

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060724\
 Data File : VN082490.D
 Acq On : 07 Jun 2024 14:12
 Operator : JC\MD
 Sample : P2772-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-218-220

Quant Time: Jun 08 00:57:50 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)

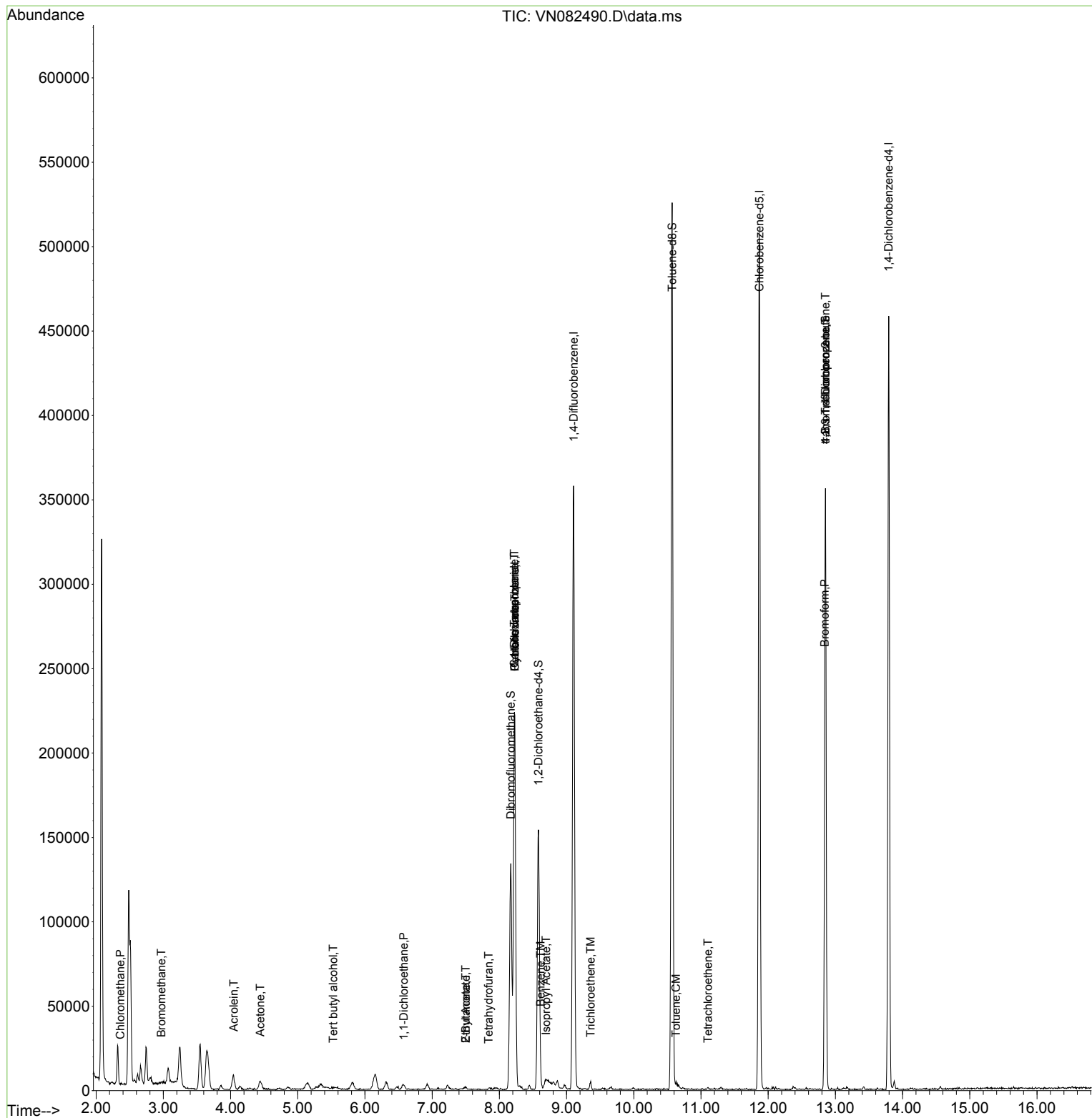
Internal Standards						
1) Pentafluorobenzene	8.229	168	156188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	284034	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	274301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	113337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	127457	51.681	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.360%			
35) Dibromofluoromethane	8.171	113	93653	53.600	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.200%			
50) Toluene-d8	10.570	98	343294	51.247	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.500%			
62) 4-Bromofluorobenzene	12.853	95	112869	47.207	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 94.420%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	787	0.308	ug/l #	43
5) Bromomethane	2.971	94	339	0.246	ug/l #	71
11) Tert butyl alcohol	5.530	59	908	2.294	ug/l #	71
13) Acrolein	4.047	56	213	0.726	ug/l #	1
16) Acetone	4.441	43	9979	9.864	ug/l	99
24) 1,1-Dichloroethane	6.577	63	3164	0.805	ug/l #	81
25) 2-Butanone	7.500	43	3123	2.036	ug/l #	43
29) Tetrahydrofuran	7.841	42	404	0.410	ug/l #	29
31) Cyclohexane	8.229	56	4625	1.174	ug/l #	34
36) 1,1-Dichloropropene	8.223	75	15032	5.130	ug/l #	48
37) Ethyl Acetate	7.500	43	3123	0.952	ug/l #	68
38) Carbon Tetrachloride	8.223	117	16676	5.614	ug/l #	15
40) Benzene	8.612	78	1864	0.213	ug/l #	87
43) Isopropyl Acetate	8.694	43	8890	1.530	ug/l #	52
44) Trichloroethene	9.359	130	825	0.416	ug/l	98
52) Toluene	10.629	92	1142	0.218	ug/l	94
64) Tetrachloroethene	11.106	164	465	0.229	ug/l #	19
71) Bromoform	12.841	173	742	1.162	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	67231	28.183	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	67231	65.920	ug/l #	13

