

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN12222\
 Data File : VN075943.D
 Acq On : 22 Dec 2022 14:27
 Operator : JC\MD
 Sample : N6182-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-04-203-224

Quant Time: Dec 23 04:02:23 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)

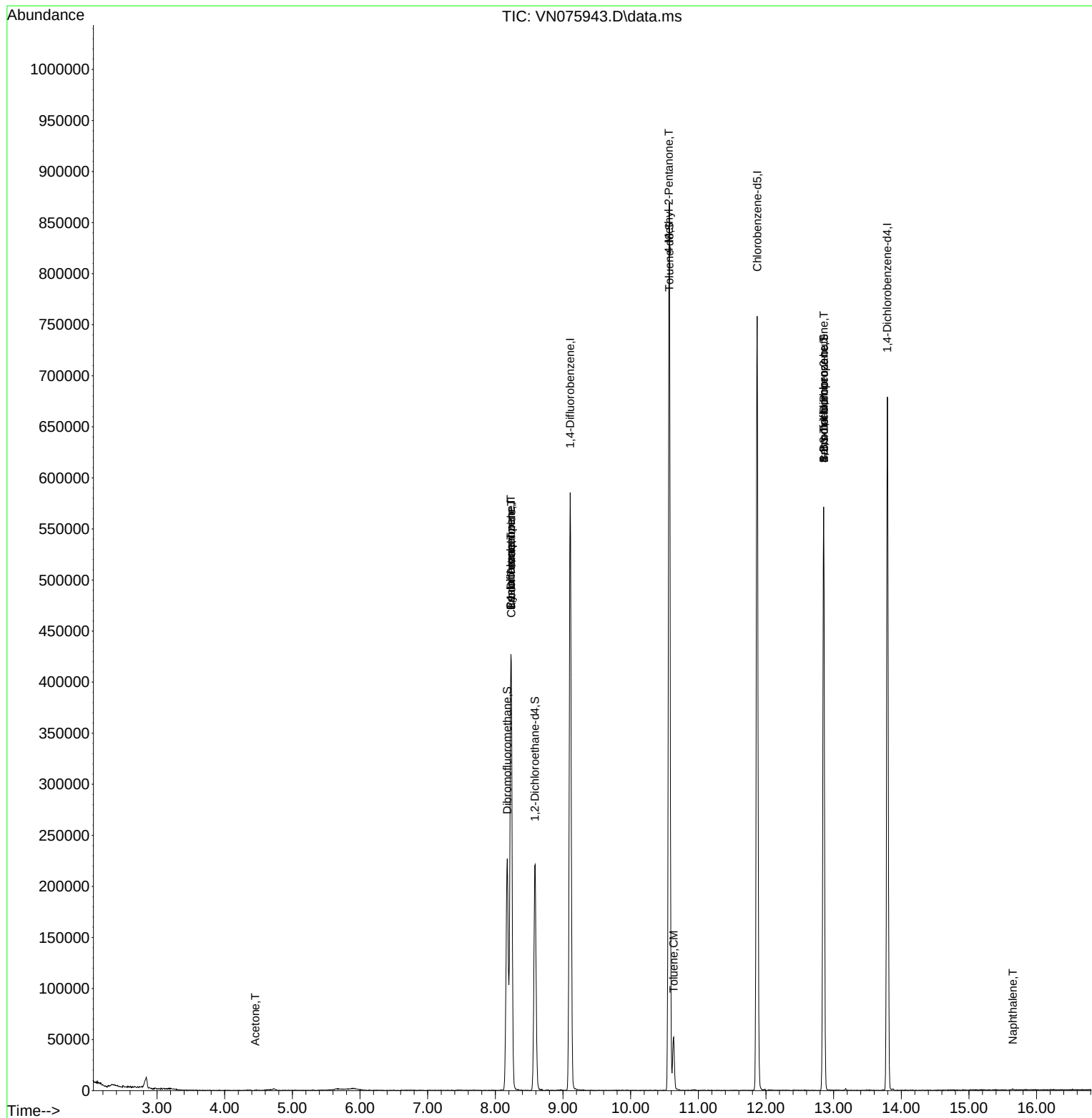
Internal Standards						
1) Pentafluorobenzene	8.229	168	338773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	537078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	462485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	190685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	177729	48.223	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.440%		
35) Dibromofluoromethane	8.177	113	159388	47.921	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.840%		
50) Toluene-d8	10.571	98	617178	49.629	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.260%		
62) 4-Bromofluorobenzene	12.853	95	189607	46.034	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.060%		
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	416	0.327	ug/l #	39
20) Methylene Chloride	5.294	84	138	Below Cal	#	58
31) Cyclohexane	8.229	56	5821	1.103	ug/l #	1
36) 1,1-Dichloropropene	8.229	75	24026	5.438	ug/l #	50
38) Carbon Tetrachloride	8.235	117	33028	6.679	ug/l #	16
51) 4-Methyl-2-Pentanone	10.565	43	2273	0.642	ug/l #	1
52) Toluene	10.635	92	23007	2.591	ug/l	99
71) Bromoform	12.853	173	1435	0.561	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	97787	25.441	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	97787	91.573	ug/l #	12
95) Naphthalene	15.647	128	1258	2.293	ug/l #	69

