

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012523\
 Data File : VN076398.D
 Acq On : 25 Jan 2023 13:46
 Operator : JC\MD
 Sample : 01291-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW10-GW-378-380

Quant Time: Jan 26 07:16:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

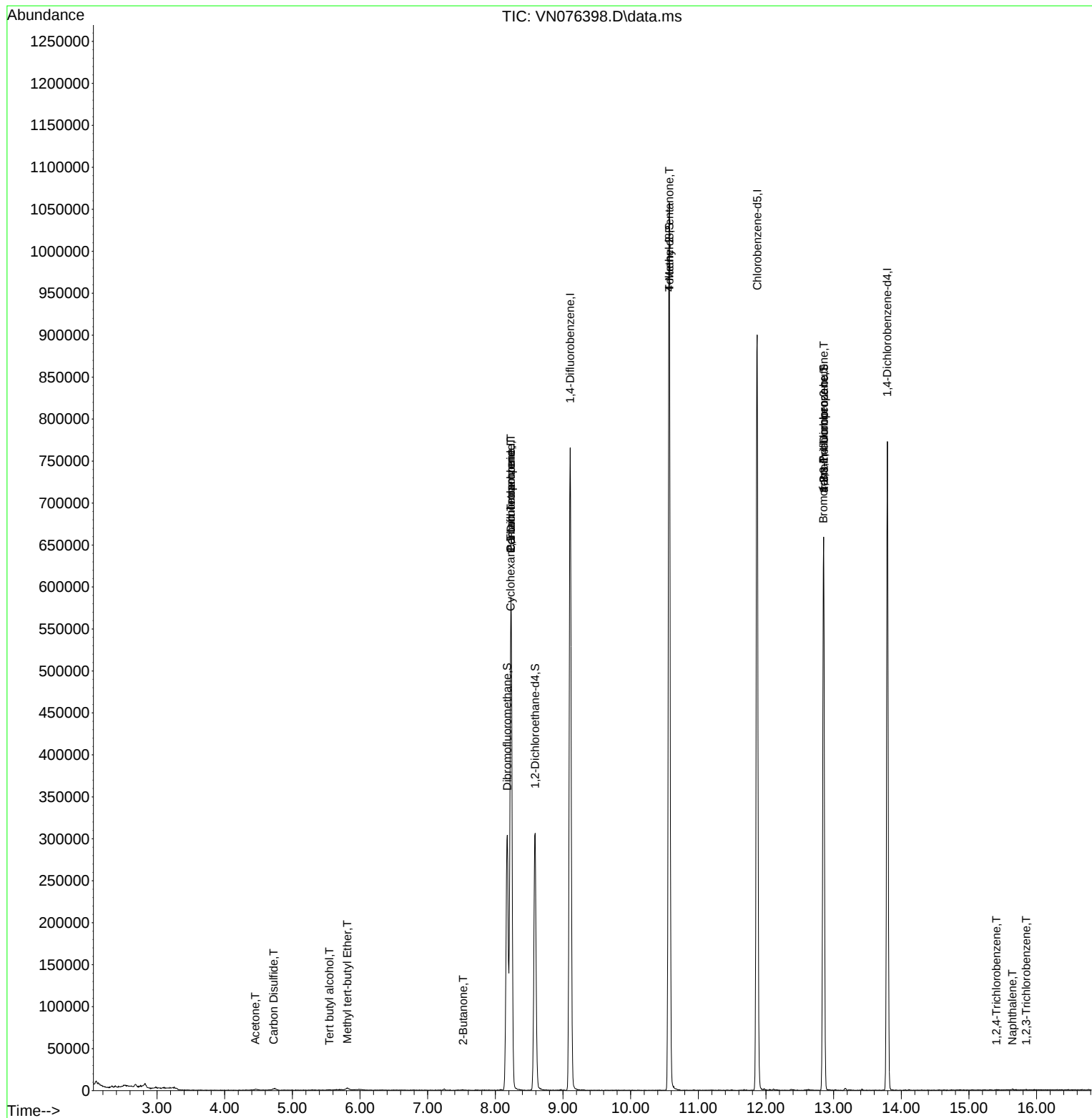
Internal Standards						
1) Pentafluorobenzene	8.229	168	438166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	689712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	545328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	205138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	260850	53.169	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 106.340%		
35) Dibromofluoromethane	8.177	113	219160	50.797	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.600%		
50) Toluene-d8	10.570	98	741482	46.535	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 93.080%		
62) 4-Bromofluorobenzene	12.853	95	219876	42.271	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 84.540%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.547	59	744	1.134	ug/l #	72
16) Acetone	4.453	43	2086	1.253	ug/l #	76
17) Carbon Disulfide	4.724	76	2505	0.240	ug/l #	73
19) Methyl tert-butyl Ether	5.812	73	3672	0.269	ug/l #	83
20) Methylene Chloride	5.288	84	117	Below Cal	#	11
25) 2-Butanone	7.524	43	481	0.200	ug/l #	40
31) Cyclohexane	8.224	56	9451	1.254	ug/l #	41
36) 1,1-Dichloropropene	8.229	75	35195	5.741	ug/l #	49
38) Carbon Tetrachloride	8.229	117	44490	6.508	ug/l #	17
51) 4-Methyl-2-Pentanone	10.570	43	2638	0.562	ug/l #	1
71) Bromoform	12.847	173	1359	0.439	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	119746	31.696	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	119746	97.123	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.405	180	146	1.345	ug/l #	1
95) Naphthalene	15.641	128	1564	1.980	ug/l #	79
96) 1,2,3-Trichlorobenzene	15.847	180	421	1.274	ug/l #	36

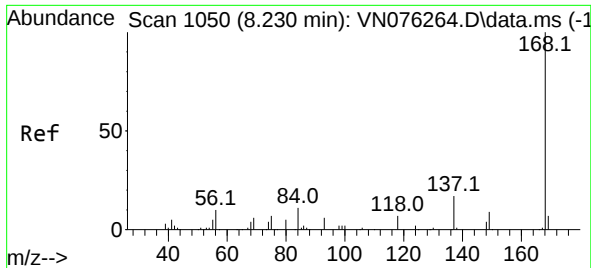
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012523\
Data File : VN076398.D
Acq On : 25 Jan 2023 13:46
Operator : JC\MD
Sample : 01291-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-378-380

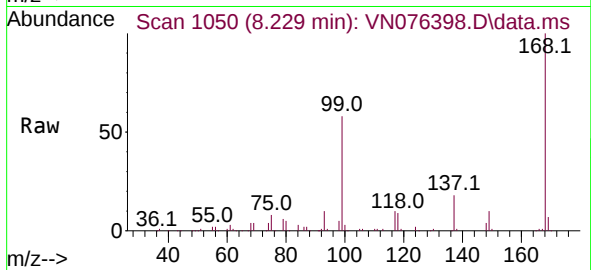
Quant Time: Jan 26 07:16:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 03:59:22 2023
Response via : Initial Calibration



