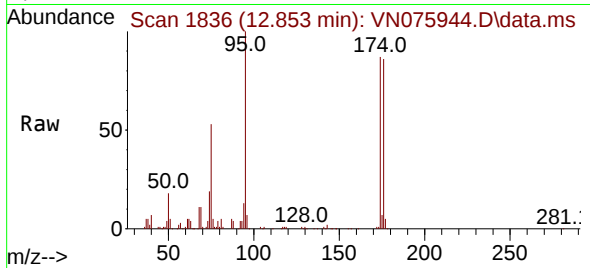




#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.204 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. 0.112 min
 Lab File: VN075944.D
 Acq: 22 Dec 2022 14:51

Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-04-223-244-122122

Tgt Ion: 75 Resp: 97921
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.8 110.6#
 89 0.1 39.5 59.3#



#95
 Naphthalene
 Concen: 2.268 ug/l
 RT: 15.653 min Scan# 2312
 Delta R.T. 0.012 min
 Lab File: VN075944.D
 Acq: 22 Dec 2022 14:51

Tgt Ion: 128 Resp: 991
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.4 15.6#
 129 0.0 8.7 13.1#

