

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079847.D
 Acq On : 03 Nov 2023 14:28
 Operator : JC\MD
 Sample : 05225-07RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-188-GW-400-402

Quant Time: Nov 04 00:52:39 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)

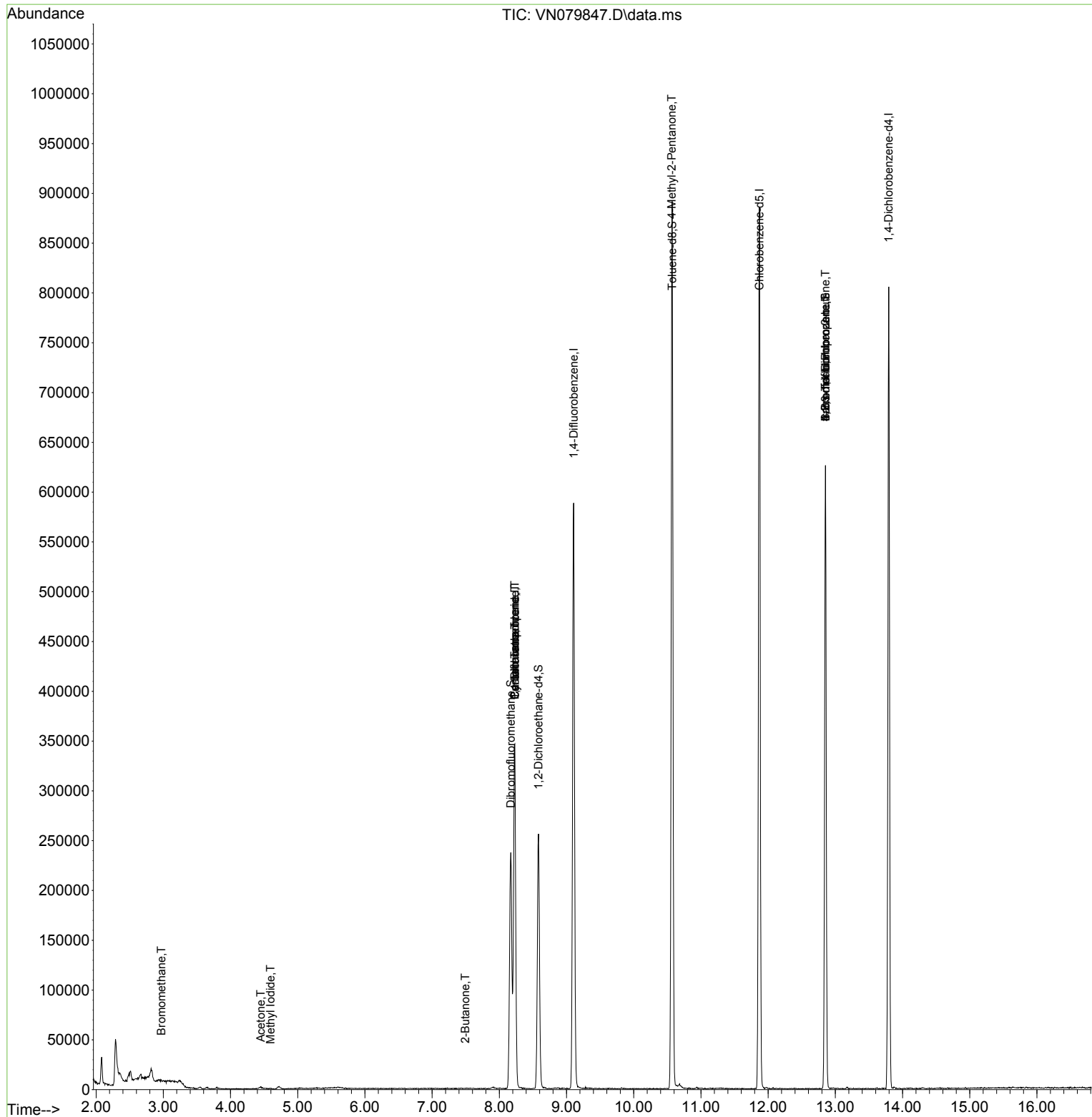
Internal Standards						
1) Pentafluorobenzene	8.230	168	241090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	483792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	506348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	205591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	208359	56.726	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.460%
35) Dibromofluoromethane	8.171	113	173212	50.586	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.180%
50) Toluene-d8	10.571	98	595632	47.253	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.500%
62) 4-Bromofluorobenzene	12.853	95	207725	49.688	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.380%
Target Compounds						
					Qvalue	
3) Chloromethane	2.366	50	2003	Below Cal	#	76
5) Bromomethane	2.971	94	836	0.362	ug/l #	63
10) Methyl Iodide	4.595	142	678	0.217	ug/l #	38
16) Acetone	4.448	43	3372	2.614	ug/l	95
25) 2-Butanone	7.495	43	580	0.307	ug/l #	37
31) Cyclohexane	8.230	56	6205	1.278	ug/l #	16
36) 1,1-Dichloropropene	8.230	75	21332	4.363	ug/l #	48
38) Carbon Tetrachloride	8.230	117	26536	5.386	ug/l #	15
51) 4-Methyl-2-Pentanone	10.565	43	2839	0.641	ug/l #	1
71) Bromoform	12.853	173	2019	0.719	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	114642	23.752	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	114642	64.623	ug/l #	15

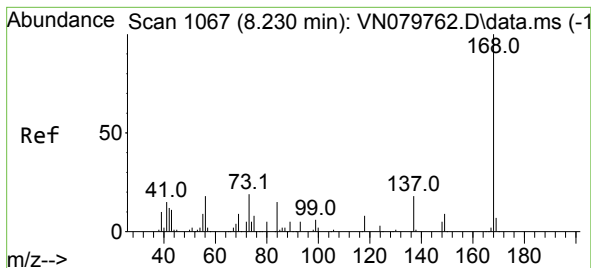
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN079847.D

Acq: 03 Nov 2023 14:28

Instrument :

MSVOA_N

ClientSampleId :

