

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079845.D
 Acq On : 03 Nov 2023 13:41
 Operator : JC\MD
 Sample : 05225-02RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-188-GW-300-302

Quant Time: Nov 04 00:51:56 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)

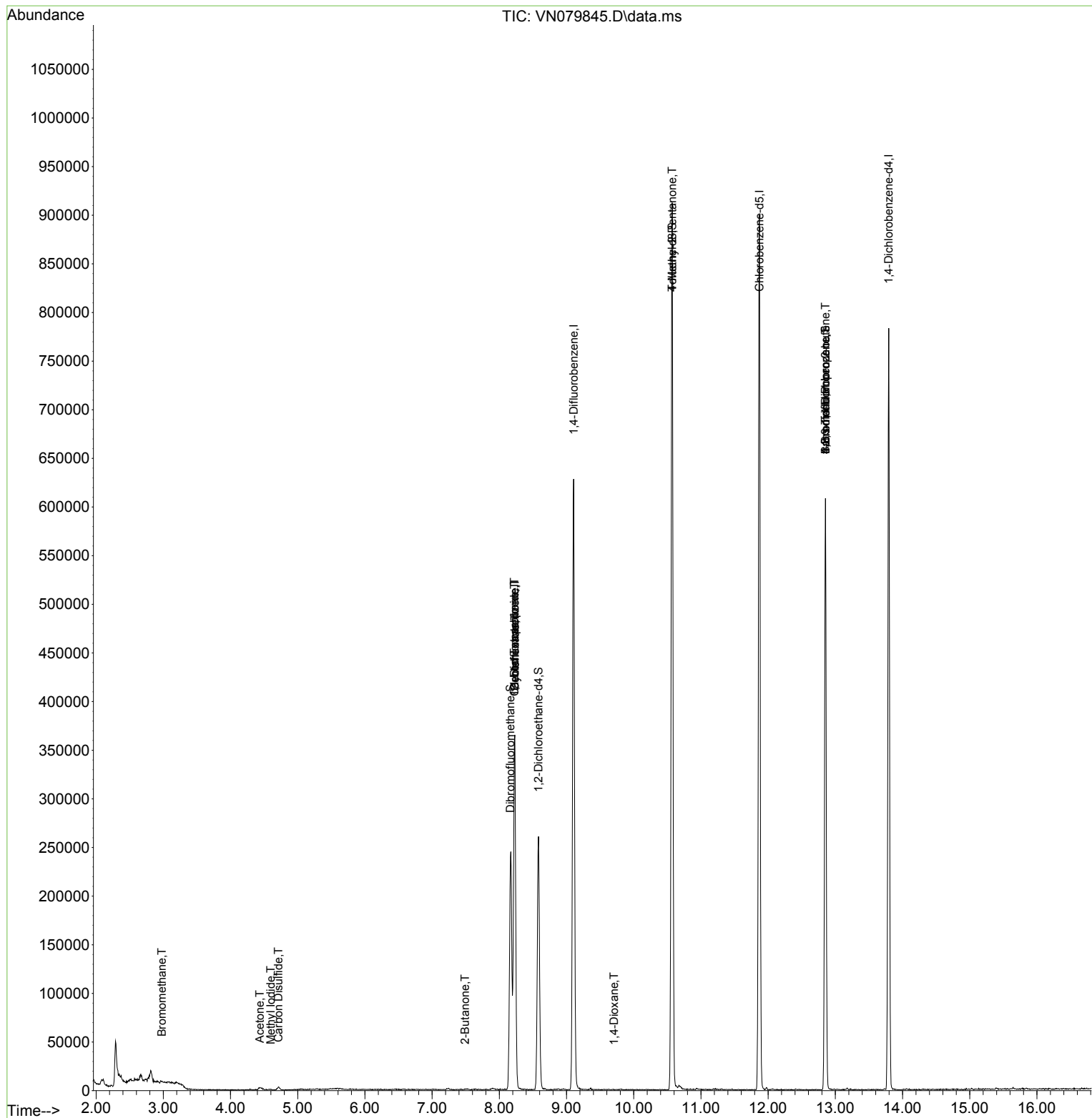
Internal Standards						
1) Pentafluorobenzene	8.230	168	258136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	518829	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	515752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	200708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	213801	54.364	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.720%	
35) Dibromofluoromethane	8.165	113	174397	47.493	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.980%	
50) Toluene-d8	10.571	98	612920	45.340	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 90.680%	
62) 4-Bromofluorobenzene	12.853	95	202465	45.160	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.320%	
Target Compounds						
						Qvalue
3) Chloromethane	2.365	50	1835	Below Cal		96
5) Bromomethane	2.977	94	920	0.372	ug/l #	55
10) Methyl Iodide	4.601	142	780	0.233	ug/l #	79
16) Acetone	4.436	43	4684	3.391	ug/l #	82
17) Carbon Disulfide	4.712	76	5487	0.685	ug/l	99
25) 2-Butanone	7.489	43	775	0.383	ug/l #	37
31) Cyclohexane	8.230	56	7146	1.375	ug/l #	63
36) 1,1-Dichloropropene	8.224	75	24830	4.736	ug/l #	46
38) Carbon Tetrachloride	8.224	117	28082	5.314	ug/l #	17
49) 1,4-Dioxane	9.706	88	82	1.256	ug/l #	11
51) 4-Methyl-2-Pentanone	10.571	43	3047	0.642	ug/l #	1
71) Bromoform	12.853	173	1542	0.539	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	111512	23.665	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	111512	64.388	ug/l #	15

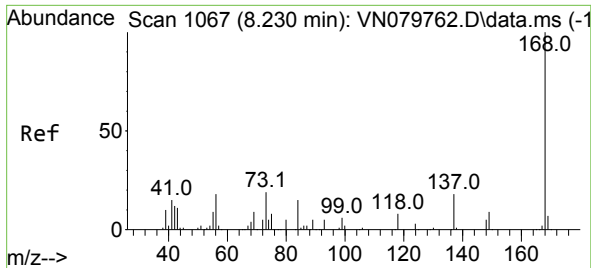
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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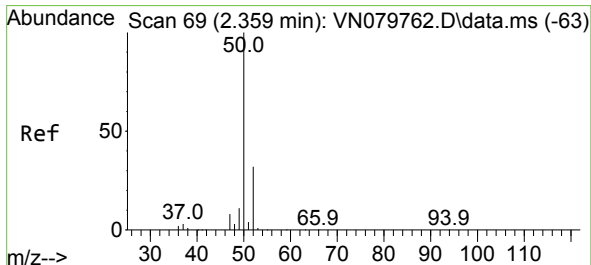
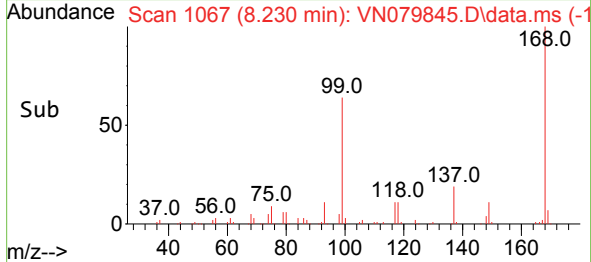
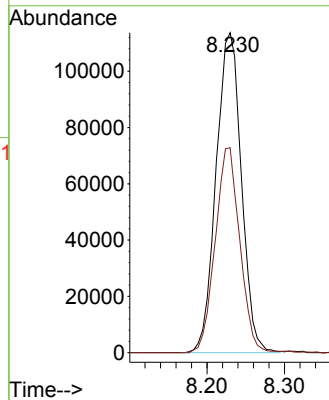
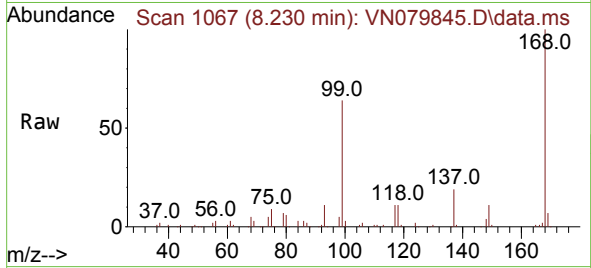




