

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060923\
 Data File : VN078144.D
 Acq On : 09 Jun 2023 14:34
 Operator : JC\MD
 Sample : 03123-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-778-780

Quant Time: Jun 09 23:08:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

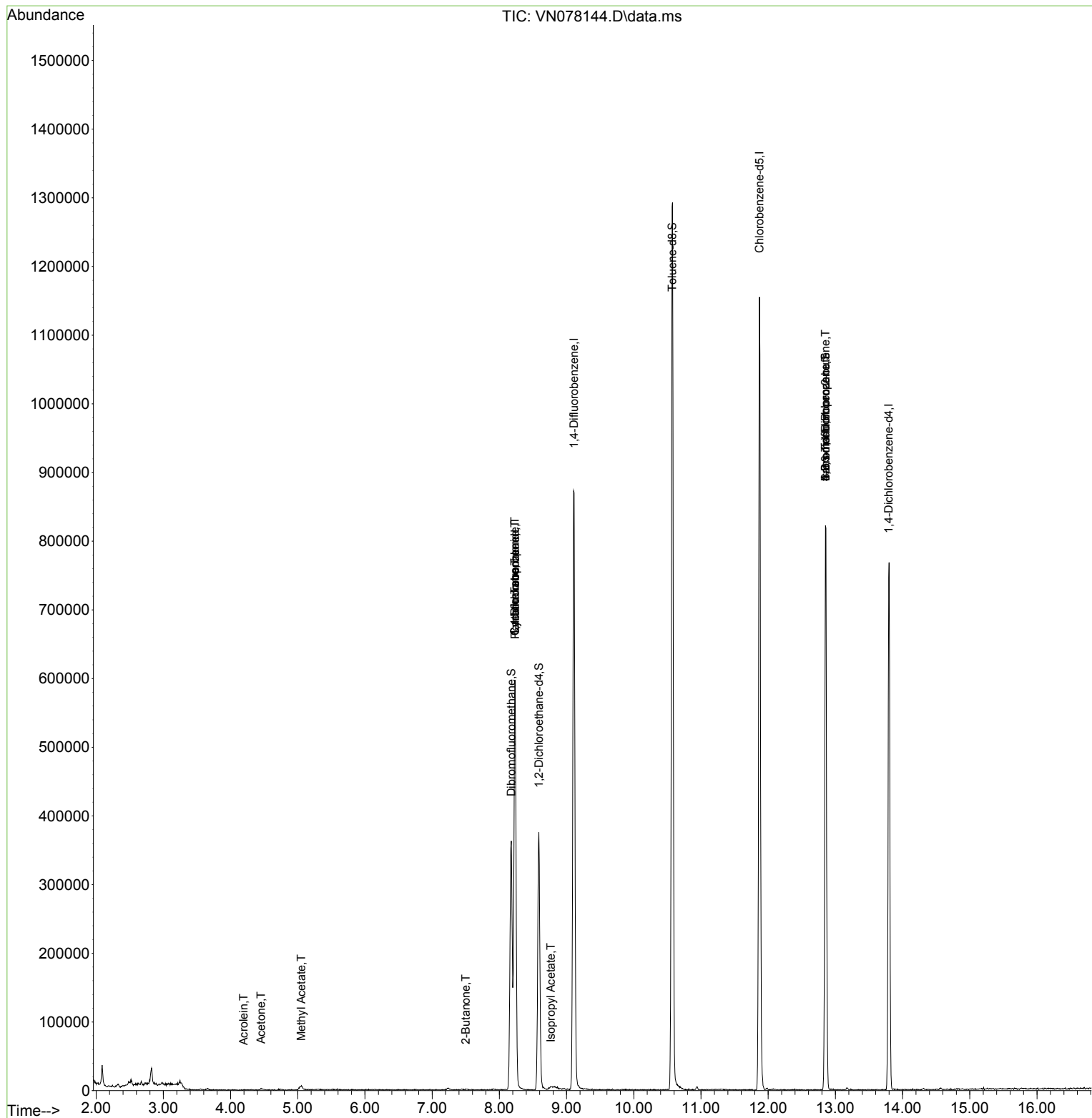
Internal Standards							
1) Pentafluorobenzene		8.235	168	430799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		9.112	114	801900	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.870	117	699540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.794	152	209519	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.588	65	301565	52.502	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.000%	
35) Dibromofluoromethane		8.177	113	265017	52.268	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.540%	
50) Toluene-d8		10.571	98	947743	48.486	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.980%	
62) 4-Bromofluorobenzene		12.853	95	300330	49.424	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.840%	
Target Compounds							
						Qvalue	
3) Chloromethane		2.377	50	934	Below Cal		99
13) Acrolein		4.194	56	203	0.232	ug/l #	16
16) Acetone		4.453	43	1708	1.033	ug/l #	79
18) Methyl Acetate		5.053	43	11097	1.458	ug/l #	42
25) 2-Butanone		7.500	43	912	0.359	ug/l #	81
31) Cyclohexane		8.229	56	10080	1.368	ug/l #	20
36) 1,1-Dichloropropene		8.229	75	37709	5.185	ug/l #	49
38) Carbon Tetrachloride		8.229	117	47018	6.123	ug/l #	17
43) Isopropyl Acetate		8.765	43	3865	0.356	ug/l #	49
71) Bromoform		12.853	173	2342	0.659	ug/l #	1
75) 1,1,2,2-Tetrachloroethane		12.847	83	563	Below Cal	#	1
76) 1,2,3-Trichloropropane		12.853	75	161493	32.604	ug/l #	1
81) trans-1,4-Dichloro-2-b...		12.853	75	161493	100.171	ug/l #	15

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060923\
Data File : VN078144.D
Acq On : 09 Jun 2023 14:34
Operator : JC\MD
Sample : 03123-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-778-780

Quant Time: Jun 09 23:08:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078144.D

Acq: 09 Jun 2023 14:34

Instrument :

MSVOA_N

ClientSampleId :