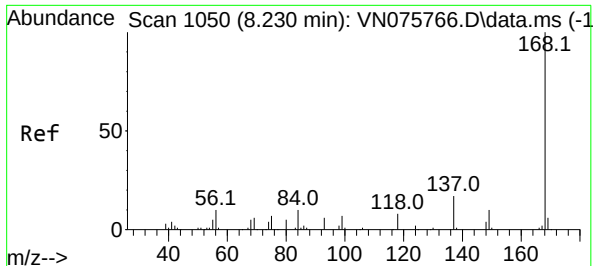
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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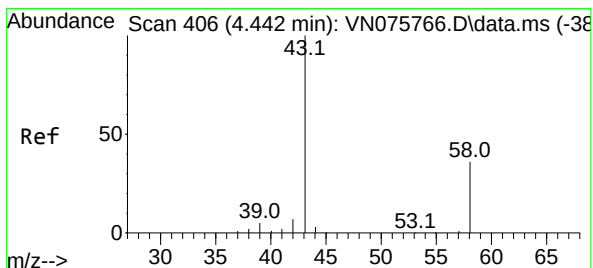
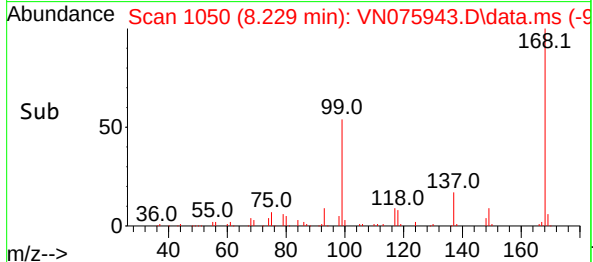
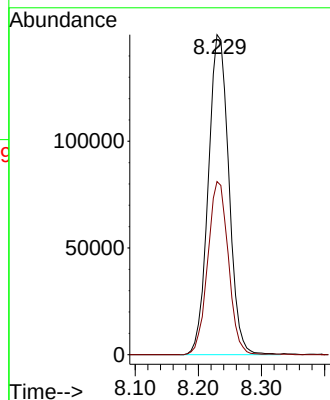
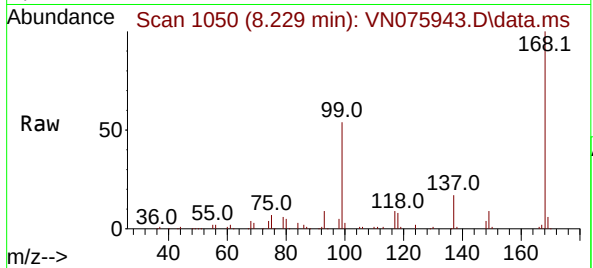




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075943.D
Acq: 22 Dec 2022 14:27

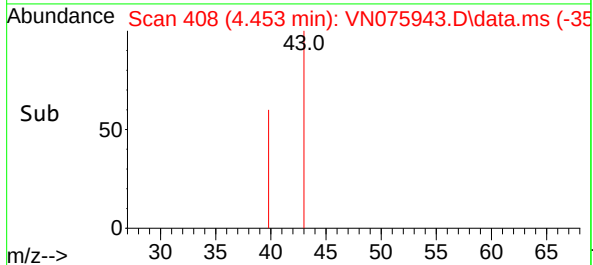
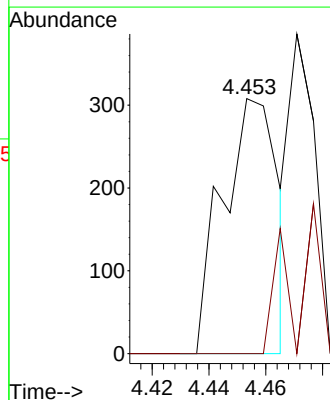
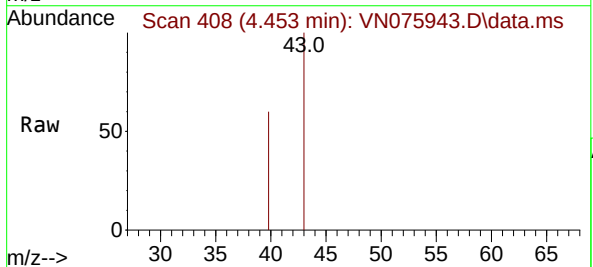
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-203-224

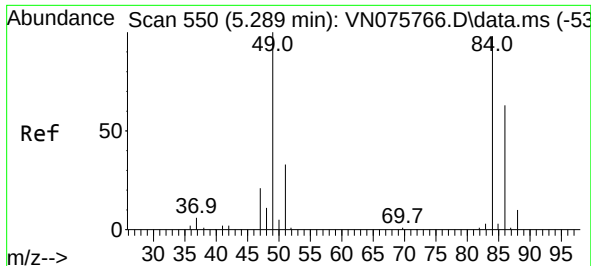
Tgt Ion:168 Resp: 338773
Ion Ratio Lower Upper
168 100
99 54.1 44.2 66.4



#16
Acetone
Concen: 0.327 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN075943.D
Acq: 22 Dec 2022 14:27

Tgt Ion: 43 Resp: 416
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 5.294 min Scan# 51

Delta R.T. 0.005 min

Lab File: VN075943.D

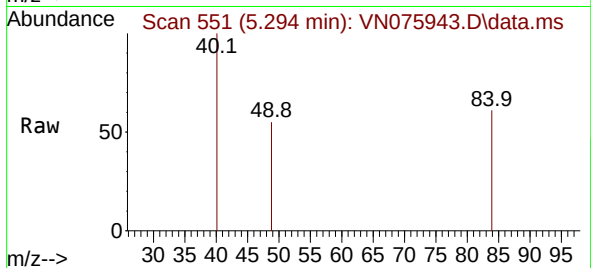
Acq: 22 Dec 2022 14:27

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-04-203-224



Tgt Ion: 84 Resp: 138

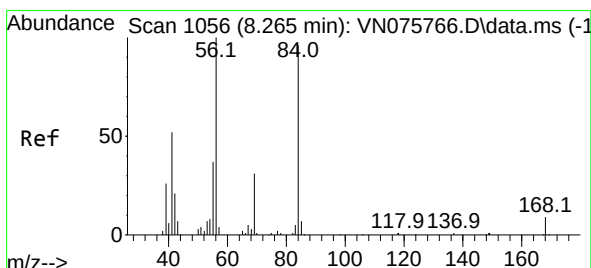
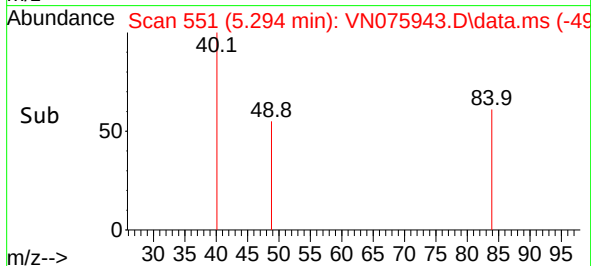
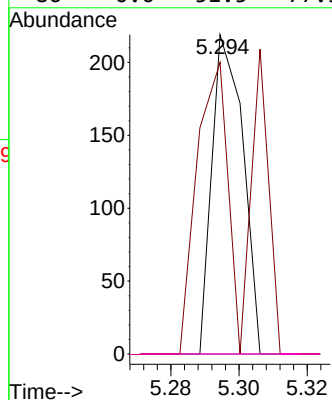
Ion Ratio Lower Upper