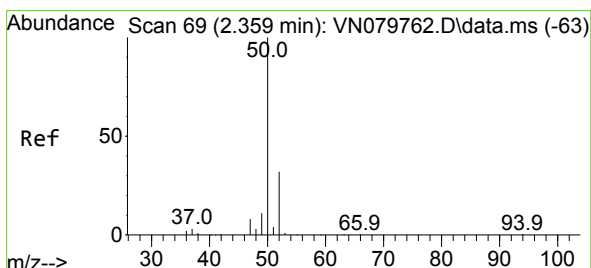
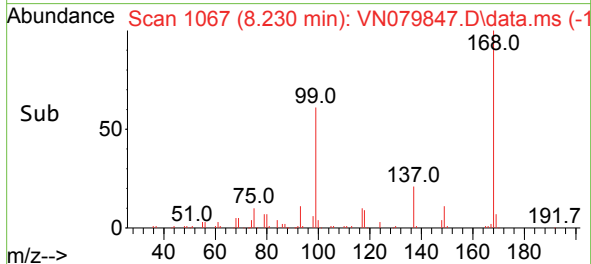
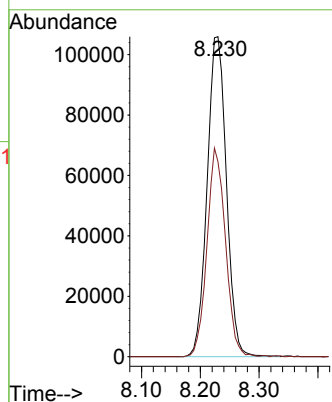
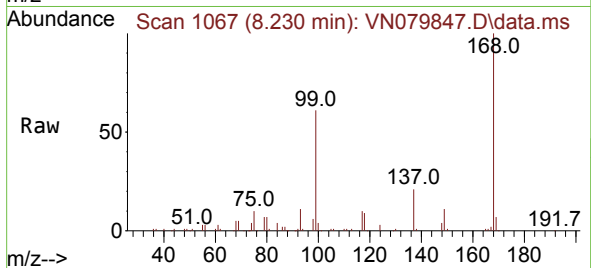
BP-VPB-188-GW-400-402

Tgt Ion:168 Resp: 241090

Ion Ratio Lower Upper

168 100

99 61.0 53.0 79.6



#3

Chloromethane

Concen: Below Cal

RT: 2.366 min Scan# 70

Delta R.T. 0.007 min

Lab File: VN079847.D

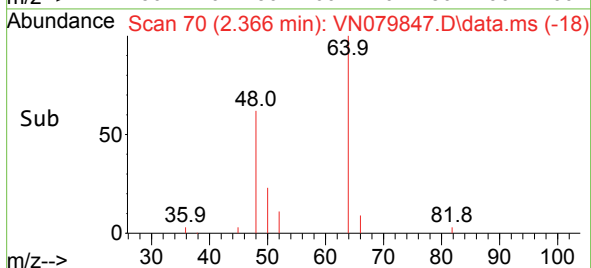
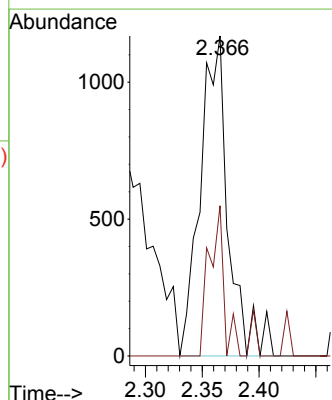
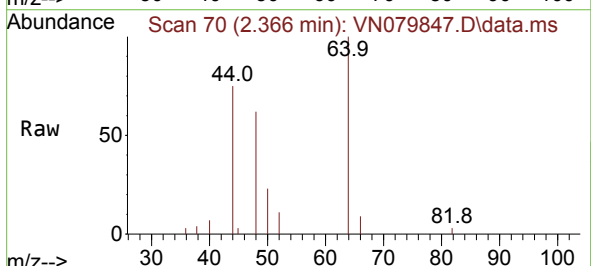
Acq: 03 Nov 2023 14:28

Tgt Ion: 50 Resp: 2003

Ion Ratio Lower Upper

50 100

52 47.0 26.5 39.7#

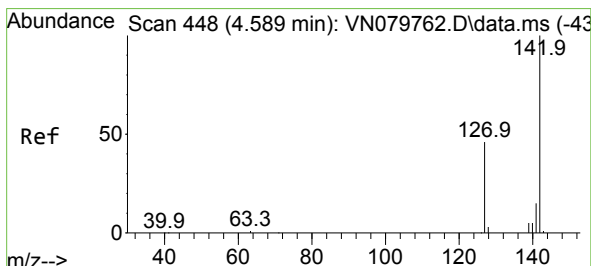
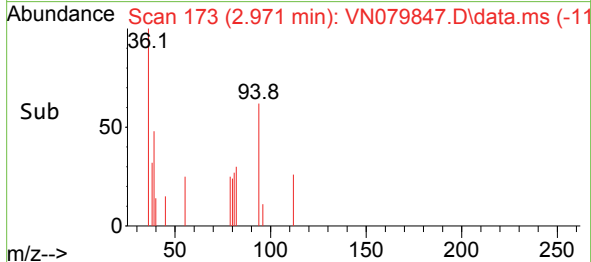
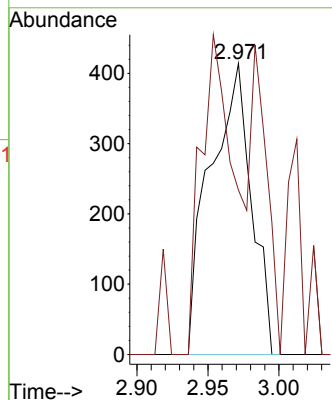
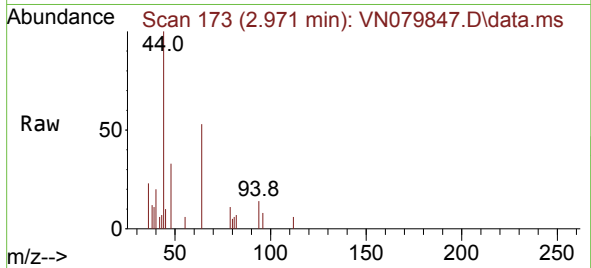




#5
Bromomethane
Concen: 0.362 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN079847.D
Acq: 03 Nov 2023 14:28

