

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079809.D
 Acq On : 02 Nov 2023 19:57
 Operator : JC\MD
 Sample : 05224-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-188-GW-280-282

Quant Time: Nov 03 04:06:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

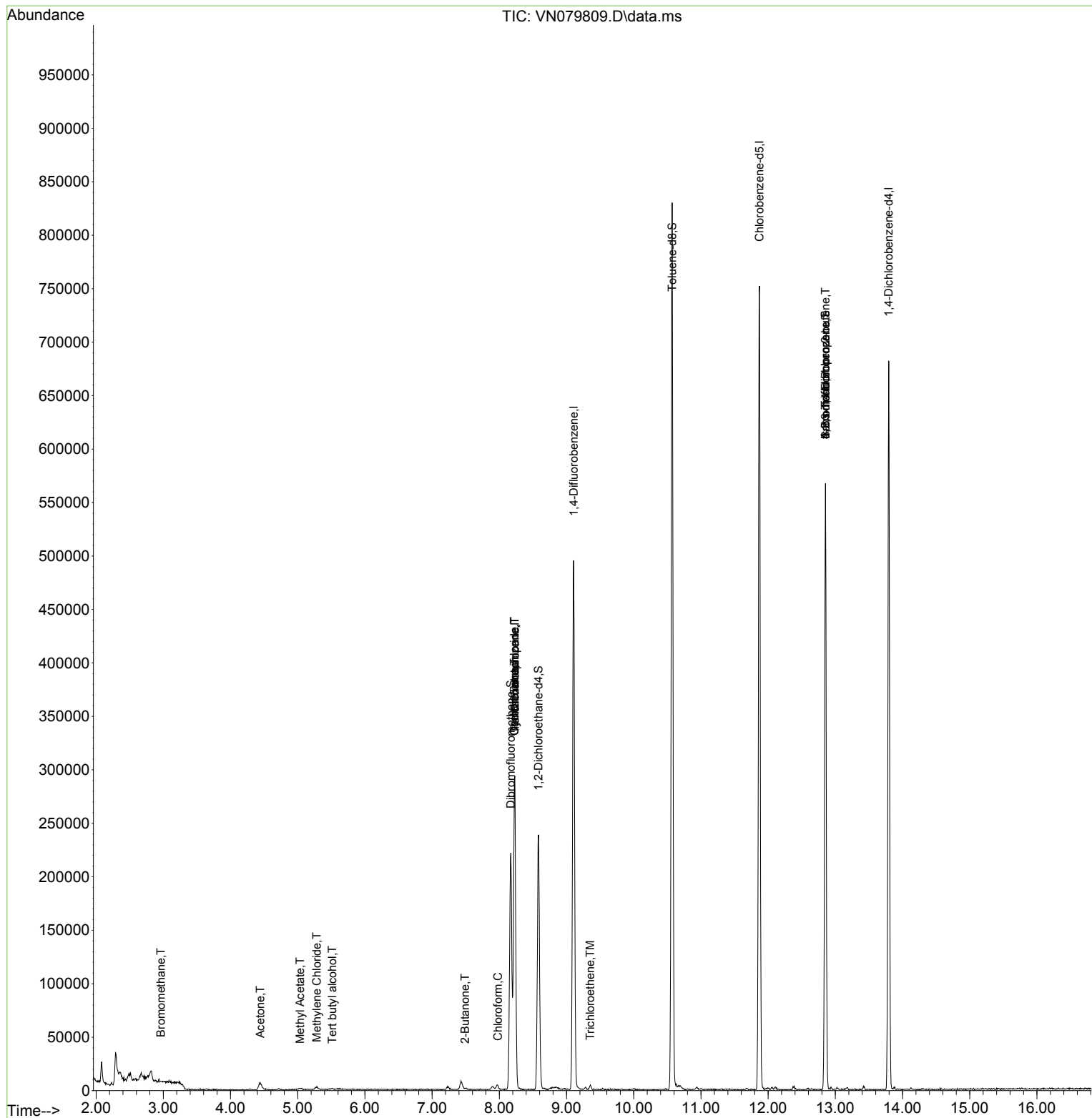
Internal Standards						
1) Pentafluorobenzene	8.230	168	205318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	411840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	432652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	169274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	190603	60.933	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 121.860%			
35) Dibromofluoromethane	8.171	113	159775	54.814	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.620%			
50) Toluene-d8	10.571	98	543450	50.645	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.300%			
62) 4-Bromofluorobenzene	12.853	95	184548	51.857	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.720%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.965	94	412	0.209	ug/l	89
11) Tert butyl alcohol	5.512	59	251	0.629	ug/l #	72
16) Acetone	4.442	43	13435	12.227	ug/l #	85
18) Methyl Acetate	5.036	43	1826	0.347	ug/l #	76
20) Methylene Chloride	5.283	84	1126	0.406	ug/l #	75
25) 2-Butanone	7.489	43	1183	0.735	ug/l #	37
30) Chloroform	7.977	83	4091	0.790	ug/l	86
31) Cyclohexane	8.224	56	5597	1.354	ug/l #	44
36) 1,1-Dichloropropene	8.230	75	18280	4.392	ug/l #	48
38) Carbon Tetrachloride	8.224	117	23077	5.502	ug/l #	16
44) Trichloroethene	9.353	130	1790	0.579	ug/l	97
71) Bromoform	12.853	173	1912	0.796	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	101075	25.434	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	101075	69.199	ug/l #	15

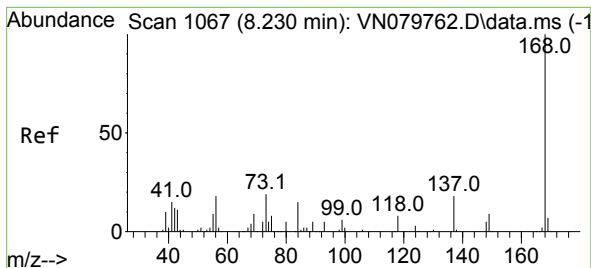
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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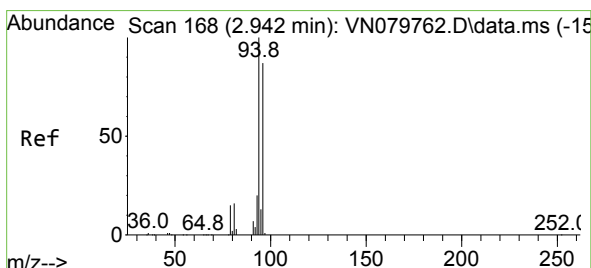
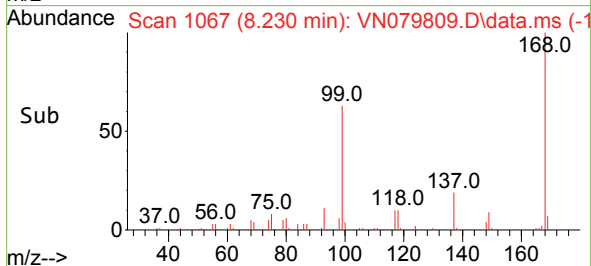
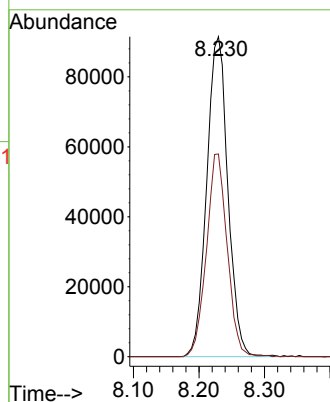
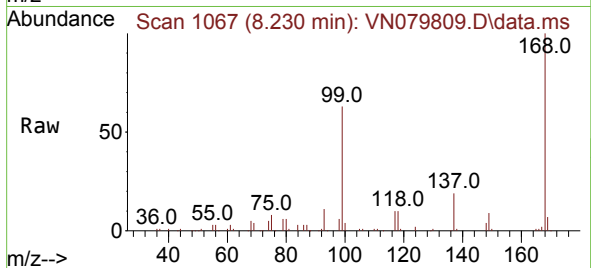