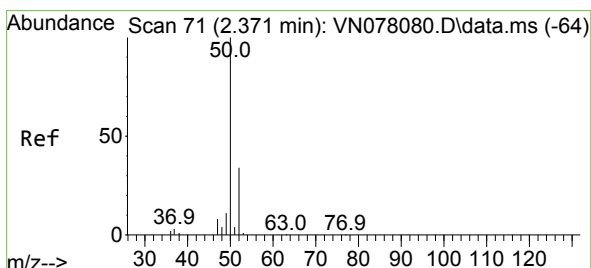
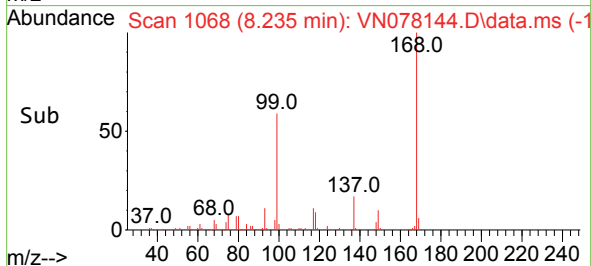
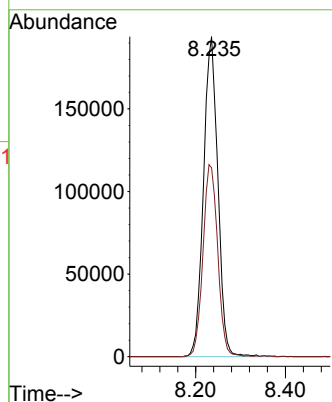
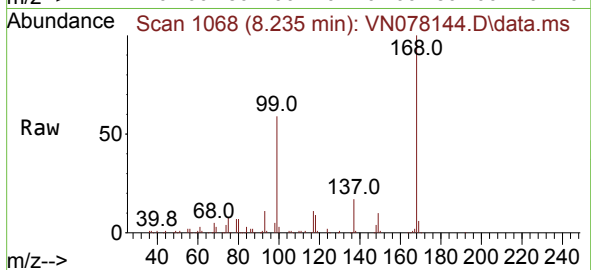
BP-VPB-RW11-GW-778-780

Tgt Ion:168 Resp: 430799

Ion Ratio Lower Upper

168 100

99 59.1 53.0 79.6



#3

Chloromethane

Concen: Below Cal

RT: 2.377 min Scan# 72

Delta R.T. 0.006 min

Lab File: VN078144.D

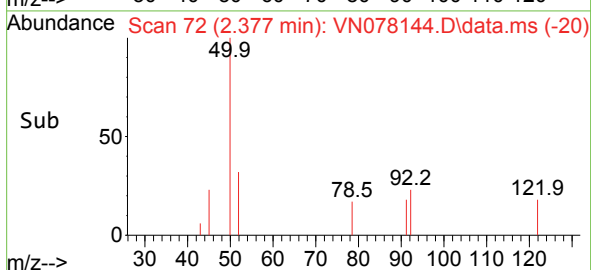
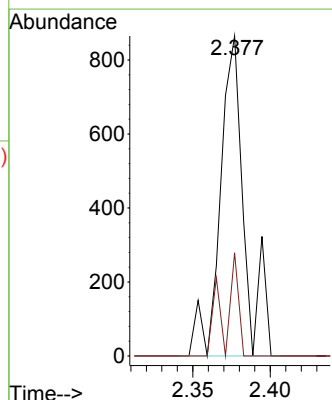
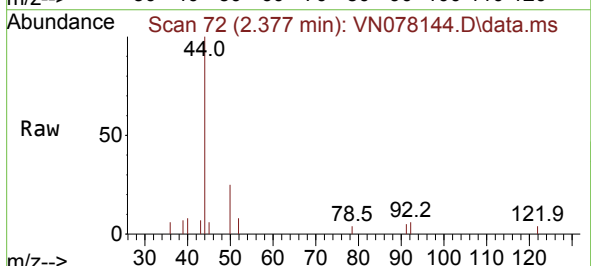
Acq: 09 Jun 2023 14:34

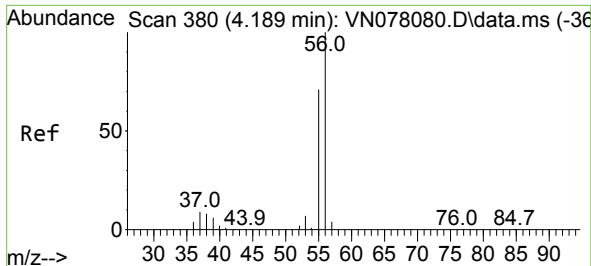
Tgt Ion: 50 Resp: 934

Ion Ratio Lower Upper

50 100

52 32.3 26.5 39.7

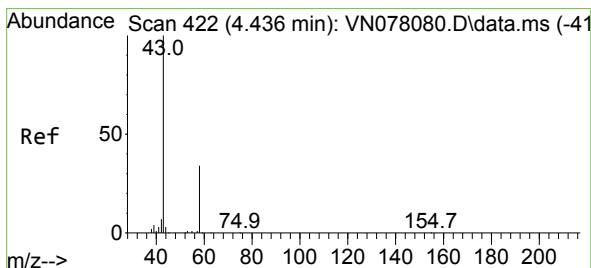
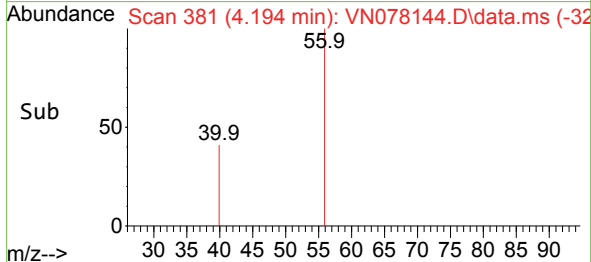
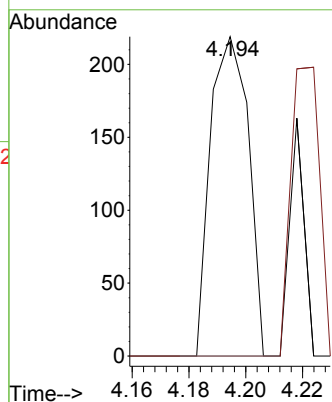
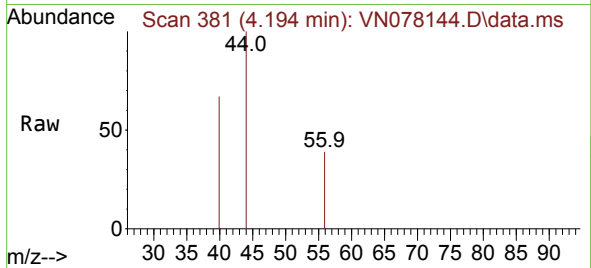




#13
Acrolein
Concen: 0.232 ug/l
RT: 4.194 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN078144.D
Acq: 09 Jun 2023 14:34