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

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MSVOA_N
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BP-VPB-189-GW-218-220

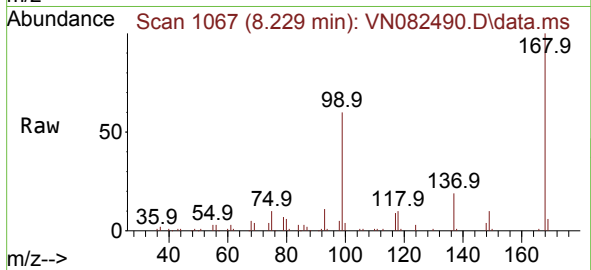
Quant Time: Jun 08 00:57:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
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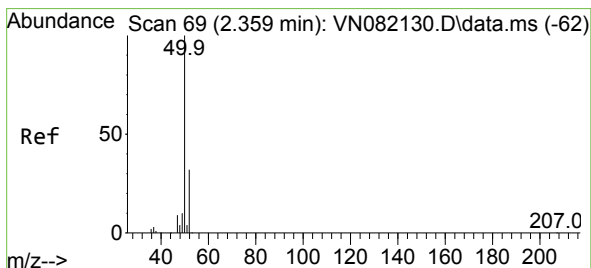
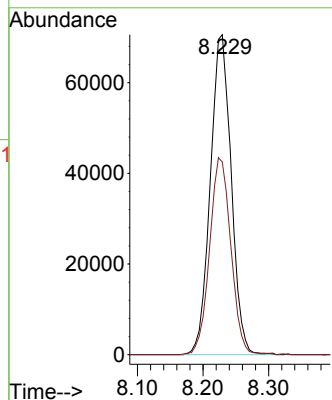
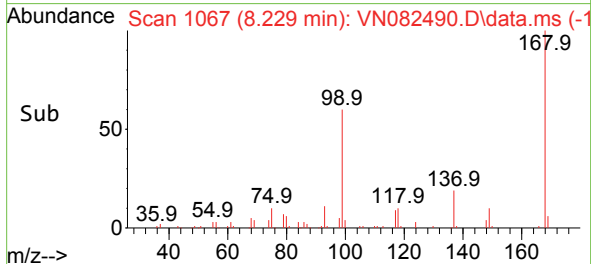


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN082490.D
Acq: 07 Jun 2024 14:12