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079809.D
Acq: 02 Nov 2023 19:57

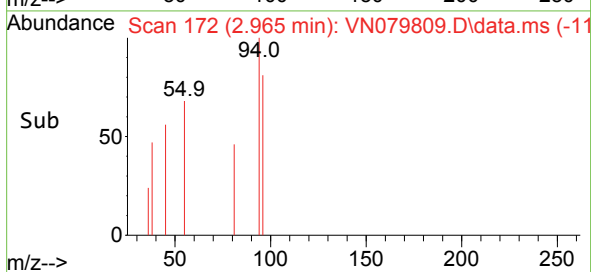
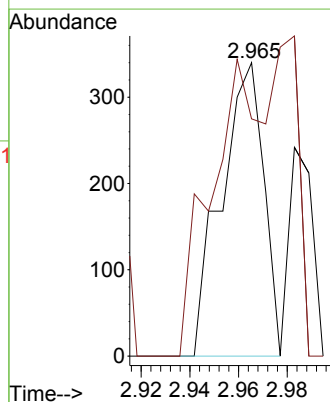
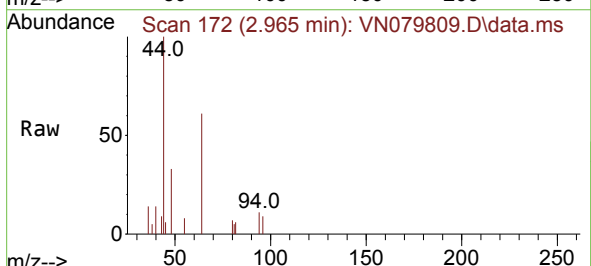
Instrument :
MSVOA_N
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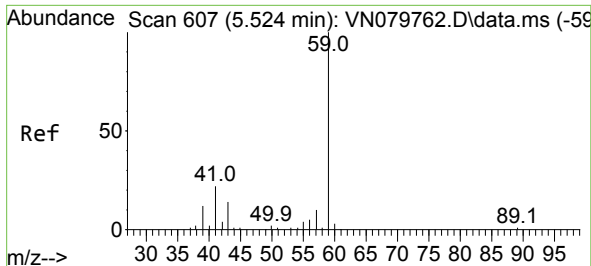
Tgt Ion:168 Resp: 205318
Ion Ratio Lower Upper
168 100
99 63.3 53.0 79.6



#5
Bromomethane
Concen: 0.209 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.012 min
Lab File: VN079809.D
Acq: 02 Nov 2023 19:57

Tgt Ion: 94 Resp: 412
Ion Ratio Lower Upper
94 100
96 80.9 73.1 109.7

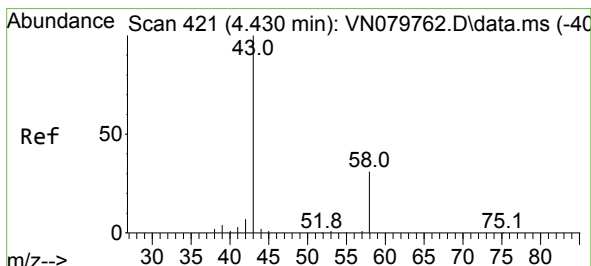
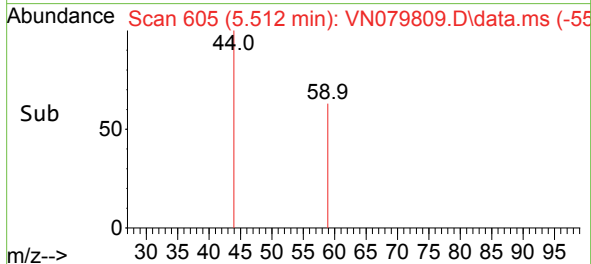
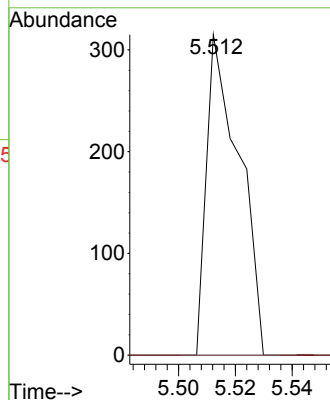
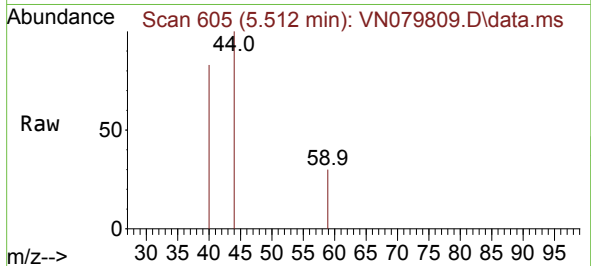




#11
Tert butyl alcohol
Concen: 0.629 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN079809.D
Acq: 02 Nov 2023 19:57

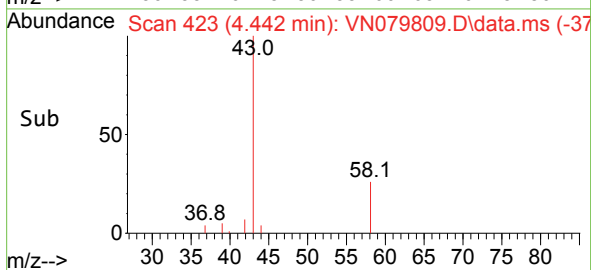
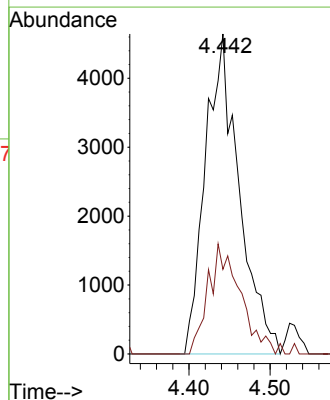
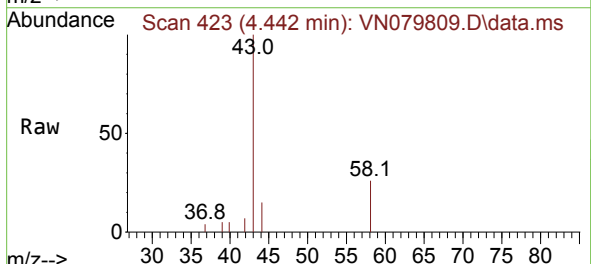
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-188-GW-280-282