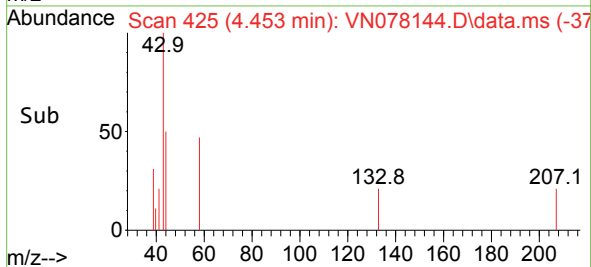
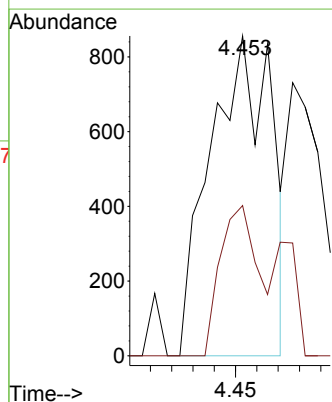
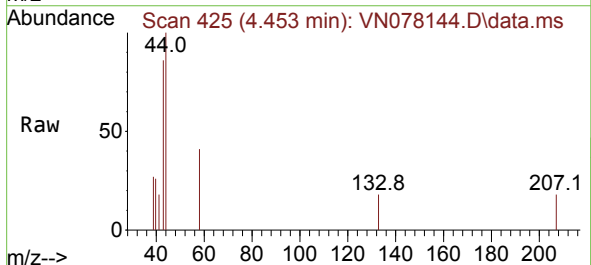
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-778-780

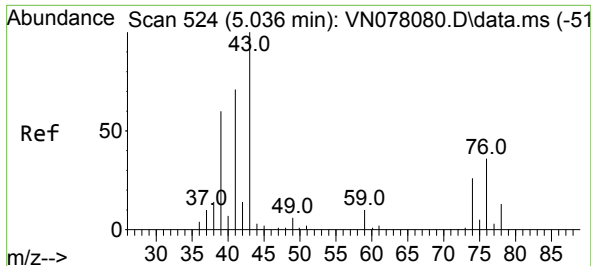
Tgt Ion: 56 Resp: 203
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#



#16
Acetone
Concen: 1.033 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.018 min
Lab File: VN078144.D
Acq: 09 Jun 2023 14:34

Tgt Ion: 43 Resp: 1708
Ion Ratio Lower Upper
43 100
58 47.0 28.0 42.0#

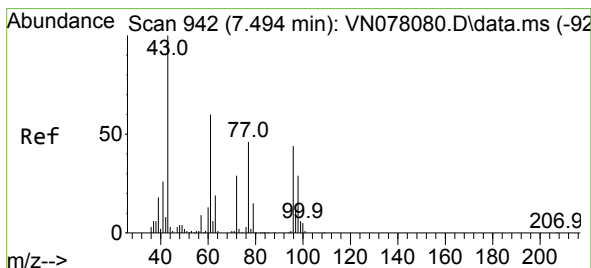
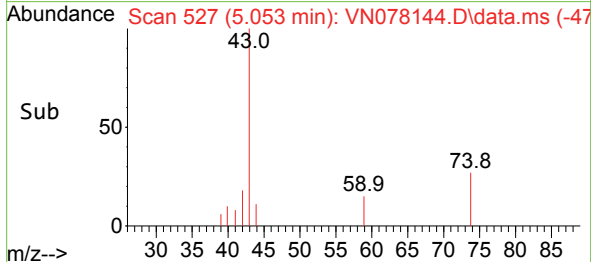
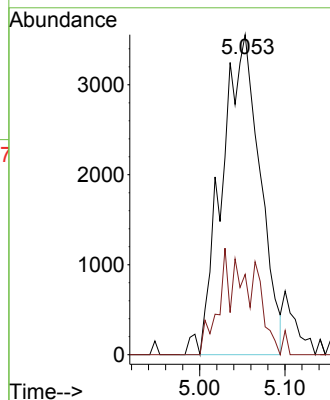
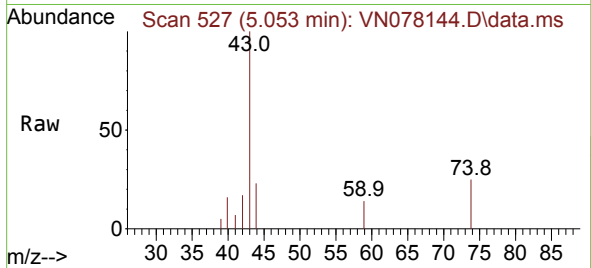




#18
Methyl Acetate
Concen: 1.458 ug/l
RT: 5.053 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN078144.D
Acq: 09 Jun 2023 14:34

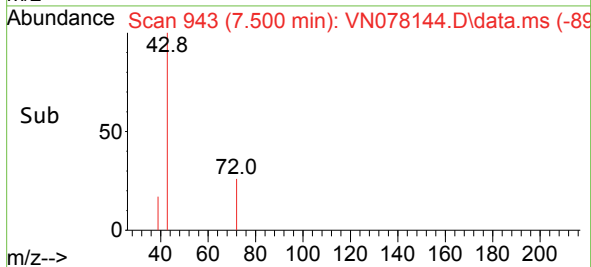
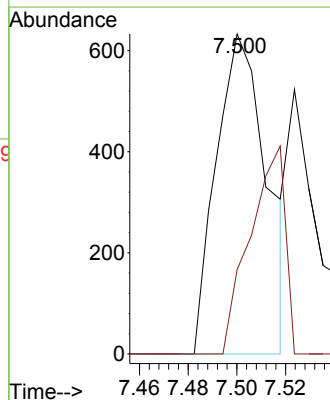
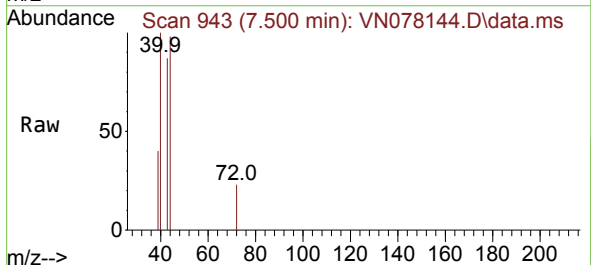
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-778-780

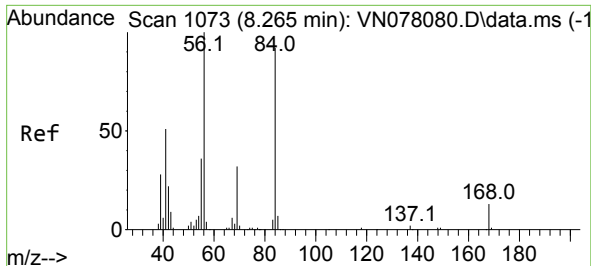
Tgt Ion: 43 Resp: 11097
Ion Ratio Lower Upper
43 100
74 0.0 26.2 39.4#



#25
2-Butanone
Concen: 0.359 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078144.D
Acq: 09 Jun 2023 14:34