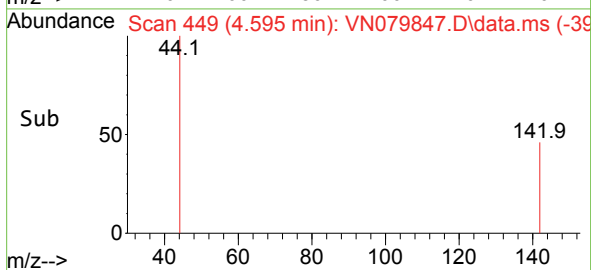
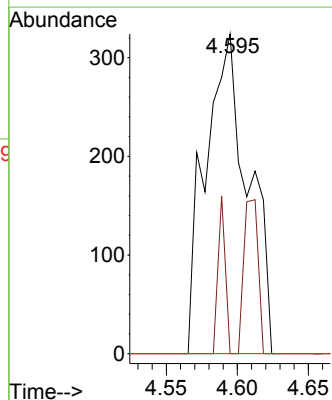
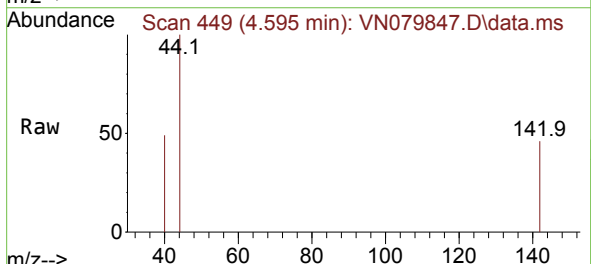
Instrument :
MSVOA_N
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BP-VPB-188-GW-400-402

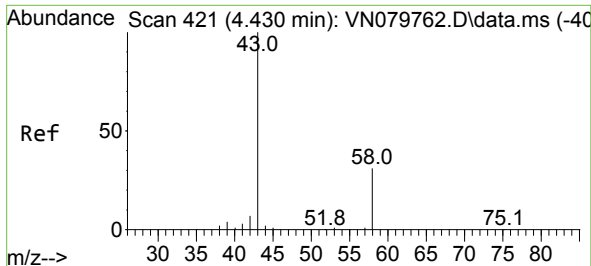
Tgt Ion: 94 Resp: 836
Ion Ratio Lower Upper
94 100
96 56.5 73.1 109.7#



#10
Methyl Iodide
Concen: 0.217 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN079847.D
Acq: 03 Nov 2023 14:28

Tgt Ion: 142 Resp: 678
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.4 17.0#

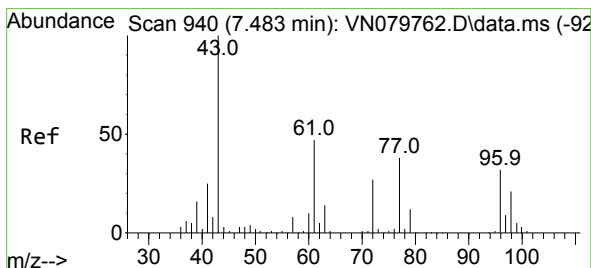
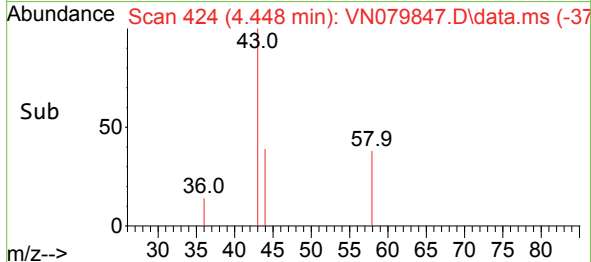
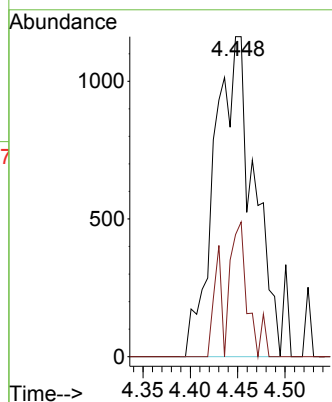
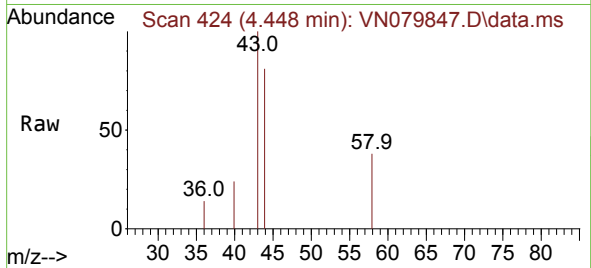




#16
Acetone
Concen: 2.614 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN079847.D
Acq: 03 Nov 2023 14:28

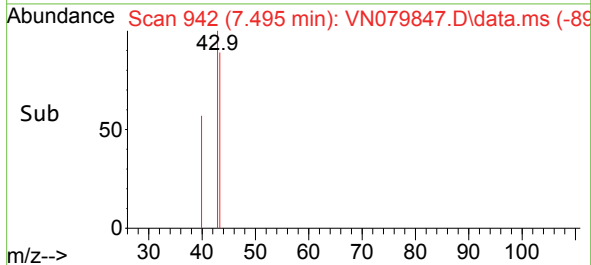
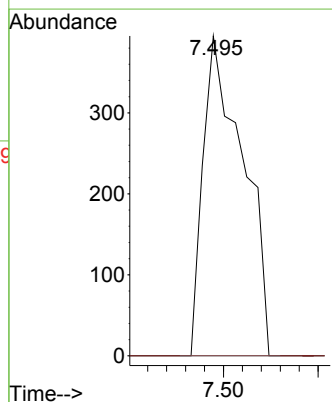
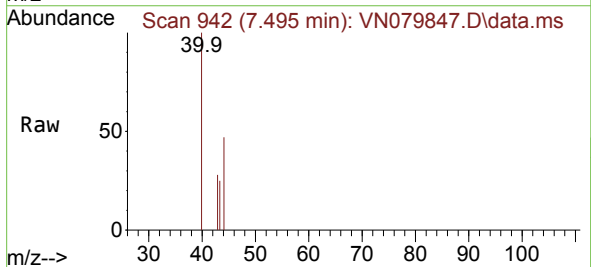
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-188-GW-400-402

