

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052824\
 Data File : VN082352.D
 Acq On : 28 May 2024 17:19
 Operator : JC\MD
 Sample : P2605-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-BPOW6-10-GW-20240521

Quant Time: May 29 06:55:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

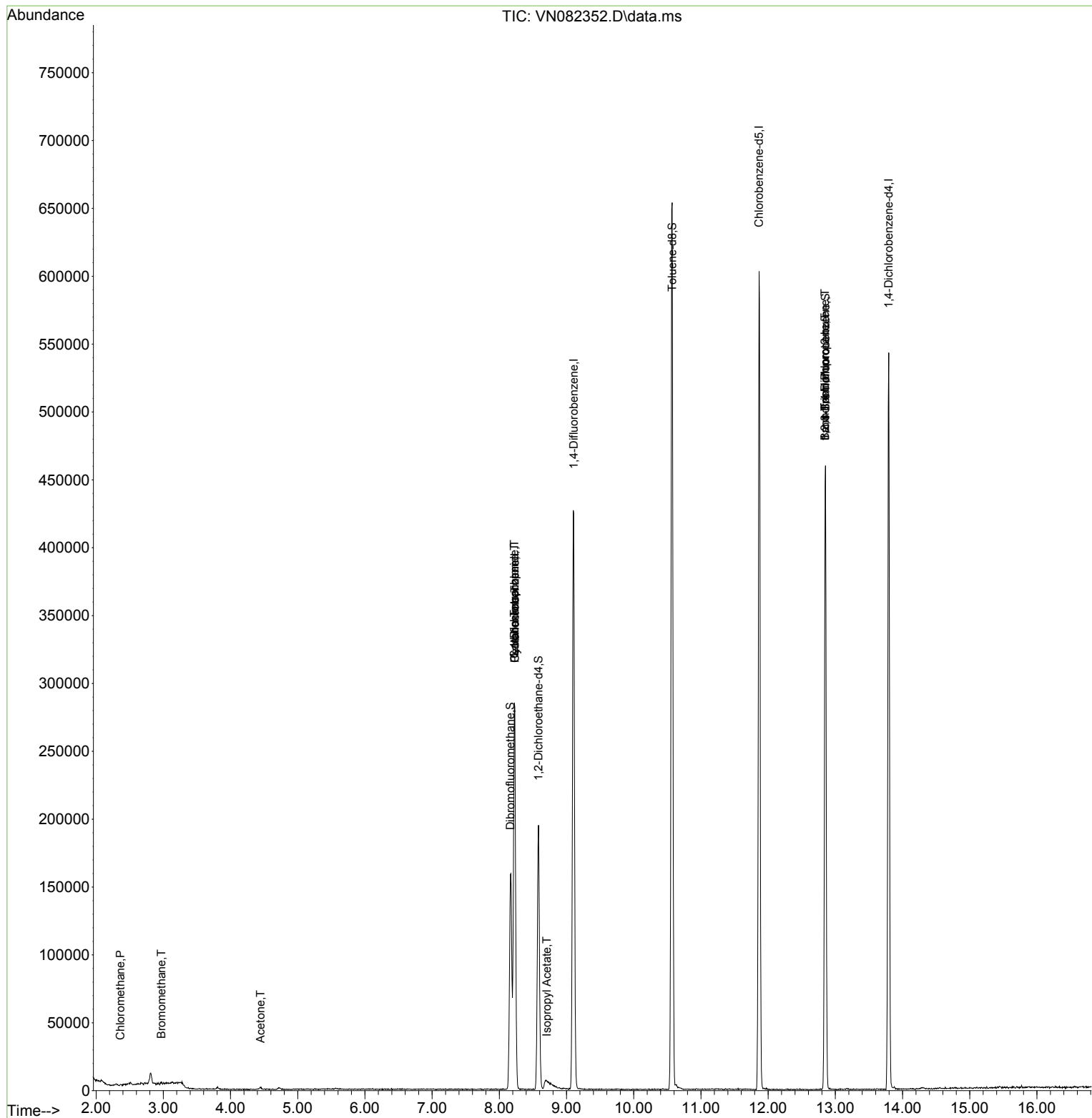
Internal Standards						
1) Pentafluorobenzene	8.230	168	199096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	348449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	322151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	157731	50.172	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.340%	
35) Dibromofluoromethane	8.165	113	111814	52.164	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.320%	
50) Toluene-d8	10.571	98	436465	53.111	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.220%	
62) 4-Bromofluorobenzene	12.853	95	154206	52.573	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 105.140%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.360	50	673	0.207	ug/l #	88
5) Bromomethane	2.971	94	609	0.346	ug/l #	78
16) Acetone	4.448	43	3271	2.536	ug/l #	69
31) Cyclohexane	8.230	56	5706	1.136	ug/l #	44
36) 1,1-Dichloropropene	8.224	75	18688	5.198	ug/l #	48
38) Carbon Tetrachloride	8.224	117	21455	5.887	ug/l #	14
43) Isopropyl Acetate	8.706	43	6988	0.980	ug/l #	52
71) Bromoform	12.847	173	361	0.892	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	90487	31.653	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	90487	74.035	ug/l #	12

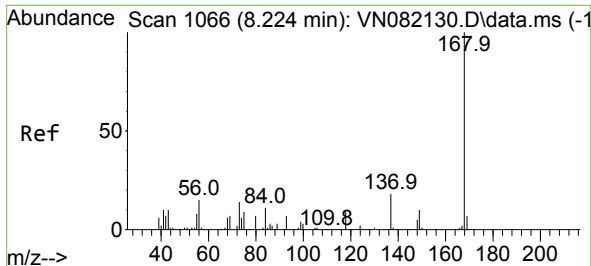
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