Tgt Ion: 43 Resp: 912
Ion Ratio Lower Upper
43 100
72 26.4 30.2 45.2#

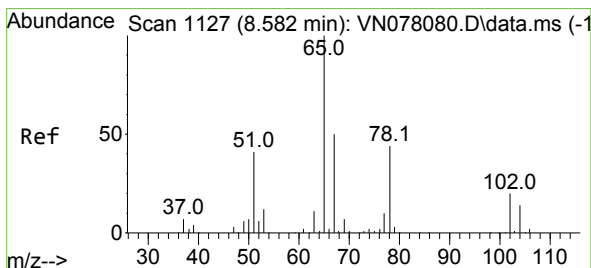
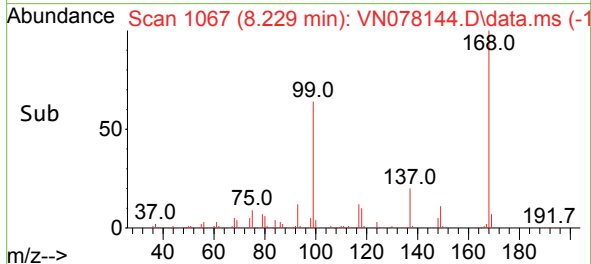
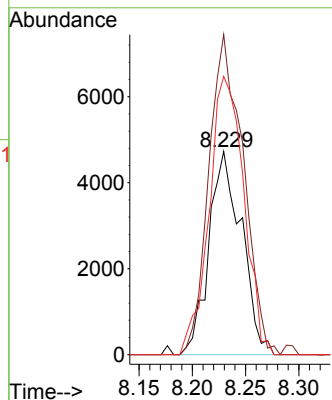
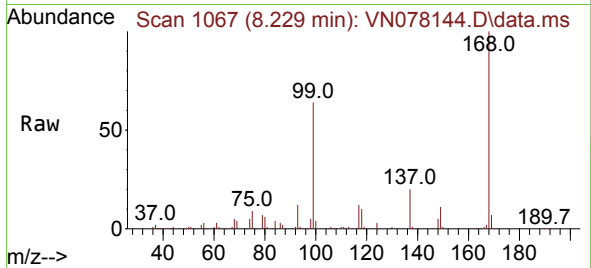




#31
Cyclohexane
Concen: 1.368 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN078144.D
Acq: 09 Jun 2023 14:34

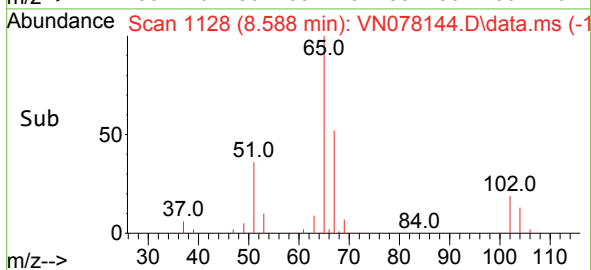
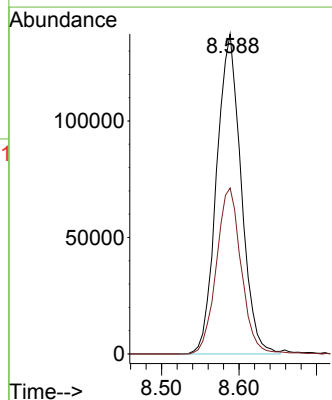
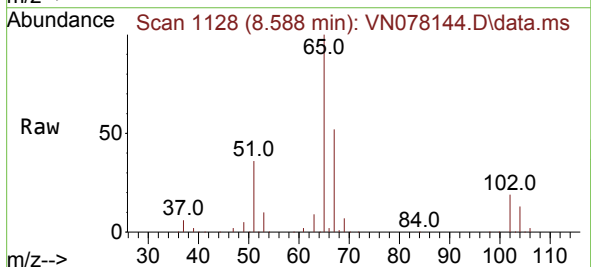
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-778-780

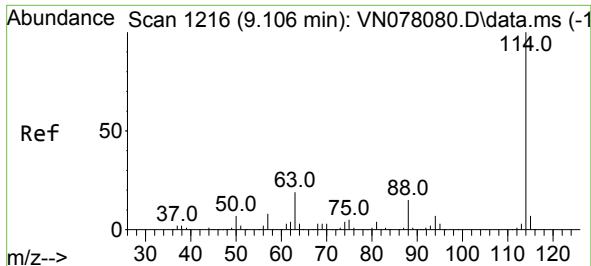
Tgt Ion: 56 Resp: 10080
Ion Ratio Lower Upper
56 100
69 157.5 26.8 40.2#
84 137.0 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 52.502 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078144.D
Acq: 09 Jun 2023 14:34

Tgt Ion: 65 Resp: 301565
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078144.D

Acq: 09 Jun 2023 14:34

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-778-780

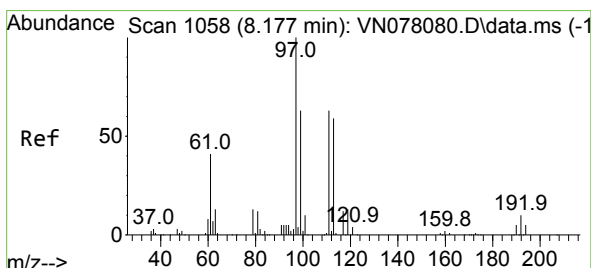
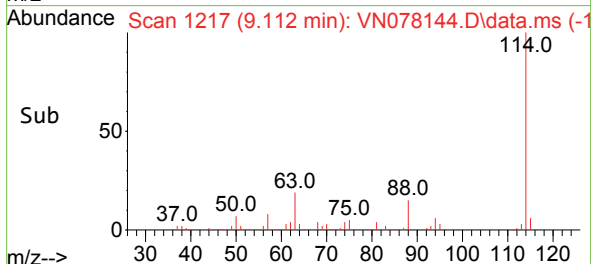
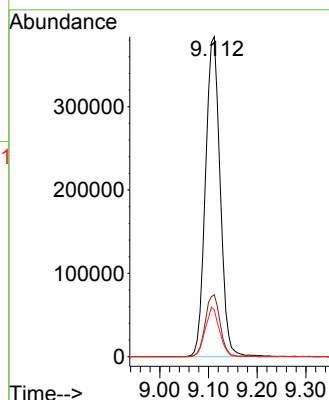
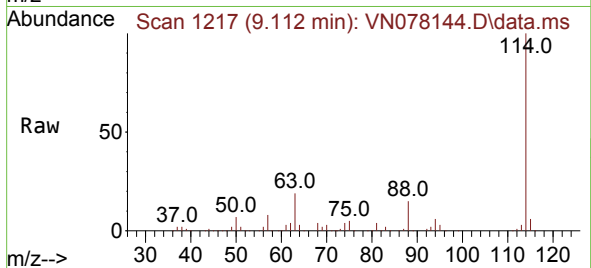
Tgt Ion:114 Resp: 801900

Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.268 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078144.D

Acq: 09 Jun 2023 14:34

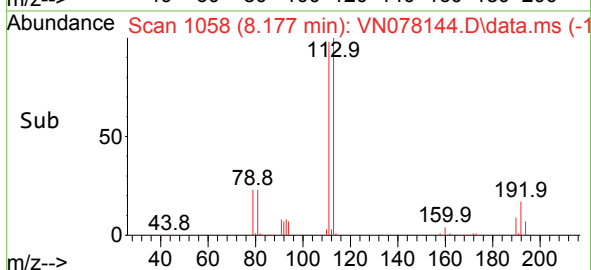
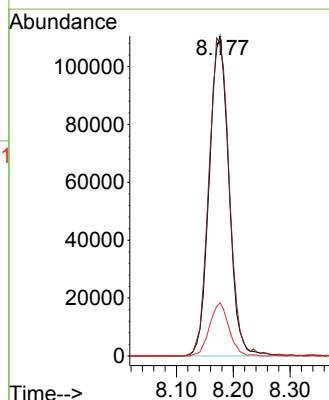
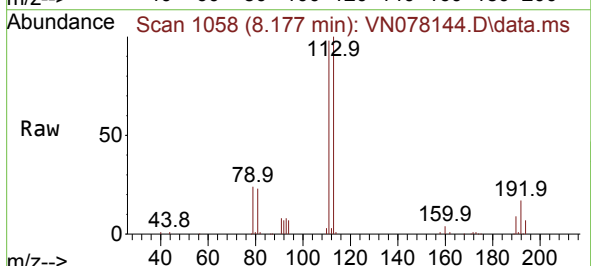
Tgt Ion:113 Resp: 265017

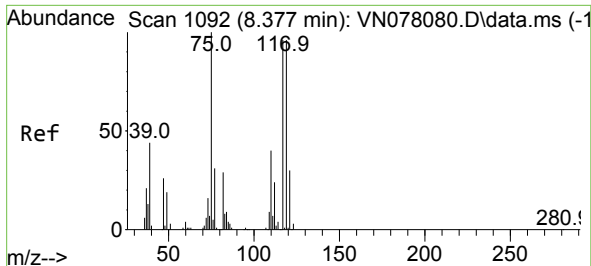
Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

192 16.4 12.7 19.1

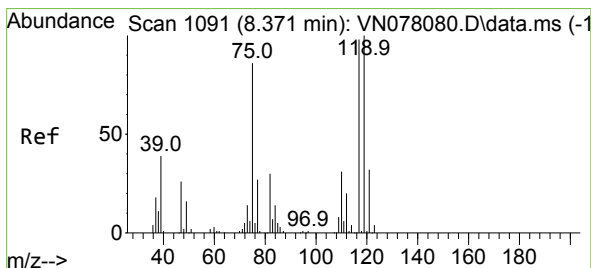
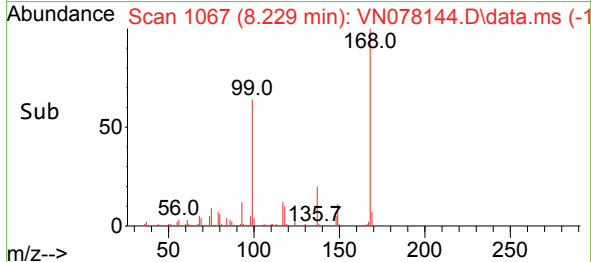
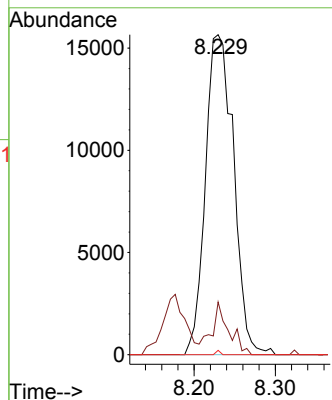
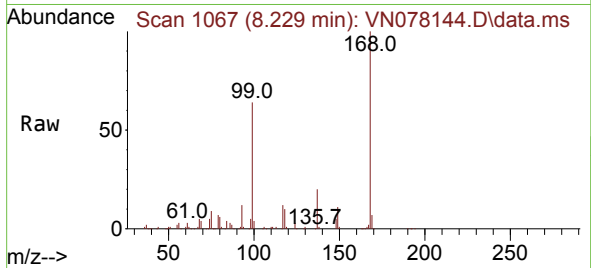




#36
1,1-Dichloropropene
Concen: 5.185 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN078144.D
Acq: 09 Jun 2023 14:34

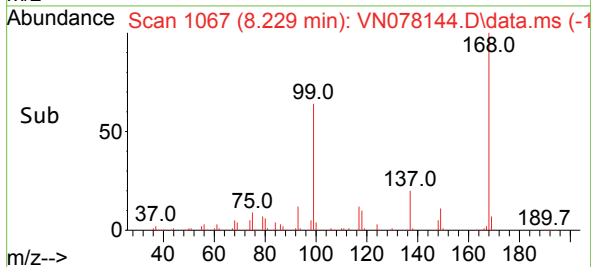
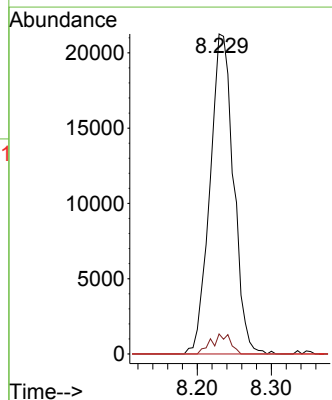
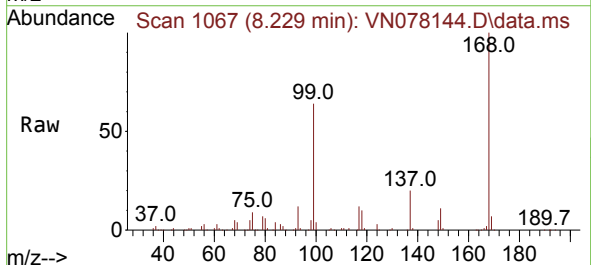
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW11-GW-778-780

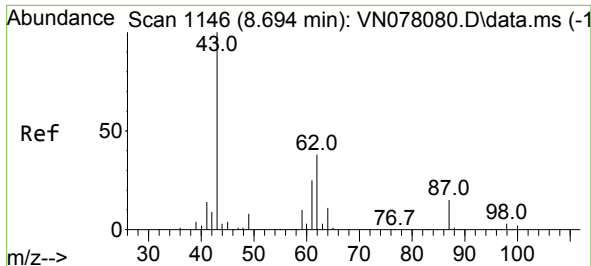
Tgt Ion: 75 Resp: 37709
Ion Ratio Lower Upper
75 100
110 10.0 19.1 57.3#
77 0.2 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.123 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN078144.D
Acq: 09 Jun 2023 14:34