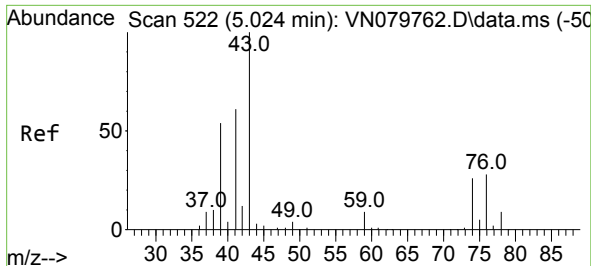
Tgt Ion: 59 Resp: 251
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 12.227 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079809.D
Acq: 02 Nov 2023 19:57

Tgt Ion: 43 Resp: 13435
Ion Ratio Lower Upper
43 100
58 26.4 28.0 42.0#

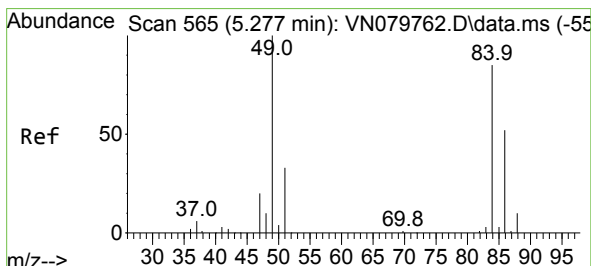
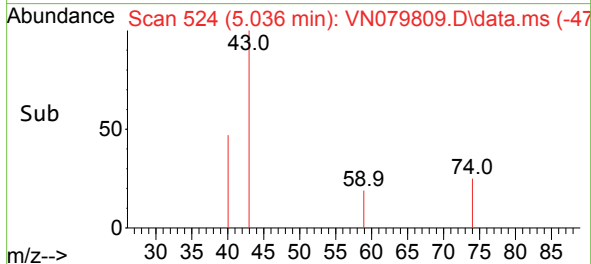
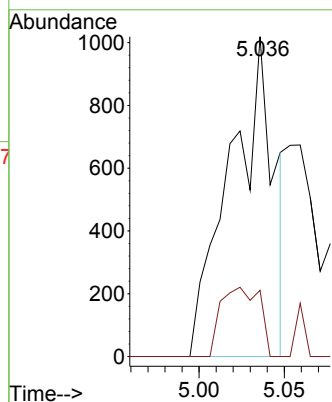
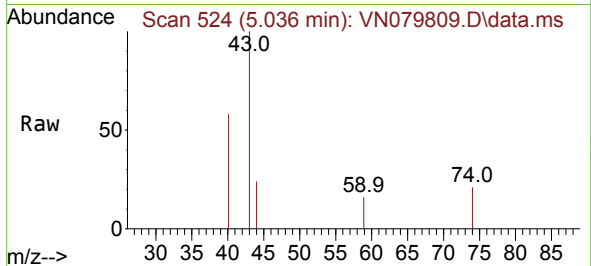




#18
Methyl Acetate
Concen: 0.347 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN079809.D
Acq: 02 Nov 2023 19:57

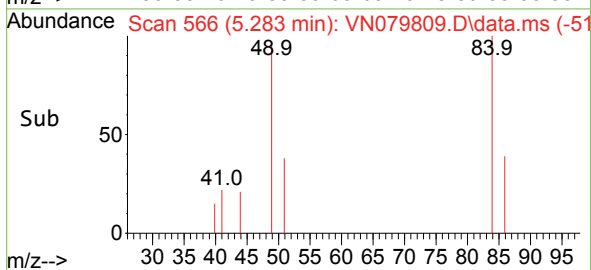
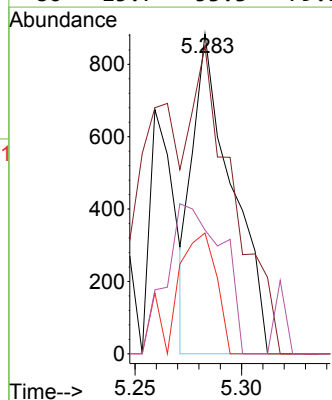
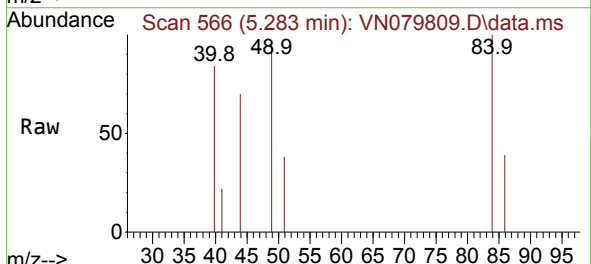
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-188-GW-280-282

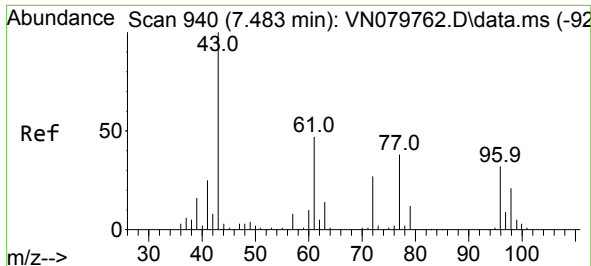
Tgt Ion: 43 Resp: 1826
Ion Ratio Lower Upper
43 100
74 19.1 26.2 39.4#



#20
Methylene Chloride
Concen: 0.406 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN079809.D
Acq: 02 Nov 2023 19:57

Tgt Ion: 84 Resp: 1126
Ion Ratio Lower Upper
84 100
49 96.3 79.7 119.5
51 37.8 25.2 37.8
86 15.7 53.3 79.9#