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079845.D
Acq: 03 Nov 2023 13:41

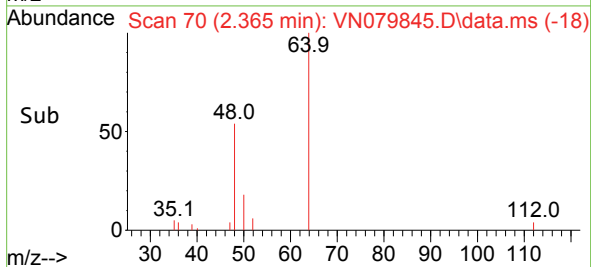
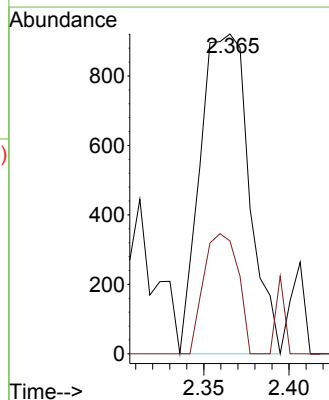
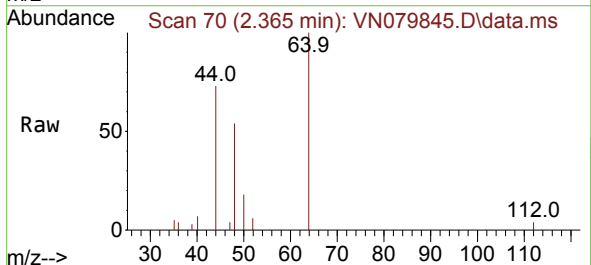
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-188-GW-300-302

Tgt Ion:168 Resp: 258136
Ion Ratio Lower Upper
168 100
99 64.0 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN079845.D
Acq: 03 Nov 2023 13:41

Tgt Ion: 50 Resp: 1835
Ion Ratio Lower Upper
50 100
52 35.3 26.5 39.7

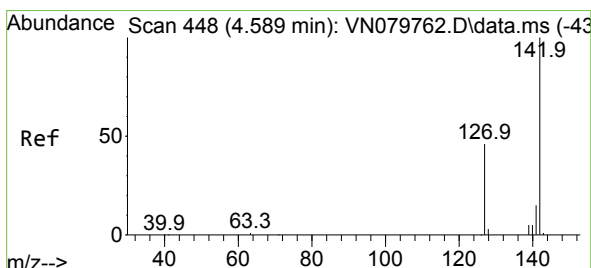
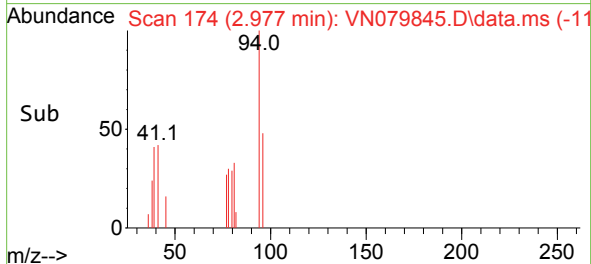
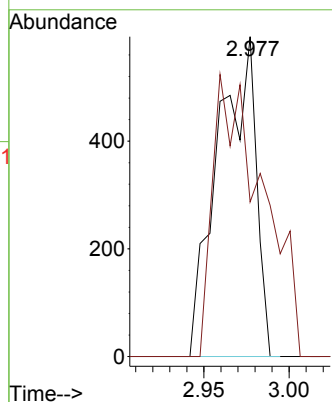
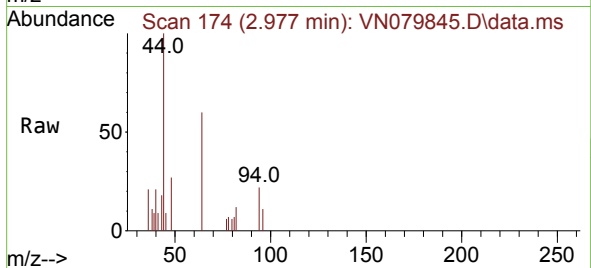




#5
Bromomethane
Concen: 0.372 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN079845.D
Acq: 03 Nov 2023 13:41

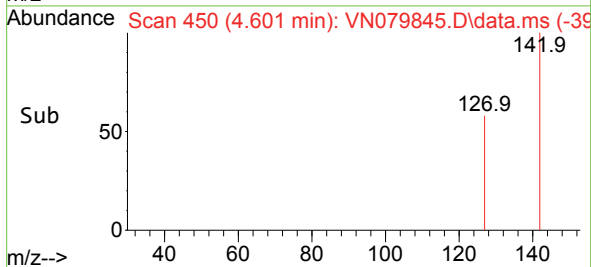
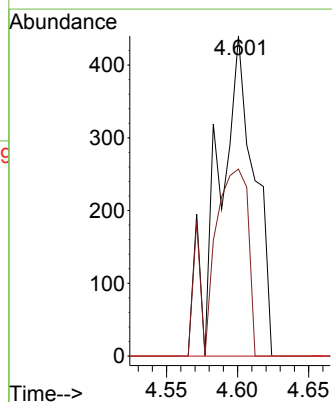
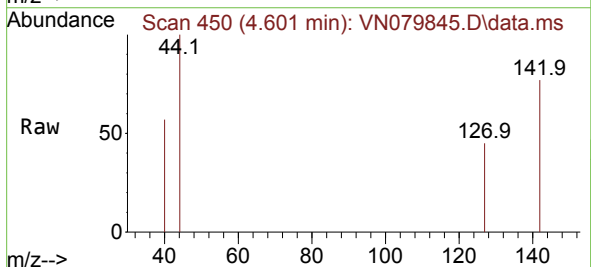
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-188-GW-300-302