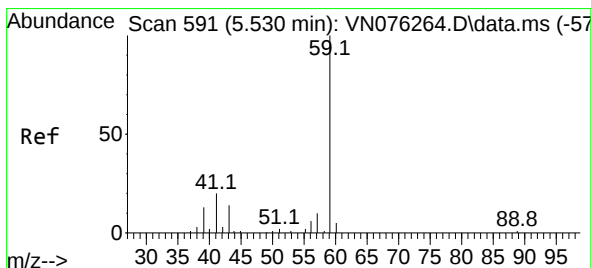
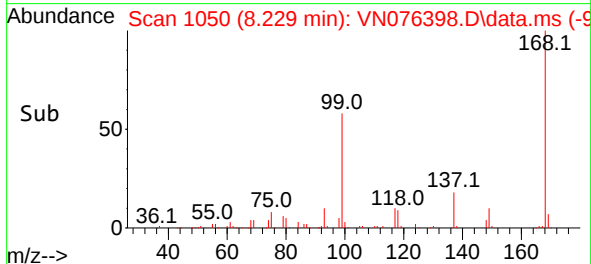
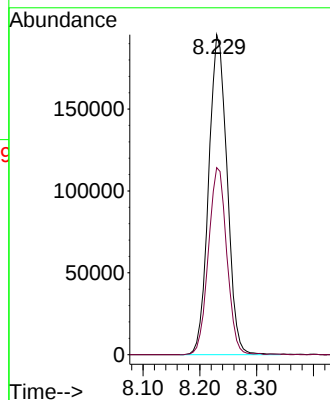


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN076398.D
Acq: 25 Jan 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-378-380

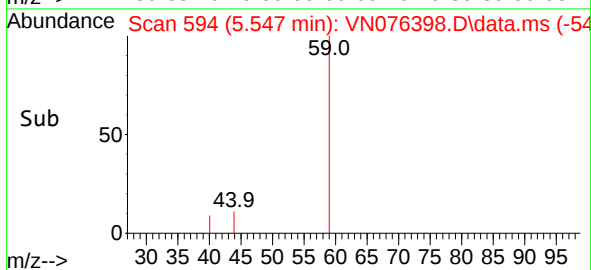
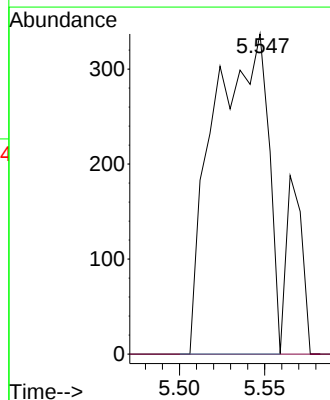
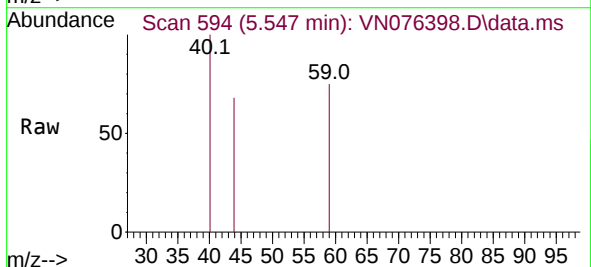


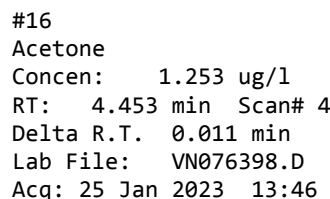
Tgt Ion:168 Resp: 438166
Ion Ratio Lower Upper
168 100
99 58.4 41.6 62.4



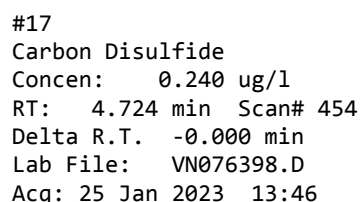
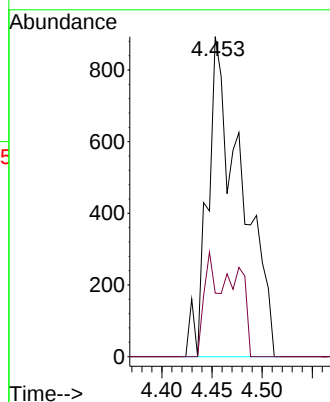
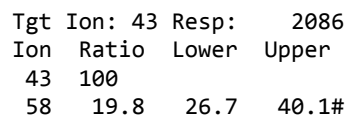
#11
Tert butyl alcohol
Concen: 1.134 ug/l
RT: 5.547 min Scan# 594
Delta R.T. 0.017 min
Lab File: VN076398.D
Acq: 25 Jan 2023 13:46

Tgt Ion: 59 Resp: 744
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

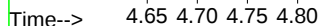
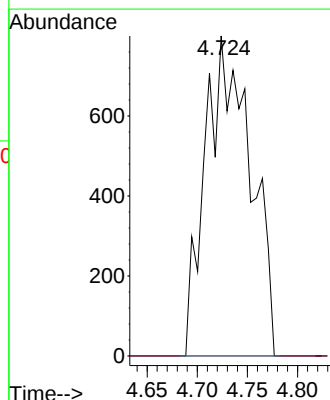


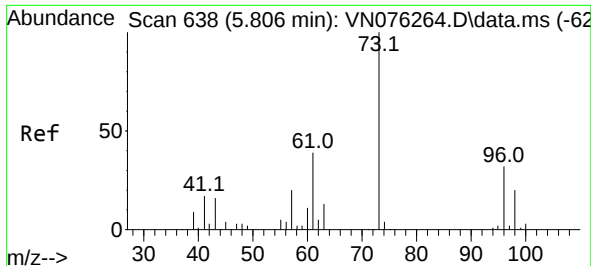


Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-378-380



Tgt	Ion: 76	Resp:	2505
Ion	Ratio	Lower	Upper
76	100		
78	0.0	8.0	12.0#

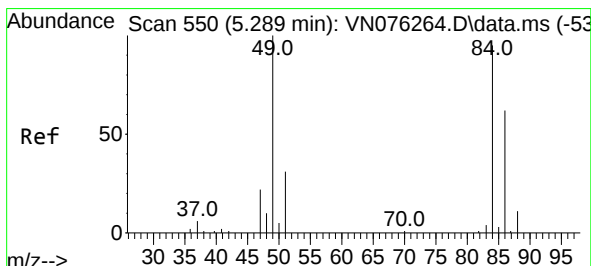
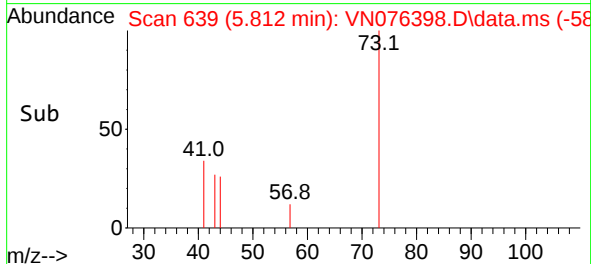
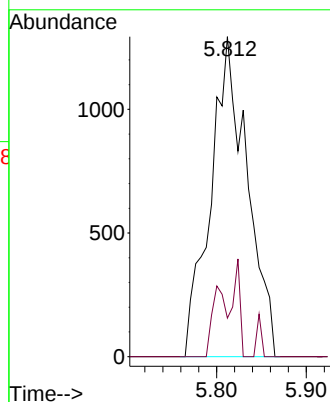
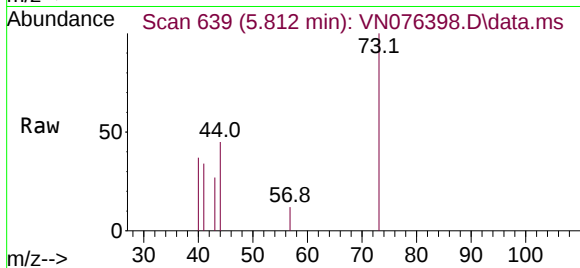




