

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070924\
 Data File : VN082838.D
 Acq On : 09 Jul 2024 14:33
 Operator : JC\MD
 Sample : P3173-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-TB-20240703

Quant Time: Jul 10 01:20:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

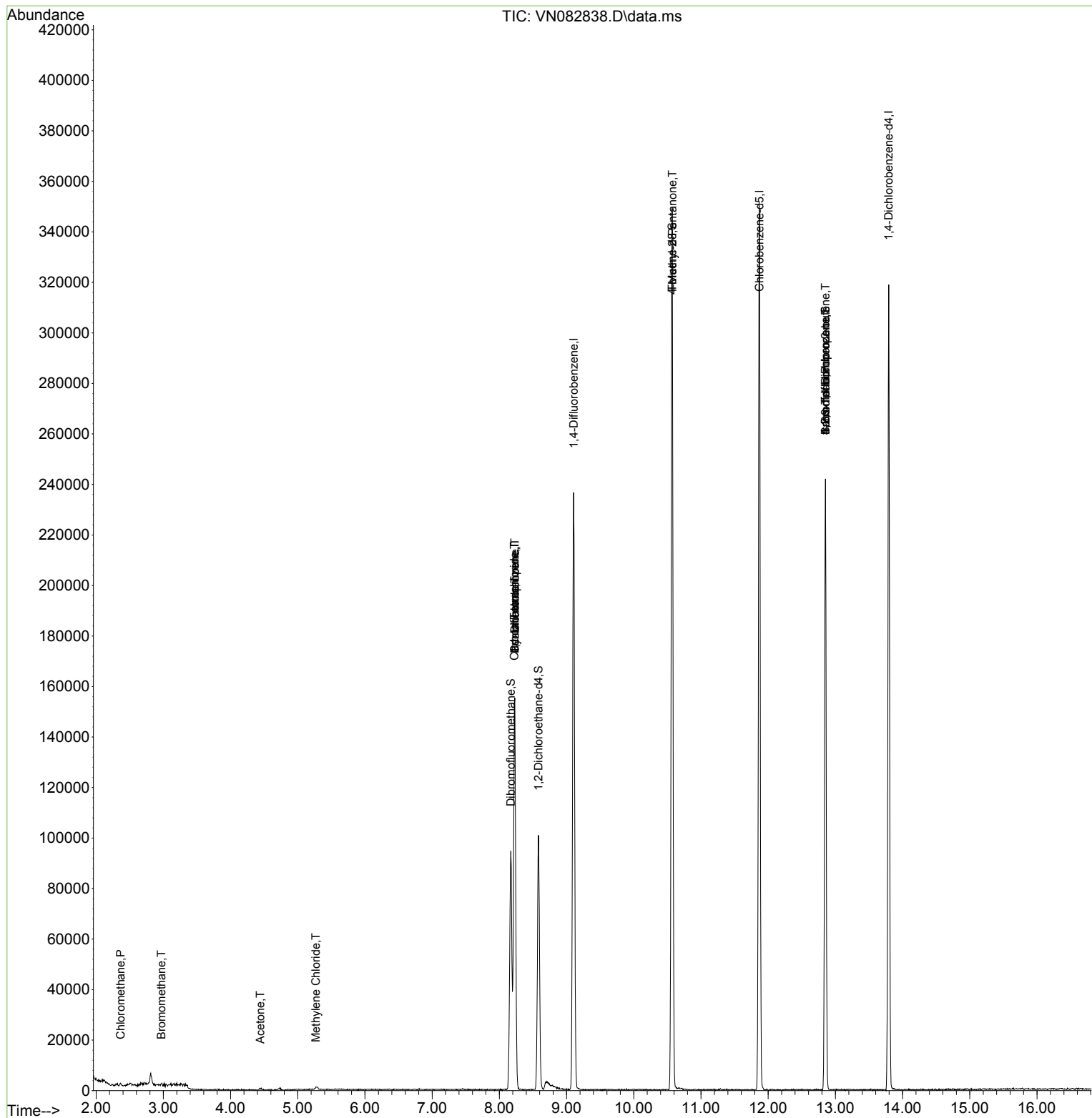
Internal Standards						
1) Pentafluorobenzene	8.229	168	107476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	201136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	196420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	81927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	81802	54.296	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.600%			
35) Dibromofluoromethane	8.171	113	65646	50.863	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.720%			
50) Toluene-d8	10.570	98	233922	49.072	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.140%			
62) 4-Bromofluorobenzene	12.853	95	76597	44.733	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 89.460%			
Target Compounds			Qvalue			
3) Chloromethane	2.365	50	708	0.537	ug/l #	43
5) Bromomethane	2.971	94	433	0.433	ug/l	93
16) Acetone	4.441	43	989	1.865	ug/l #	85
20) Methylene Chloride	5.271	84	576	0.450	ug/l #	62
31) Cyclohexane	8.229	56	2674	1.358	ug/l #	1
36) 1,1-Dichloropropene	8.229	75	9662	5.430	ug/l #	51
38) Carbon Tetrachloride	8.224	117	12033	5.616	ug/l #	19
43) Isopropyl Acetate	8.700	43	1998	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.576	43	1177	0.655	ug/l #	1
71) Bromoform	12.853	173	586	0.498	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	44712	31.655	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	44712	62.257	ug/l #	6