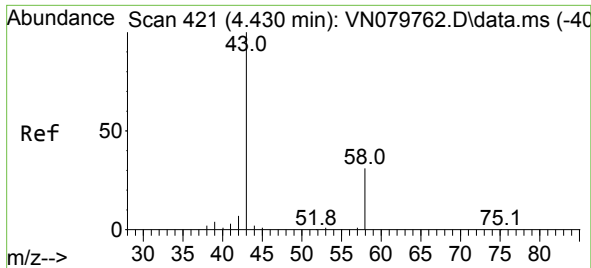
Tgt Ion: 94 Resp: 920
Ion Ratio Lower Upper
94 100
96 48.3 73.1 109.7#



#10
Methyl Iodide
Concen: 0.233 ug/l
RT: 4.601 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN079845.D
Acq: 03 Nov 2023 13:41

Tgt Ion: 142 Resp: 780
Ion Ratio Lower Upper
142 100
127 58.4 37.6 56.4#
141 0.0 11.4 17.0#

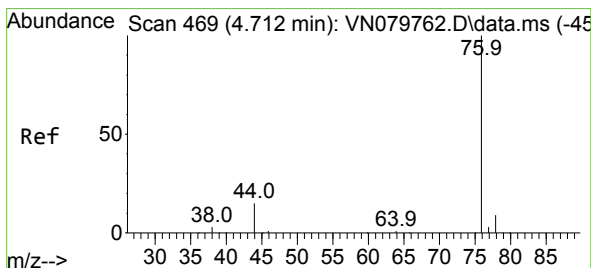
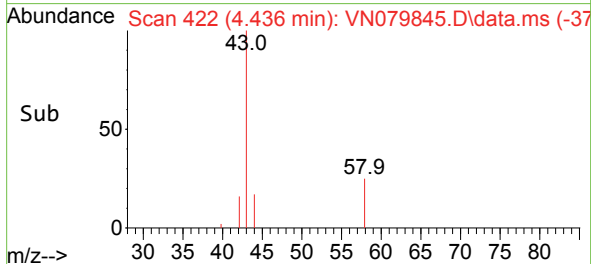
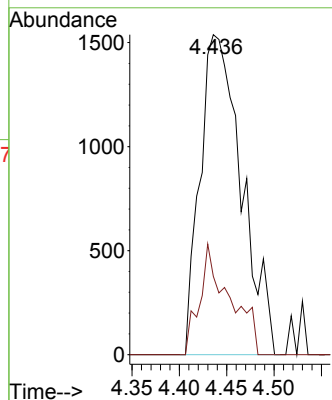
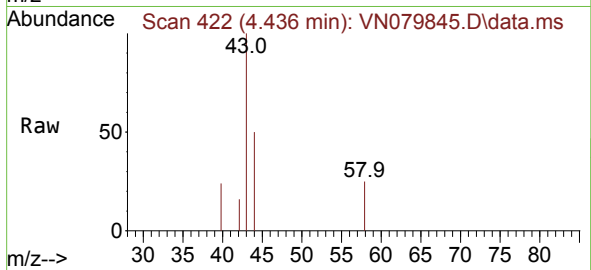




#16
Acetone
Concen: 3.391 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079845.D
Acq: 03 Nov 2023 13:41

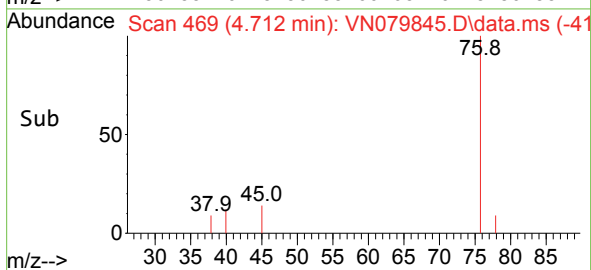
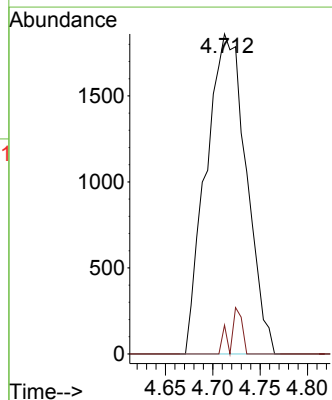
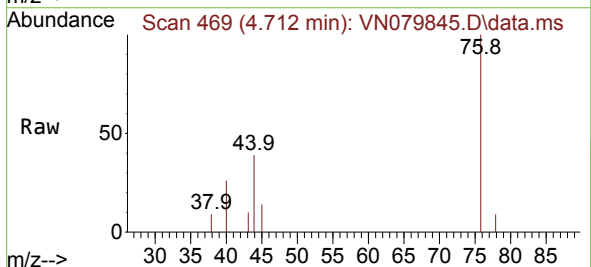
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-188-GW-300-302

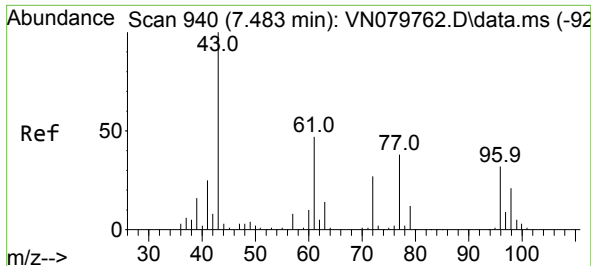
Tgt Ion: 43 Resp: 4684
Ion Ratio Lower Upper
43 100
58 24.5 28.0 42.0#



#17
Carbon Disulfide
Concen: 0.685 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079845.D
Acq: 03 Nov 2023 13:41

Tgt Ion: 76 Resp: 5487
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

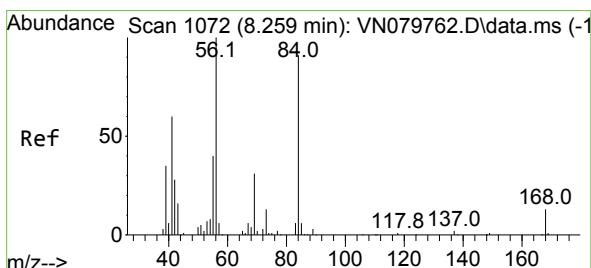
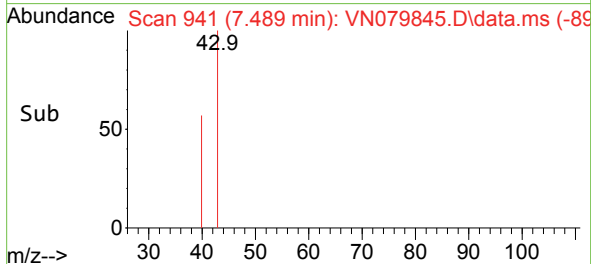
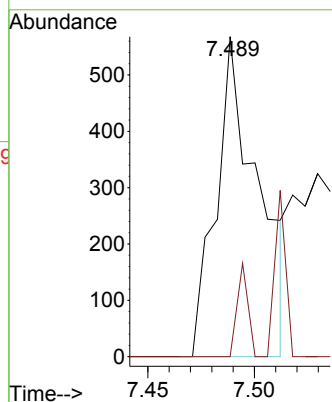
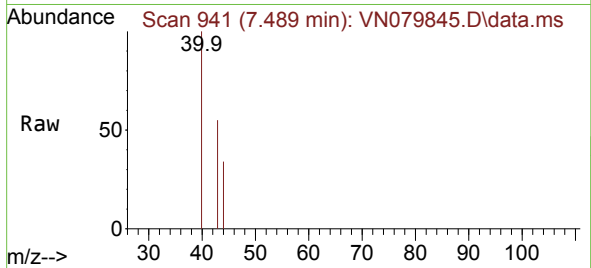