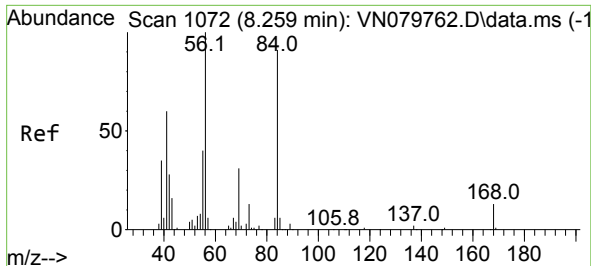
Tgt Ion: 43 Resp: 3372
Ion Ratio Lower Upper
43 100
58 38.1 28.0 42.0



#25
2-Butanone
Concen: 0.307 ug/l
RT: 7.495 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079847.D
Acq: 03 Nov 2023 14:28

Tgt Ion: 43 Resp: 580
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#

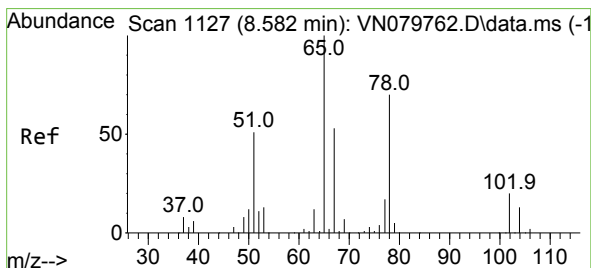
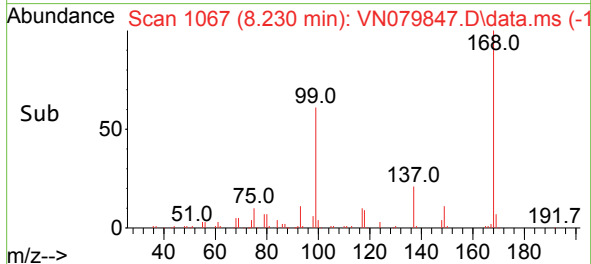
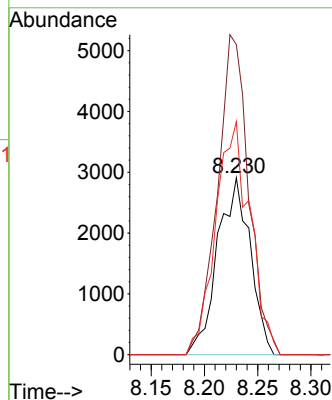
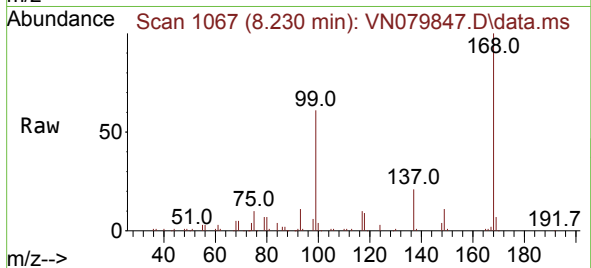




#31
Cyclohexane
Concen: 1.278 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN079847.D
Acq: 03 Nov 2023 14:28

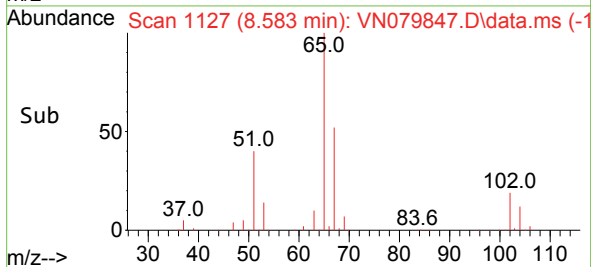
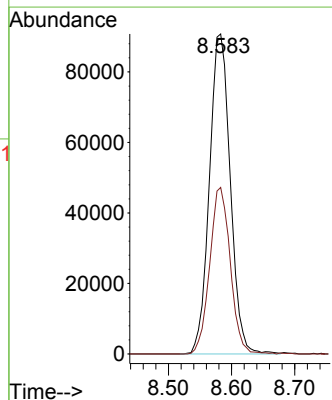
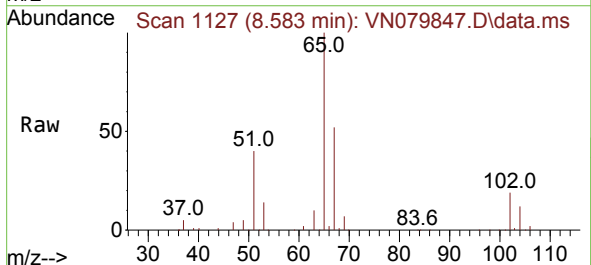
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-188-GW-400-402

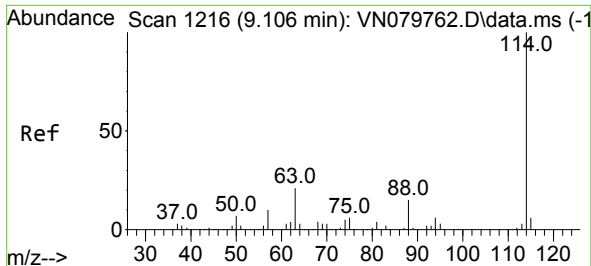
Tgt Ion: 56 Resp: 6205
Ion Ratio Lower Upper
56 100
69 175.4 26.8 40.2#
84 131.8 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 56.726 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079847.D
Acq: 03 Nov 2023 14:28

Tgt Ion: 65 Resp: 208359
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079847.D