Tgt Ion: 117 Resp: 47018
Ion Ratio Lower Upper
117 100
119 6.2 77.3 115.9#
121 0.0 23.3 34.9#

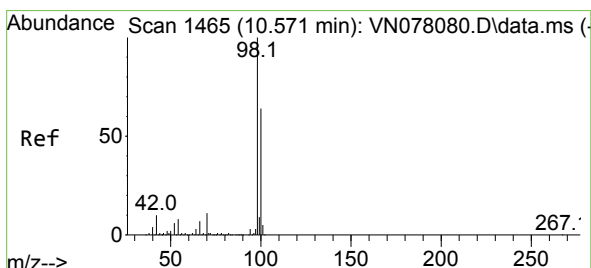
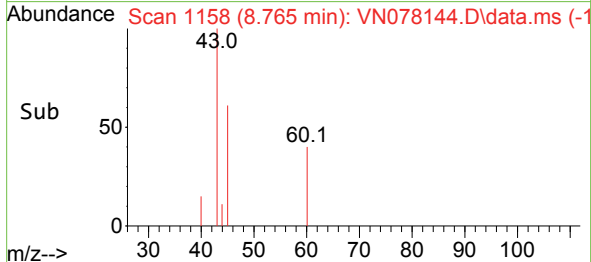
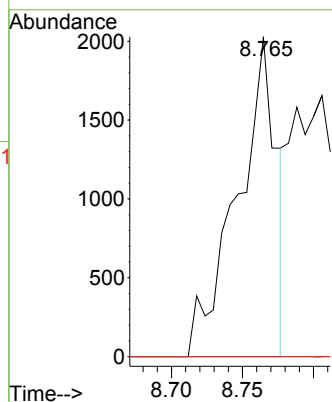
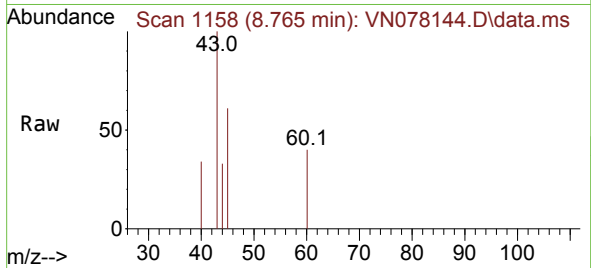




#43
Isopropyl Acetate
Concen: 0.356 ug/l
RT: 8.765 min Scan# 1158
Delta R.T. 0.071 min
Lab File: VN078144.D
Acq: 09 Jun 2023 14:34

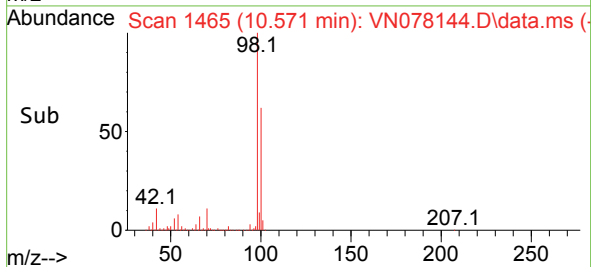
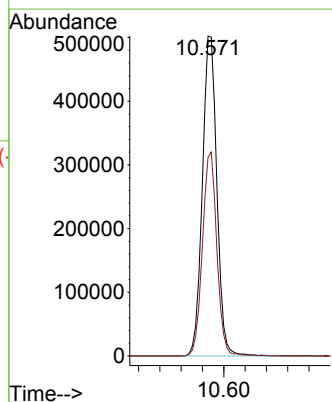
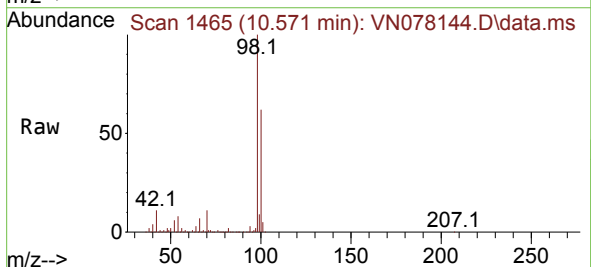
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-778-780

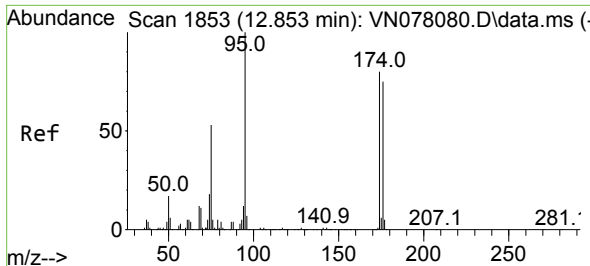
Tgt Ion: 43 Resp: 3865
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 48.486 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078144.D
Acq: 09 Jun 2023 14:34

Tgt Ion: 98 Resp: 947743
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0

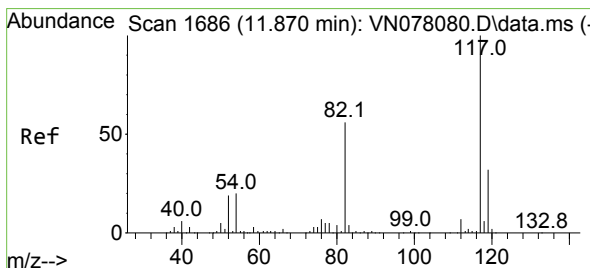
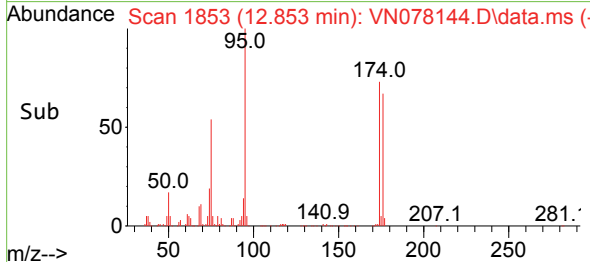
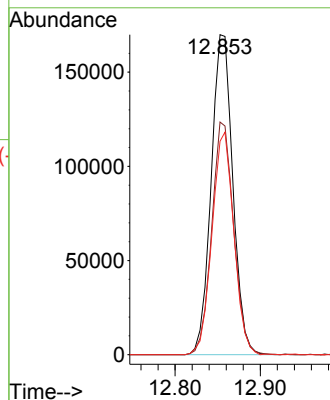
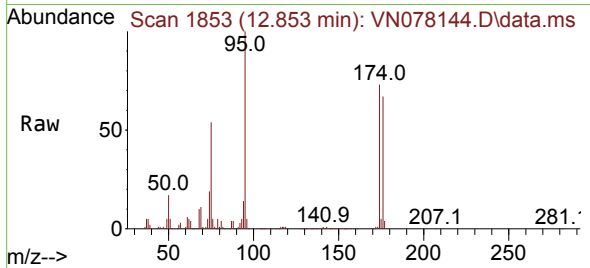