#25
2-Butanone
Concen: 0.383 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079845.D
Acq: 03 Nov 2023 13:41

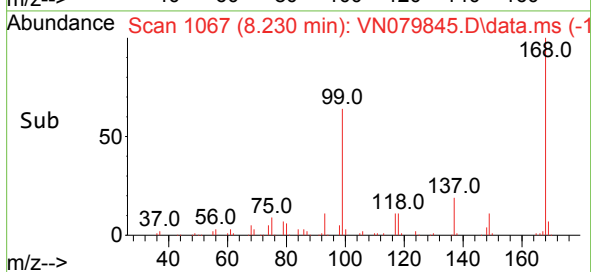
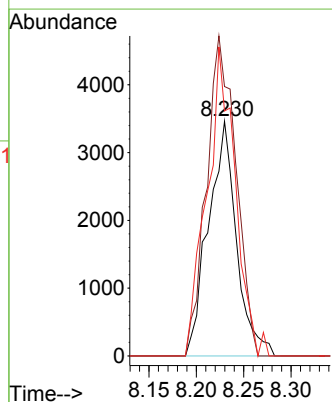
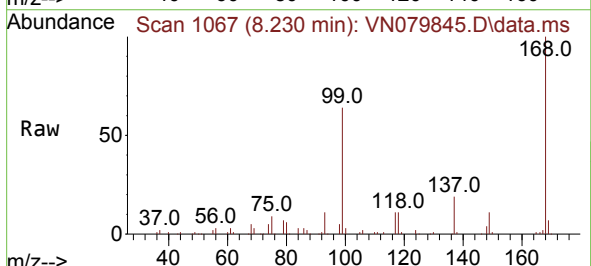
Instrument :
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ClientSampleId :
BP-VPB-188-GW-300-302

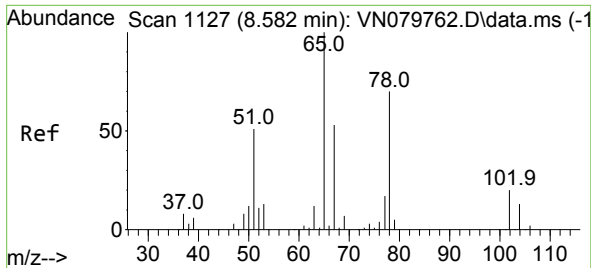
Tgt Ion: 43 Resp: 775
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



#31
Cyclohexane
Concen: 1.375 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN079845.D
Acq: 03 Nov 2023 13:41

Tgt Ion: 56 Resp: 7146
Ion Ratio Lower Upper
56 100
69 114.8 26.8 40.2#
84 104.3 81.8 122.6

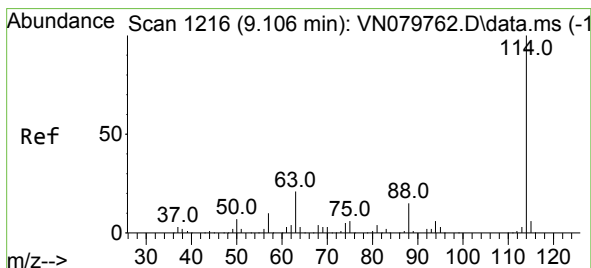
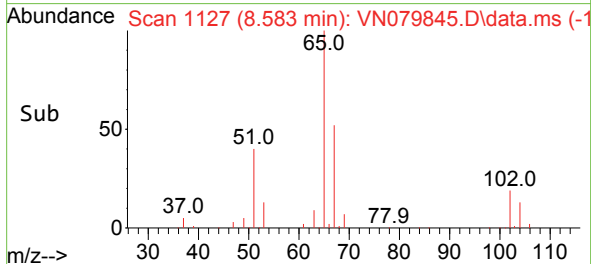
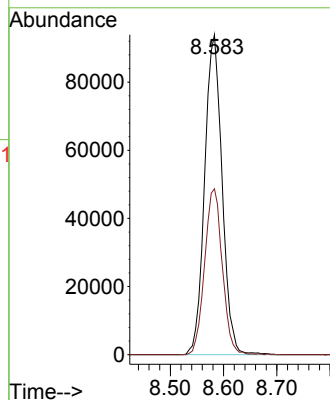
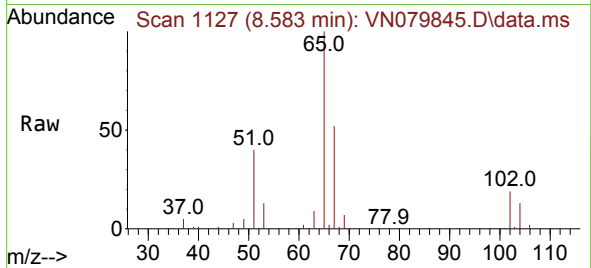




#33
1,2-Dichloroethane-d4
Concen: 54.364 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079845.D
Acq: 03 Nov 2023 13:41

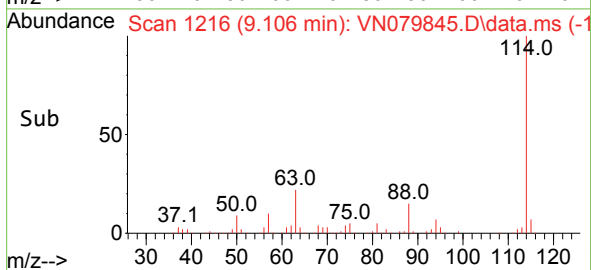
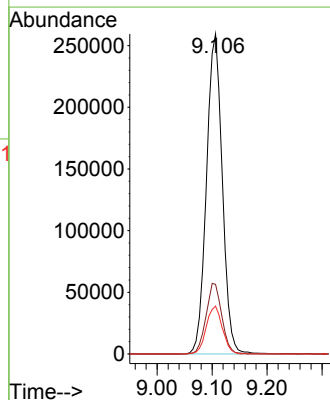
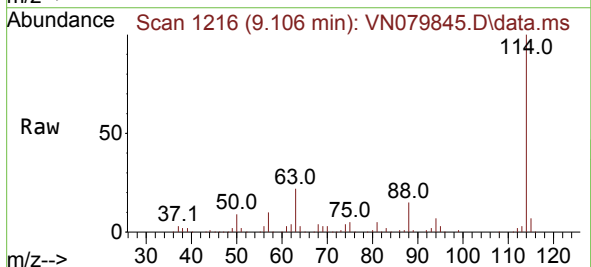
Instrument :
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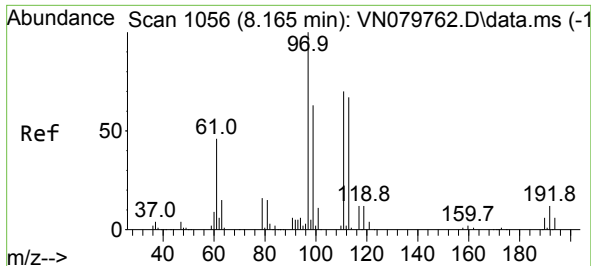
Tgt Ion: 65 Resp: 213801
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079845.D
Acq: 03 Nov 2023 13:41