Acq: 03 Nov 2023 14:28

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-188-GW-400-402

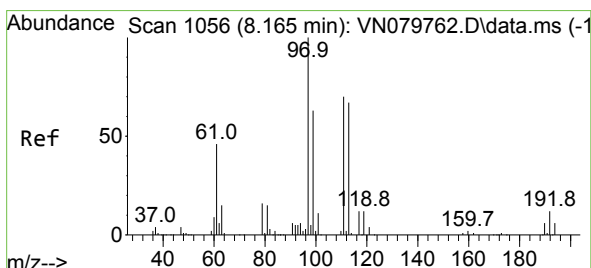
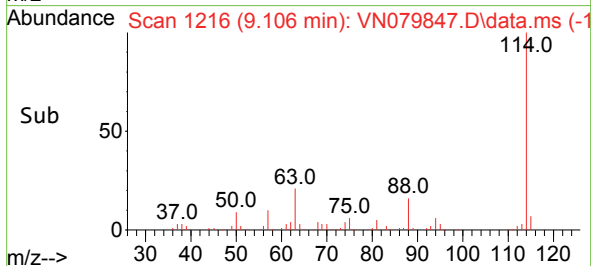
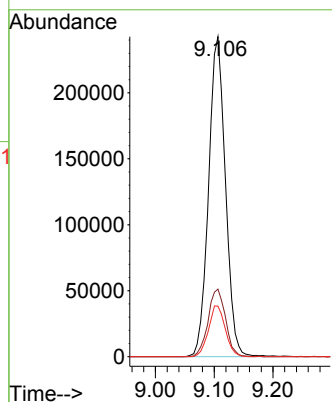
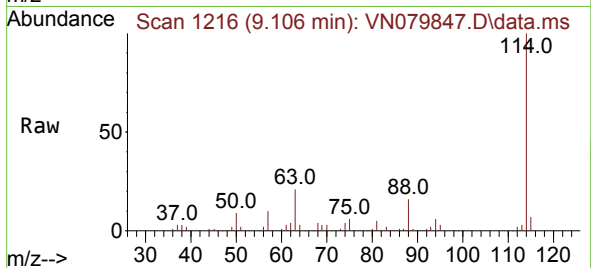
Tgt Ion:114 Resp: 483792

Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

88 15.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.586 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079847.D

Acq: 03 Nov 2023 14:28

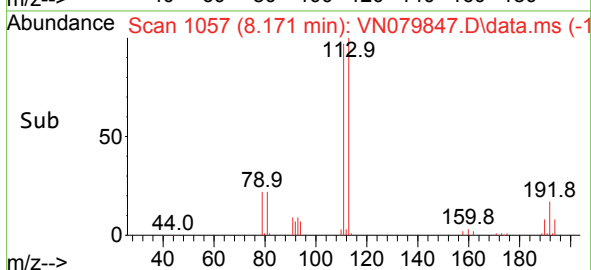
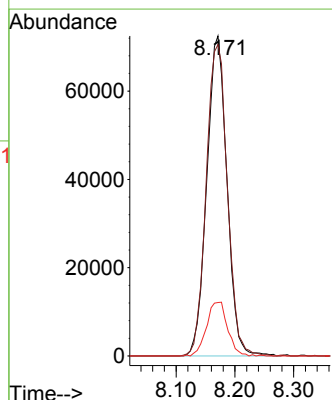
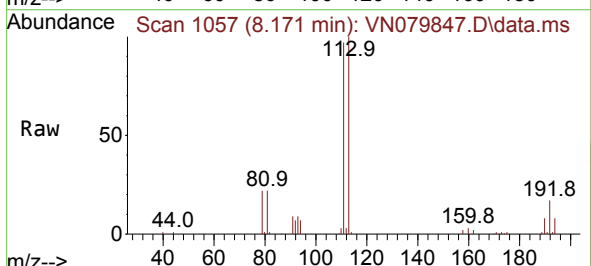
Tgt Ion:113 Resp: 173212

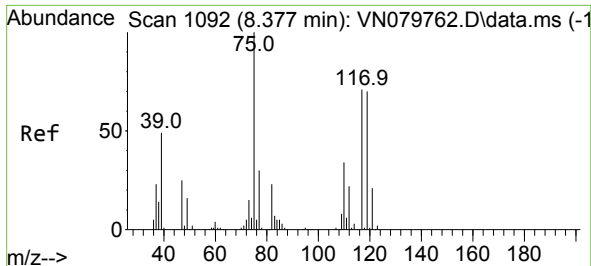
Ion Ratio Lower Upper

113 100

111 101.9 82.6 123.8

192 17.5 12.7 19.1

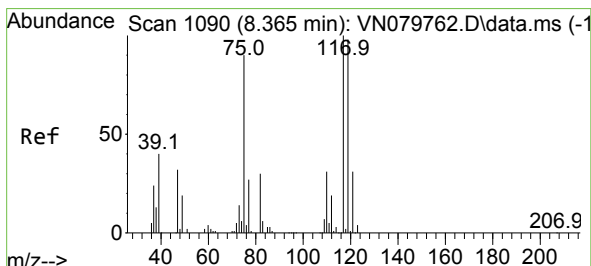
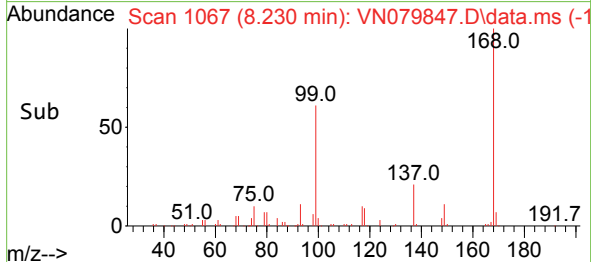
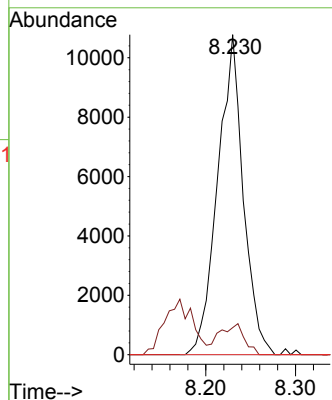
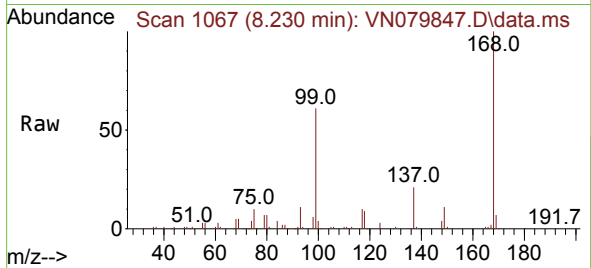




#36
1,1-Dichloropropene
Concen: 4.363 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN079847.D
Acq: 03 Nov 2023 14:28