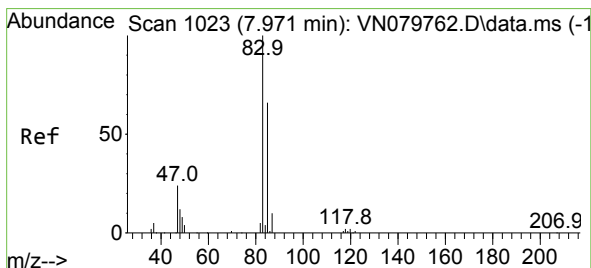
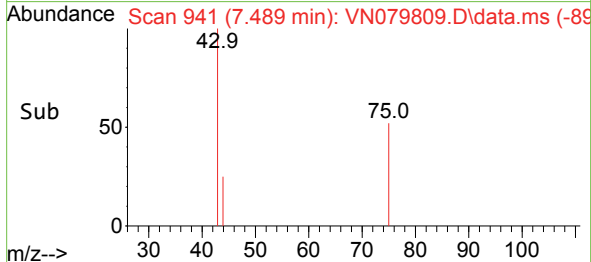
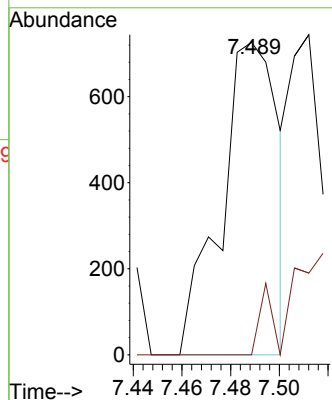
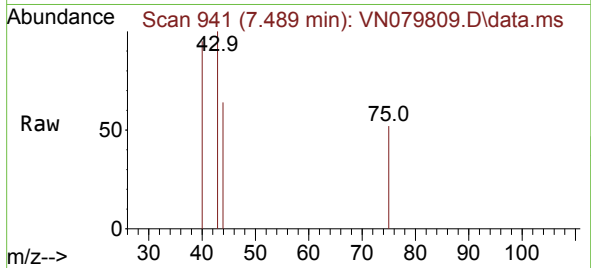




#25
2-Butanone
Concen: 0.735 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079809.D
Acq: 02 Nov 2023 19:57

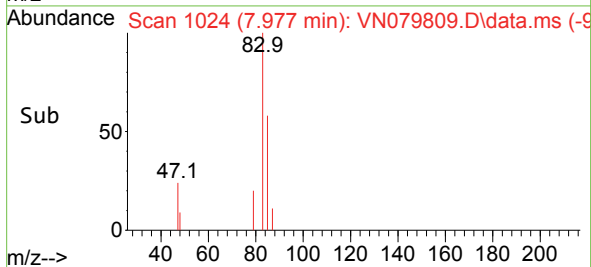
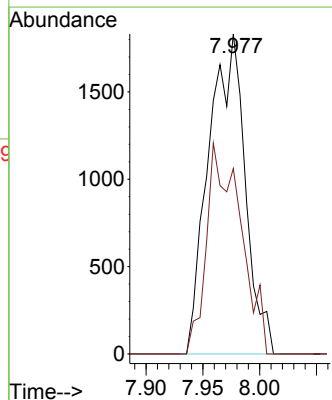
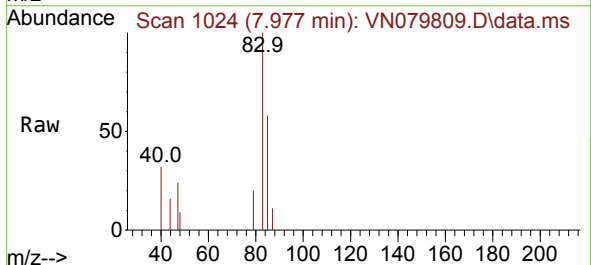
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-188-GW-280-282

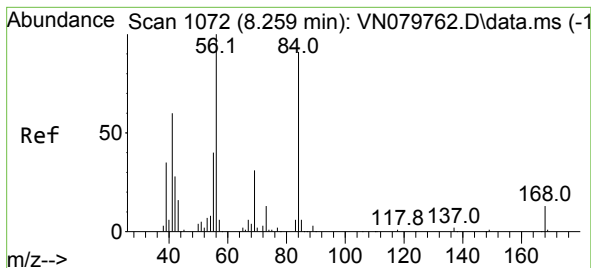
Tgt Ion: 43 Resp: 1183
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



#30
Chloroform
Concen: 0.790 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.006 min
Lab File: VN079809.D
Acq: 02 Nov 2023 19:57

Tgt Ion: 83 Resp: 4091
Ion Ratio Lower Upper
83 100
85 58.0 55.4 83.0





#31

Cyclohexane

Concen: 1.354 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN079809.D

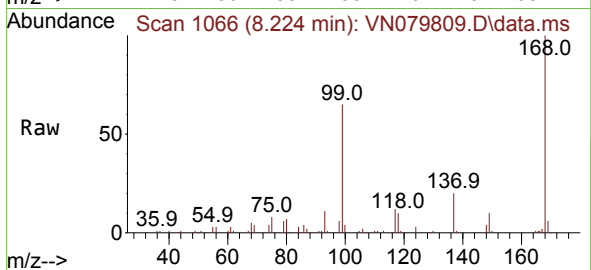
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Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-188-GW-280-282



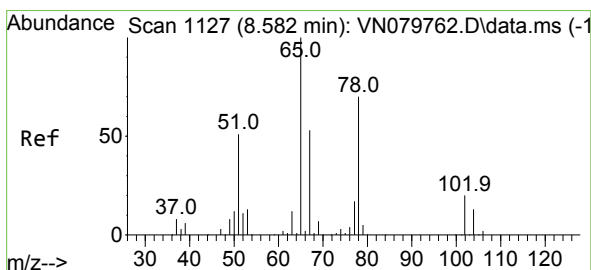
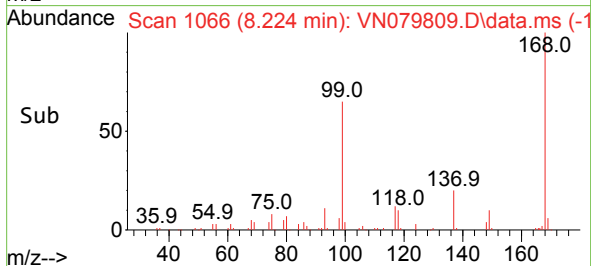
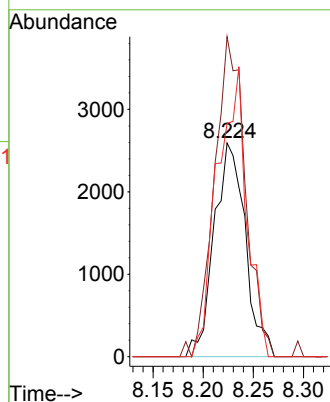
Tgt Ion: 56 Resp: 5597