#19
Methyl tert-butyl Ether
Concen: 0.269 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076398.D
Acq: 25 Jan 2023 13:46

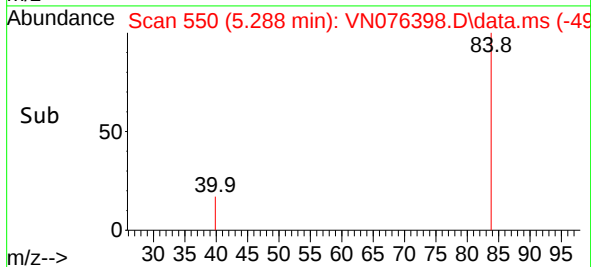
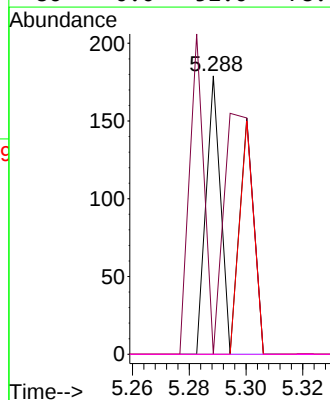
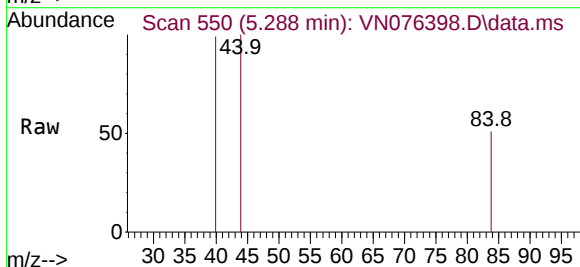
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-378-380

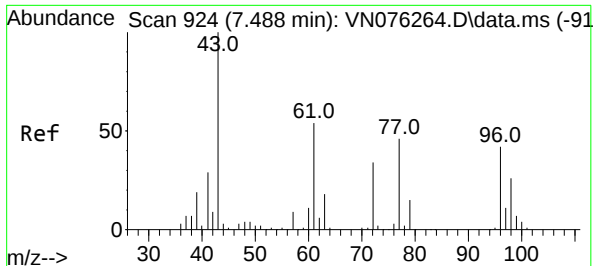
Tgt Ion: 73 Resp: 3672
Ion Ratio Lower Upper
73 100
57 12.1 15.9 23.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.288 min Scan# 550
Delta R.T. -0.001 min
Lab File: VN076398.D
Acq: 25 Jan 2023 13:46

Tgt Ion: 84 Resp: 117
Ion Ratio Lower Upper
84 100
49 0.0 84.5 126.7#
51 0.0 26.0 39.0#
86 0.0 52.0 78.0#





#25

2-Butanone

Concen: 0.200 ug/l

RT: 7.524 min Scan# 91

Delta R.T. 0.036 min

Lab File: VN076398.D

Acq: 25 Jan 2023 13:46

Instrument :

MSVOA_N

ClientSampleId :

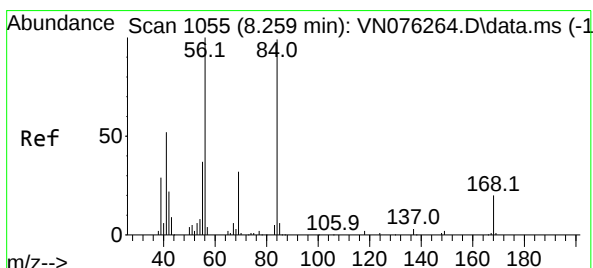
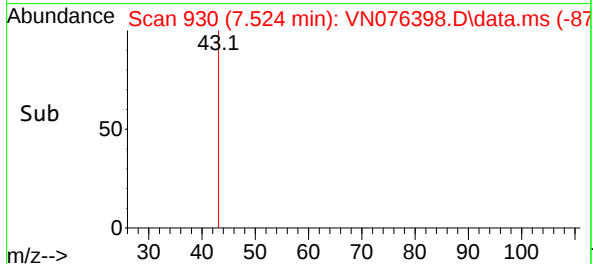
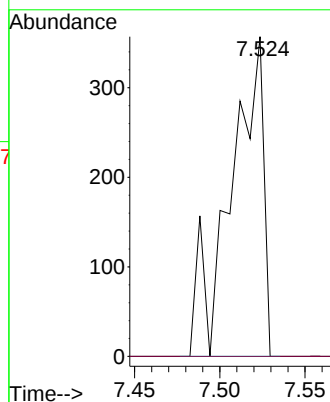
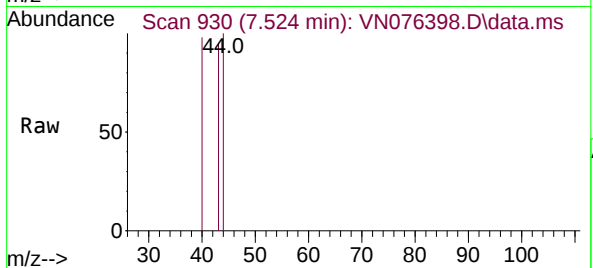
BP-VPB-RW10-GW-378-380

Tgt Ion: 43 Resp: 481

Ion Ratio Lower Upper

43 100

72 0.0 27.4 41.2#



#31

Cyclohexane

Concen: 1.254 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.035 min

Lab File: VN076398.D

Acq: 25 Jan 2023 13:46

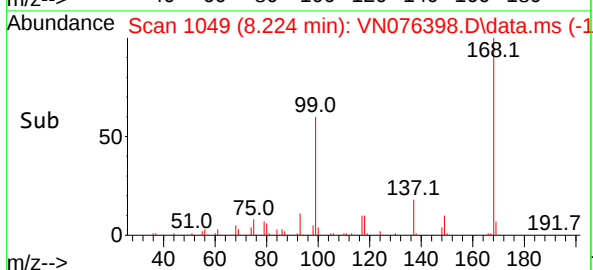
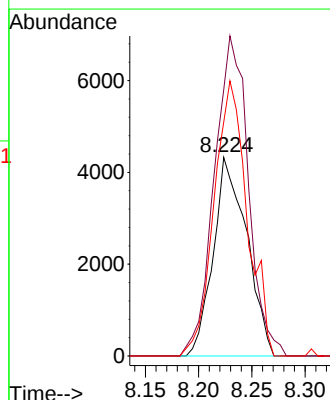
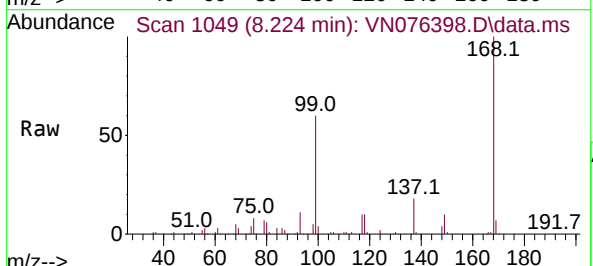
Tgt Ion: 56 Resp: 9451