84 100

49 91.3 81.8 122.6

51 0.0 26.7 40.1#

86 0.0 51.5 77.3#



#31

Cyclohexane

Concen: 1.103 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.035 min

Lab File: VN075943.D

Acq: 22 Dec 2022 14:27

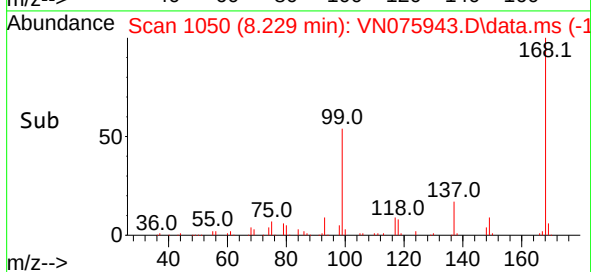
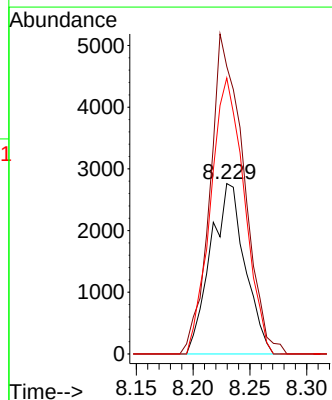
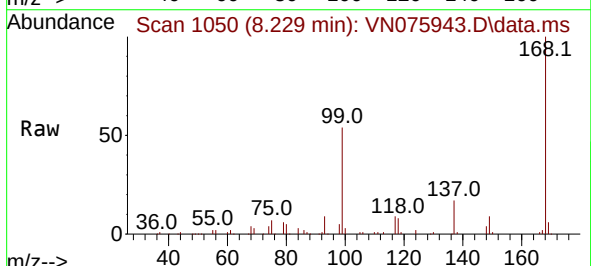
Tgt Ion: 56 Resp: 5821

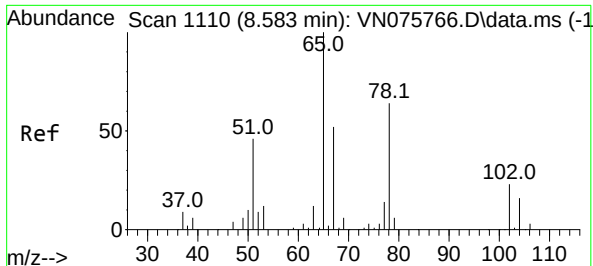
Ion Ratio Lower Upper

56 100

69 168.7 24.7 37.1#

84 162.0 76.5 114.7#





#33

1,2-Dichloroethane-d4

Concen: 48.223 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075943.D

Acq: 22 Dec 2022 14:27

Instrument :

MSVOA_N

ClientSampleId :

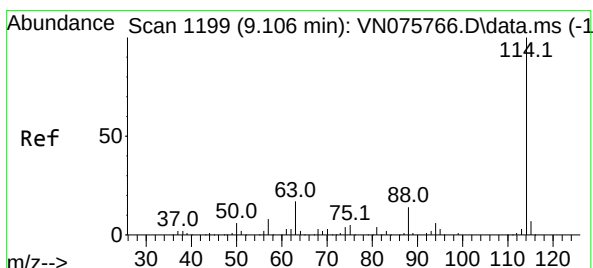
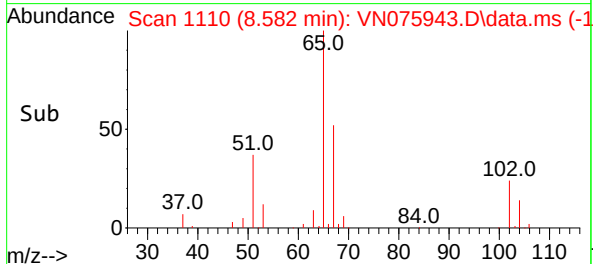
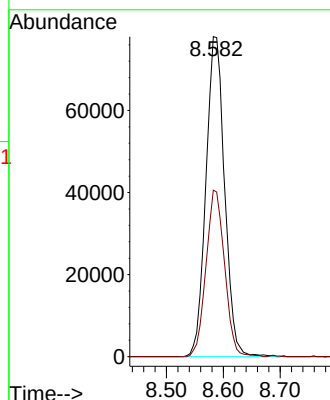
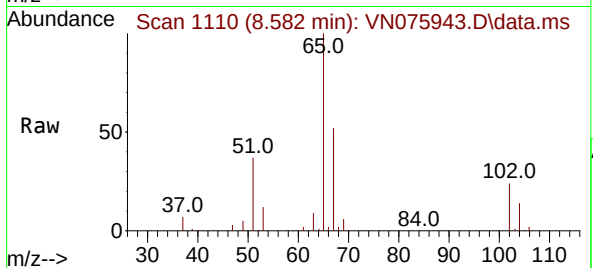
GWOW-BR-04-203-224