#62
4-Bromofluorobenzene
Concen: 49.424 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078144.D
Acq: 09 Jun 2023 14:34

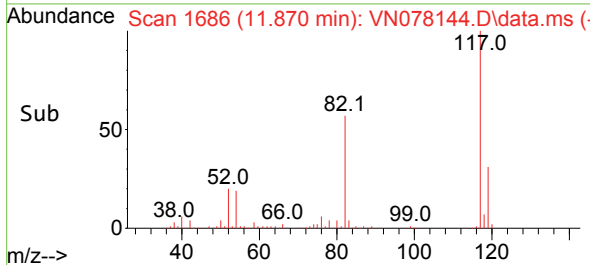
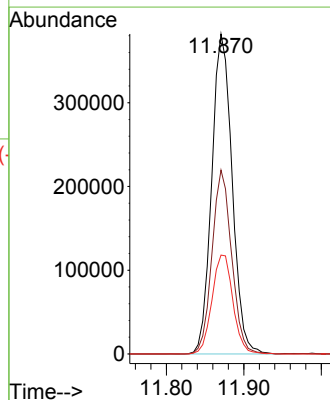
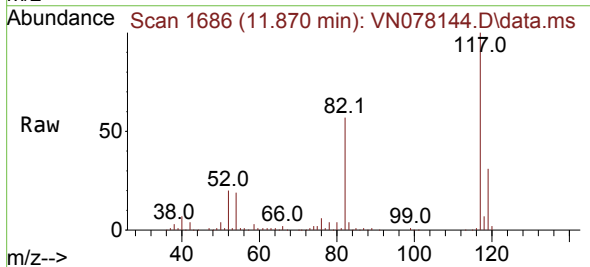
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-778-780

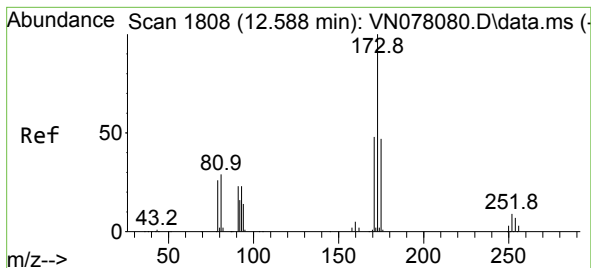
Tgt Ion: 95 Resp: 300330
Ion Ratio Lower Upper
95 100
174 73.9 0.0 143.8
176 70.1 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078144.D
Acq: 09 Jun 2023 14:34

Tgt Ion: 117 Resp: 699540
Ion Ratio Lower Upper
117 100
82 57.4 44.0 66.0
119 30.9 25.6 38.4





#71

Bromoform

Concen: 0.659 ug/l

RT: 12.853 min Scan# 1808

Delta R.T. 0.265 min

Lab File: VN078144.D

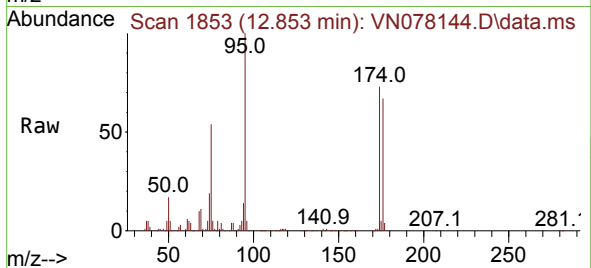
Acq: 09 Jun 2023 14:34

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-778-780



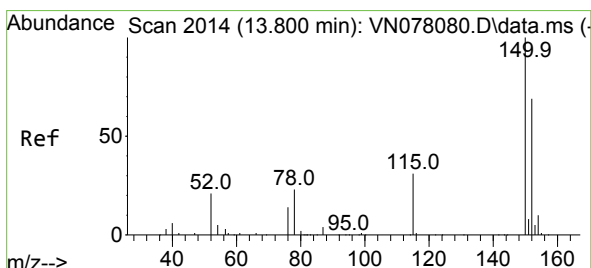
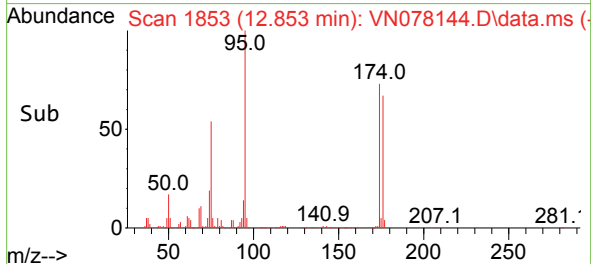
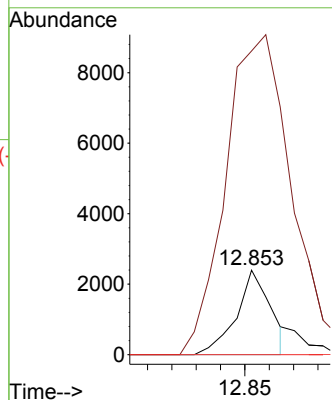
Tgt Ion:173 Resp: 2342

Ion Ratio Lower Upper

173 100

175 598.9 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. -0.006 min

Lab File: VN078144.D

Acq: 09 Jun 2023 14:34

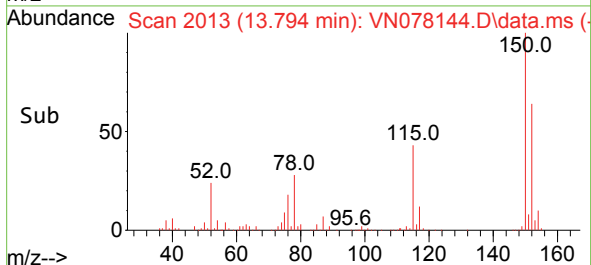
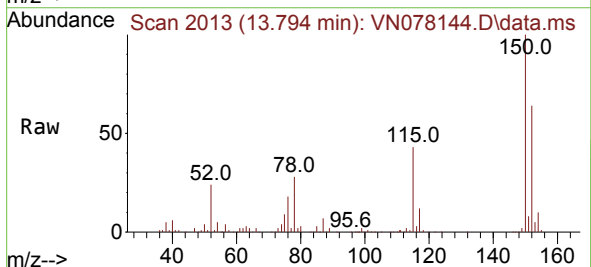
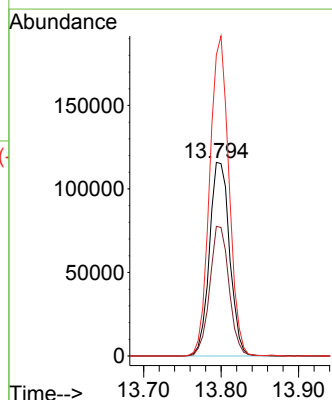
Tgt Ion:152 Resp: 209519