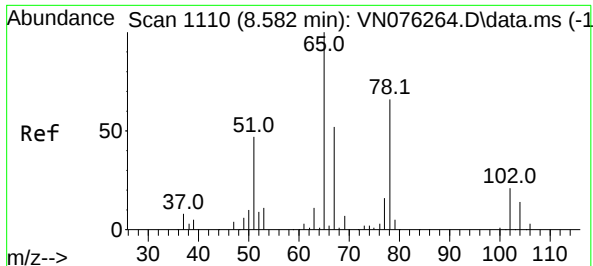
Ion Ratio Lower Upper

56 100

69 134.0 25.8 38.8#

84 117.7 79.0 118.4





#33

1,2-Dichloroethane-d4

Concen: 53.169 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076398.D

Acq: 25 Jan 2023 13:46

Instrument :

MSVOA_N

ClientSampleId :

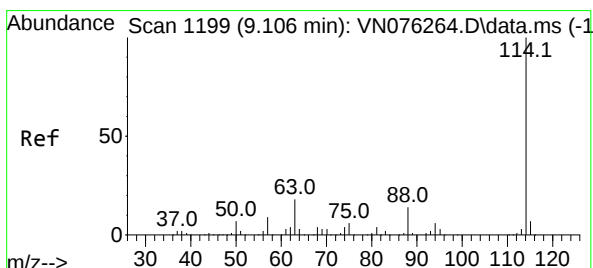
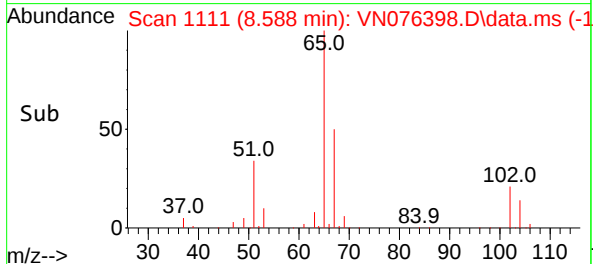
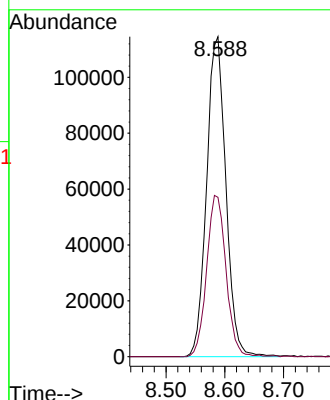
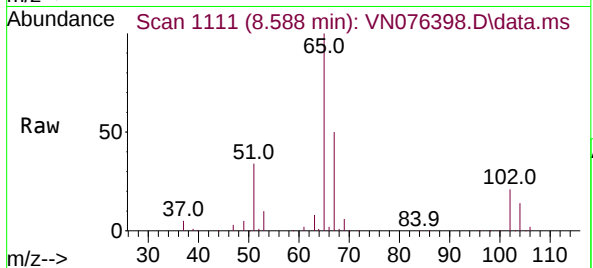
BP-VPB-RW10-GW-378-380

Tgt Ion: 65 Resp: 260850

Ion Ratio Lower Upper

65 100

67 50.6 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076398.D

Acq: 25 Jan 2023 13:46

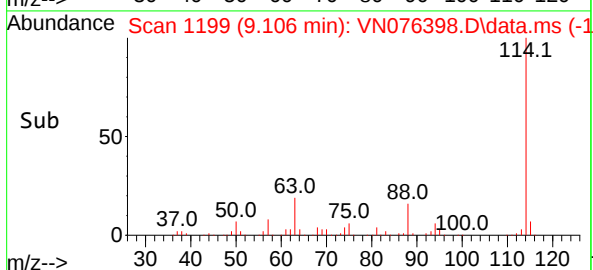
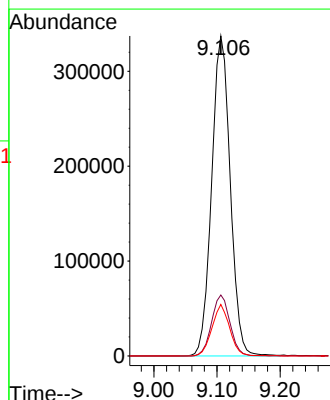
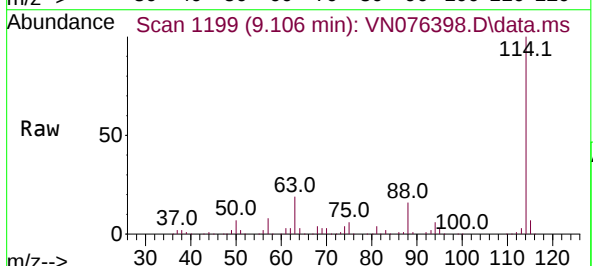
Tgt Ion: 114 Resp: 689712

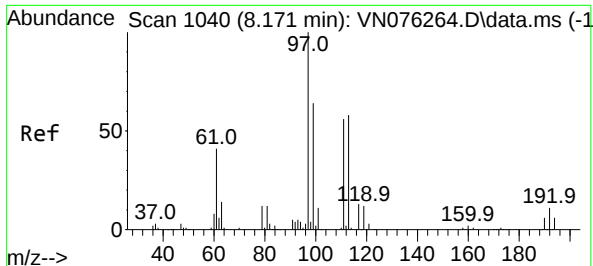
Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.8

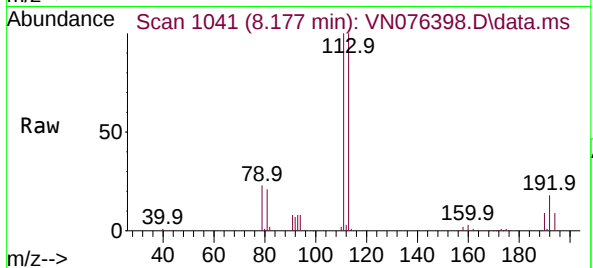
88 16.1 0.0 28.0



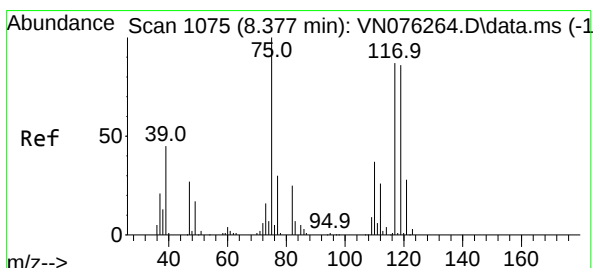
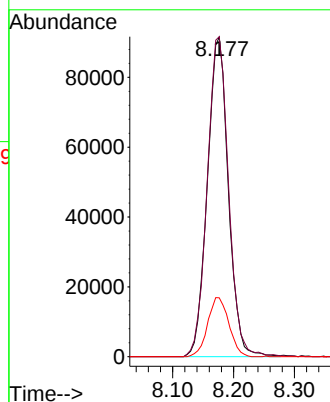
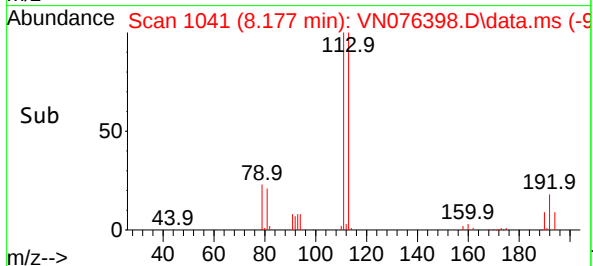