Tgt Ion: 114 Resp: 518829
Ion Ratio Lower Upper
114 100
63 21.8 0.0 36.4
88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.493 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN079845.D

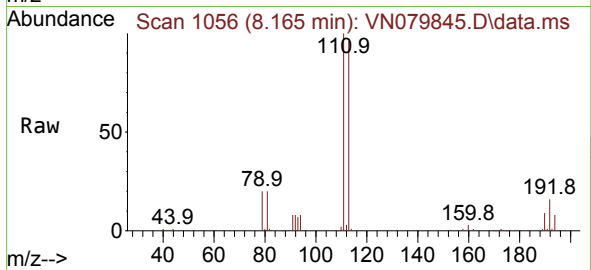
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Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-188-GW-300-302



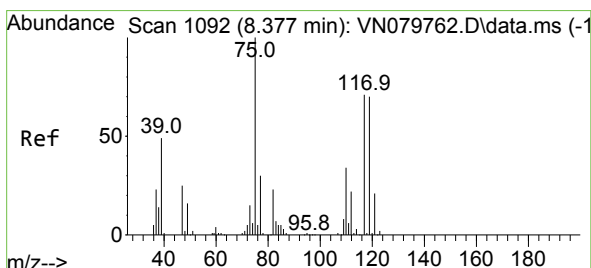
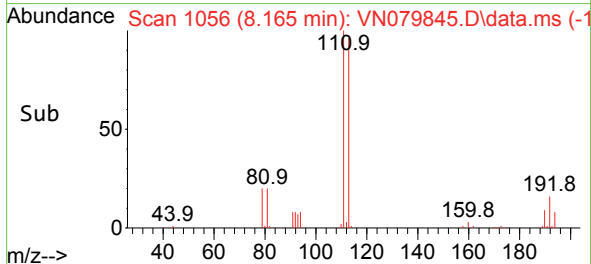
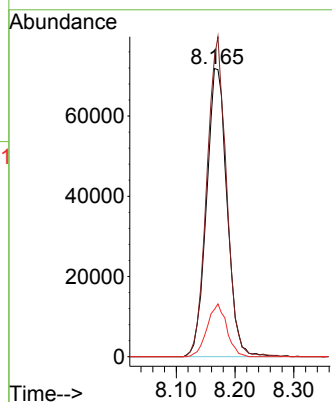
Tgt Ion:113 Resp: 174397

Ion Ratio Lower Upper

113 100

111 106.1 82.6 123.8

192 17.5 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.736 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

Lab File: VN079845.D

Acq: 03 Nov 2023 13:41

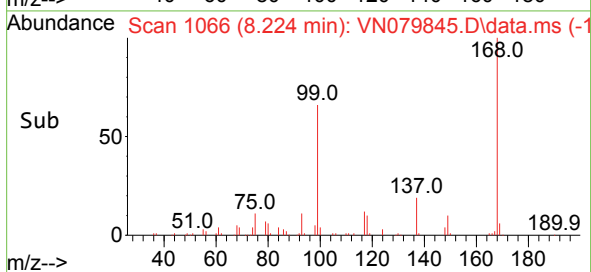
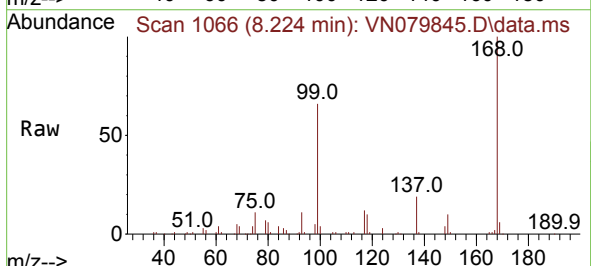
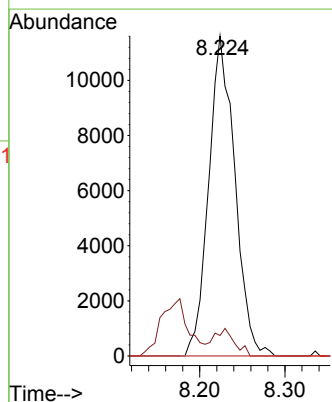
Tgt Ion: 75 Resp: 24830