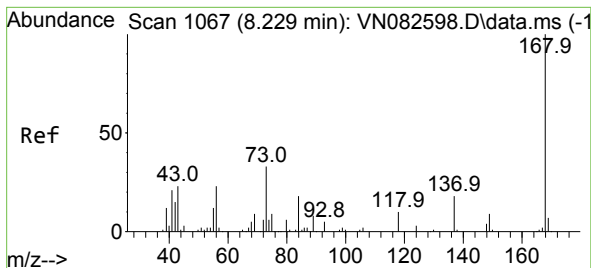
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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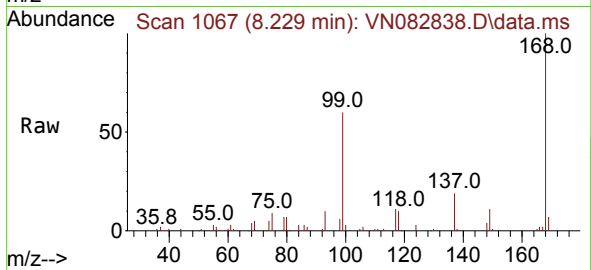
Quant Time: Jul 10 01:20:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
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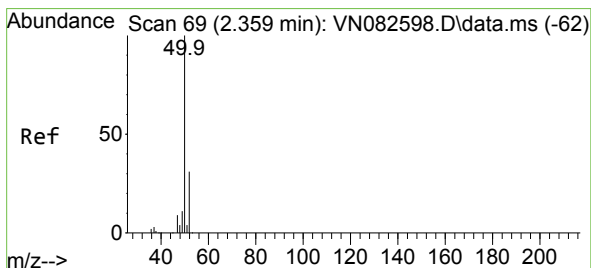
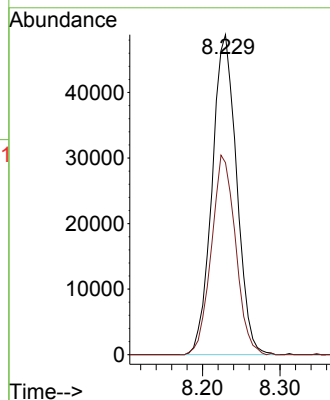
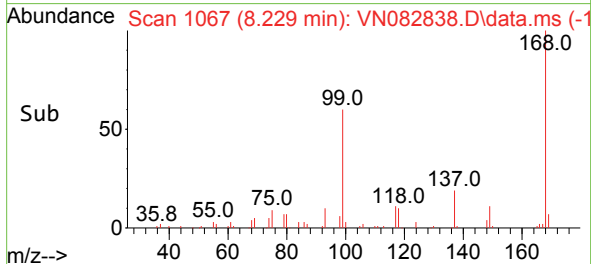


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN082838.D
Acq: 09 Jul 2024 14:33

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-TB-20240703

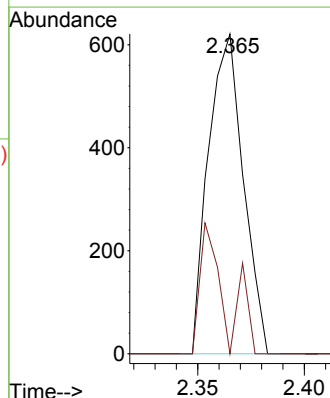
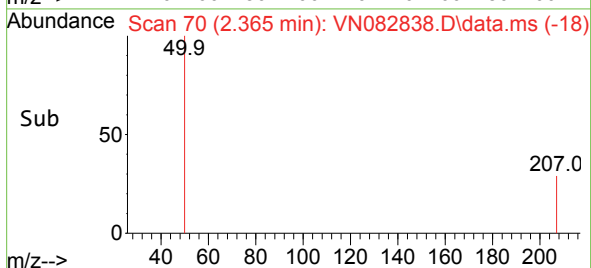
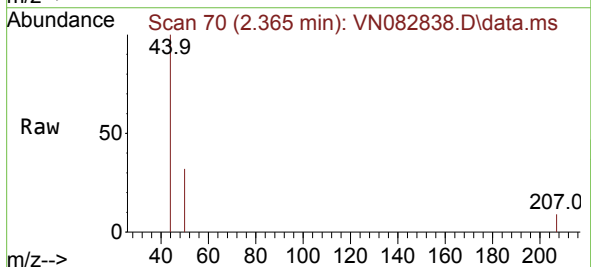


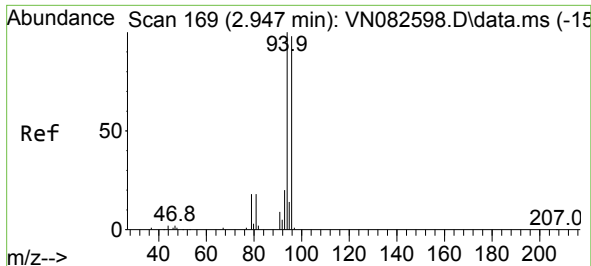
Tgt Ion:168 Resp: 107476
Ion Ratio Lower Upper
168 100
99 60.0 48.2 72.4



#3
Chloromethane
Concen: 0.537 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082838.D
Acq: 09 Jul 2024 14:33

Tgt Ion: 50 Resp: 708
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

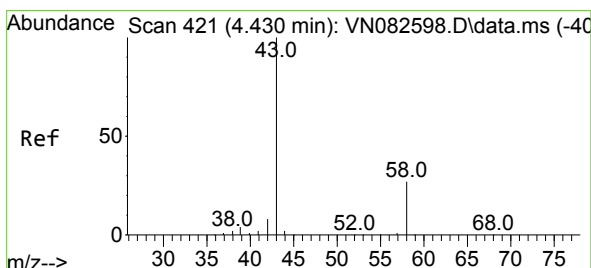
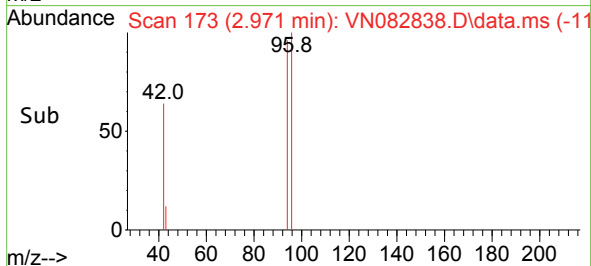
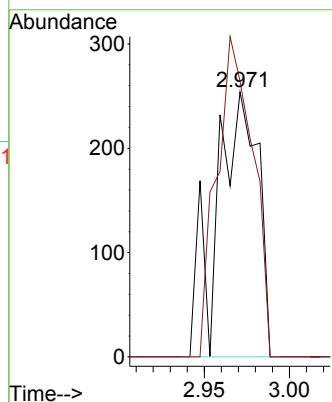
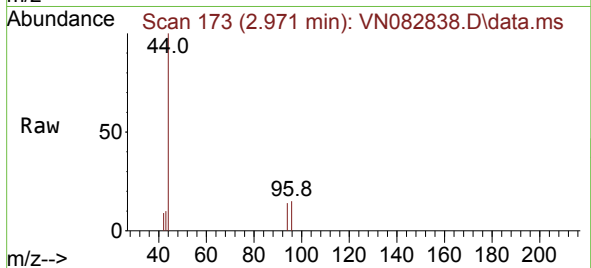




#5
Bromomethane
Concen: 0.433 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN082838.D
Acq: 09 Jul 2024 14:33