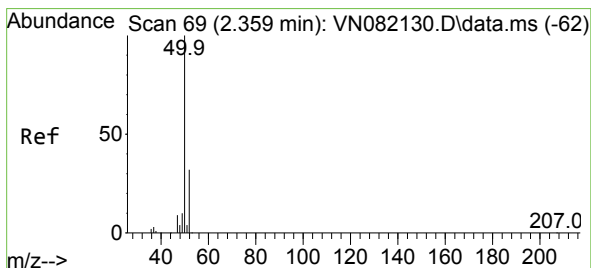
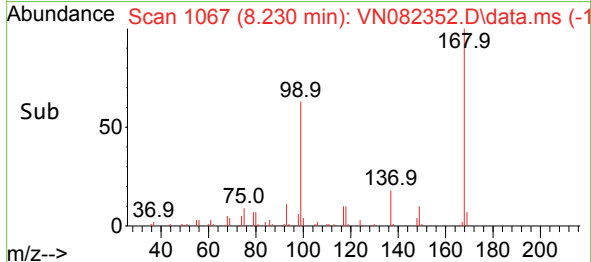
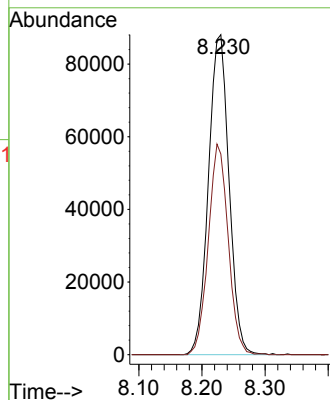
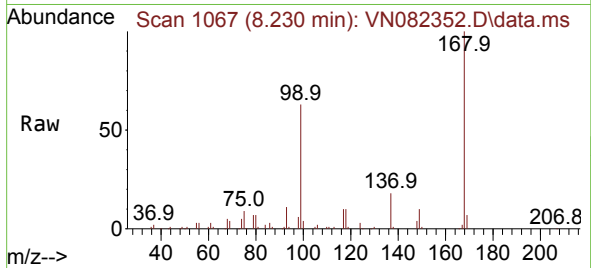




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN082352.D
Acq: 28 May 2024 17:19

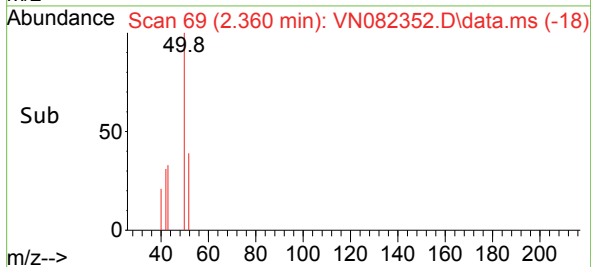
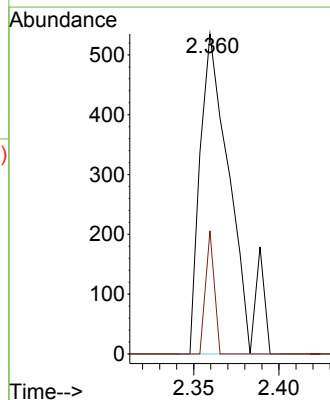
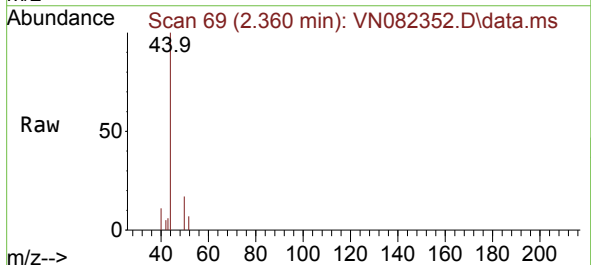
Instrument :
MSVOA_N
ClientSampleId :
BP-BPOW6-10-GW-20240521

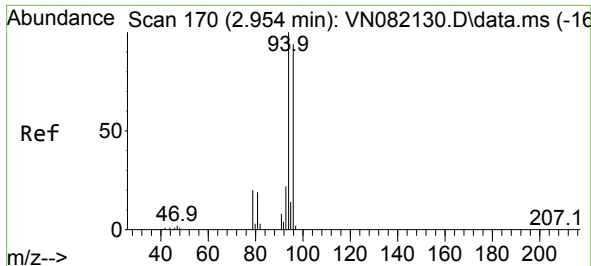
Tgt Ion:168 Resp: 199096
Ion Ratio Lower Upper
168 100
99 62.7 48.2 72.4



#3
Chloromethane
Concen: 0.207 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082352.D
Acq: 28 May 2024 17:19

Tgt Ion: 50 Resp: 673
Ion Ratio Lower Upper
50 100
52 38.5 25.5 38.3#

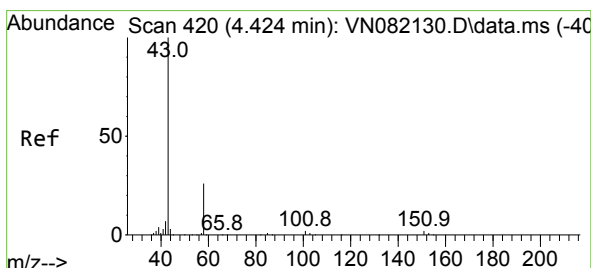
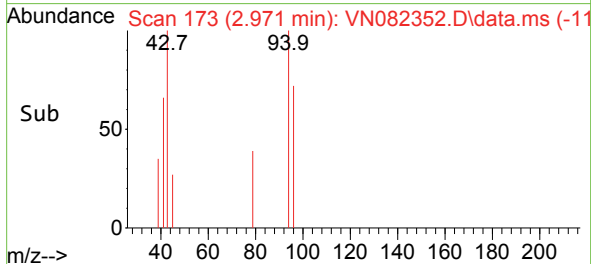
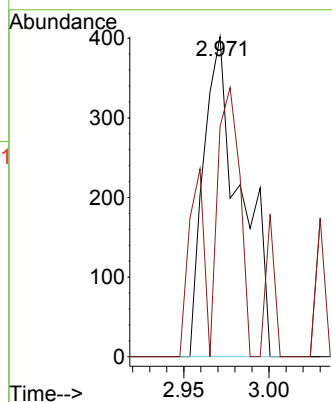
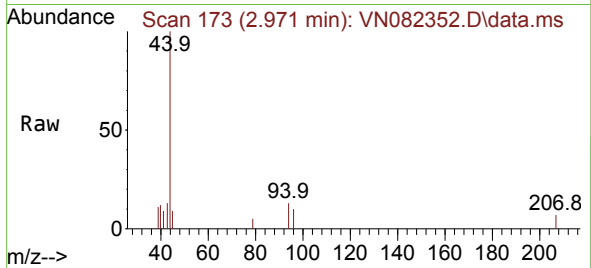