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-218-220

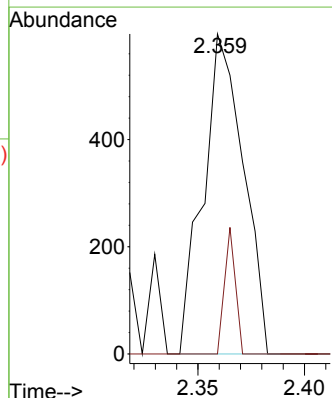
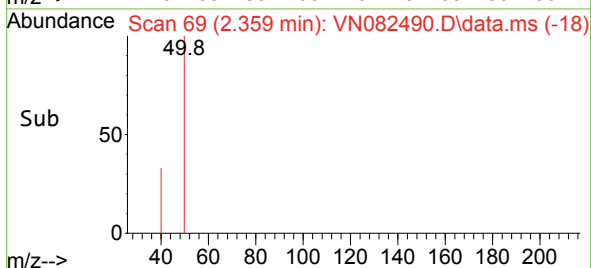
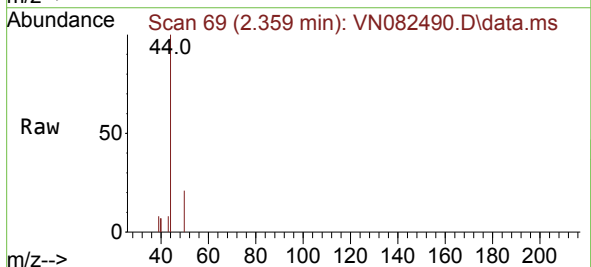


Tgt Ion:168 Resp: 156188
Ion Ratio Lower Upper
168 100
99 60.2 48.2 72.4



#3
Chloromethane
Concen: 0.308 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082490.D
Acq: 07 Jun 2024 14:12

Tgt Ion: 50 Resp: 787
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

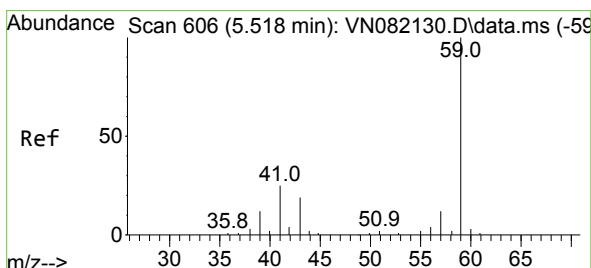
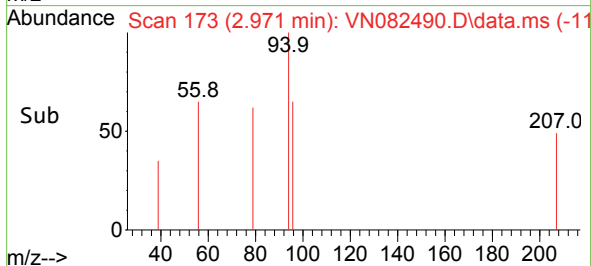
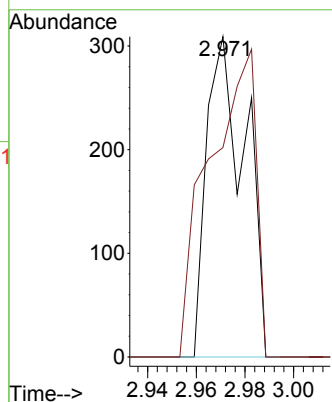
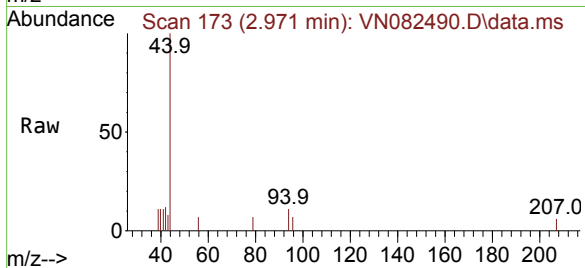




#5
Bromomethane
Concen: 0.246 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN082490.D
Acq: 07 Jun 2024 14:12

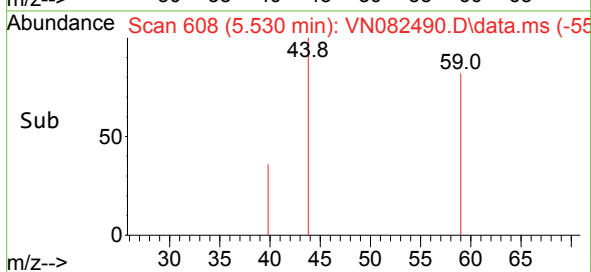
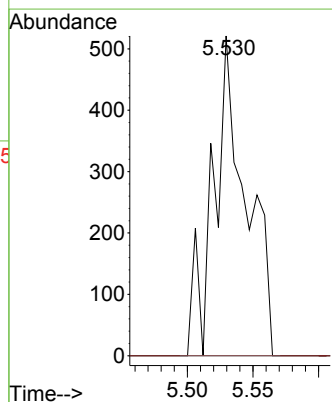
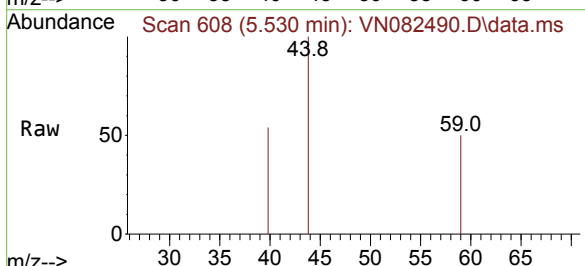
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-218-220