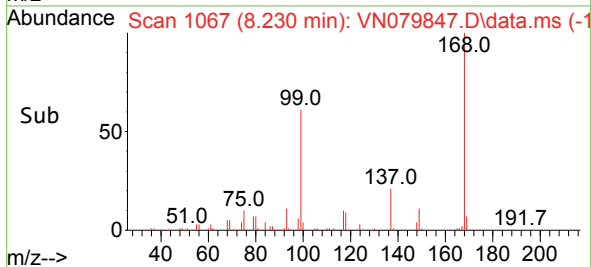
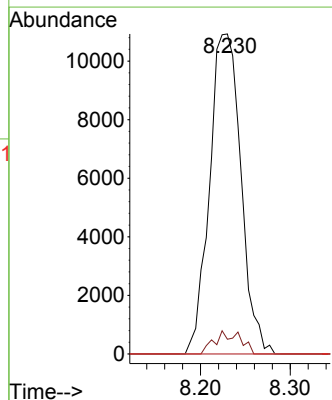
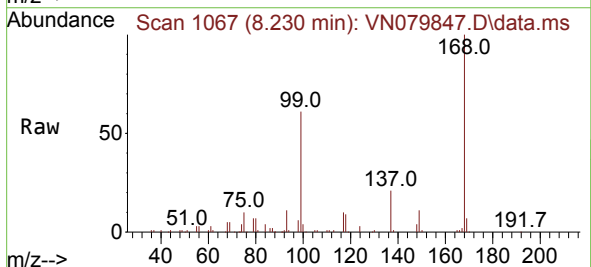
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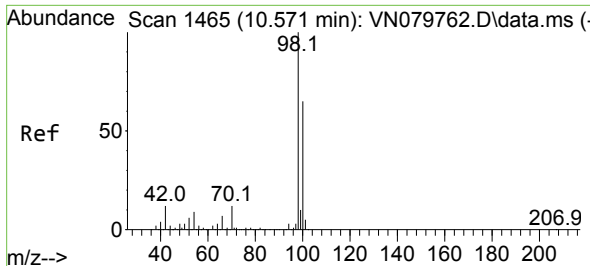
Tgt Ion: 75 Resp: 21332
Ion Ratio Lower Upper
75 100
110 9.6 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.386 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN079847.D
Acq: 03 Nov 2023 14:28

Tgt Ion: 117 Resp: 26536
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 23.3 34.9#

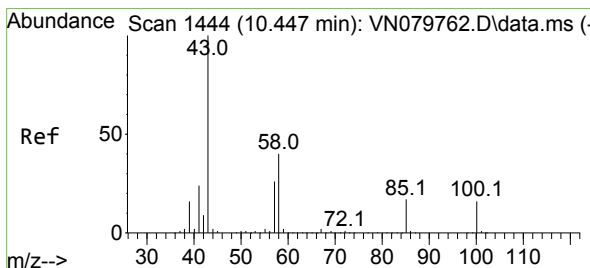
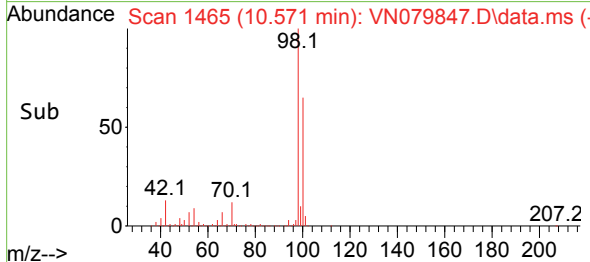
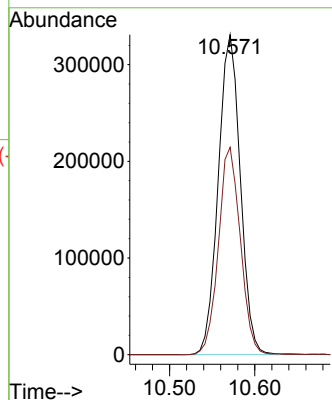
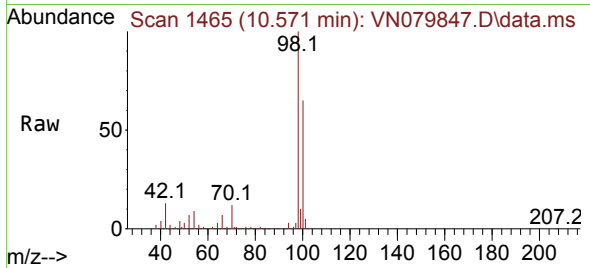




#50
Toluene-d8
Concen: 47.253 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079847.D
Acq: 03 Nov 2023 14:28

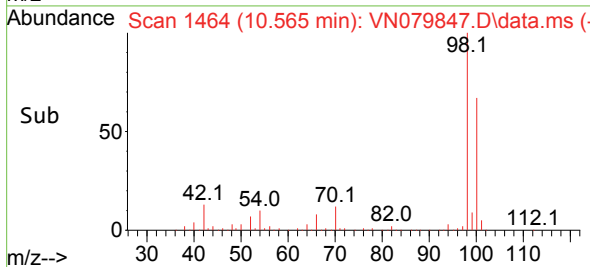
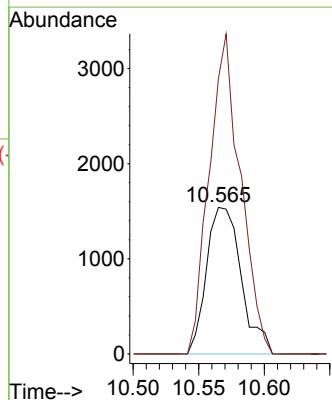
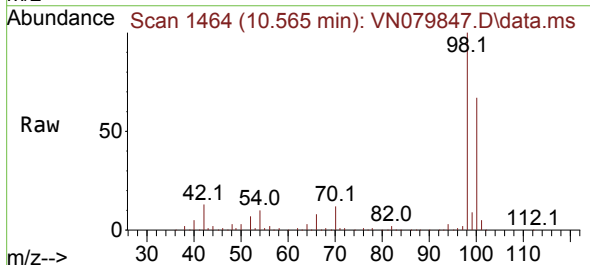
Instrument :
MSVOA_N
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BP-VPB-188-GW-400-402