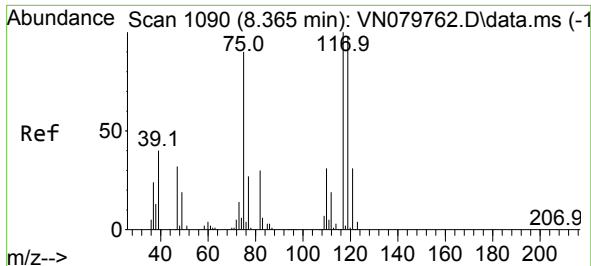
Ion Ratio Lower Upper

75 100

110 6.8 19.1 57.3#

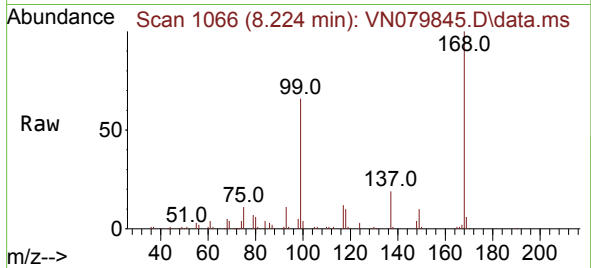
77 0.0 25.0 37.4#



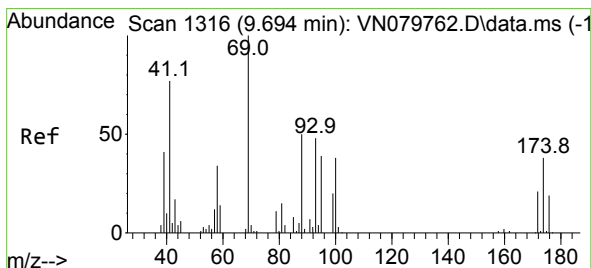
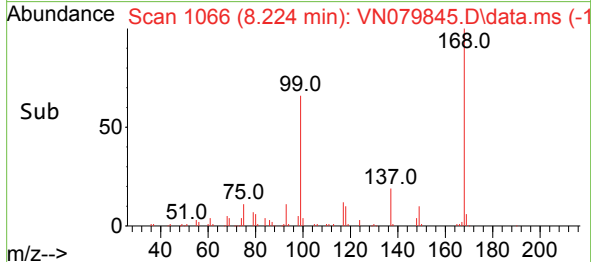
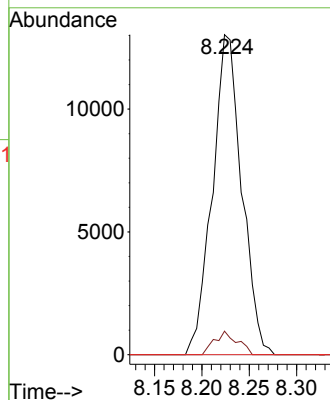


#38
Carbon Tetrachloride
Concen: 5.314 ug/l
RT: 8.224 min Scan# 11
Delta R.T. -0.135 min
Lab File: VN079845.D
Acq: 03 Nov 2023 13:41

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-188-GW-300-302

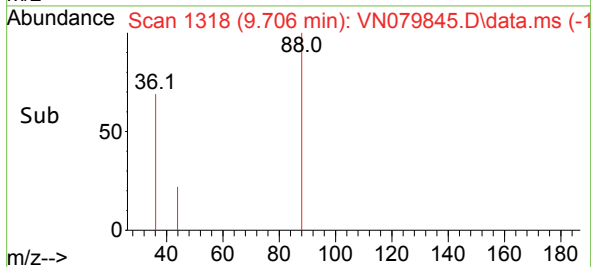
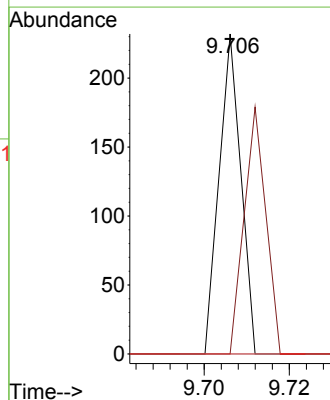
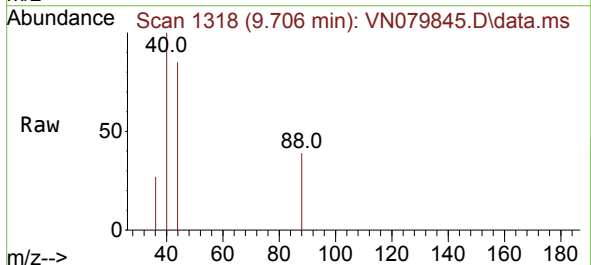


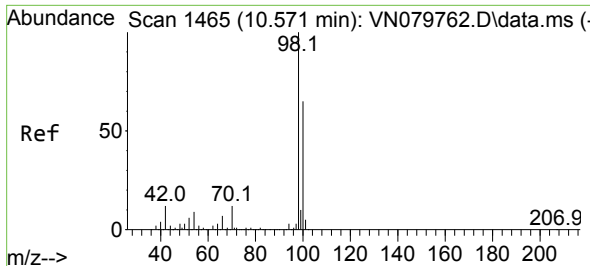
Tgt Ion:117 Resp: 28082
Ion Ratio Lower Upper
117 100
119 7.3 77.3 115.9#
121 0.0 23.3 34.9#



#49
1,4-Dioxane
Concen: 1.256 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.012 min
Lab File: VN079845.D
Acq: 03 Nov 2023 13:41

Tgt Ion: 88 Resp: 82
Ion Ratio Lower Upper
88 100
43 76.8 17.0 25.6#
58 0.0 47.0 70.4#

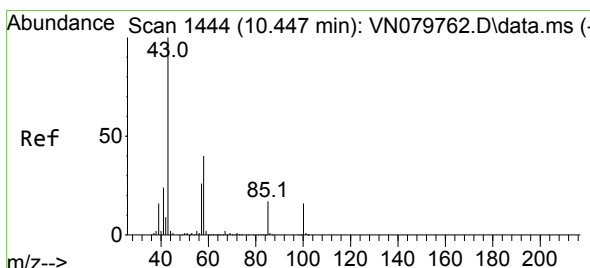
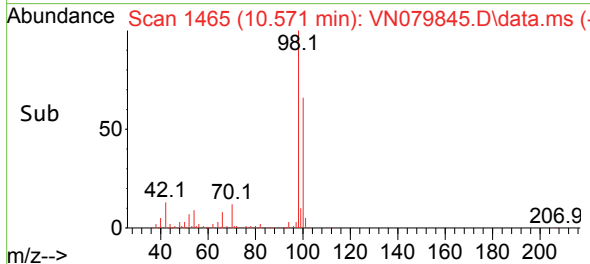
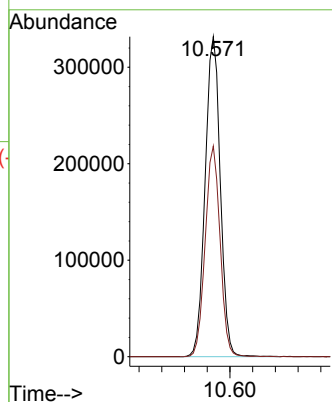
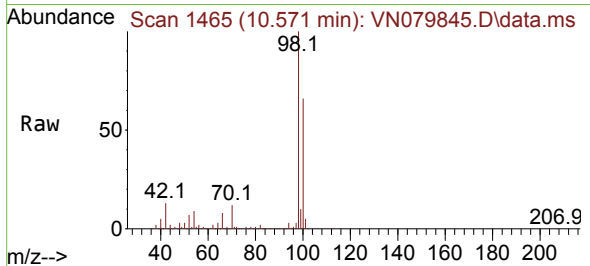




#50
Toluene-d8
Concen: 45.340 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079845.D
Acq: 03 Nov 2023 13:41