Tgt Ion: 65 Resp: 177729

Ion Ratio Lower Upper

65 100

67 51.7 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: VN075943.D

Acq: 22 Dec 2022 14:27

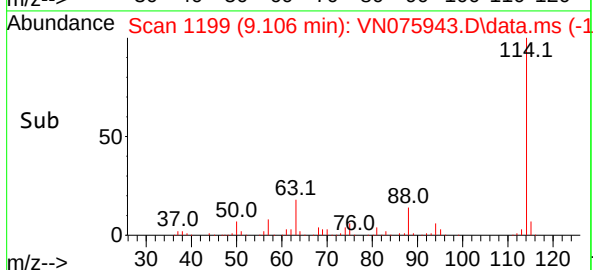
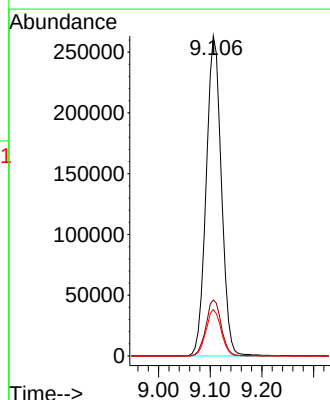
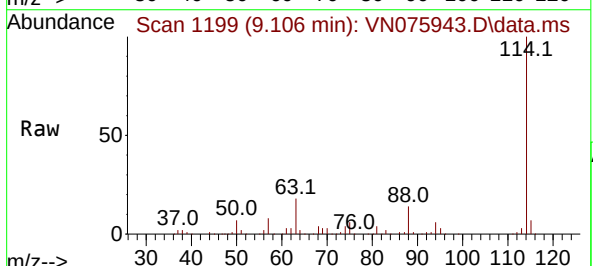
Tgt Ion: 114 Resp: 537078

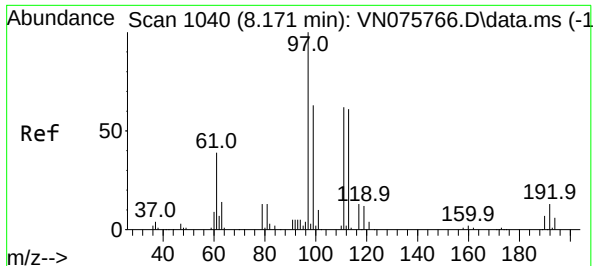
Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.4

88 14.5 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.921 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075943.D

Acq: 22 Dec 2022 14:27

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-04-203-224

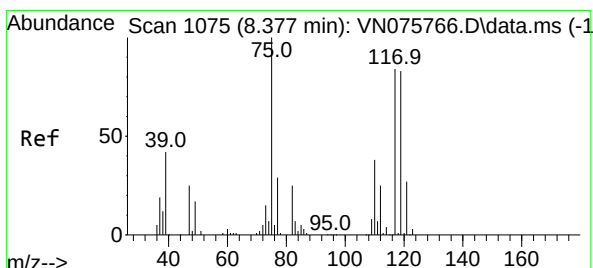
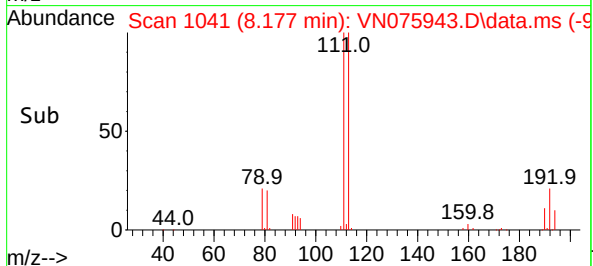
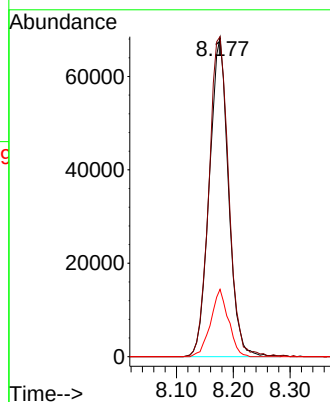
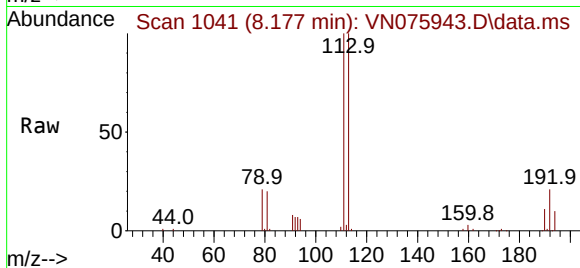
Tgt Ion:113 Resp: 159388

Ion Ratio Lower Upper

113 100

111 103.6 83.4 125.2

192 19.7 16.1 24.1



#36

1,1-Dichloropropene

Concen: 5.438 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN075943.D

Acq: 22 Dec 2022 14:27

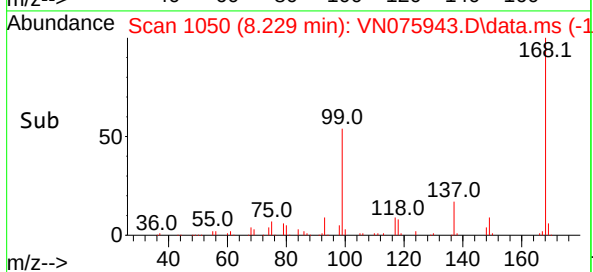
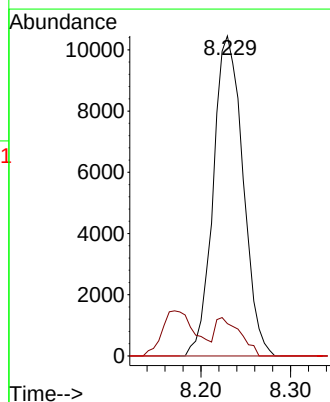
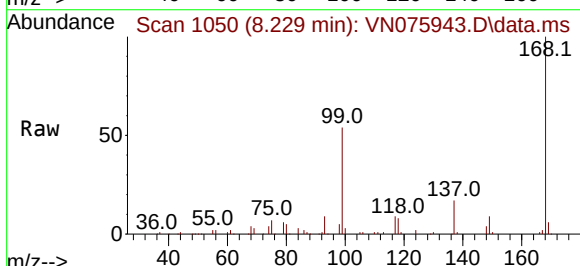
Tgt Ion: 75 Resp: 24026