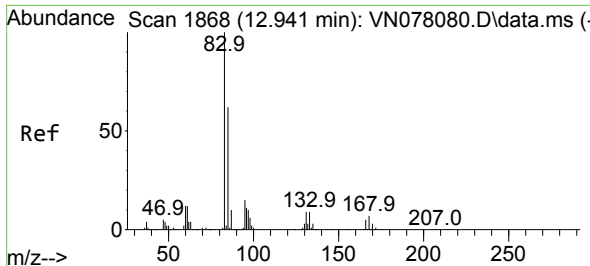
Ion Ratio Lower Upper

152 100

115 64.1 32.3 96.8

150 157.4 0.0 355.8

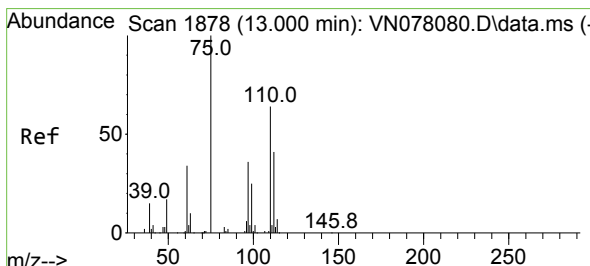
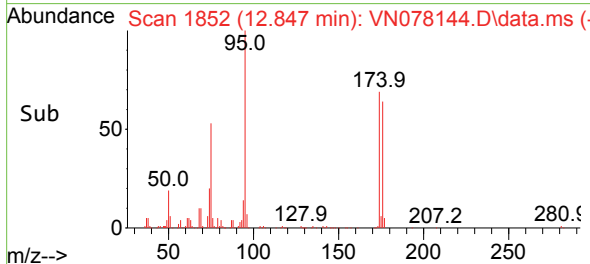
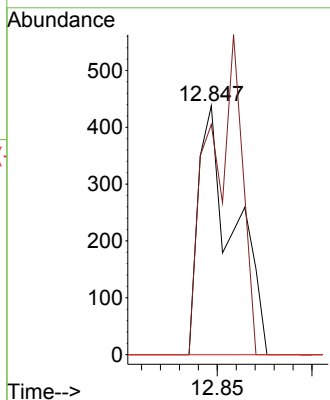
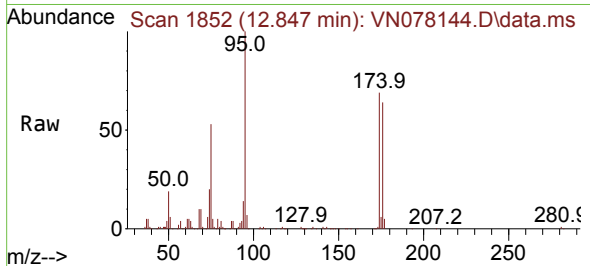




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.847 min Scan# 1852
Delta R.T. -0.094 min
Lab File: VN078144.D
Acq: 09 Jun 2023 14:34

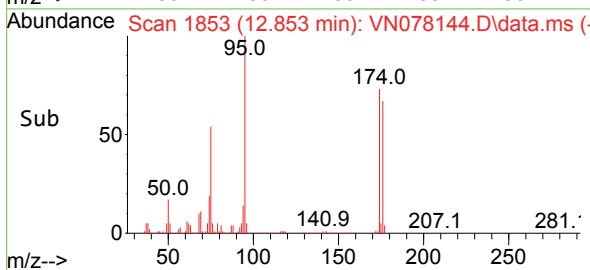
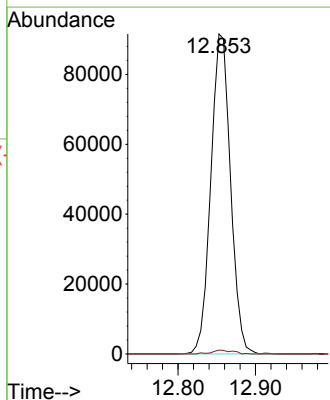
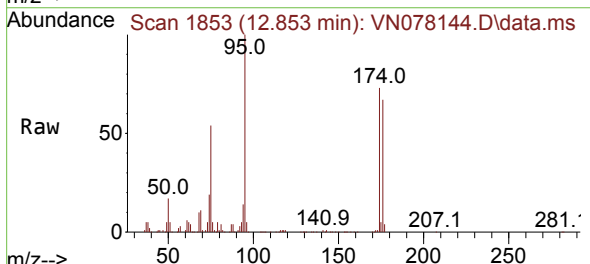
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW11-GW-778-780

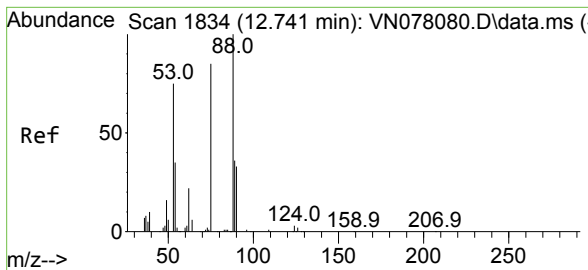
Tgt Ion: 83 Resp: 563
Ion Ratio Lower Upper
83 100
131 117.1 5.0 15.0#
85 0.0 31.9 95.7#



#76
1,2,3-Trichloropropane
Concen: 32.604 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN078144.D
Acq: 09 Jun 2023 14:34

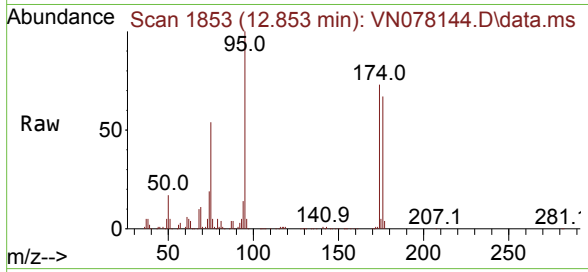
Tgt Ion: 75 Resp: 161493
Ion Ratio Lower Upper
75 100
77 1.3 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.171 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN078144.D
 Acq: 09 Jun 2023 14:34

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-778-780



Tgt Ion: 75 Resp: 161493
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.1 38.8 58.2#