#5
Bromomethane
Concen: 0.346 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN082352.D
Acq: 28 May 2024 17:19

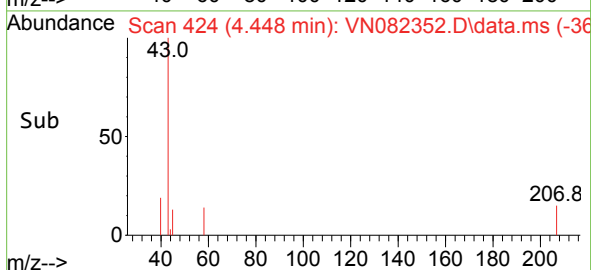
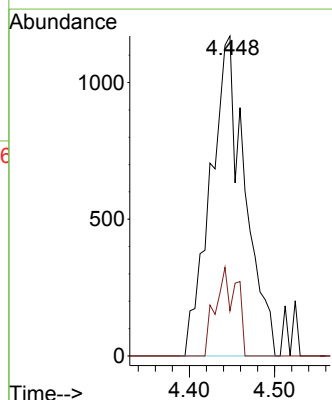
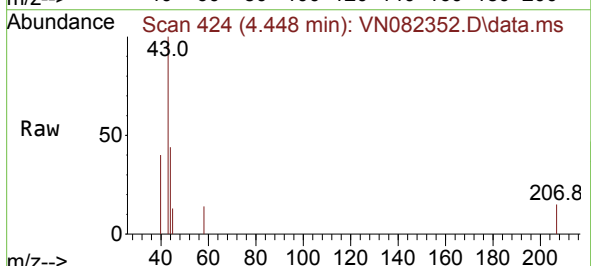
Instrument :
MSVOA_N
ClientSampleId :
BP-BPOW6-10-GW-20240521

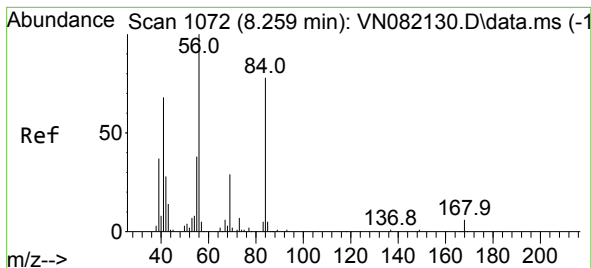
Tgt Ion: 94 Resp: 609
Ion Ratio Lower Upper
94 100
96 71.9 74.8 112.2#



#16
Acetone
Concen: 2.536 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.024 min
Lab File: VN082352.D
Acq: 28 May 2024 17:19

Tgt Ion: 43 Resp: 3271
Ion Ratio Lower Upper
43 100
58 14.1 25.2 37.8#





#31

Cyclohexane

Concen: 1.136 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.029 min

Lab File: VN082352.D

Acq: 28 May 2024 17:19

Instrument :

MSVOA_N

ClientSampleId :

BP-BPOW6-10-GW-20240521

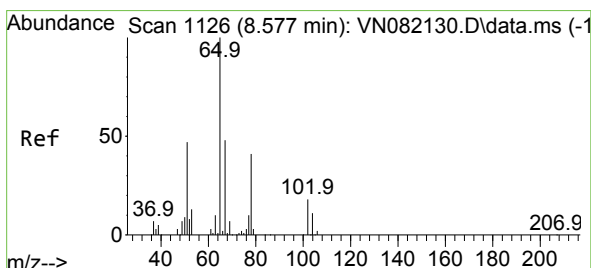
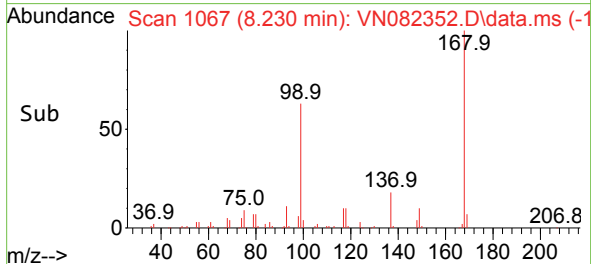
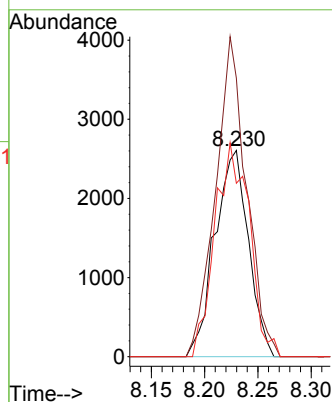
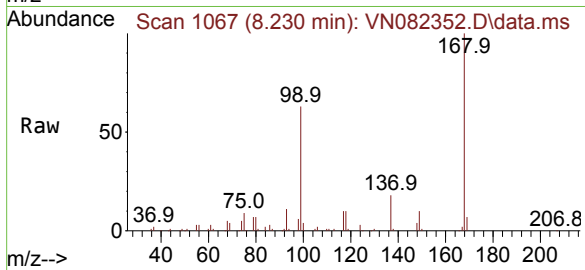
Tgt Ion: 56 Resp: 5706