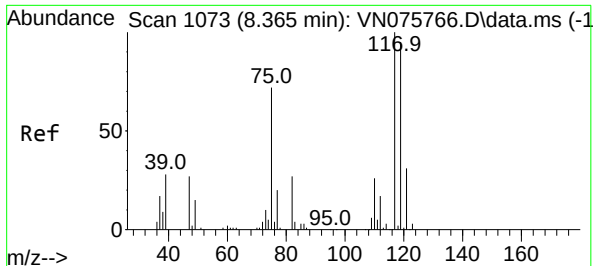
Ion Ratio Lower Upper

75 100

110 9.8 18.8 56.4#

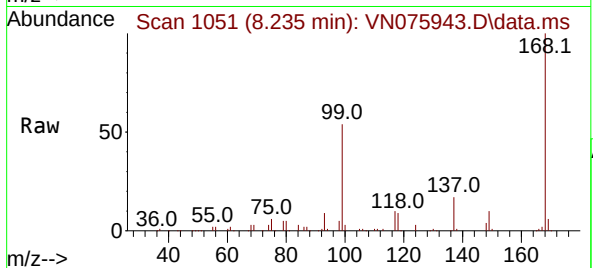
77 0.0 24.1 36.1#



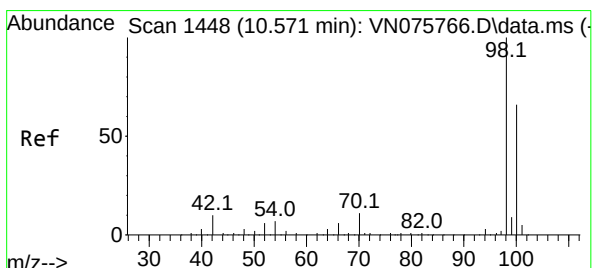
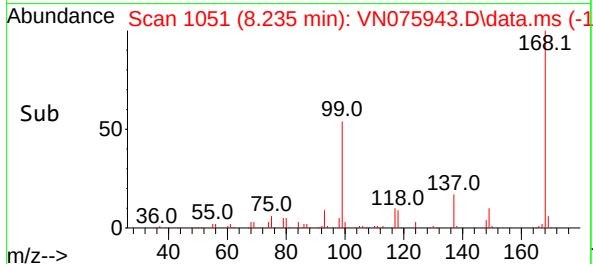
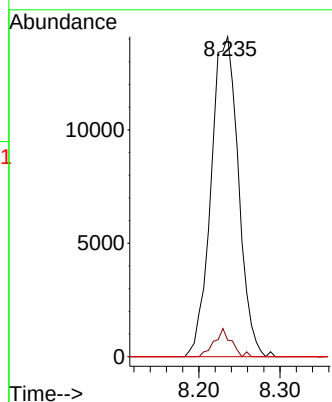


#38
Carbon Tetrachloride
Concen: 6.679 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.130 min
Lab File: VN075943.D
Acq: 22 Dec 2022 14:27

Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-203-224

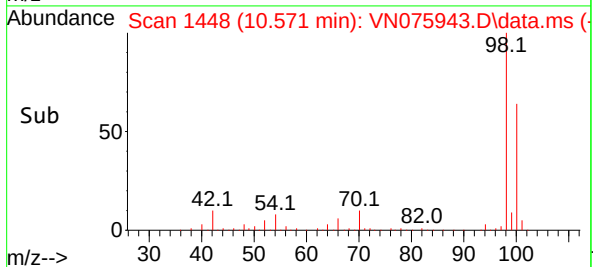
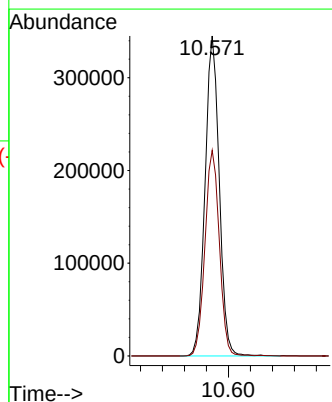
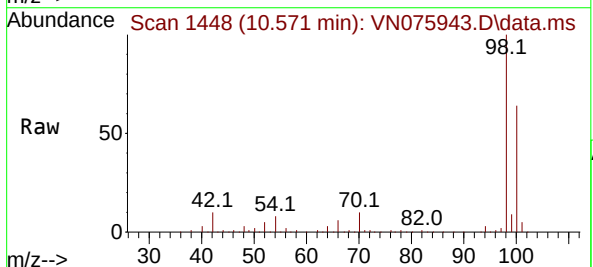


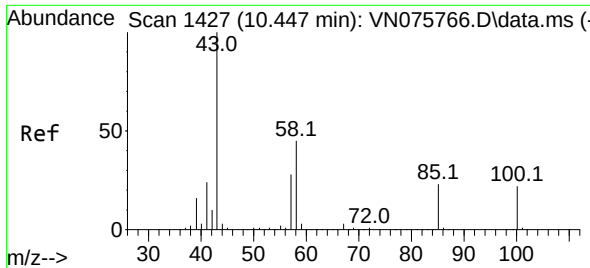
Tgt Ion:117 Resp: 33028
Ion Ratio Lower Upper
117 100
119 5.2 76.1 114.1#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.629 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075943.D
Acq: 22 Dec 2022 14:27

Tgt Ion: 98 Resp: 617178
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1

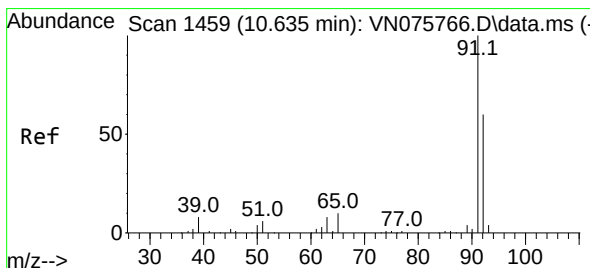
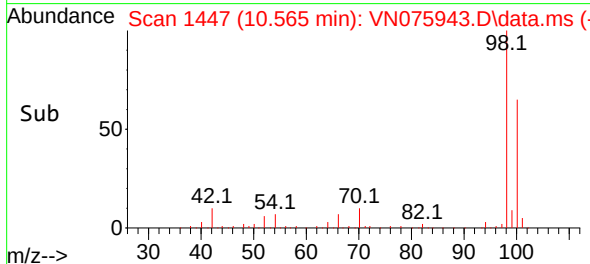
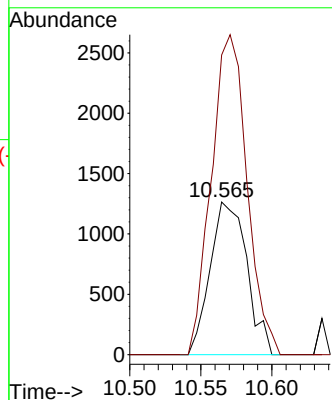
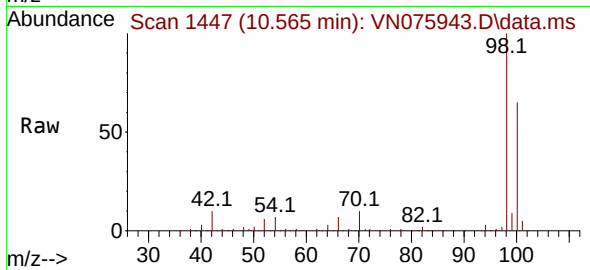