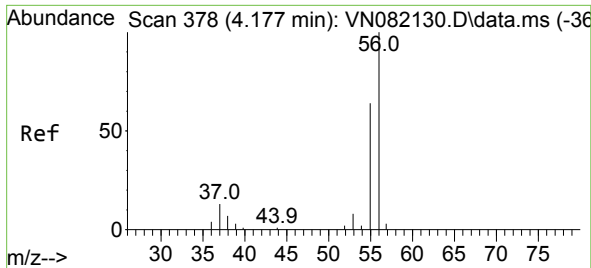
Tgt Ion: 94 Resp: 339
Ion Ratio Lower Upper
94 100
96 65.4 74.8 112.2#



#11
Tert butyl alcohol
Concen: 2.294 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.012 min
Lab File: VN082490.D
Acq: 07 Jun 2024 14:12

Tgt Ion: 59 Resp: 908
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

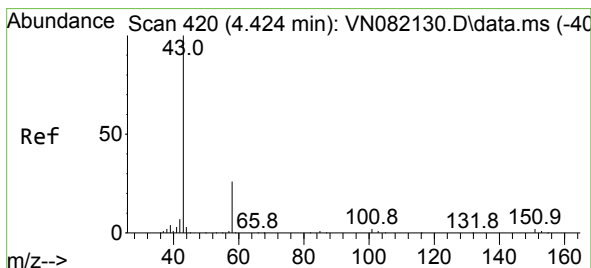
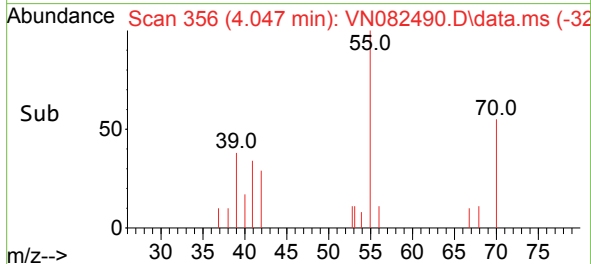
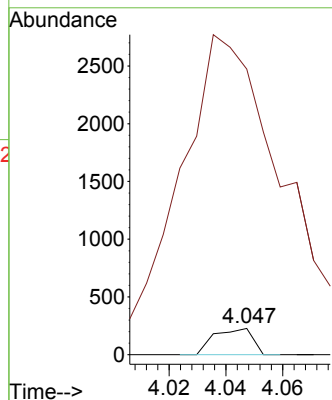
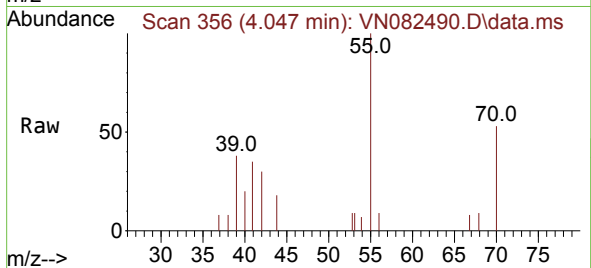




#13
Acrolein
Concen: 0.726 ug/l
RT: 4.047 min Scan# 31
Delta R.T. -0.130 min
Lab File: VN082490.D
Acq: 07 Jun 2024 14:12