Ion Ratio Lower Upper

56 100

69 135.1 24.4 36.6#

84 84.1 77.0 115.4



#33

1,2-Dichloroethane-d4

Concen: 50.172 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082352.D

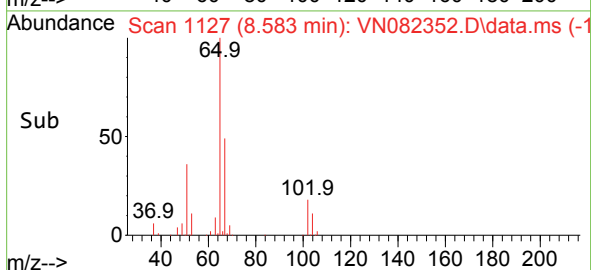
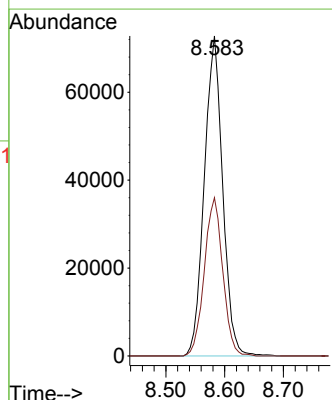
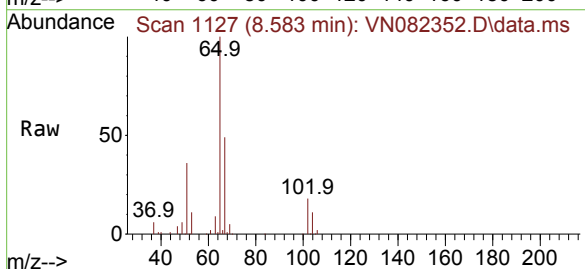
Acq: 28 May 2024 17:19

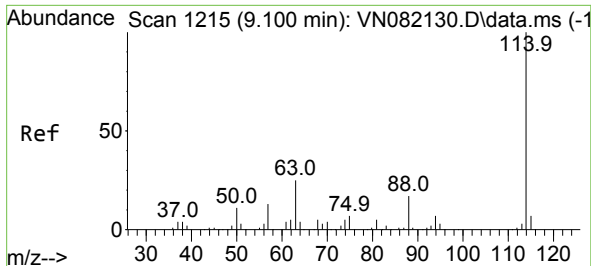
Tgt Ion: 65 Resp: 157731

Ion Ratio Lower Upper

65 100

67 49.7 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082352.D

Acq: 28 May 2024 17:19

Instrument :

MSVOA_N

ClientSampleId :

BP-BPOW6-10-GW-20240521

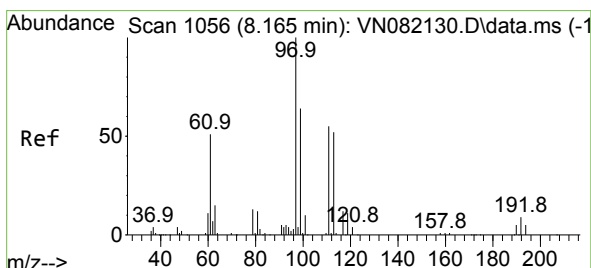
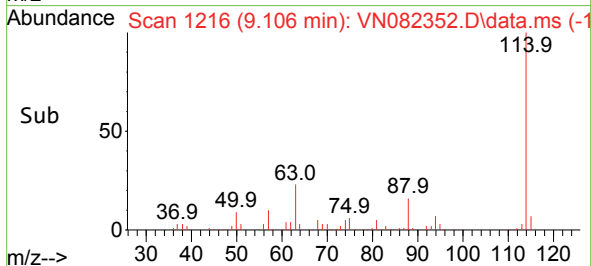
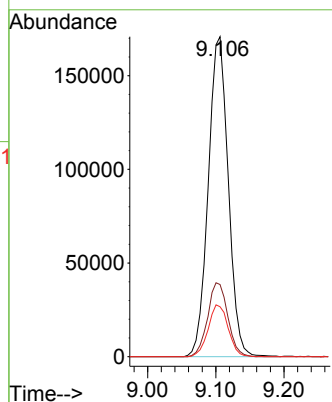
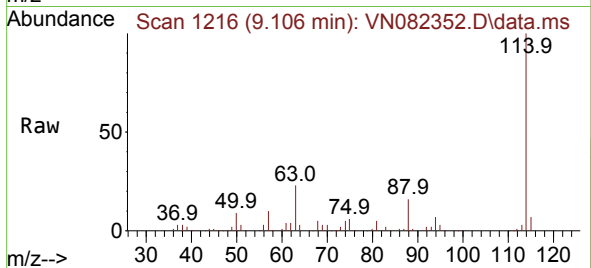
Tgt Ion:114 Resp: 348449

Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.0

88 15.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.164 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082352.D