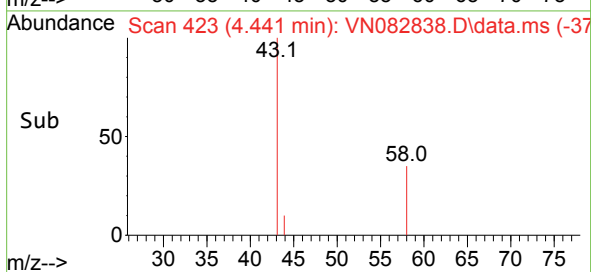
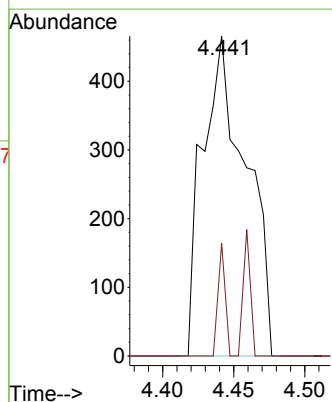
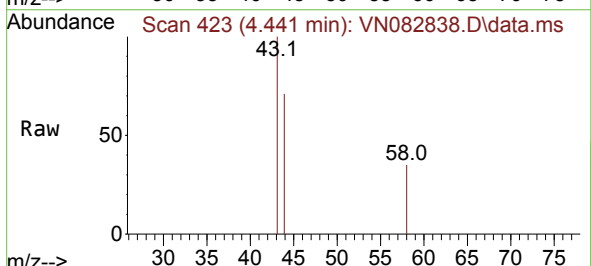
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-TB-20240703

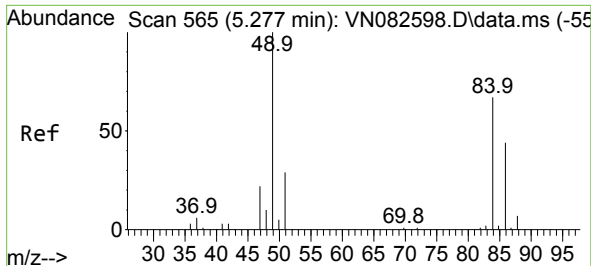
Tgt Ion: 94 Resp: 433
Ion Ratio Lower Upper
94 100
96 103.9 78.0 117.0



#16
Acetone
Concen: 1.865 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.011 min
Lab File: VN082838.D
Acq: 09 Jul 2024 14:33

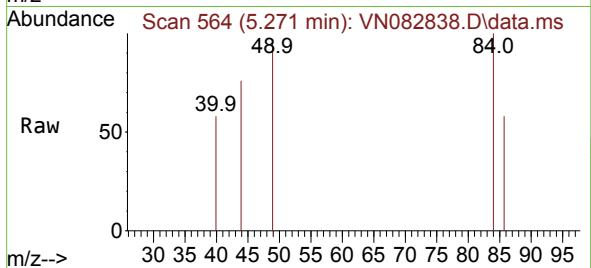
Tgt Ion: 43 Resp: 989
Ion Ratio Lower Upper
43 100
58 35.2 21.8 32.6#





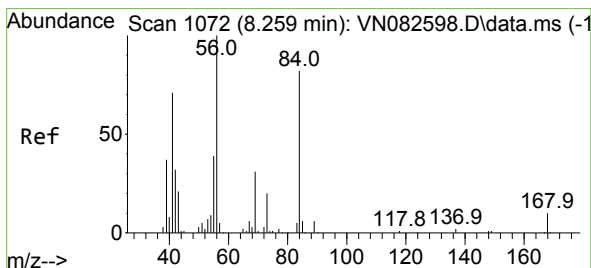
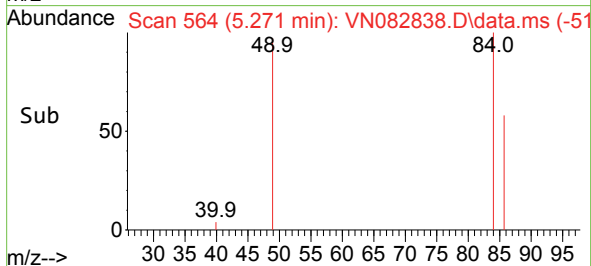
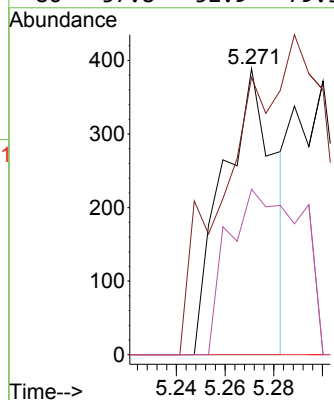
#20
Methylene Chloride
Concen: 0.450 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082838.D
Acq: 09 Jul 2024 14:33

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-TB-20240703



Tgt Ion: 84 Resp: 576

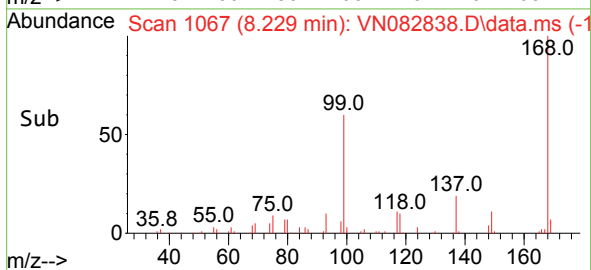
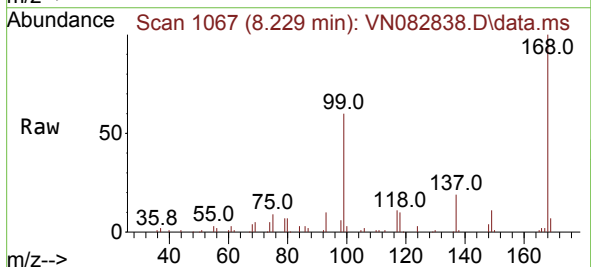
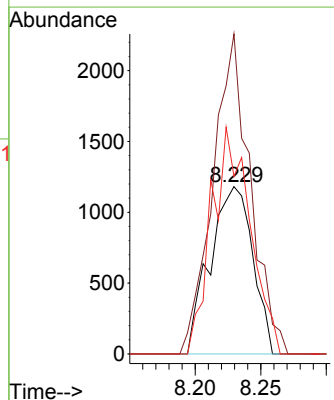
Ion	Ratio	Lower	Upper
84	100		
49	96.9	119.6	179.4#
51	0.0	34.8	52.2#
86	57.8	52.9	79.3