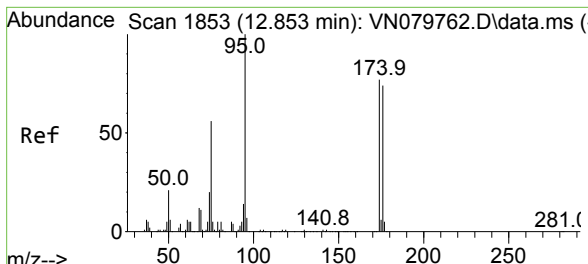
Tgt Ion: 98 Resp: 595632
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.641 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN079847.D
Acq: 03 Nov 2023 14:28

Tgt Ion: 43 Resp: 2839
Ion Ratio Lower Upper
43 100
58 196.9 36.6 54.8#

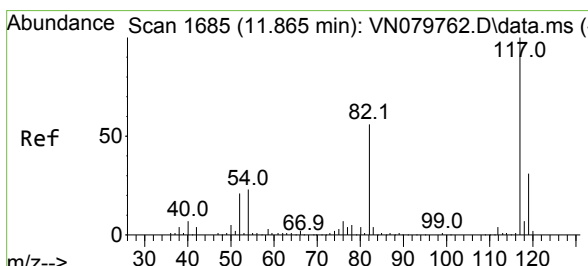
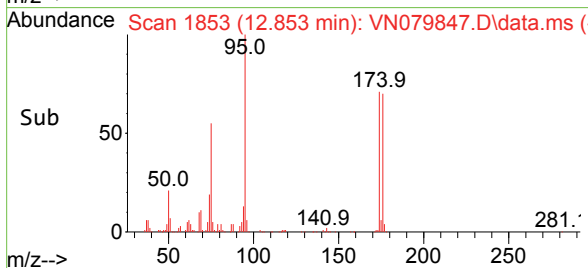
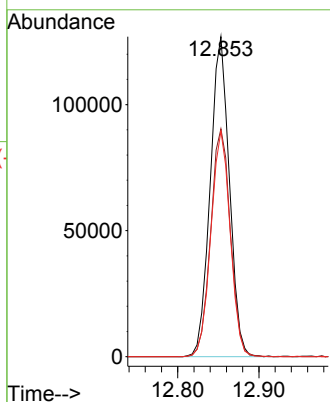
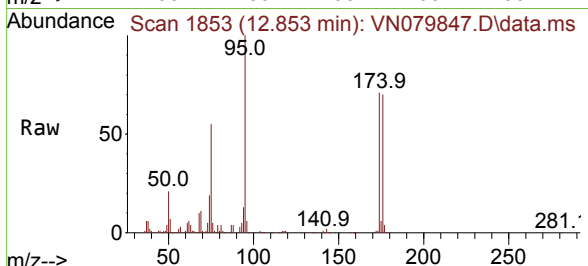




#62
4-Bromofluorobenzene
Concen: 49.688 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079847.D
Acq: 03 Nov 2023 14:28

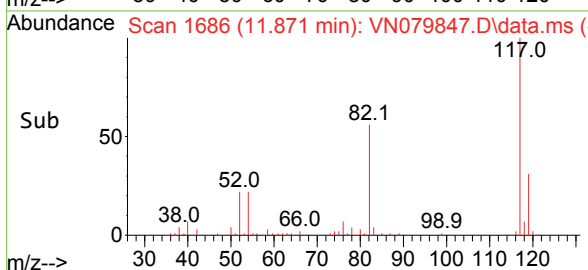
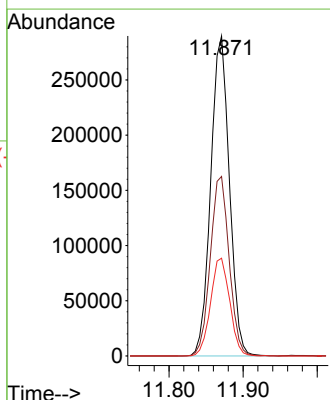
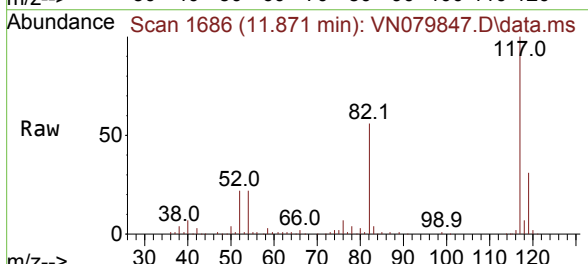
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-188-GW-400-402

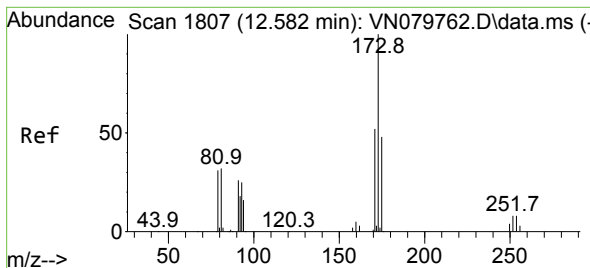
Tgt Ion:	95	Resp:	207725
Ion	Ratio	Lower	Upper
95	100		
174	73.7	0.0	143.8
176	70.9	0.0	135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079847.D
Acq: 03 Nov 2023 14:28

Tgt Ion:	117	Resp:	506348
Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.0	66.0
119	30.5	25.6	38.4