Acq: 28 May 2024 17:19

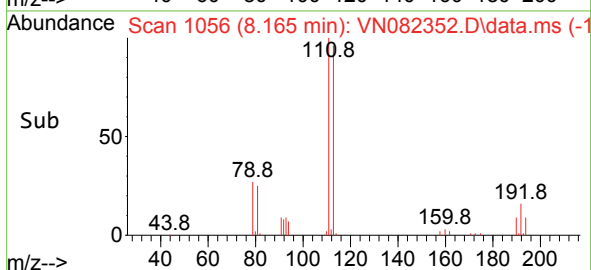
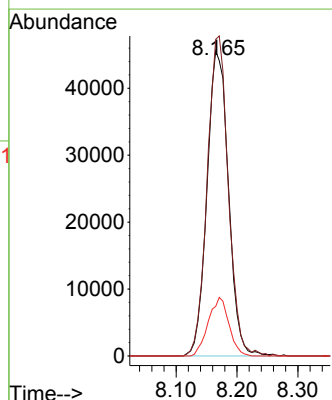
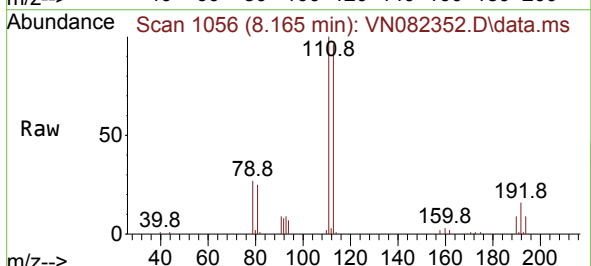
Tgt Ion:113 Resp: 111814

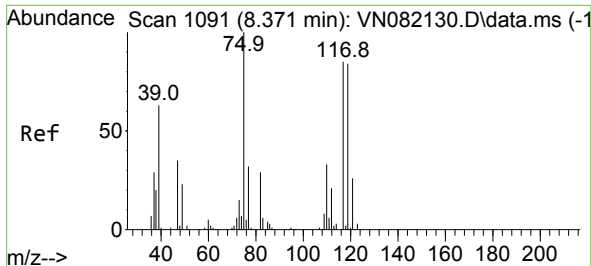
Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.2

192 18.4 14.0 21.0

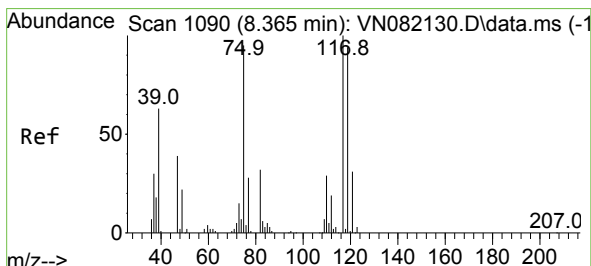
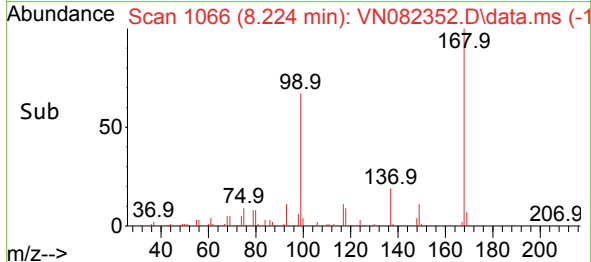
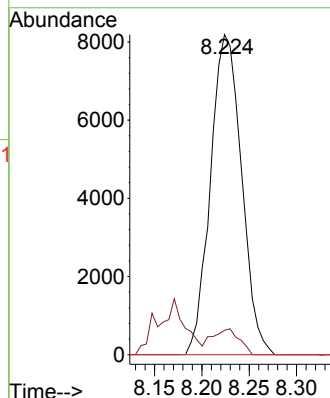
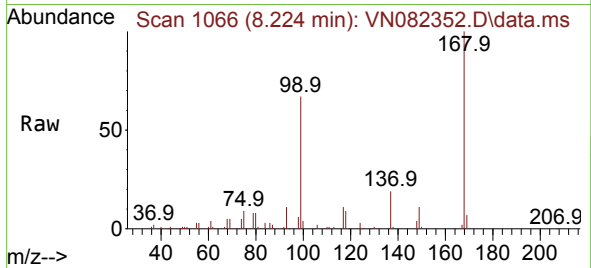




#36
1,1-Dichloropropene
Concen: 5.198 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082352.D
Acq: 28 May 2024 17:19

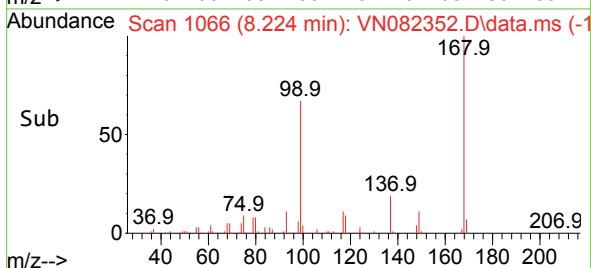
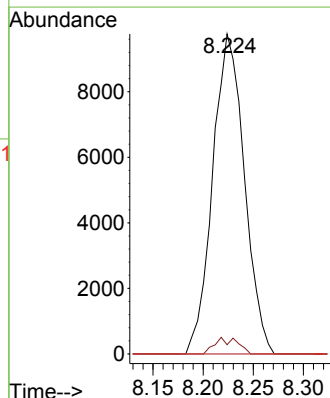
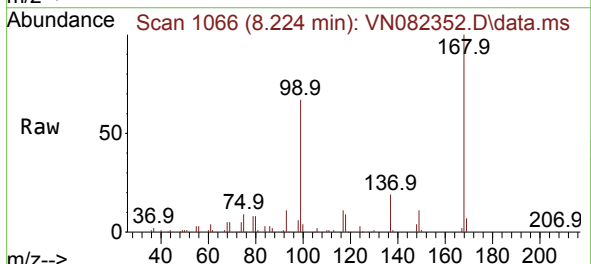
Instrument :
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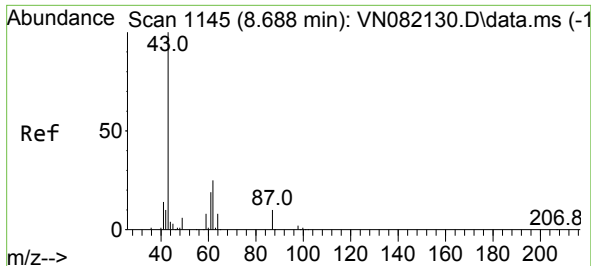
Tgt Ion: 75 Resp: 18688
Ion Ratio Lower Upper
75 100
110 7.1 17.8 53.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.887 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082352.D
Acq: 28 May 2024 17:19