#51
4-Methyl-2-Pentanone
Concen: 0.642 ug/l
RT: 10.565 min Scan# 1427
Delta R.T. 0.118 min
Lab File: VN075943.D
Acq: 22 Dec 2022 14:27

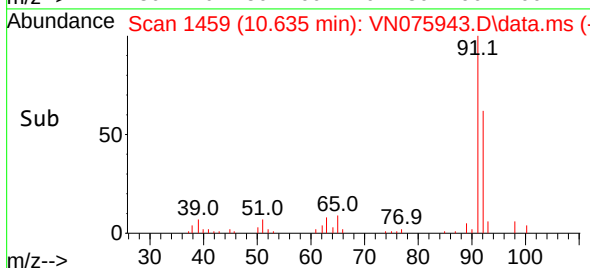
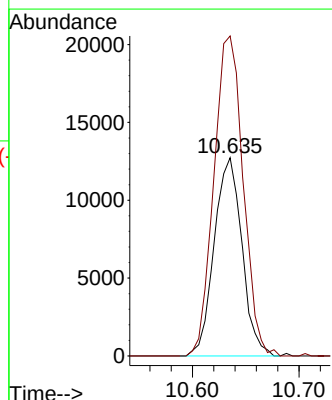
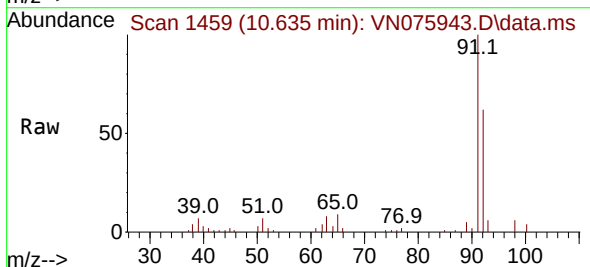
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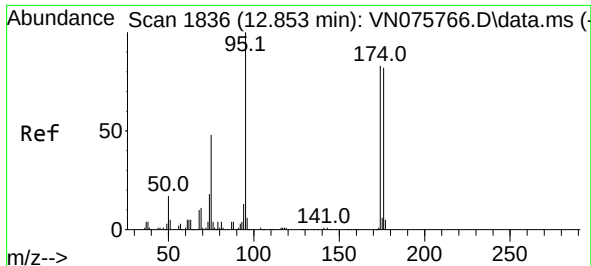
Tgt Ion: 43 Resp: 2273
Ion Ratio Lower Upper
43 100
58 204.1 35.5 53.3#



#52
Toluene
Concen: 2.591 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN075943.D
Acq: 22 Dec 2022 14:27

Tgt Ion: 92 Resp: 23007
Ion Ratio Lower Upper
92 100
91 170.5 137.3 205.9

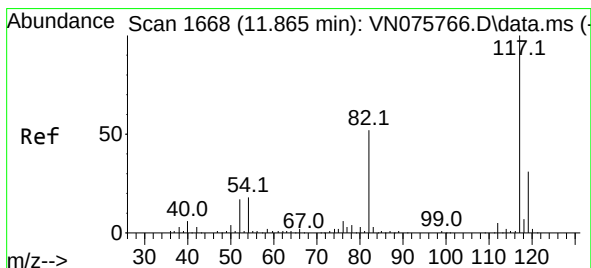
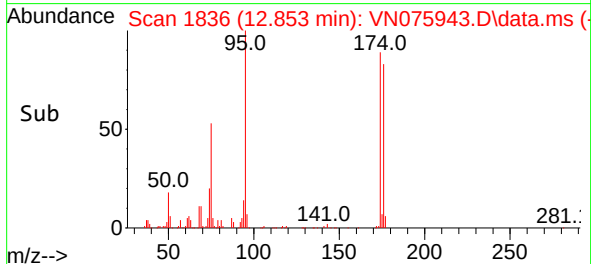
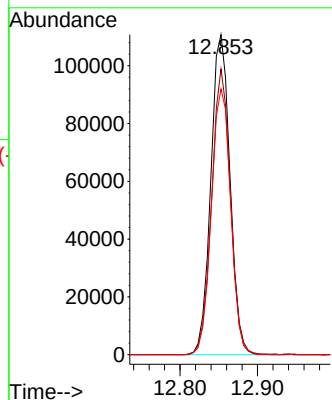
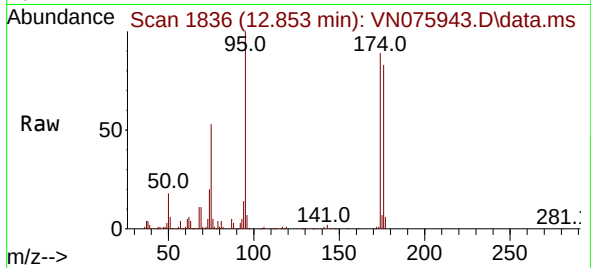




#62
4-Bromofluorobenzene
Concen: 46.034 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075943.D
Acq: 22 Dec 2022 14:27