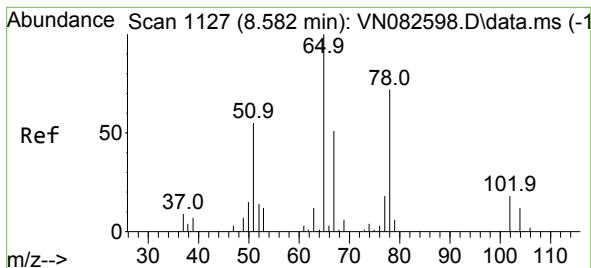


#31
Cyclohexane
Concen: 1.358 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN082838.D
Acq: 09 Jul 2024 14:33

Tgt Ion: 56 Resp: 2674

Ion	Ratio	Lower	Upper
56	100		
69	191.3	24.5	36.7#
84	106.2	66.0	99.0#





#33

1,2-Dichloroethane-d4

Concen: 54.296 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082838.D

Acq: 09 Jul 2024 14:33

Instrument :

MSVOA_N

ClientSampleId :

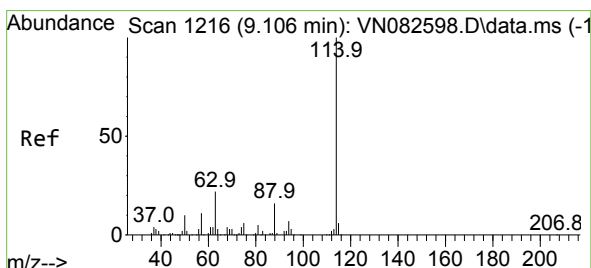
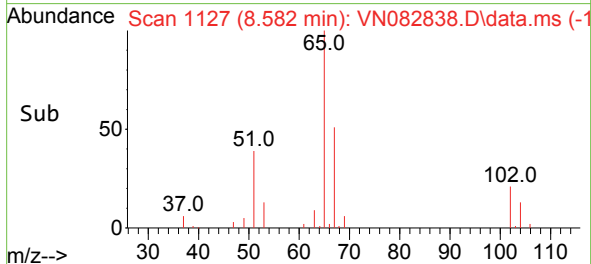
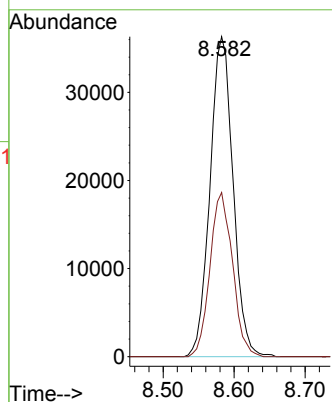
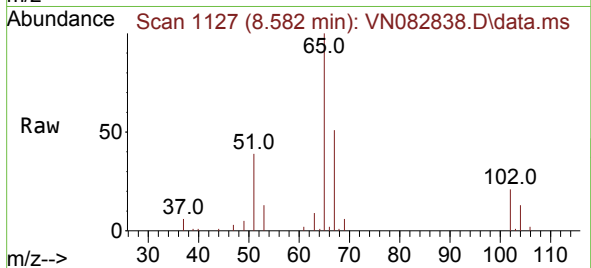
BP-VPB-189-TB-20240703

Tgt Ion: 65 Resp: 81802

Ion Ratio Lower Upper

65 100

67 50.2 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN082838.D

Acq: 09 Jul 2024 14:33

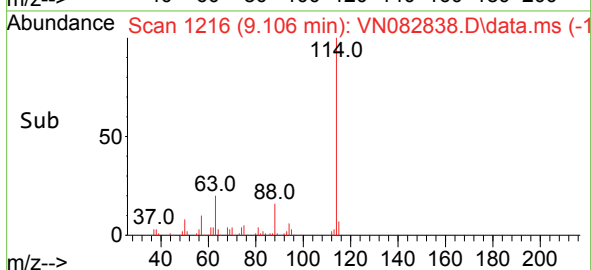
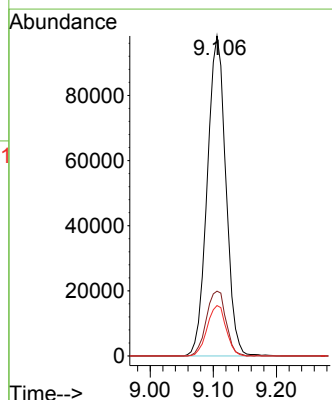
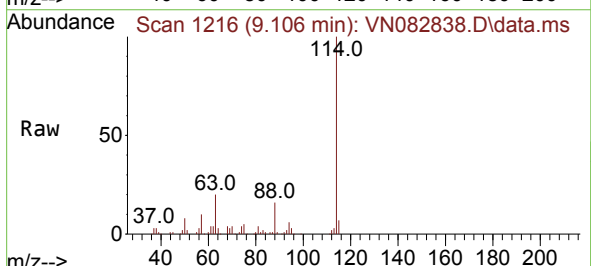
Tgt Ion: 114 Resp: 201136