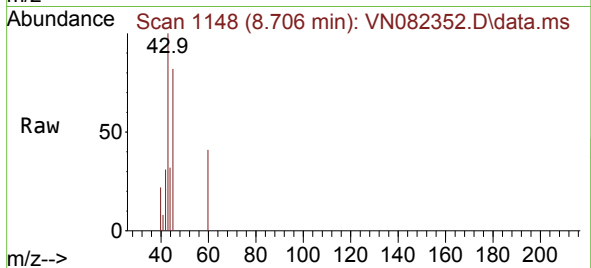
Tgt Ion: 117 Resp: 21455
Ion Ratio Lower Upper
117 100
119 2.9 76.5 114.7#
121 0.0 23.9 35.9#



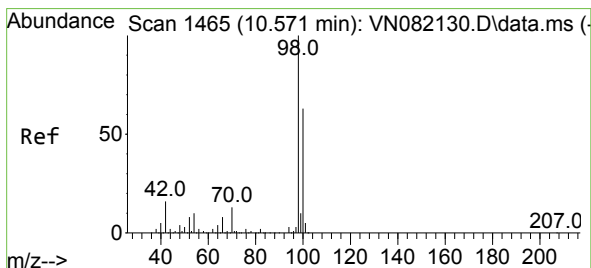
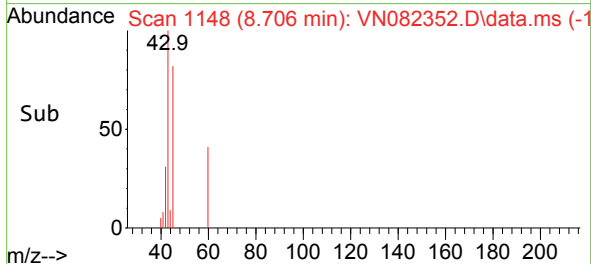
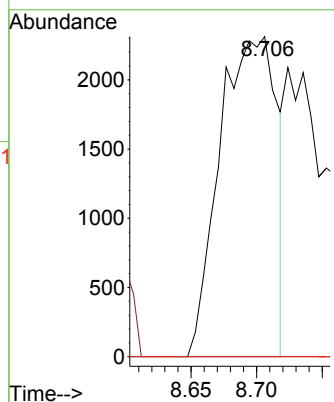


#43
Isopropyl Acetate
Concen: 0.980 ug/l
RT: 8.706 min Scan# 1148
Delta R.T. 0.018 min
Lab File: VN082352.D
Acq: 28 May 2024 17:19

Instrument :
MSVOA_N
ClientSampleId :
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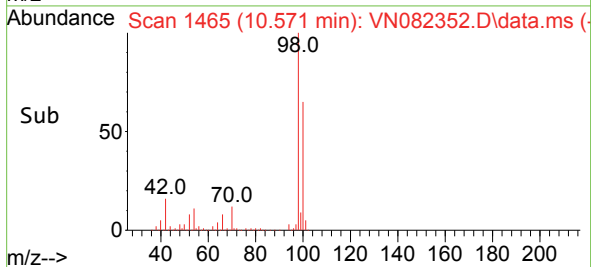
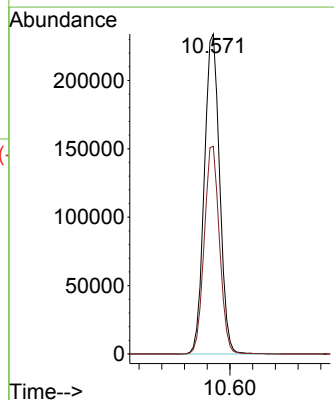
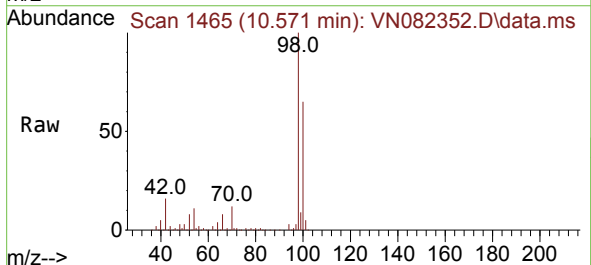


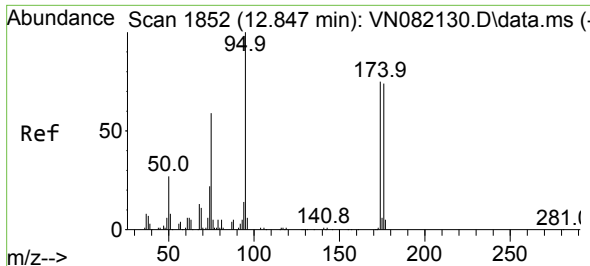
Tgt Ion: 43 Resp: 6988
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 53.111 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082352.D
Acq: 28 May 2024 17:19