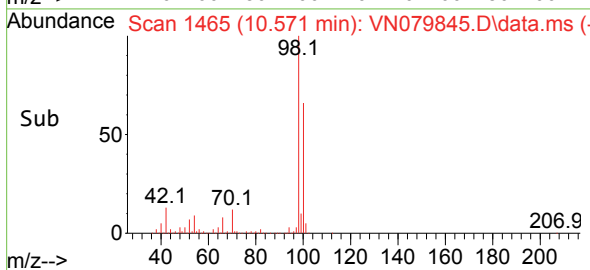
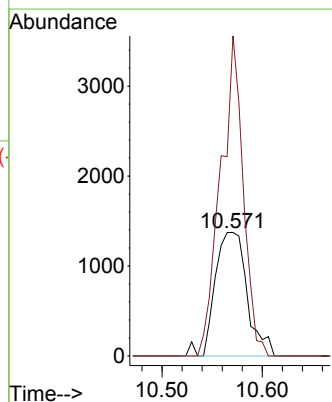
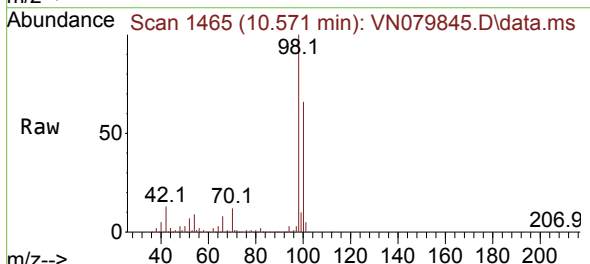
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-188-GW-300-302

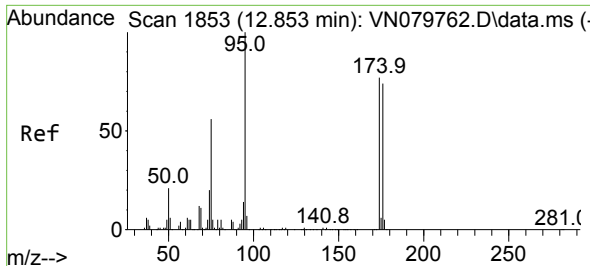
Tgt Ion: 98 Resp: 612920
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.642 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN079845.D
Acq: 03 Nov 2023 13:41

Tgt Ion: 43 Resp: 3047
Ion Ratio Lower Upper
43 100
58 183.0 36.6 54.8#

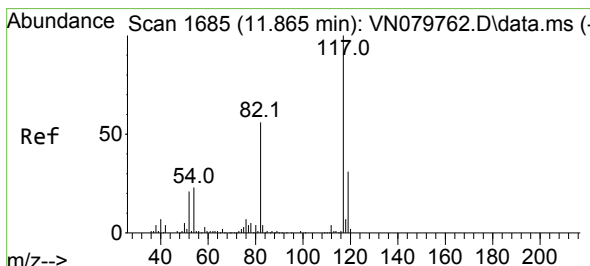
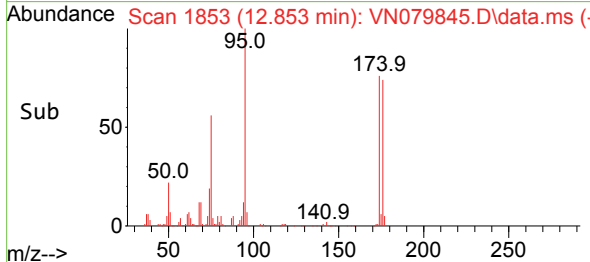
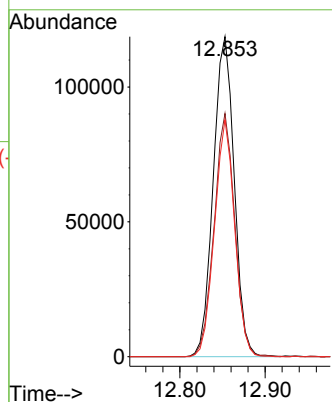
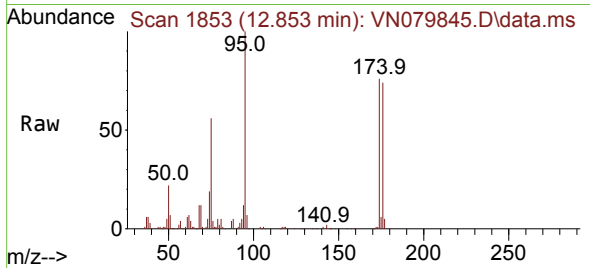




#62
4-Bromofluorobenzene
Concen: 45.160 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079845.D
Acq: 03 Nov 2023 13:41

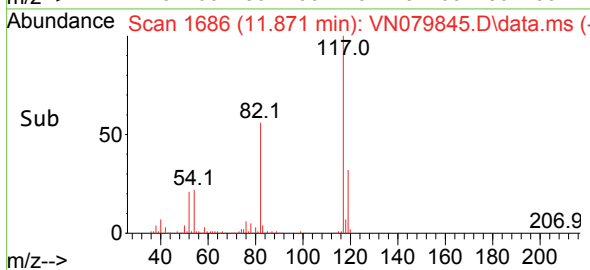
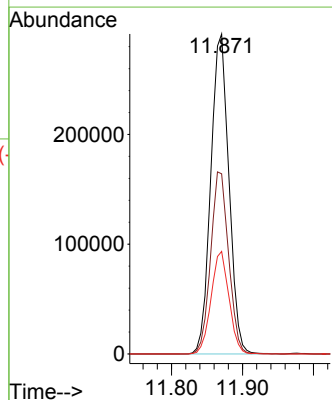
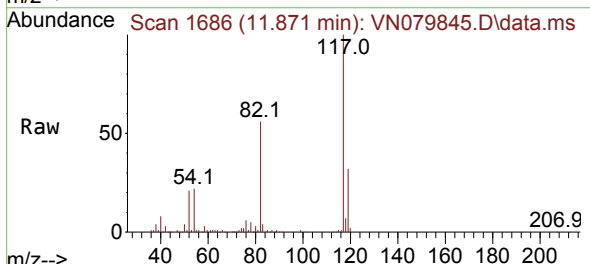
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-188-GW-300-302

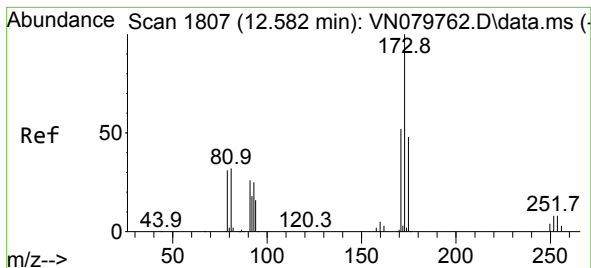
Tgt Ion: 95 Resp: 202465
Ion Ratio Lower Upper
95 100
174 75.1 0.0 143.8
176 71.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079845.D
Acq: 03 Nov 2023 13:41

Tgt Ion: 117 Resp: 515752
Ion Ratio Lower Upper
117 100
82 56.3 44.0 66.0
119 32.1 25.6 38.4