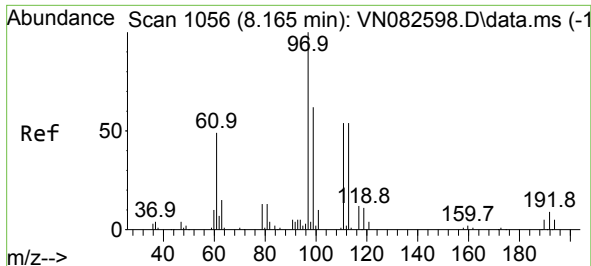
Ion Ratio Lower Upper

114 100

63 20.3 0.0 44.6

88 15.8 0.0 31.4

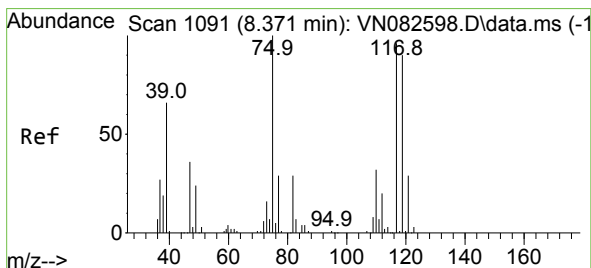
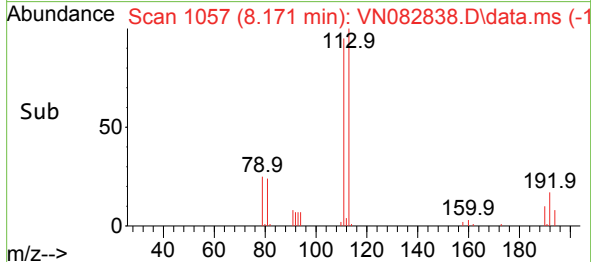
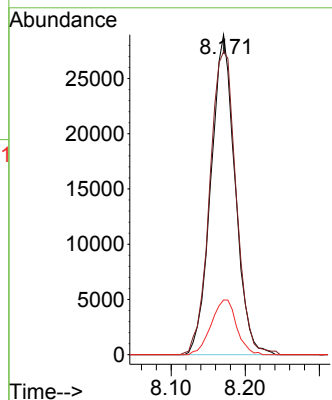
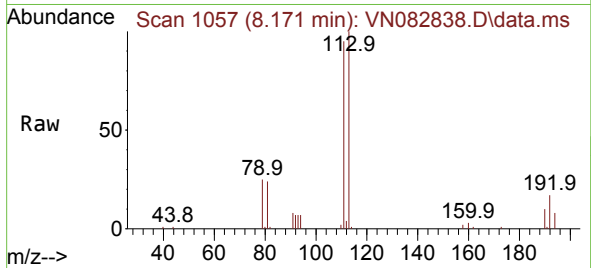




#35
Dibromofluoromethane
Concen: 50.863 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082838.D
Acq: 09 Jul 2024 14:33

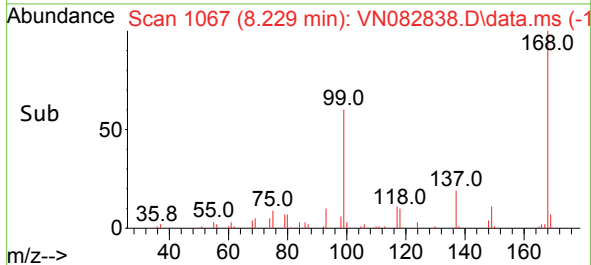
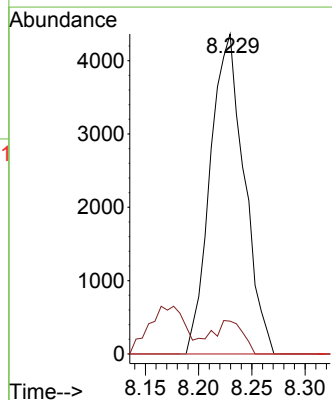
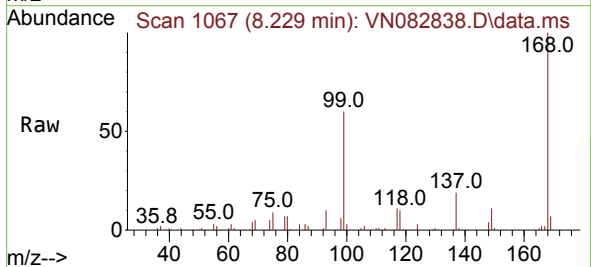
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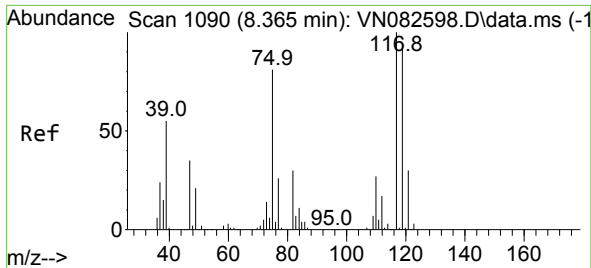
Tgt Ion:113 Resp: 65646
Ion Ratio Lower Upper
113 100
111 103.4 82.4 123.6
192 18.0 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.430 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.142 min
Lab File: VN082838.D
Acq: 09 Jul 2024 14:33

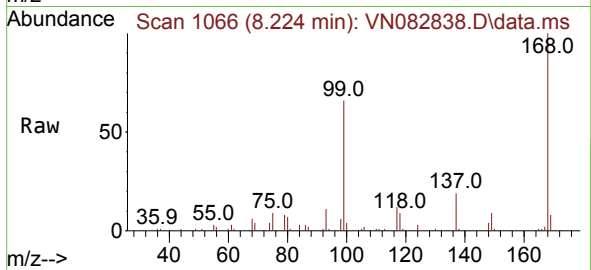
Tgt Ion: 75 Resp: 9662
Ion Ratio Lower Upper
75 100
110 8.5 16.3 48.9#
77 0.0 24.6 37.0#



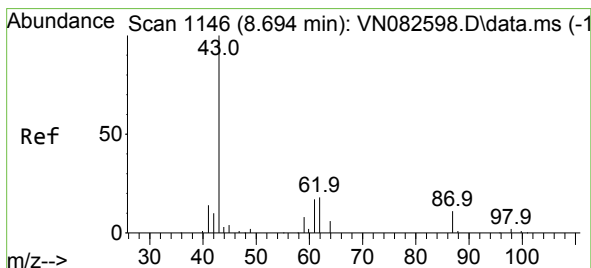
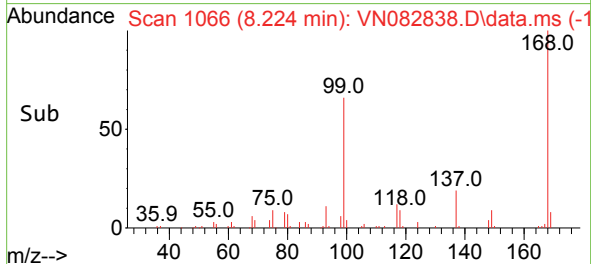
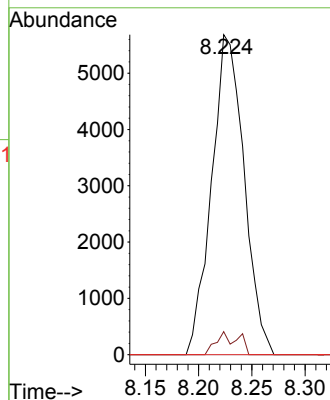


#38
Carbon Tetrachloride
Concen: 5.616 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.141 min
Lab File: VN082838.D
Acq: 09 Jul 2024 14:33