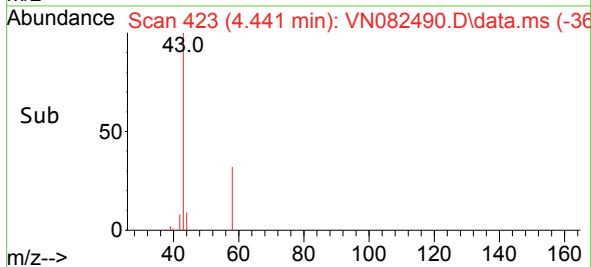
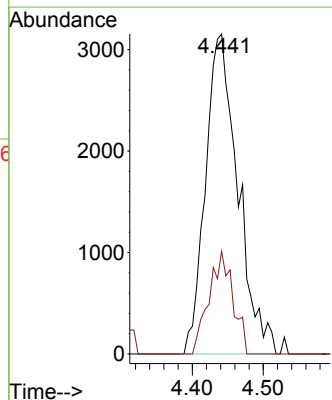
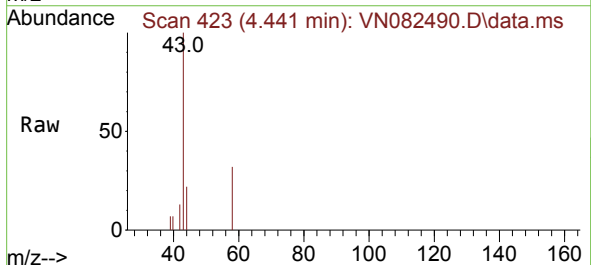
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-218-220

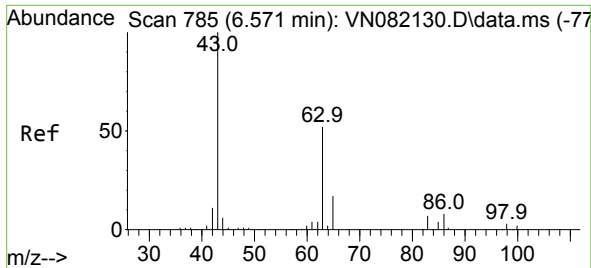
Tgt Ion: 56 Resp: 213
Ion Ratio Lower Upper
56 100
55 3341.3 55.8 83.8#



#16
Acetone
Concen: 9.864 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.017 min
Lab File: VN082490.D
Acq: 07 Jun 2024 14:12

Tgt Ion: 43 Resp: 9979
Ion Ratio Lower Upper
43 100
58 32.1 25.2 37.8

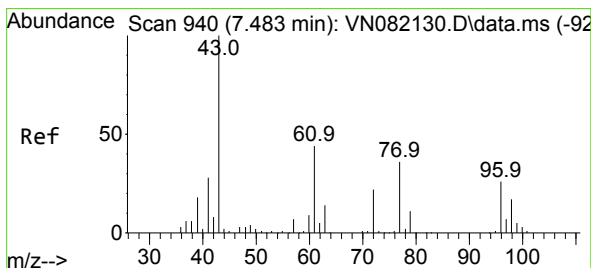
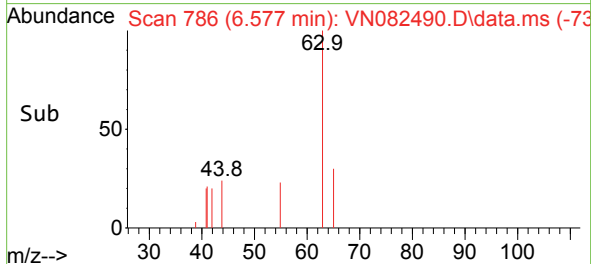
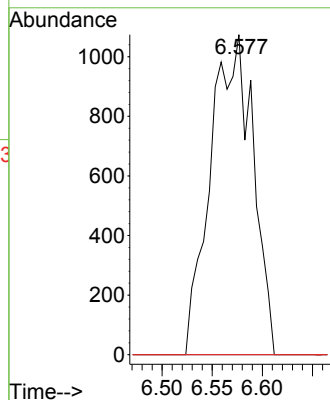
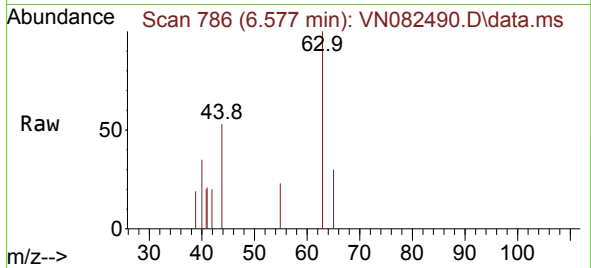




#24
1,1-Dichloroethane
Concen: 0.805 ug/l
RT: 6.577 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN082490.D
Acq: 07 Jun 2024 14:12