#71

Bromoform

Concen: 0.719 ug/l

RT: 12.853 min Scan# 11

Delta R.T. 0.271 min

Lab File: VN079847.D

Acq: 03 Nov 2023 14:28

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-188-GW-400-402

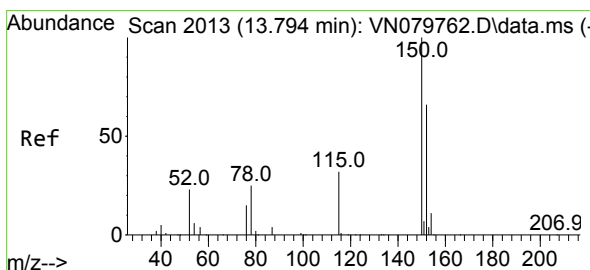
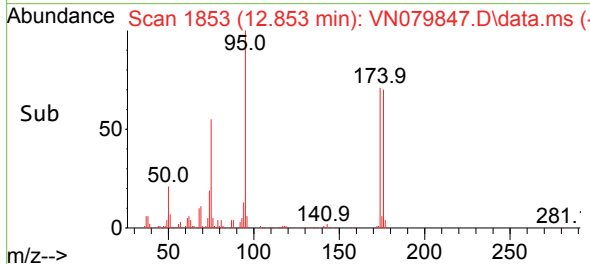
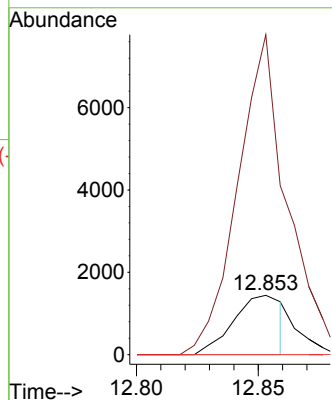
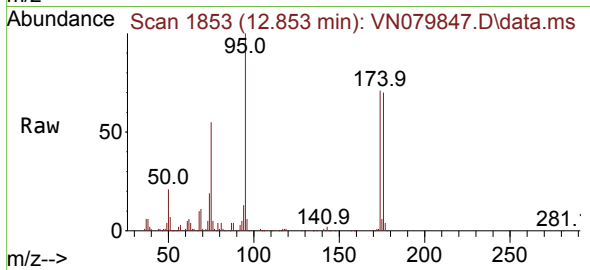
Tgt Ion:173 Resp: 2019

Ion Ratio Lower Upper

173 100

175 439.3 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: VN079847.D

Acq: 03 Nov 2023 14:28

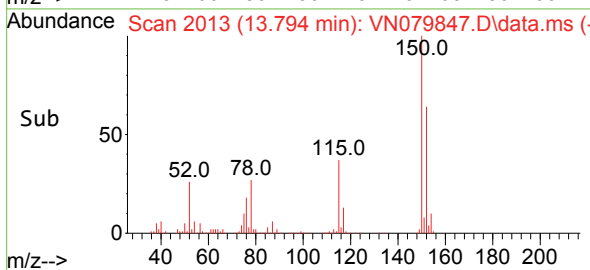
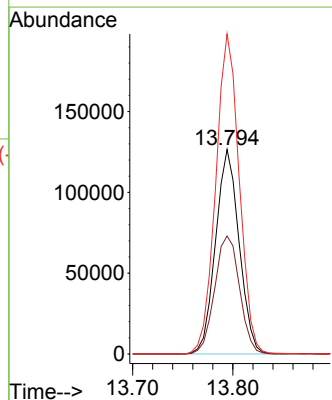
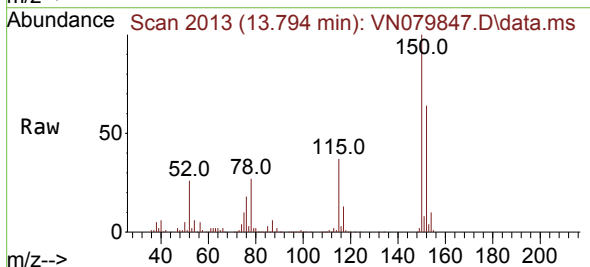
Tgt Ion:152 Resp: 205591

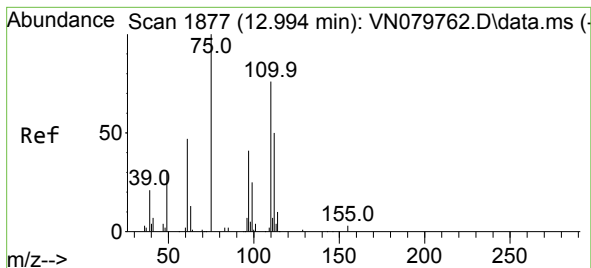
Ion Ratio Lower Upper

152 100

115 61.1 32.3 96.8

150 156.5 0.0 355.8





#76

1,2,3-Trichloropropane

Concen: 23.752 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN079847.D

Acq: 03 Nov 2023 14:28

Instrument :

MSVOA_N

ClientSampleId :

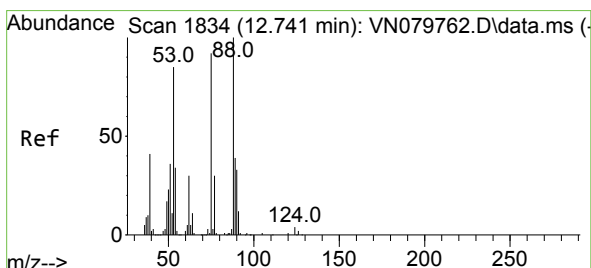
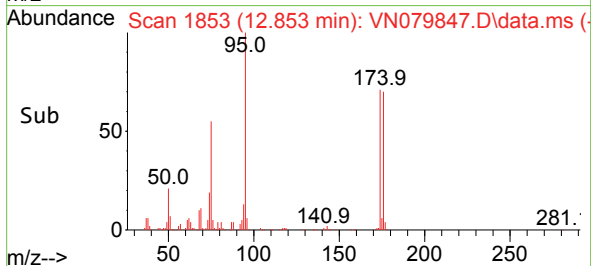
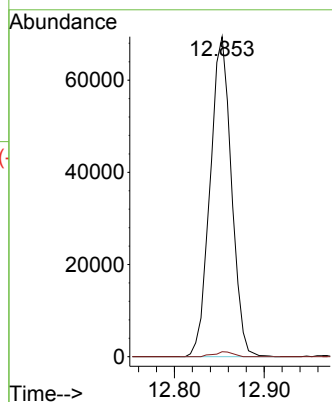
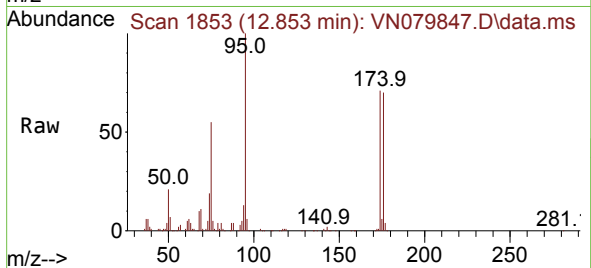
BP-VPB-188-GW-400-402

Tgt Ion: 75 Resp: 114642

Ion Ratio Lower Upper

75 100

77 1.4 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.623 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN079847.D

Acq: 03 Nov 2023 14:28

Tgt Ion: 75 Resp: 114642

Ion Ratio Lower Upper

75 100

53 0.1 67.4 101.2#

89 0.0 38.8 58.2#