Instrument : MSVOA_N
ClientSampleId : BP-VPB-189-TB-20240703

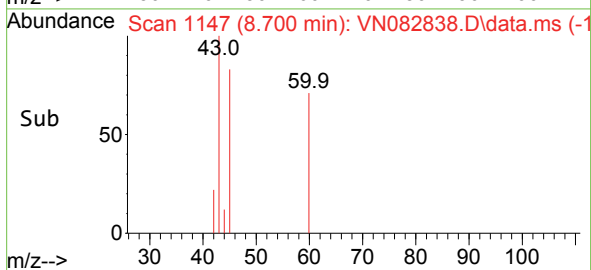
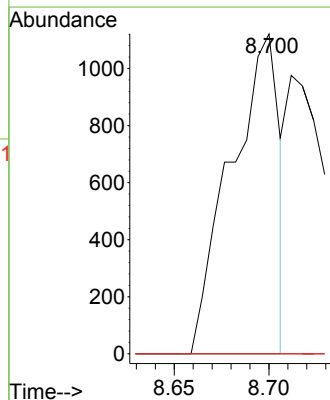
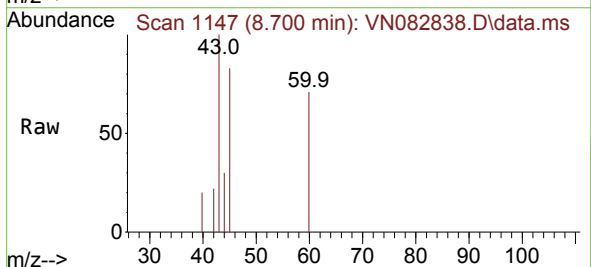


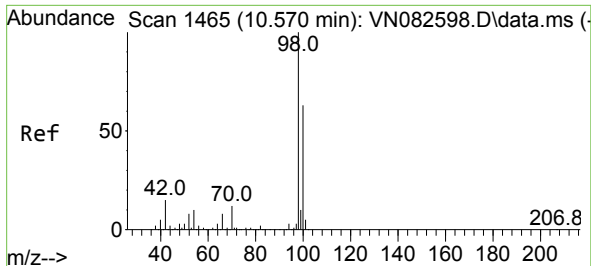
Tgt Ion: 117 Resp: 12033
Ion Ratio Lower Upper
117 100
119 7.2 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN082838.D
Acq: 09 Jul 2024 14:33

Tgt Ion: 43 Resp: 1998
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

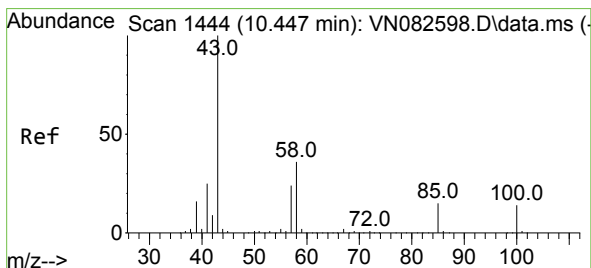
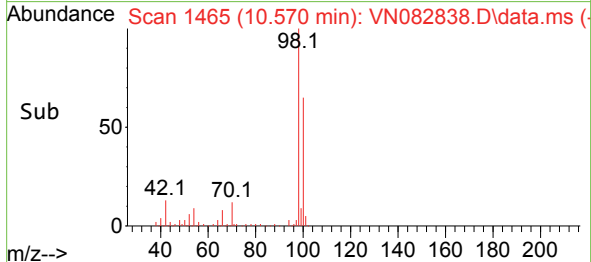
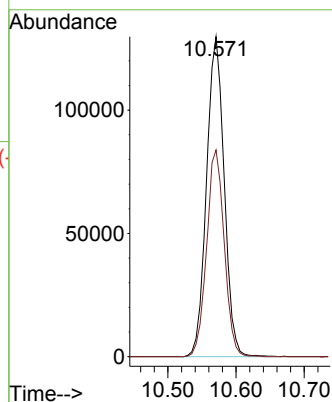
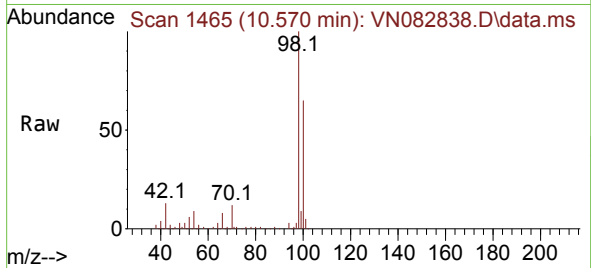




#50
Toluene-d8
Concen: 49.072 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082838.D
Acq: 09 Jul 2024 14:33

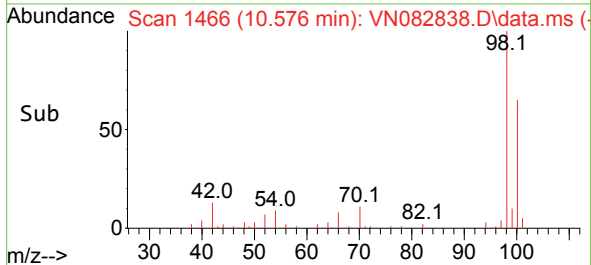
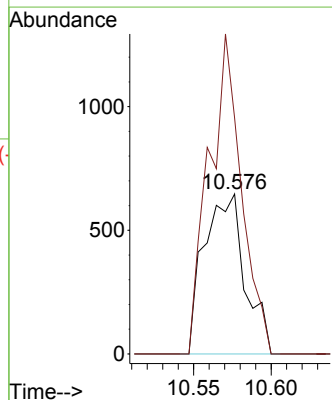
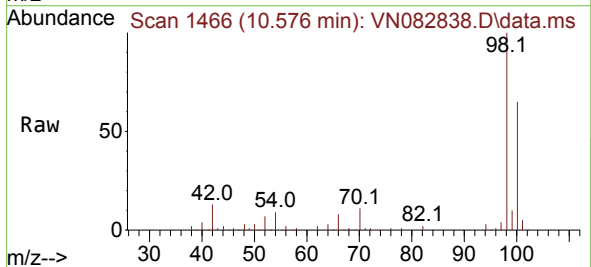
Instrument :
MSVOA_N
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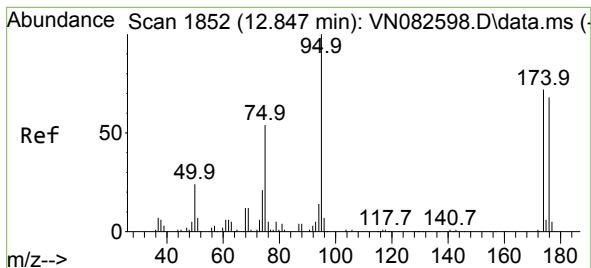
Tgt Ion: 98 Resp: 233922
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.655 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.129 min
Lab File: VN082838.D
Acq: 09 Jul 2024 14:33