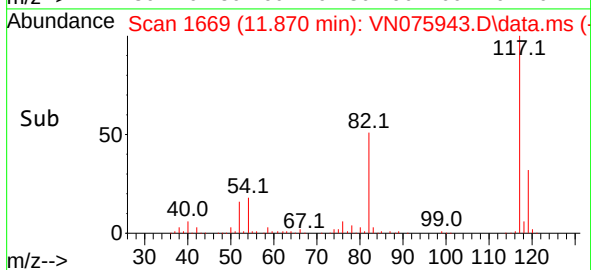
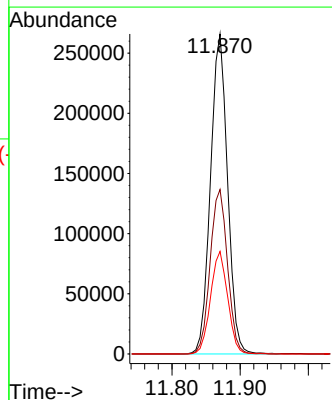
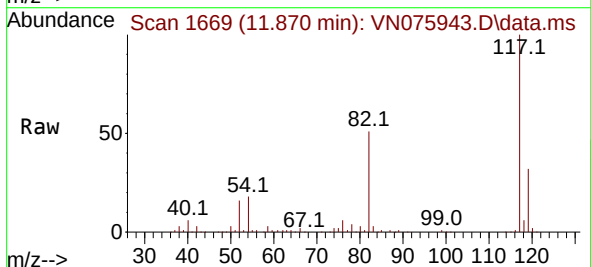
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-203-224

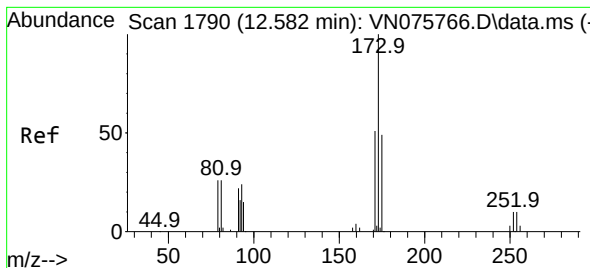
Tgt Ion: 95 Resp: 189607
Ion Ratio Lower Upper
95 100
174 88.0 0.0 171.6
176 83.7 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075943.D
Acq: 22 Dec 2022 14:27

Tgt Ion: 117 Resp: 462485
Ion Ratio Lower Upper
117 100
82 51.4 41.3 61.9
119 32.0 24.6 37.0





#71

Bromoform

Concen: 0.561 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.270 min

Lab File: VN075943.D

Acq: 22 Dec 2022 14:27

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-04-203-224

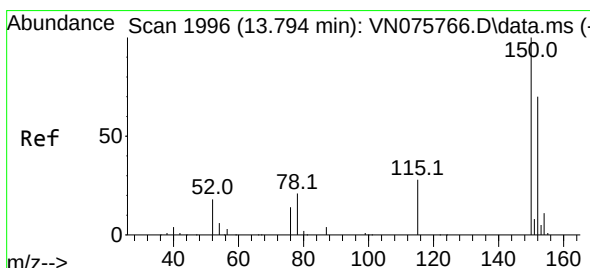
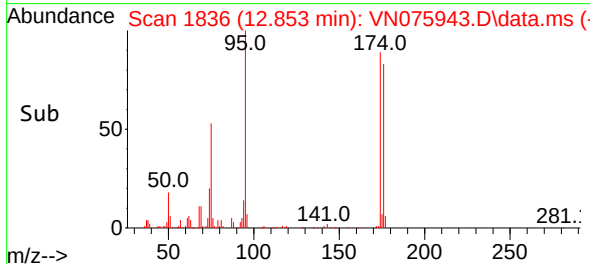
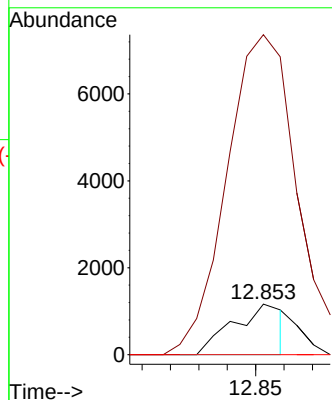
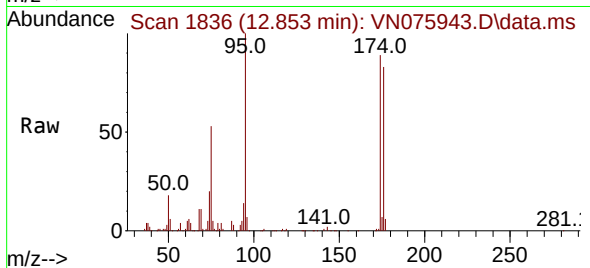
Tgt Ion:173 Resp: 1435

Ion Ratio Lower Upper

173 100

175 713.4 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: VN075943.D

Acq: 22 Dec 2022 14:27

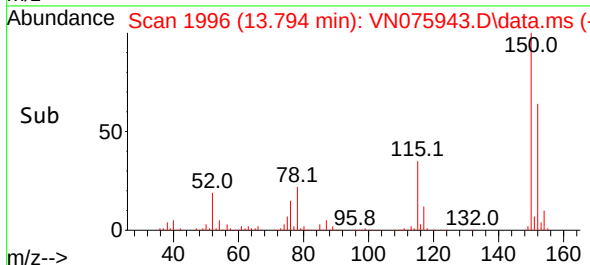
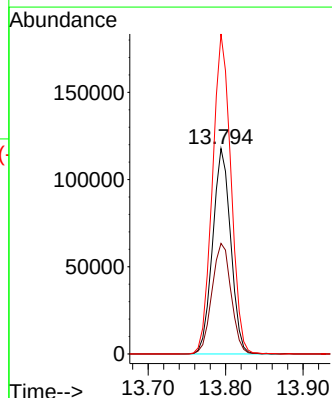
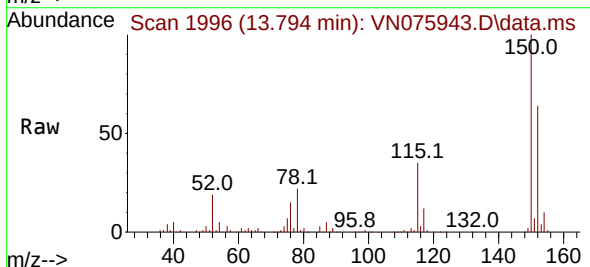
Tgt Ion:152 Resp: 190685