Ion Ratio Lower Upper

56 100

69 149.7 26.8 40.2#

84 109.3 81.8 122.6



#33

1,2-Dichloroethane-d4

Concen: 60.933 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079809.D

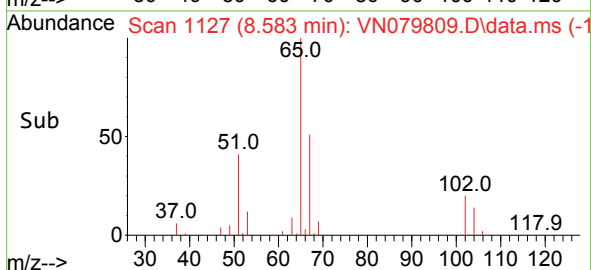
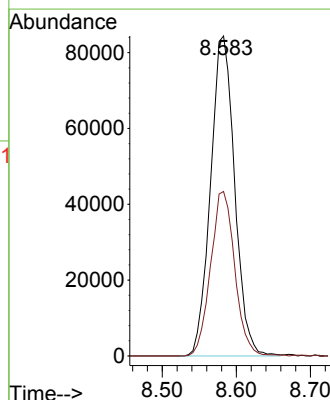
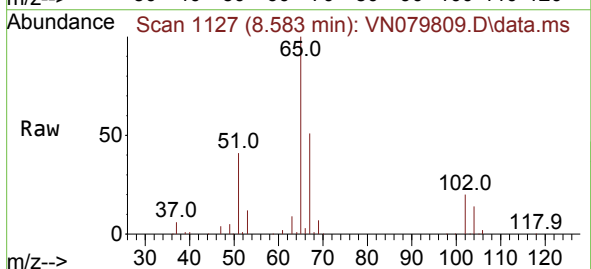
Acq: 02 Nov 2023 19:57

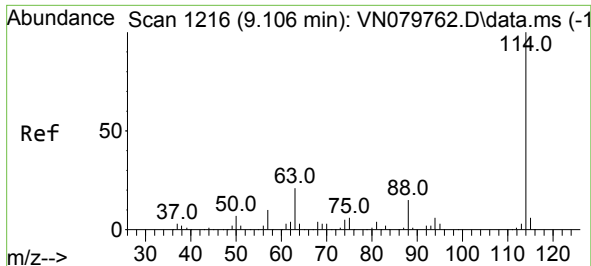
Tgt Ion: 65 Resp: 190603

Ion Ratio Lower Upper

65 100

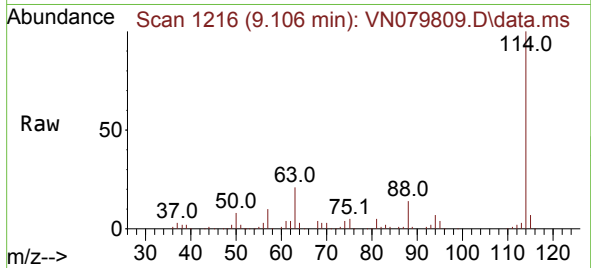
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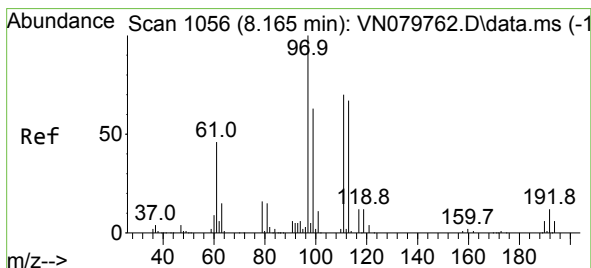
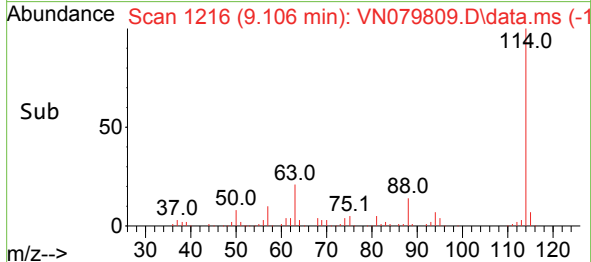
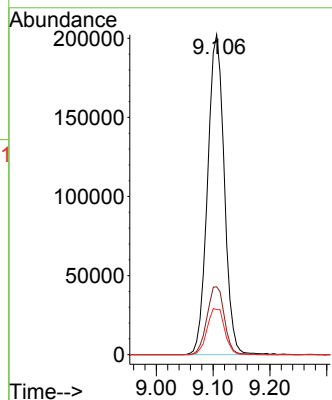


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079809.D
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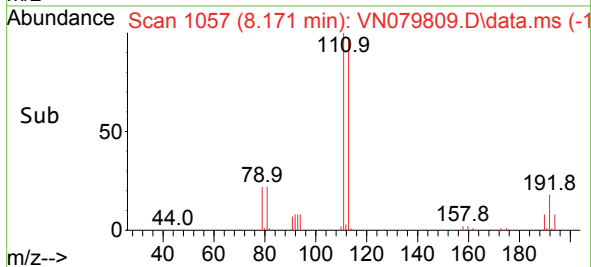
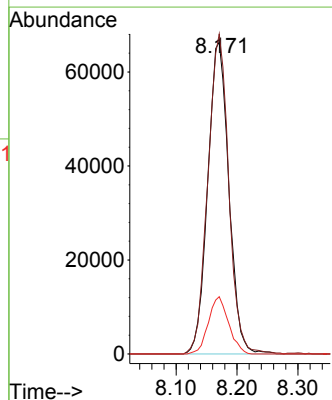
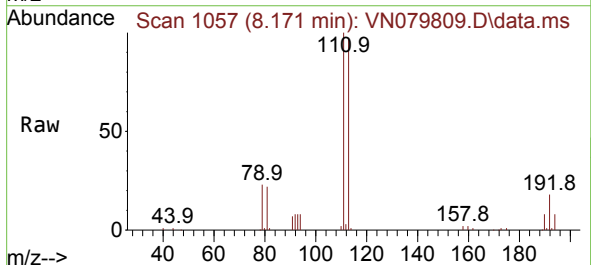


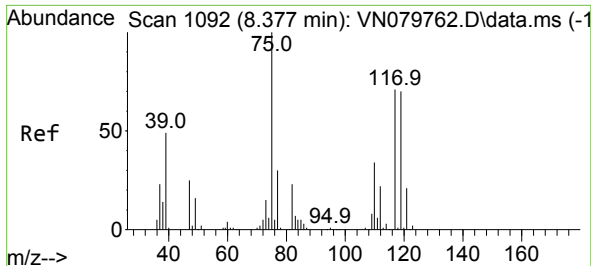
Tgt Ion:114 Resp: 411840
Ion Ratio Lower Upper
114 100
63 21.2 0.0 36.4
88 14.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.814 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079809.D
Acq: 02 Nov 2023 19:57

Tgt Ion:113 Resp: 159775
Ion Ratio Lower Upper
113 100
111 101.6 82.6 123.8
192 17.6 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.392 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN079809.D

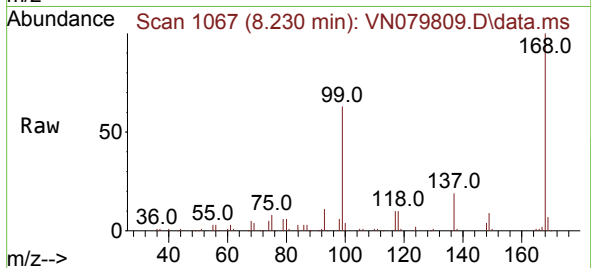
Acq: 02 Nov 2023 19:57

Instrument :