Tgt Ion: 98 Resp: 436465
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6

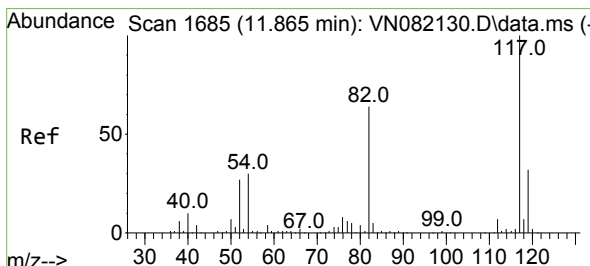
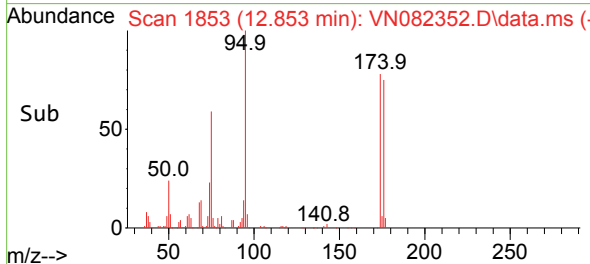
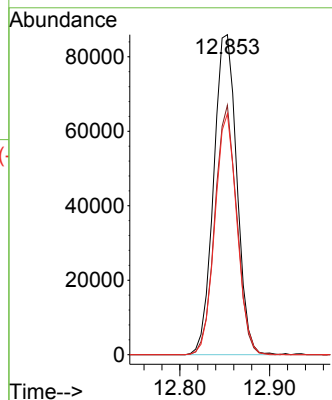
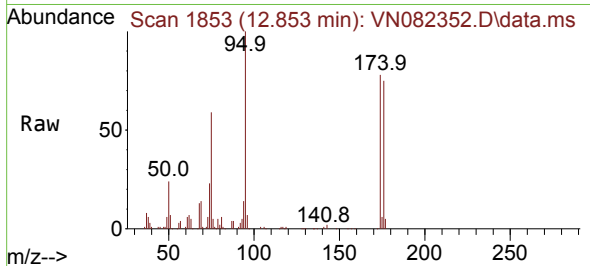




#62
4-Bromofluorobenzene
Concen: 52.573 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082352.D
Acq: 28 May 2024 17:19

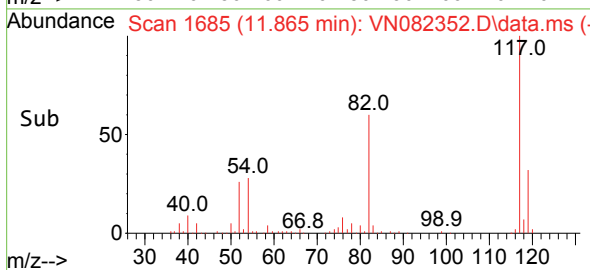
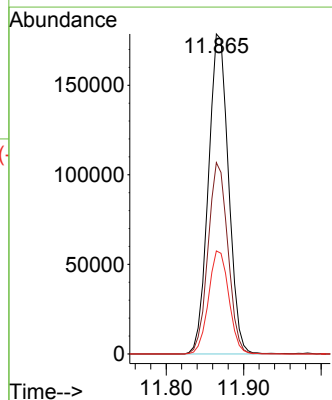
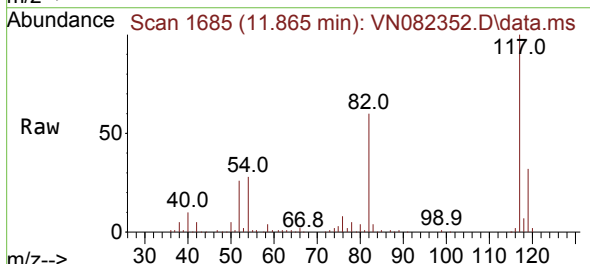
Instrument :
MSVOA_N
ClientSampleId :
BP-BPOW6-10-GW-20240521

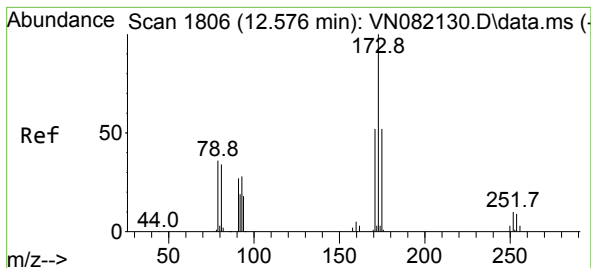
Tgt Ion: 95 Resp: 154206
Ion Ratio Lower Upper
95 100
174 73.6 0.0 160.6
176 71.6 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082352.D
Acq: 28 May 2024 17:19

Tgt Ion: 117 Resp: 322151
Ion Ratio Lower Upper
117 100
82 59.8 44.6 66.8
119 32.2 25.9 38.9





#71

Bromoform

Concen: 0.892 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.271 min

Lab File: VN082352.D

Acq: 28 May 2024 17:19

Instrument :

MSVOA_N

ClientSampleId :

BP-BPOW6-10-GW-20240521

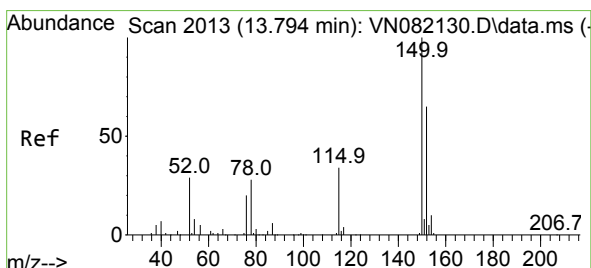
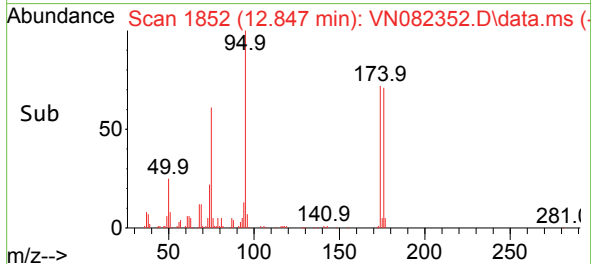
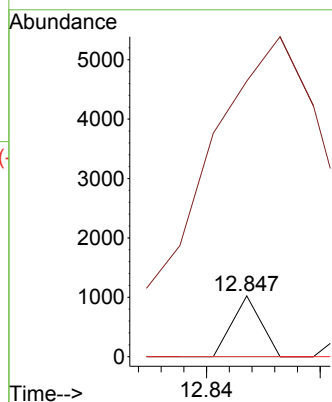
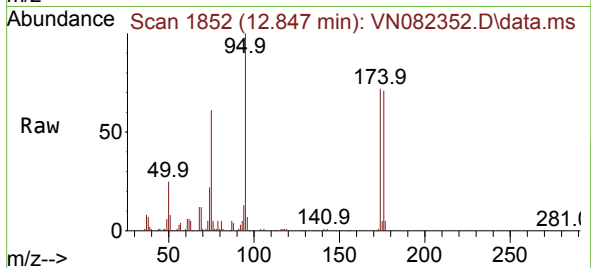
Tgt Ion:173 Resp: 361