#35
Dibromofluoromethane
Concen: 50.797 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN076398.D
Acq: 25 Jan 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-378-380

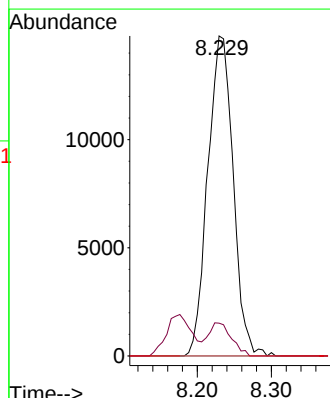
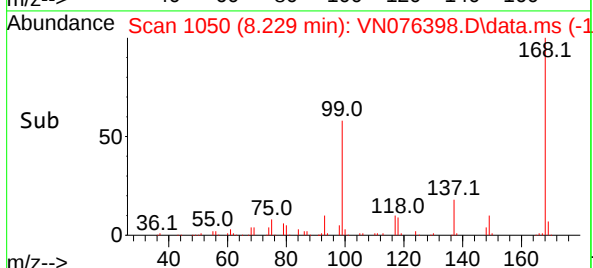
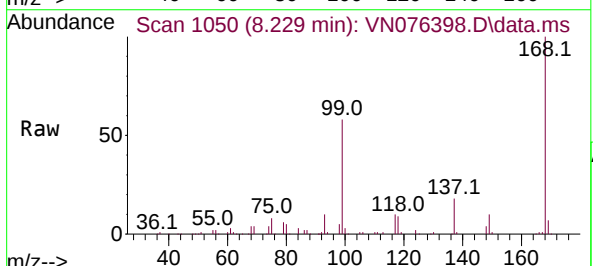


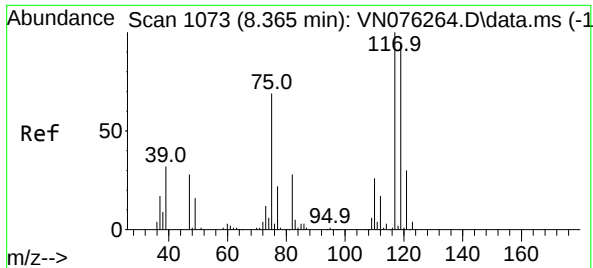
Tgt Ion:113 Resp: 219160
Ion Ratio Lower Upper
113 100
111 102.1 82.7 124.1
192 18.7 15.6 23.4



#36
1,1-Dichloropropene
Concen: 5.741 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.148 min
Lab File: VN076398.D
Acq: 25 Jan 2023 13:46

Tgt Ion: 75 Resp: 35195
Ion Ratio Lower Upper
75 100
110 9.3 18.8 56.3#
77 0.0 25.0 37.4#

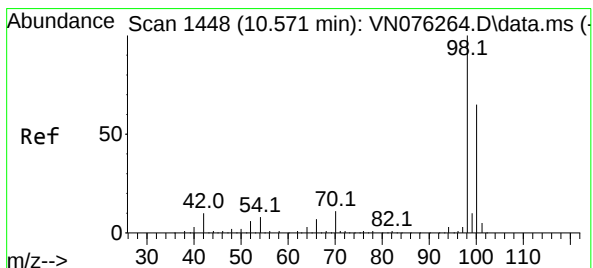
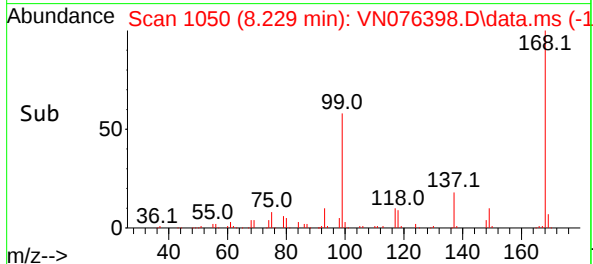
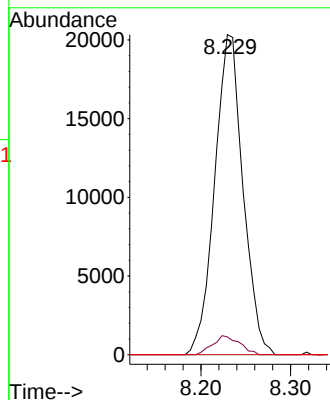
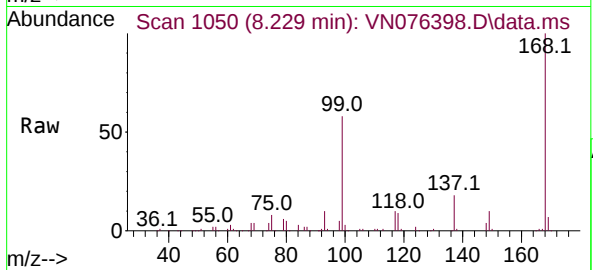




#38
Carbon Tetrachloride
Concen: 6.508 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.136 min
Lab File: VN076398.D
Acq: 25 Jan 2023 13:46

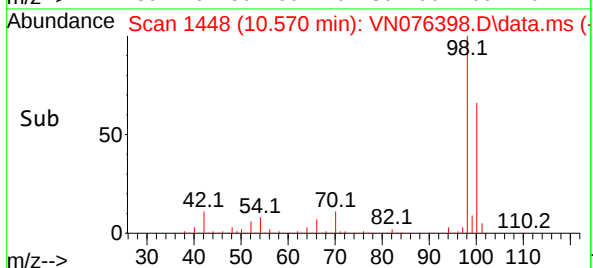
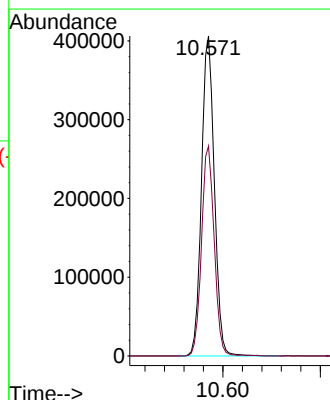
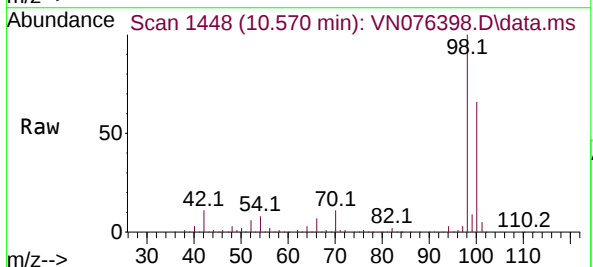
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-378-380

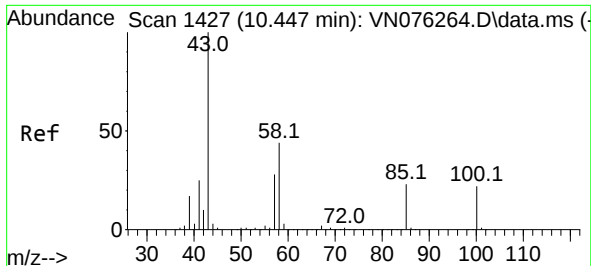
Tgt Ion:117 Resp: 44490
Ion Ratio Lower Upper
117 100
119 5.6 75.4 113.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 46.535 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.001 min
Lab File: VN076398.D
Acq: 25 Jan 2023 13:46