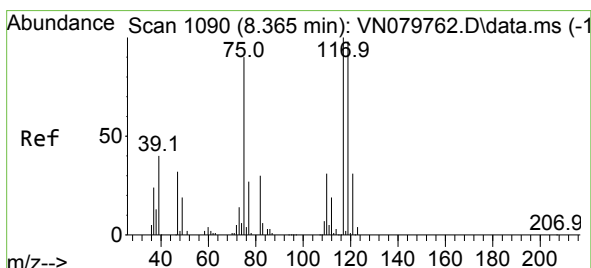
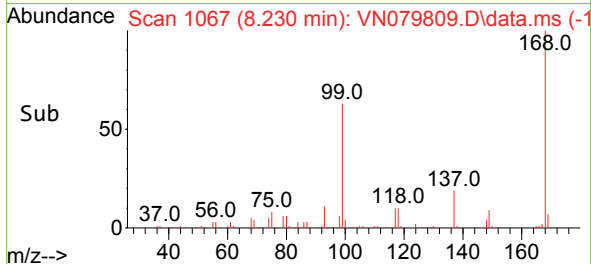
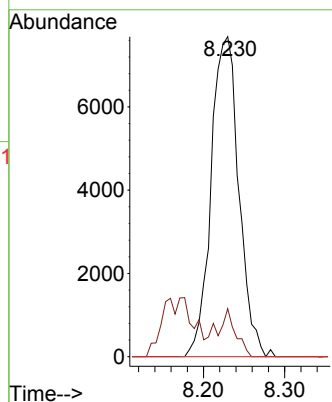
MSVOA_N

ClientSampleId :

BP-VPB-188-GW-280-282



Tgt Ion:	75	Resp:	18280
Ion Ratio	Lower	Upper	
75	100		
110	9.5	19.1	57.3#
77	0.0	25.0	37.4#



#38

Carbon Tetrachloride

Concen: 5.502 ug/l

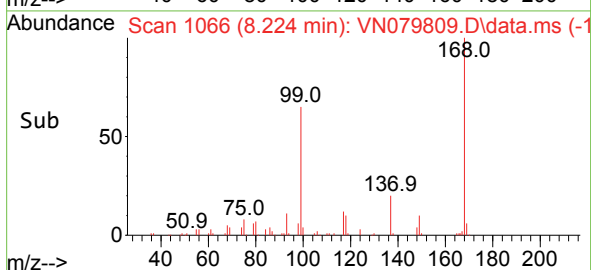
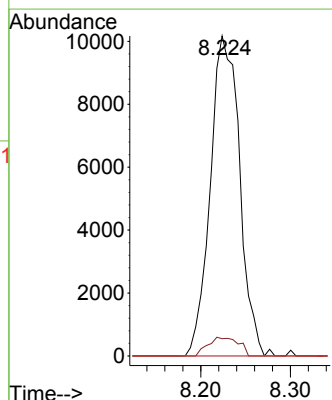
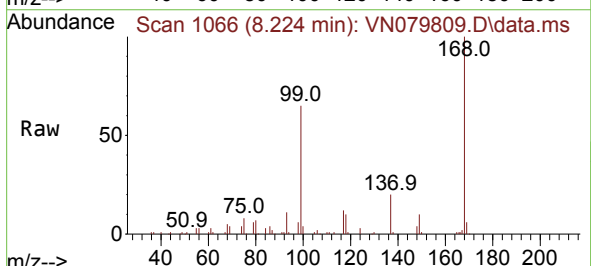
RT: 8.224 min Scan# 1066

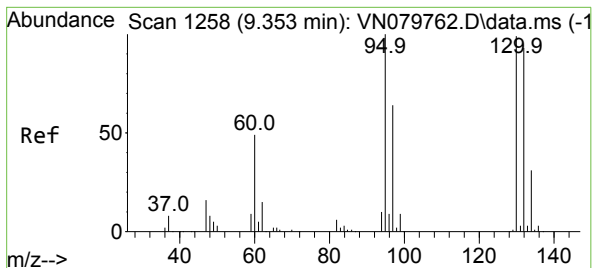
Delta R.T. -0.135 min

Lab File: VN079809.D

Acq: 02 Nov 2023 19:57

Tgt Ion:	117	Resp:	23077
Ion Ratio	Lower	Upper	
117	100		
119	5.4	77.3	115.9#
121	0.0	23.3	34.9#





#44

Trichloroethene

Concen: 0.579 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN079809.D

Acq: 02 Nov 2023 19:57

Instrument :

MSVOA_N

ClientSampleId :

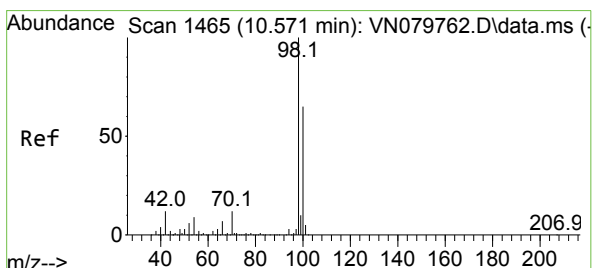
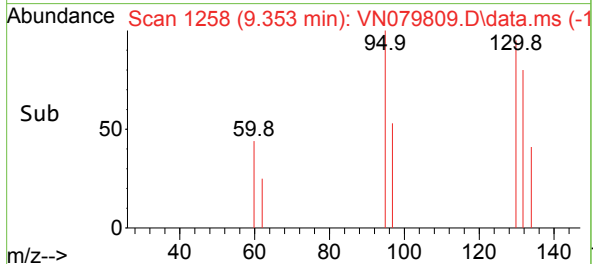
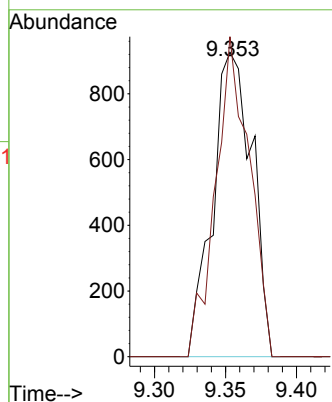
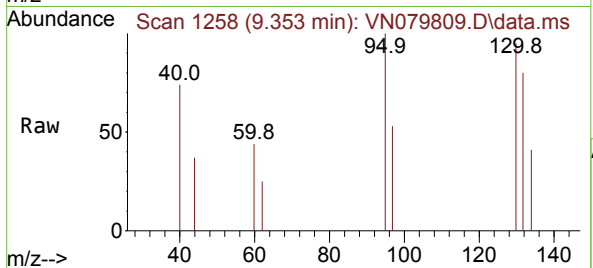
BP-VPB-188-GW-280-282