Tgt Ion: 43 Resp: 1177
Ion Ratio Lower Upper
43 100
58 160.4 28.2 42.4#





#62

4-Bromofluorobenzene

Concen: 44.733 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082838.D

Acq: 09 Jul 2024 14:33

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-TB-20240703

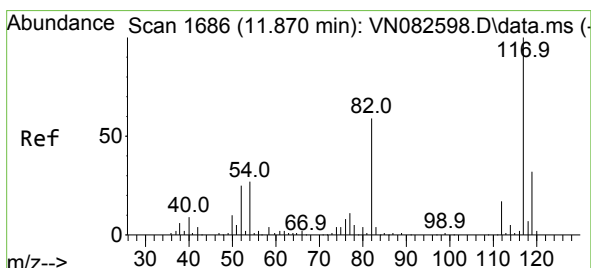
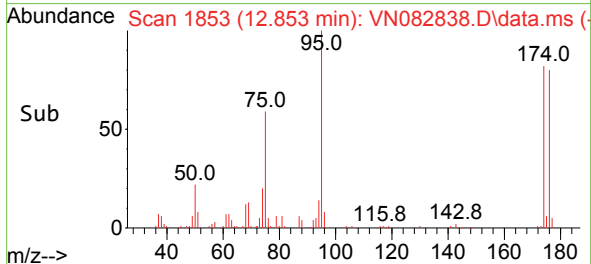
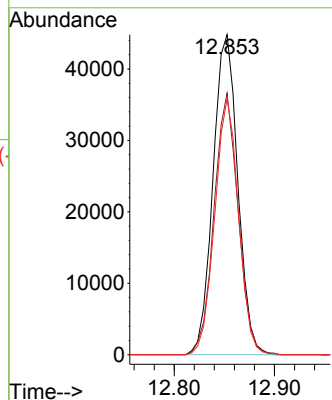
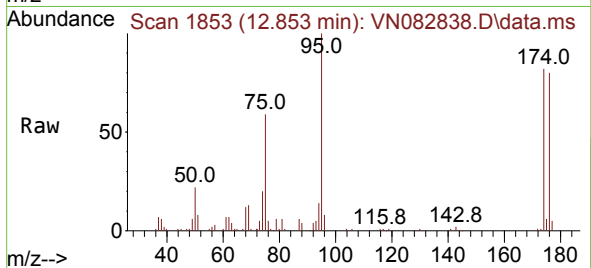
Tgt Ion: 95 Resp: 76597

Ion Ratio Lower Upper

95 100

174 79.6 0.0 159.2

176 76.9 0.0 147.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN082838.D

Acq: 09 Jul 2024 14:33

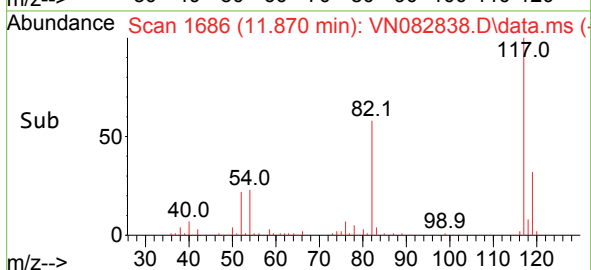
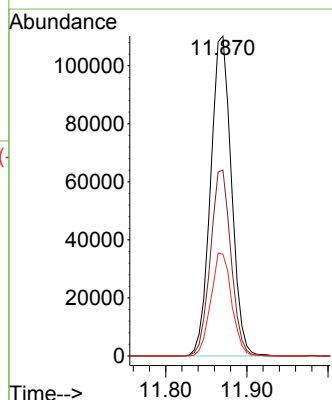
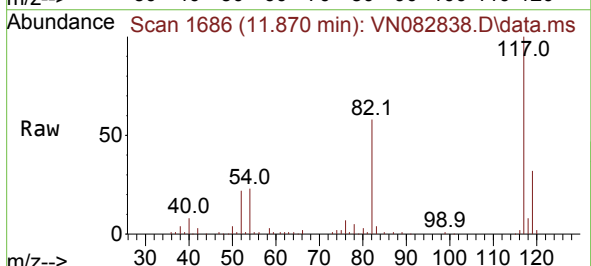
Tgt Ion: 117 Resp: 196420