#71

Bromoform

Concen: 0.539 ug/l

RT: 12.853 min Scan# 11

Delta R.T. 0.271 min

Lab File: VN079845.D

Acq: 03 Nov 2023 13:41

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-188-GW-300-302

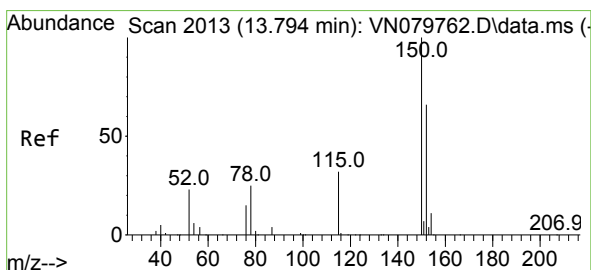
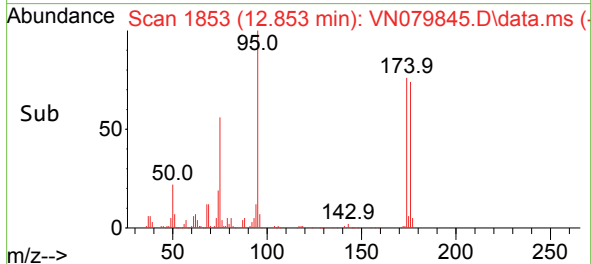
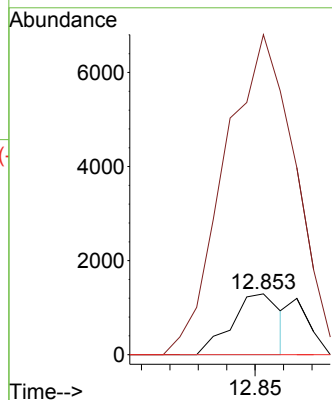
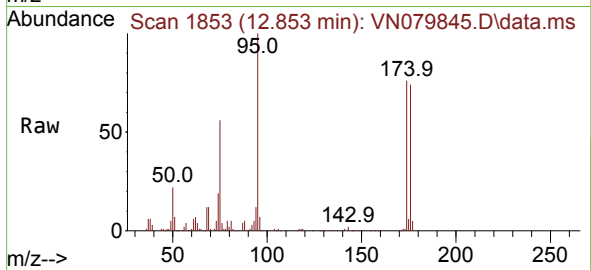
Tgt Ion:173 Resp: 1542

Ion Ratio Lower Upper

173 100

175 619.5 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: VN079845.D

Acq: 03 Nov 2023 13:41

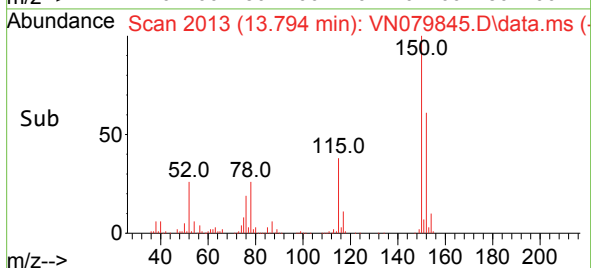
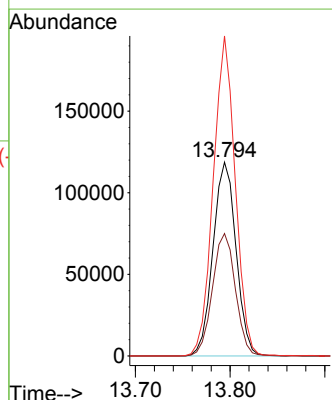
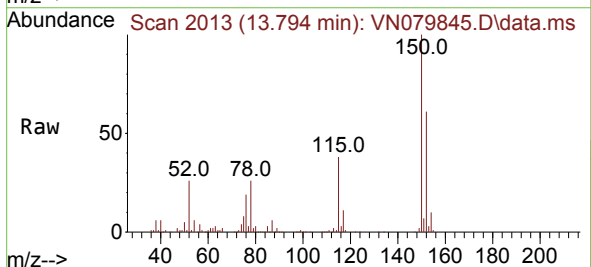
Tgt Ion:152 Resp: 200708

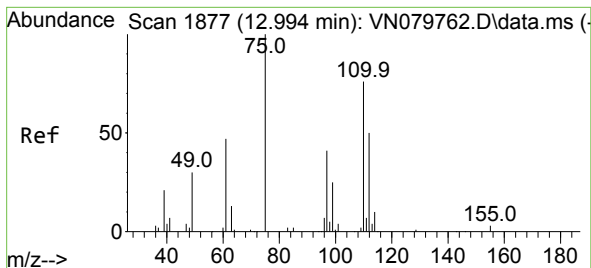
Ion Ratio Lower Upper

152 100

115 62.9 32.3 96.8

150 157.5 0.0 355.8





#76

1,2,3-Trichloropropane

Concen: 23.665 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN079845.D

Acq: 03 Nov 2023 13:41

Instrument :

MSVOA_N

ClientSampleId :

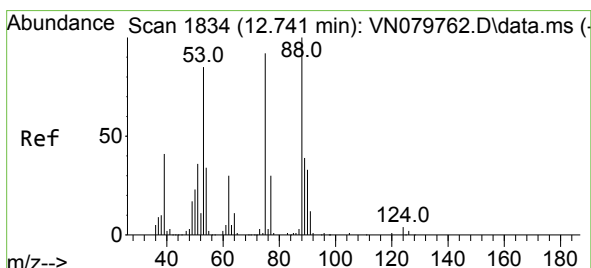
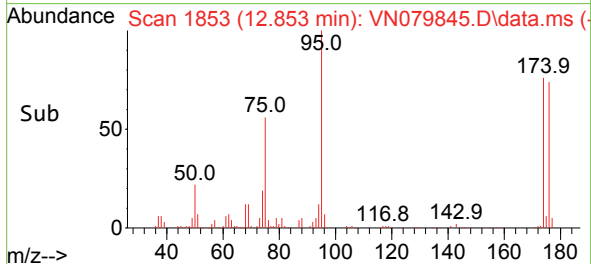
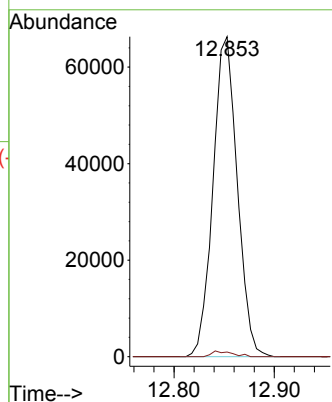
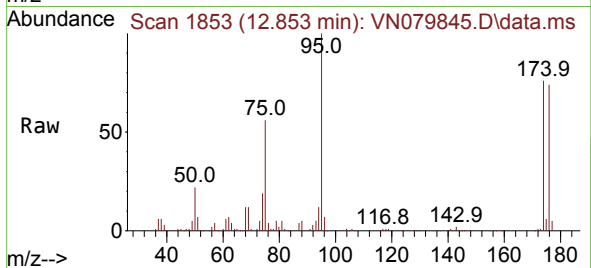
BP-VPB-188-GW-300-302

Tgt Ion: 75 Resp: 111512

Ion Ratio Lower Upper

75 100

77 1.5 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.388 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN079845.D

Acq: 03 Nov 2023 13:41

Tgt Ion: 75 Resp: 111512

Ion Ratio Lower Upper

75 100

53 0.1 67.4 101.2#

89 0.0 38.8 58.2#