Tgt Ion:130 Resp: 1790

Ion Ratio Lower Upper

130 100

95 105.1 0.0 204.6



#50

Toluene-d8

Concen: 50.645 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079809.D

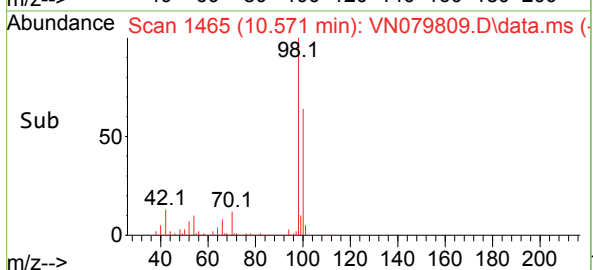
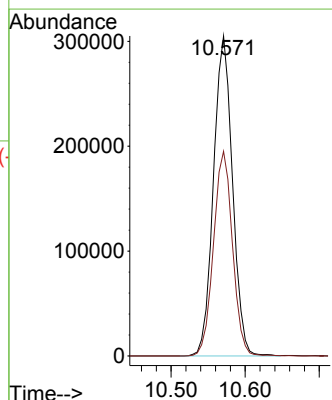
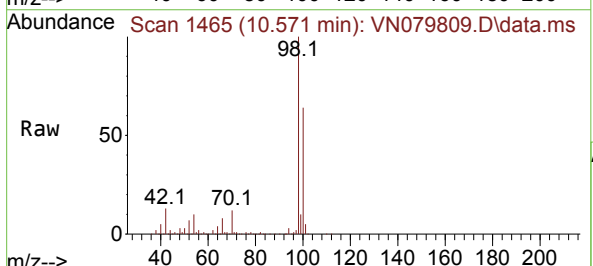
Acq: 02 Nov 2023 19:57

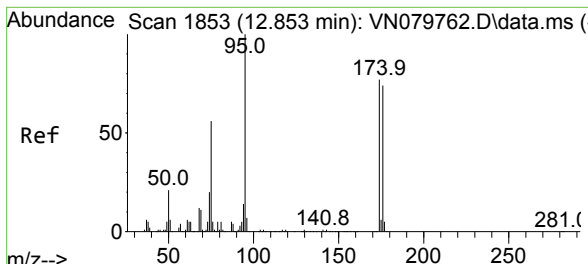
Tgt Ion: 98 Resp: 543450

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0

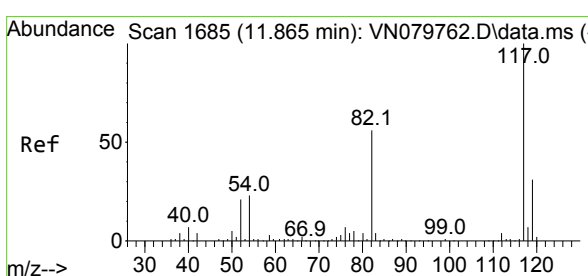
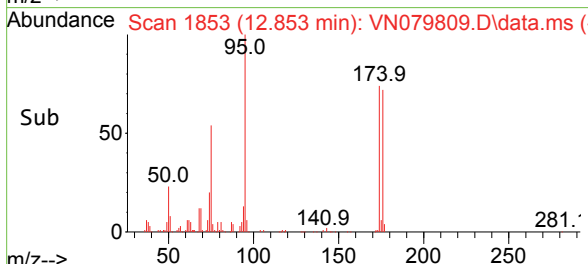
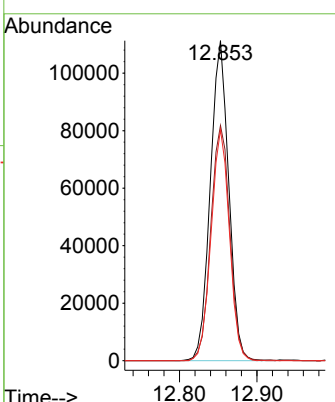
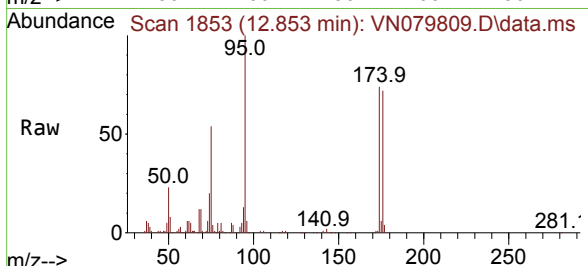




#62
 4-Bromofluorobenzene
 Concen: 51.857 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN079809.D
 Acq: 02 Nov 2023 19:57

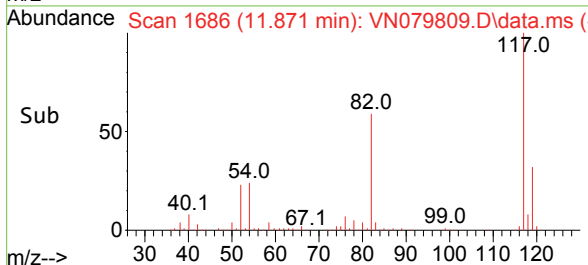
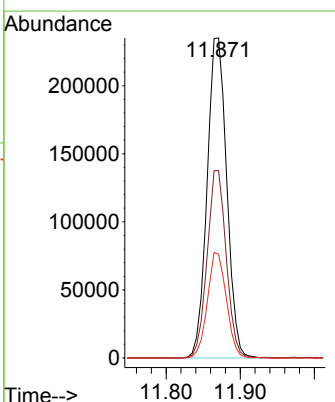
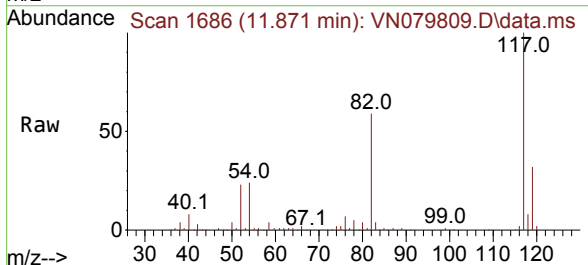
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-188-GW-280-282

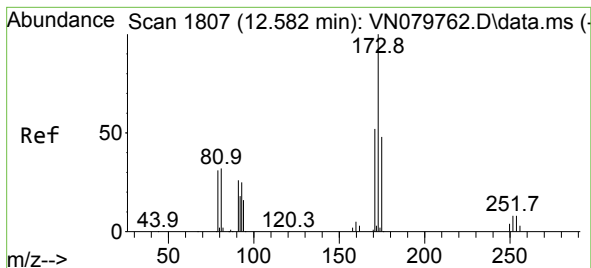
Tgt Ion:	95	Resp:	184548
Ion	Ratio	Lower	Upper
95	100		
174	76.0	0.0	143.8
176	71.6	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. 0.000 min
 Lab File: VN079809.D
 Acq: 02 Nov 2023 19:57

Tgt Ion:	117	Resp:	432652
Ion	Ratio	Lower	Upper
117	100		
82	58.5	44.0	66.0
119	32.4	25.6	38.4