Tgt Ion: 98 Resp: 741482
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4

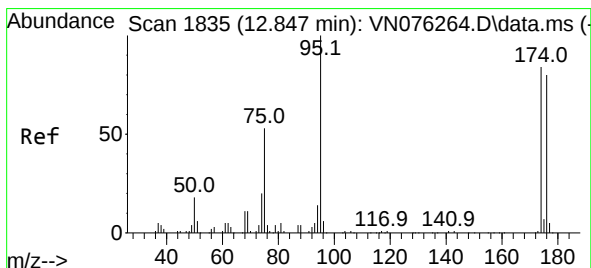
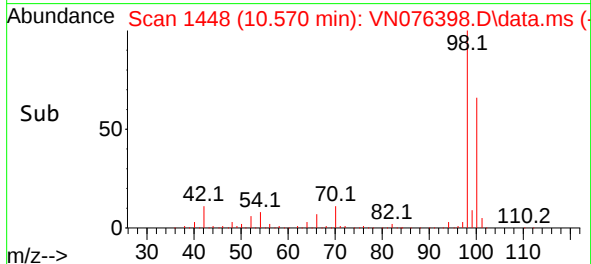
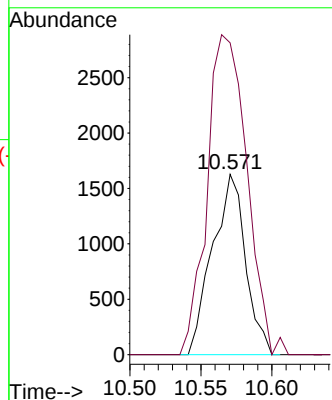
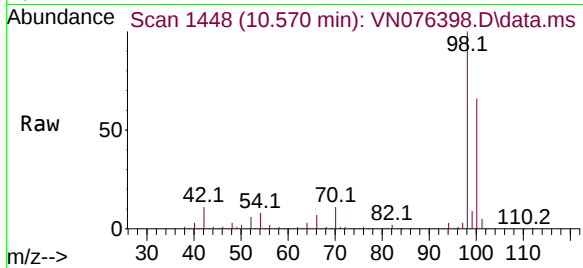




#51
4-Methyl-2-Pentanone
Concen: 0.562 ug/l
RT: 10.570 min Scan# 1427
Delta R.T. 0.123 min
Lab File: VN076398.D
Acq: 25 Jan 2023 13:46

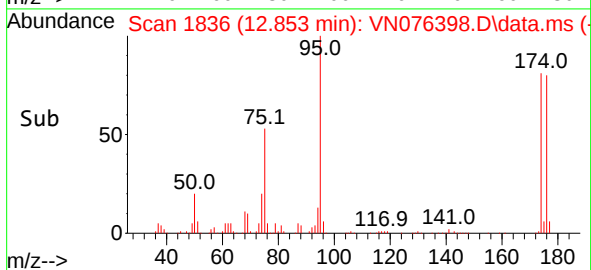
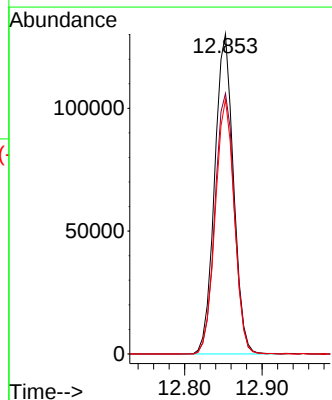
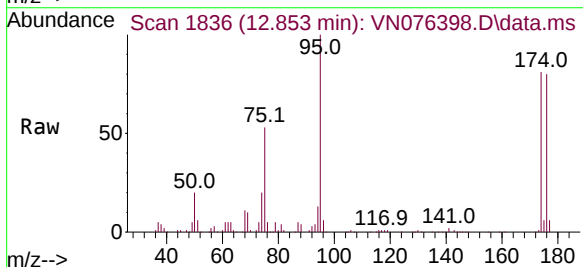
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-378-380

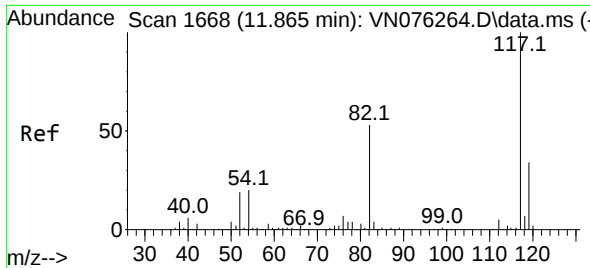
Tgt Ion: 43 Resp: 2638
Ion Ratio Lower Upper
43 100
58 213.2 35.1 52.7#



#62
4-Bromofluorobenzene
Concen: 42.271 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076398.D
Acq: 25 Jan 2023 13:46

Tgt Ion: 95 Resp: 219876
Ion Ratio Lower Upper
95 100
174 83.8 0.0 174.6
176 80.2 0.0 167.8

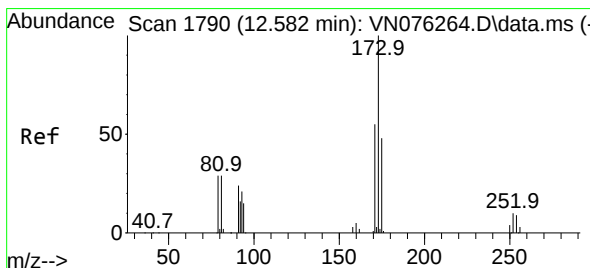
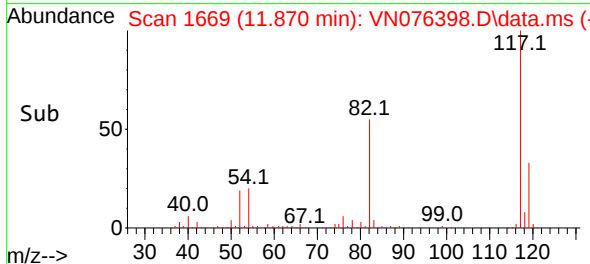
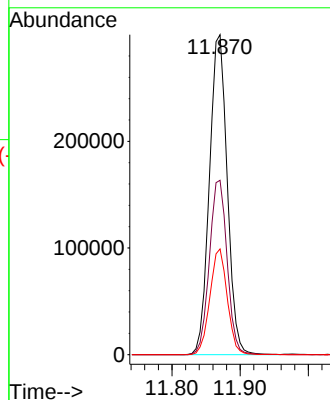
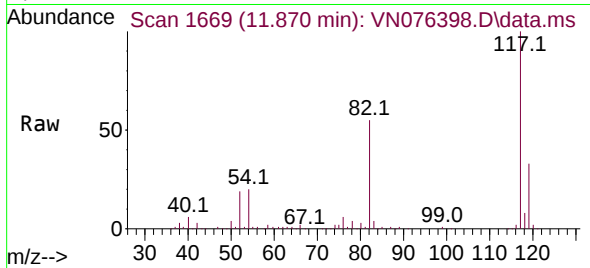




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN076398.D
Acq: 25 Jan 2023 13:46