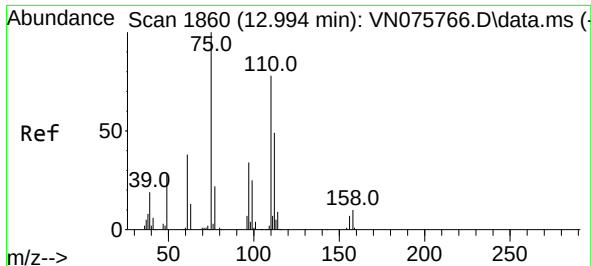
Ion Ratio Lower Upper

152 100

115 57.0 29.1 87.4

150 159.3 0.0 347.0

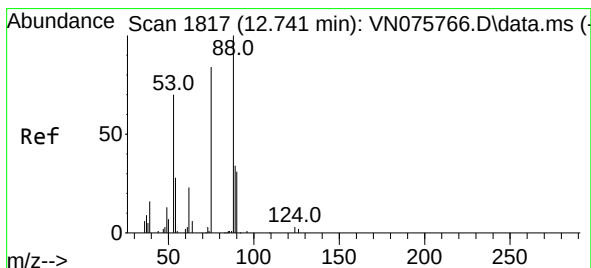
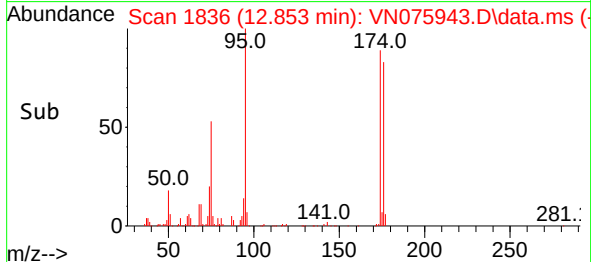
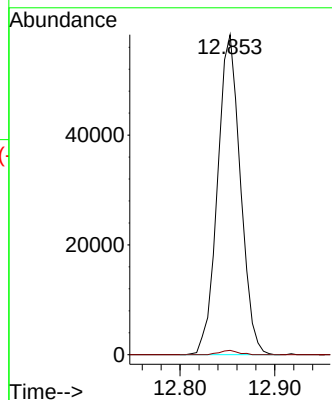
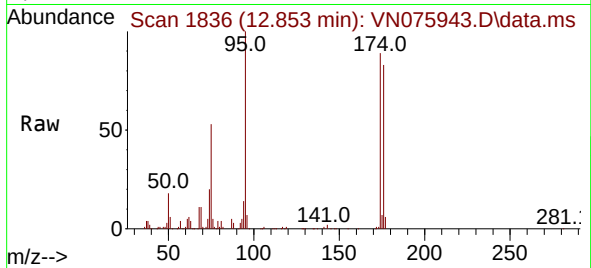




#76
1,2,3-Trichloropropane
Concen: 25.441 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075943.D
Acq: 22 Dec 2022 14:27

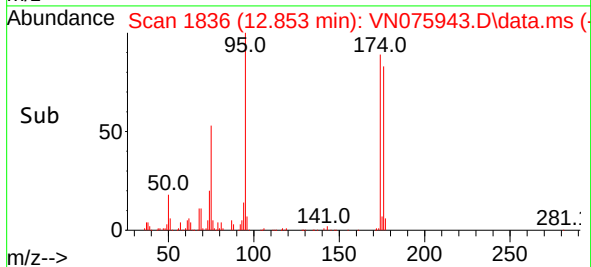
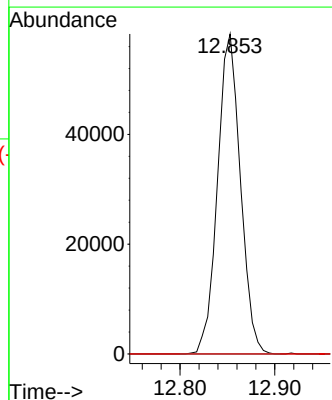
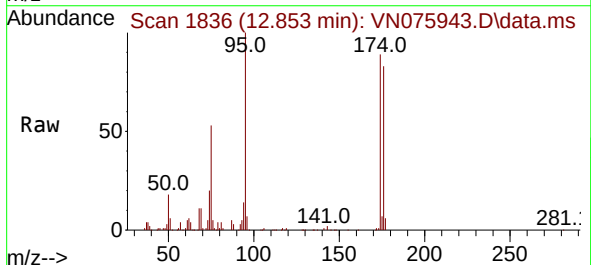
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-203-224

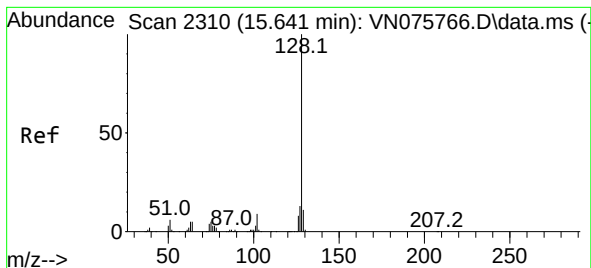
Tgt Ion: 75 Resp: 97787
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.573 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075943.D
Acq: 22 Dec 2022 14:27

Tgt Ion: 75 Resp: 97787
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#





#95

Naphthalene

Concen: 2.293 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN075943.D

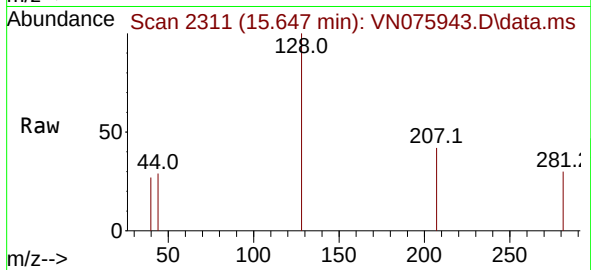
Acq: 22 Dec 2022 14:27

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-04-203-224



Tgt Ion:128 Resp: 1258

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.7 13.1#