#71

Bromoform

Concen: 0.796 ug/l

RT: 12.853 min Scan# 1807

Delta R.T. 0.271 min

Lab File: VN079809.D

Acq: 02 Nov 2023 19:57

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-188-GW-280-282

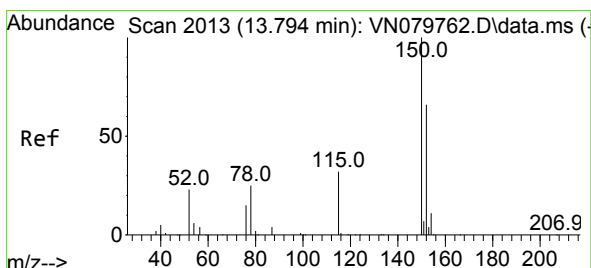
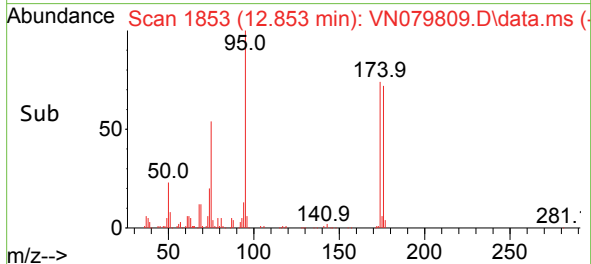
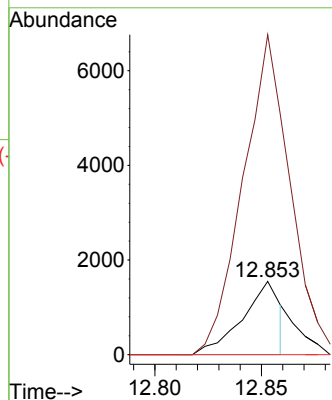
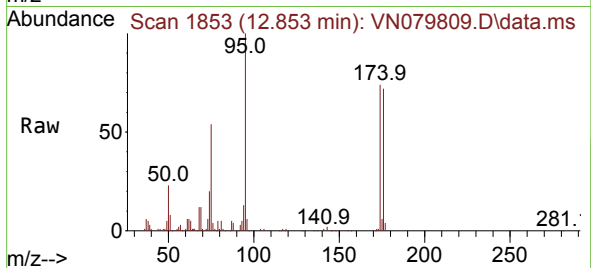
Tgt Ion:173 Resp: 1912

Ion Ratio Lower Upper

173 100

175 436.6 24.3 73.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079809.D

Acq: 02 Nov 2023 19:57

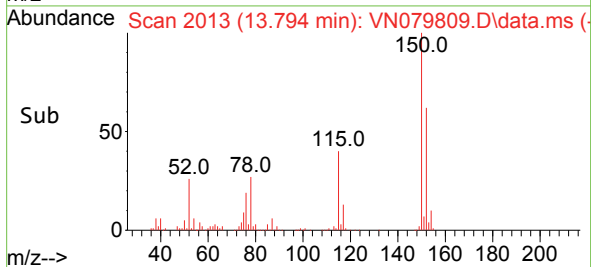
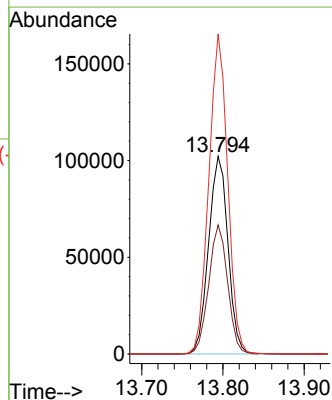
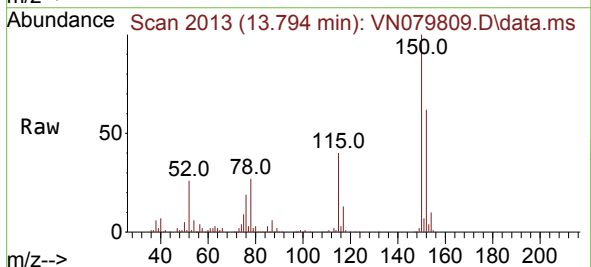
Tgt Ion:152 Resp: 169274

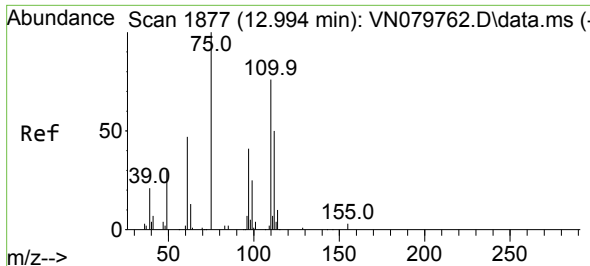
Ion Ratio Lower Upper

152 100

115 63.8 32.3 96.8

150 157.5 0.0 355.8

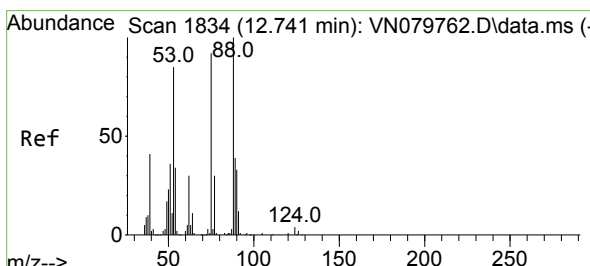
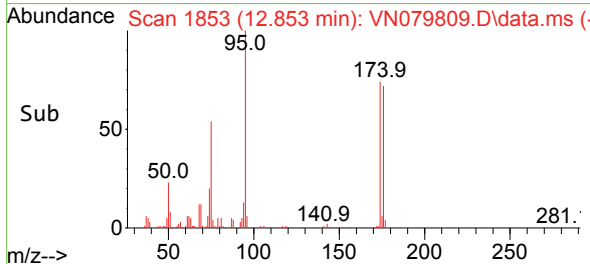
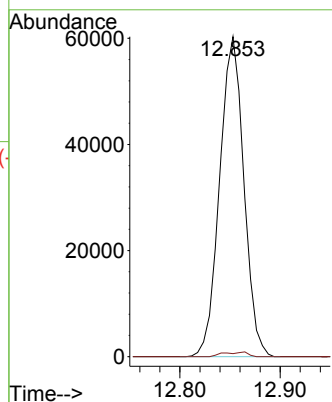
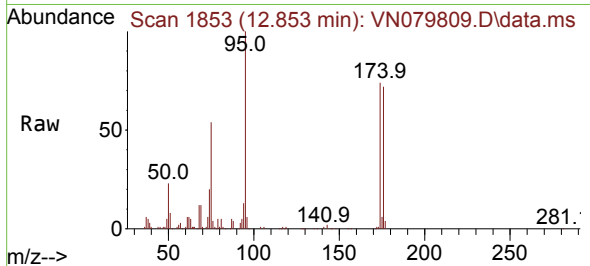




#76
1,2,3-Trichloropropane
Concen: 25.434 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN079809.D
Acq: 02 Nov 2023 19:57

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-188-GW-280-282

Tgt Ion: 75 Resp: 101075
Ion Ratio Lower Upper
75 100
77 1.5 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.199 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN079809.D
Acq: 02 Nov 2023 19:57

Tgt Ion: 75 Resp: 101075
Ion Ratio Lower Upper
75 100
53 0.2 67.4 101.2#
89 0.1 38.8 58.2#