Ion Ratio Lower Upper

173 100

175 0.0 24.6 74.0#

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: VN082352.D

Acq: 28 May 2024 17:19

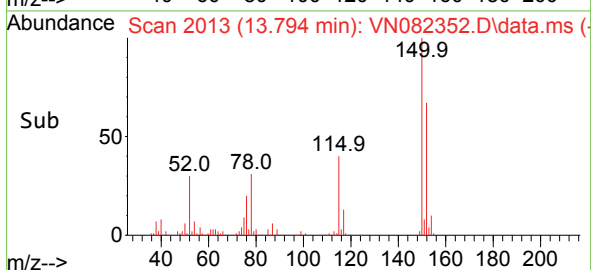
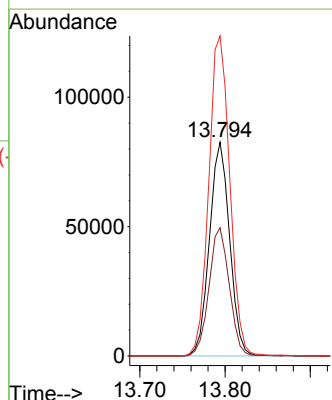
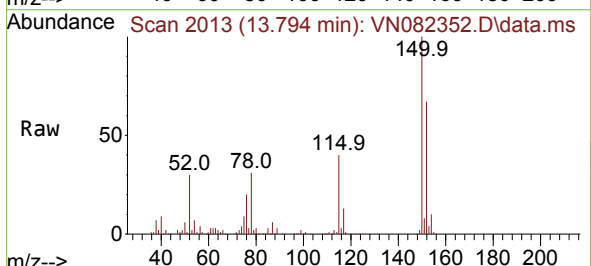
Tgt Ion:152 Resp: 135821

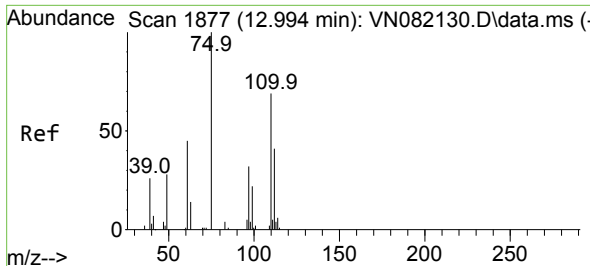
Ion Ratio Lower Upper

152 100

115 60.3 30.4 91.3

150 155.9 0.0 353.2

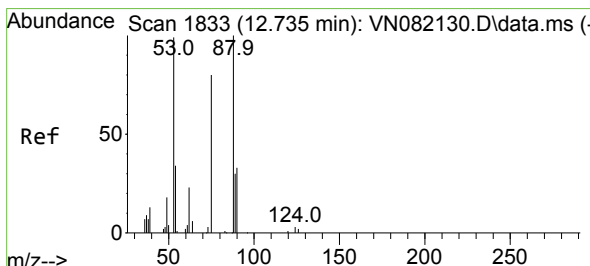
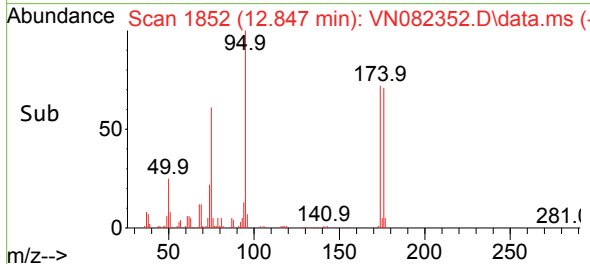
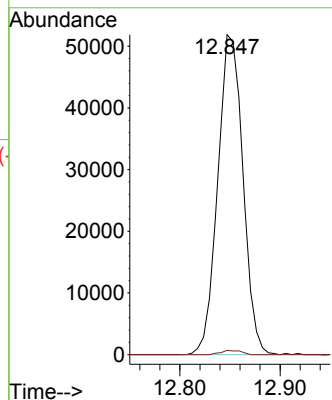
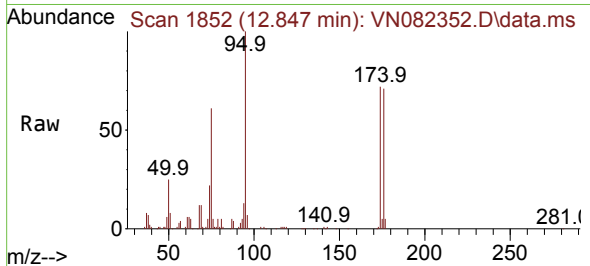




#76
1,2,3-Trichloropropane
Concen: 31.653 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082352.D
Acq: 28 May 2024 17:19

Instrument :
MSVOA_N
ClientSampleId :
BP-BPOW6-10-GW-20240521

Tgt Ion: 75 Resp: 90487
Ion Ratio Lower Upper
75 100
77 1.1 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.035 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN082352.D
Acq: 28 May 2024 17:19

Tgt Ion: 75 Resp: 90487
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