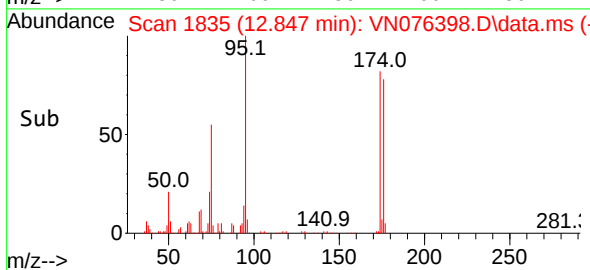
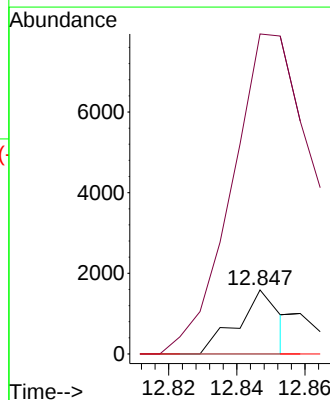
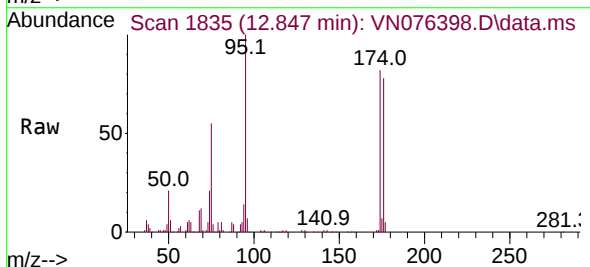
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-378-380

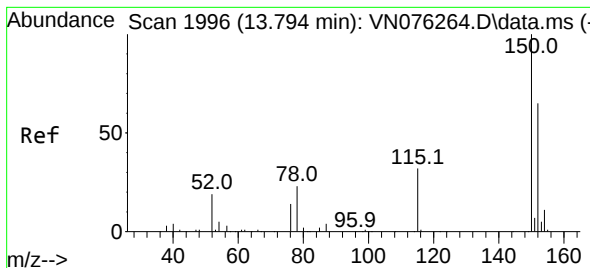
Tgt Ion:117 Resp: 545328
Ion Ratio Lower Upper
117 100
82 54.5 42.2 63.2
119 33.0 26.9 40.3



#71
Bromoform
Concen: 0.439 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN076398.D
Acq: 25 Jan 2023 13:46

Tgt Ion:173 Resp: 1359
Ion Ratio Lower Upper
173 100
175 806.5 24.1 72.4#
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: VN076398.D

Acq: 25 Jan 2023 13:46

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW10-GW-378-380

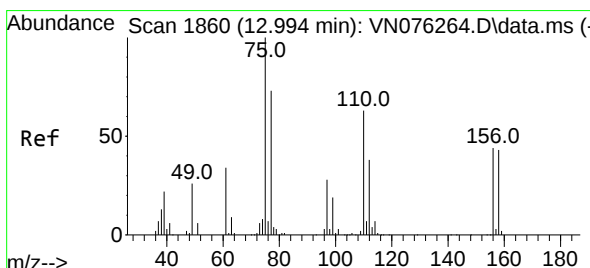
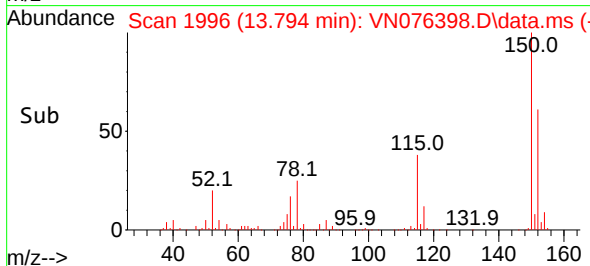
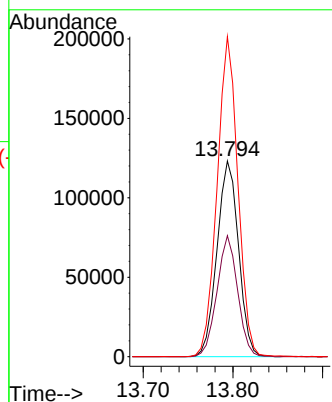
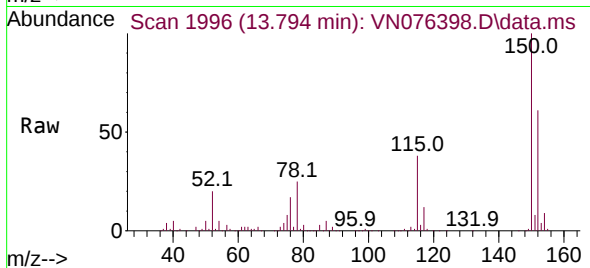
Tgt Ion:152 Resp: 205138

Ion Ratio Lower Upper

152 100

115 59.2 29.6 88.9

150 157.8 0.0 351.4



#76

1,2,3-Trichloropropane

Concen: 31.696 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN076398.D

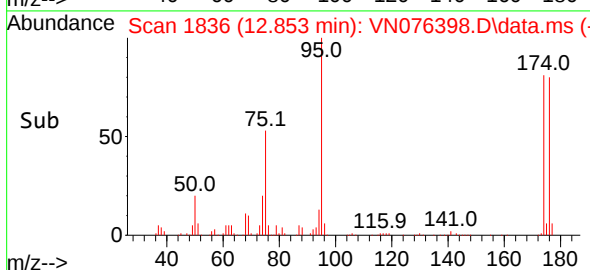
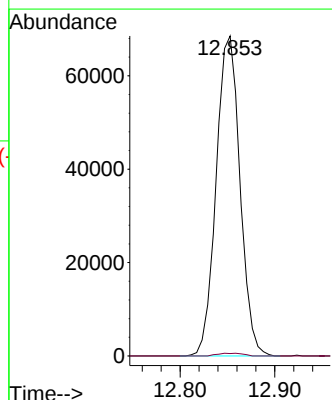
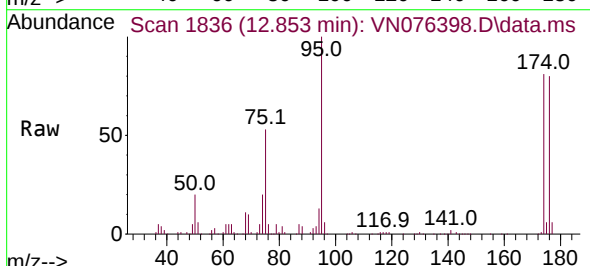
Acq: 25 Jan 2023 13:46