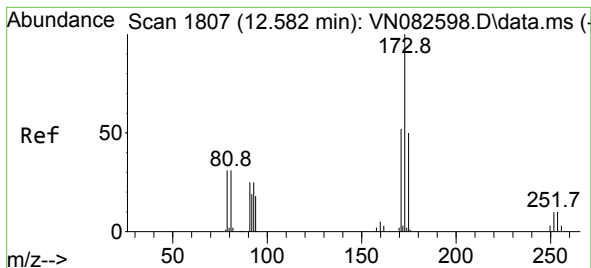
Ion Ratio Lower Upper

117 100

82 58.1 47.5 71.3

119 31.8 25.6 38.4





#71

Bromoform

Concen: 0.498 ug/l

RT: 12.853 min Scan# 1807

Delta R.T. 0.271 min

Lab File: VN082838.D

Acq: 09 Jul 2024 14:33

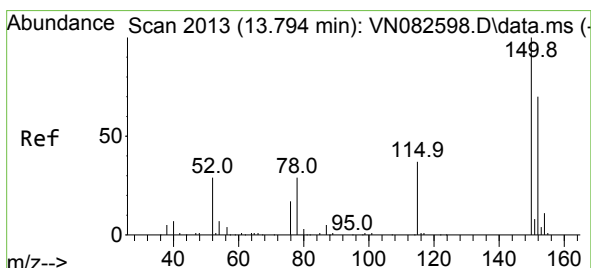
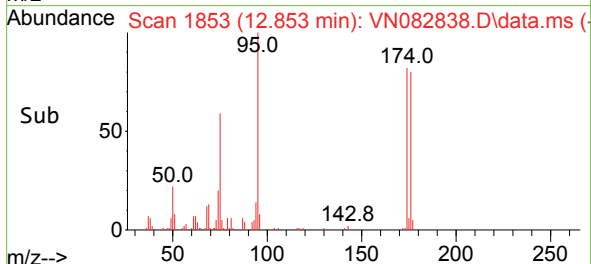
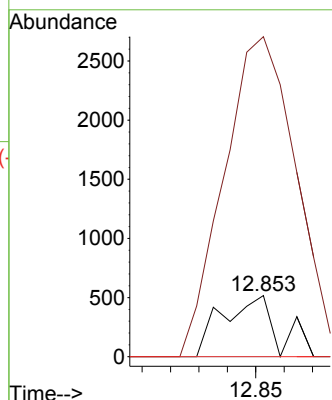
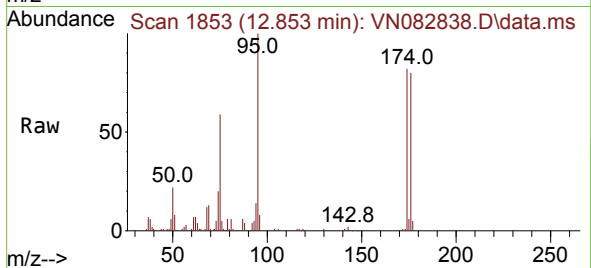
Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-TB-20240703

Tgt Ion:	173	Resp:	586
Ion Ratio	Lower	Upper	
173	100		
175	656.8	24.0	72.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

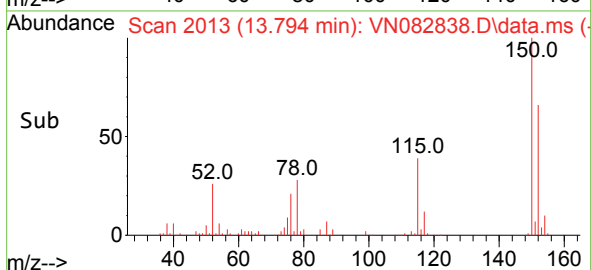
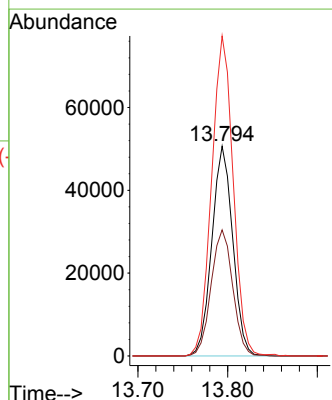
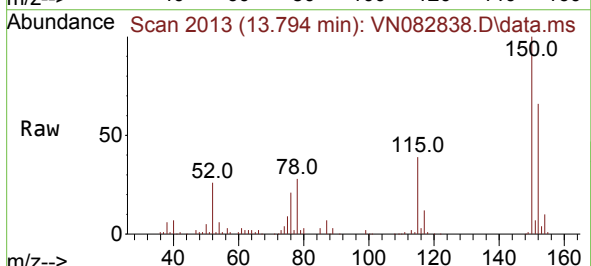
RT: 13.794 min Scan# 2013

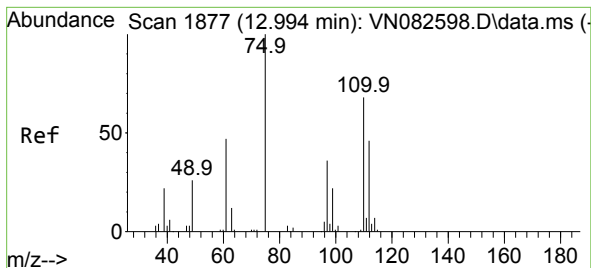
Delta R.T. -0.000 min

Lab File: VN082838.D

Acq: 09 Jul 2024 14:33

Tgt Ion:	152	Resp:	81927
Ion Ratio	Lower	Upper	
152	100		
115	62.1	30.6	91.6
150	157.0	0.0	348.6





#76

1,2,3-Trichloropropane

Concen: 31.655 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082838.D

Acq: 09 Jul 2024 14:33

Instrument :

MSVOA_N

ClientSampleId :

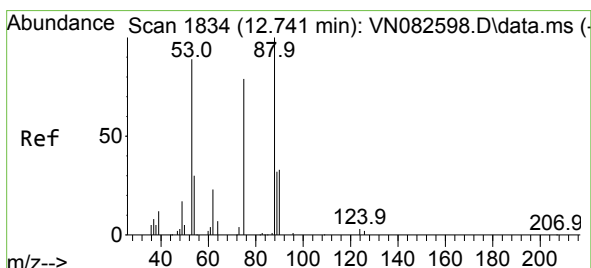
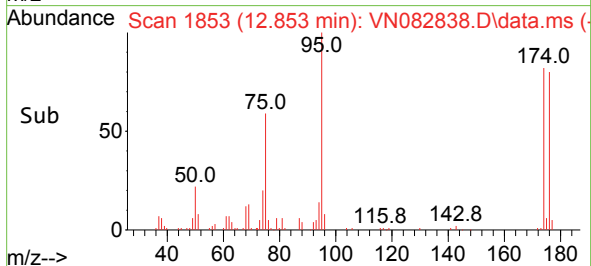
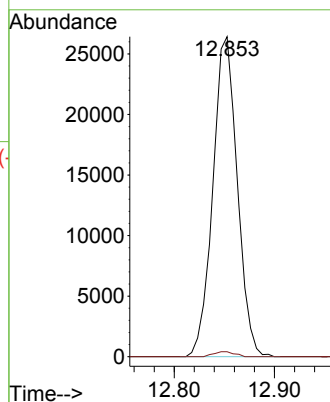
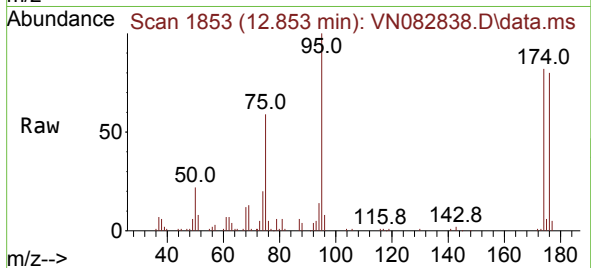
BP-VPB-189-TB-20240703

Tgt Ion: 75 Resp: 44712

Ion Ratio Lower Upper

75 100

77 1.3 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.257 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN082838.D

Acq: 09 Jul 2024 14:33

Tgt Ion: 75 Resp: 44712

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