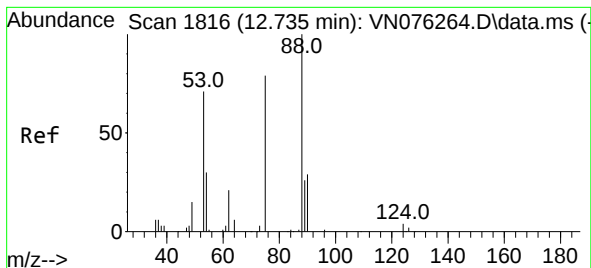
Tgt Ion: 75 Resp: 119746

Ion Ratio Lower Upper

75 100

77 0.9 75.2 225.6#

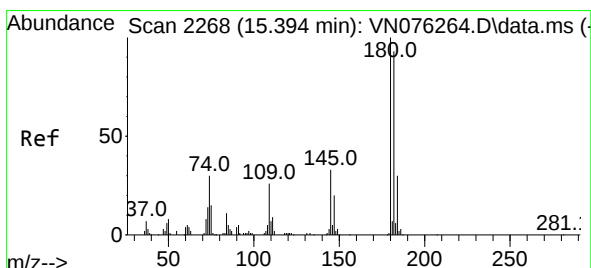
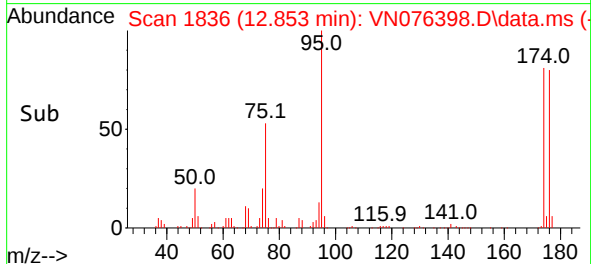
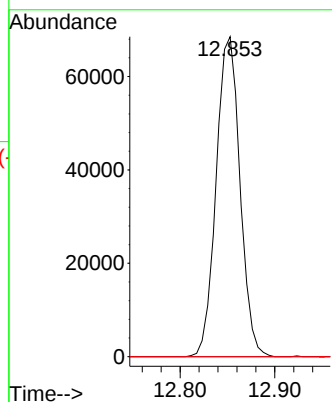
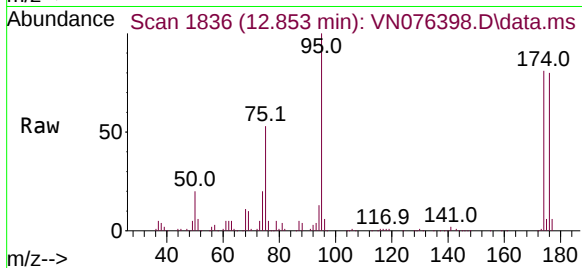




#81
trans-1,4-Dichloro-2-butene
Concen: 97.123 ug/l
RT: 12.853 min Scan# 119746
Delta R.T. 0.118 min
Lab File: VN076398.D
Acq: 25 Jan 2023 13:46

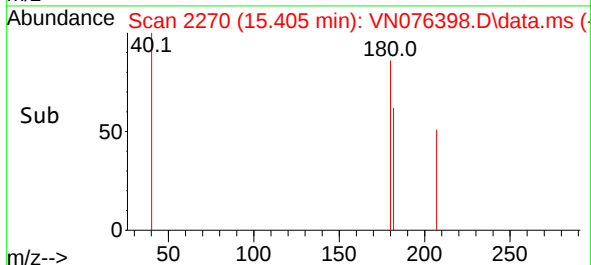
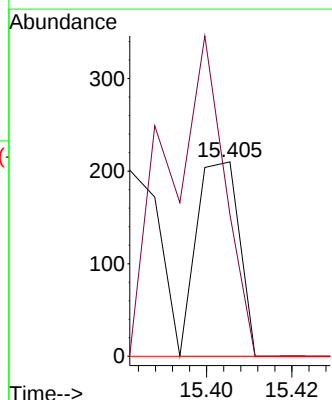
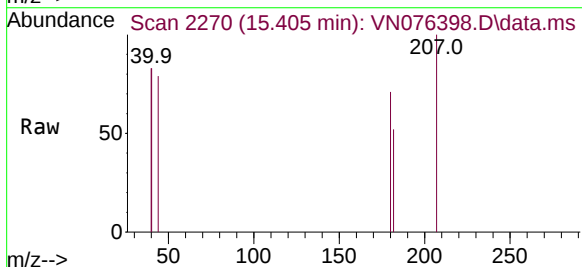
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-378-380

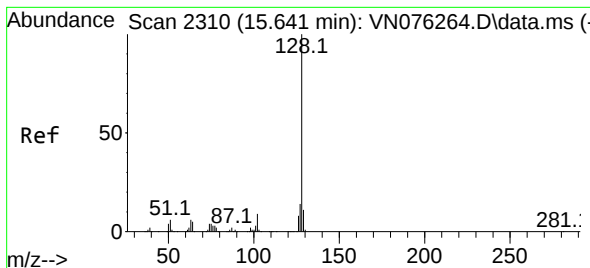
Tgt Ion: 75 Resp: 119746
Ion Ratio Lower Upper
75 100
53 0.0 75.8 113.8#
89 0.0 37.0 55.6#



#93
1,2,4-Trichlorobenzene
Concen: 1.345 ug/l
RT: 15.405 min Scan# 2270
Delta R.T. 0.011 min
Lab File: VN076398.D
Acq: 25 Jan 2023 13:46

Tgt Ion:180 Resp: 146
Ion Ratio Lower Upper
180 100
182 221.2 47.0 141.2#
145 0.0 15.2 45.5#





#95

Naphthalene

Concen: 1.980 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN076398.D

Acq: 25 Jan 2023 13:46

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW10-GW-378-380

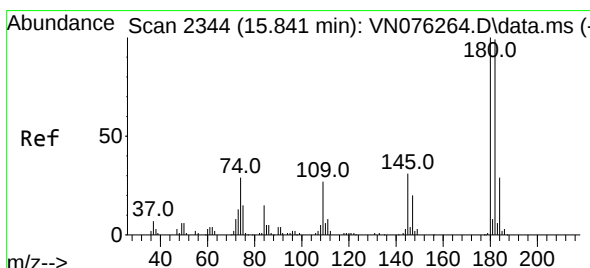
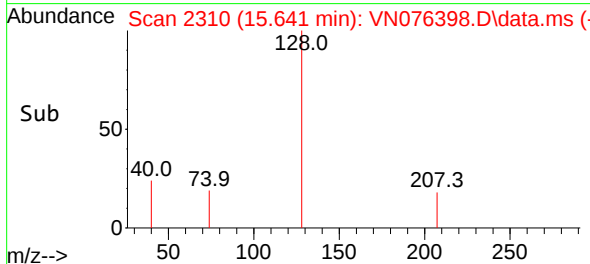
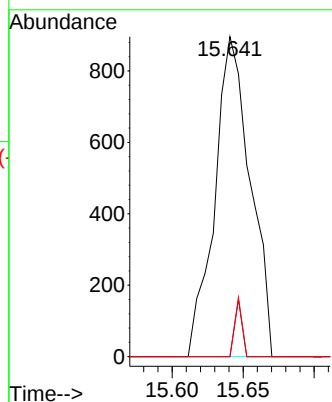
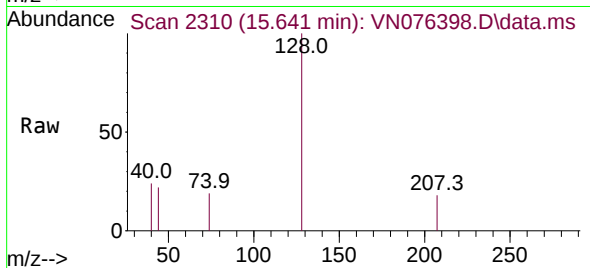
Tgt Ion:128 Resp: 1564

Ion Ratio Lower Upper

128 100

127 3.6 10.3 15.5#

129 3.8 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 1.274 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.006 min

Lab File: VN076398.D

Acq: 25 Jan 2023 13:46

Tgt Ion:180 Resp: 421

Ion Ratio Lower Upper

180 100

182 31.1 47.5 142.5#

145 0.0 15.9 47.6#