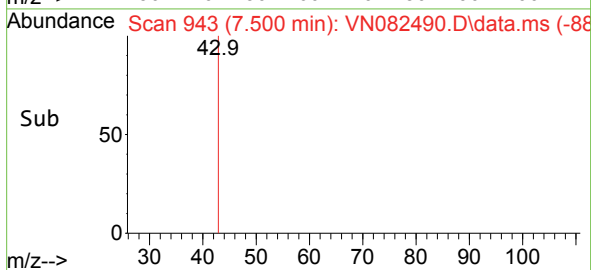
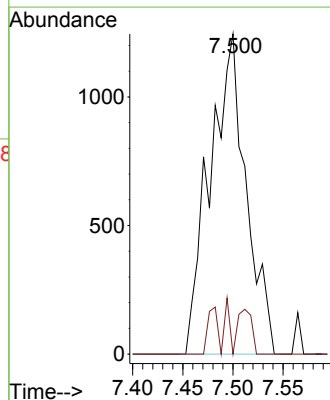
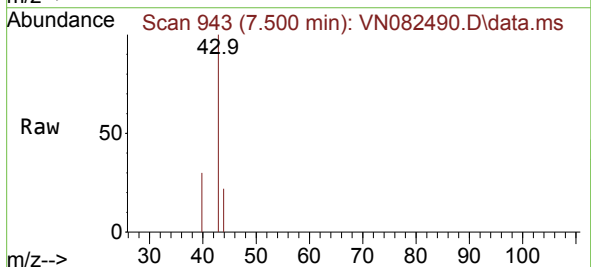
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-218-220

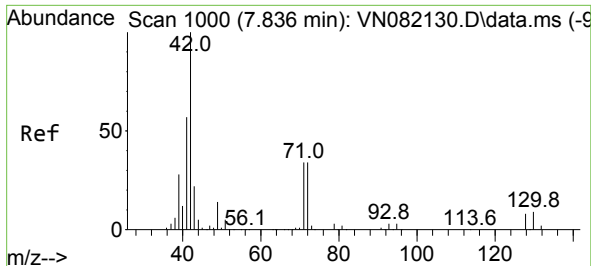
Tgt Ion: 63 Resp: 3164
Ion Ratio Lower Upper
63 100
98 0.0 3.6 10.9#
100 0.0 2.6 7.8#



#25
2-Butanone
Concen: 2.036 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.017 min
Lab File: VN082490.D
Acq: 07 Jun 2024 14:12

Tgt Ion: 43 Resp: 3123
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#





#29

Tetrahydrofuran

Concen: 0.410 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.005 min

Lab File: VN082490.D

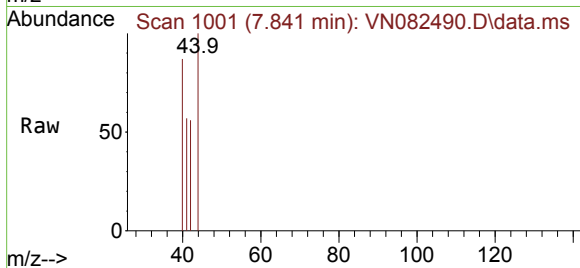
Acq: 07 Jun 2024 14:12

Instrument :

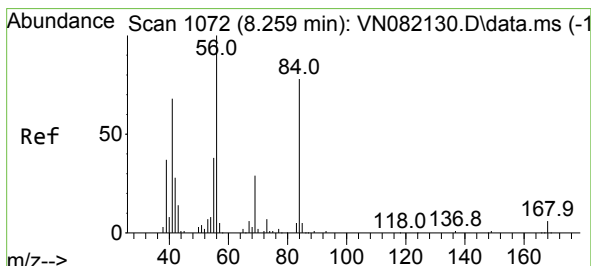
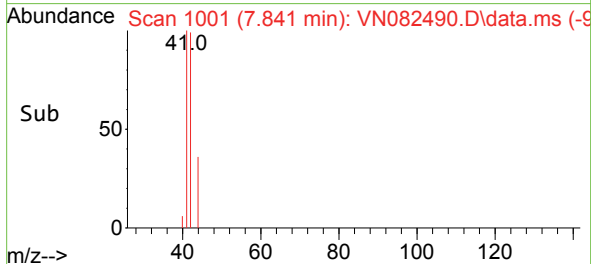
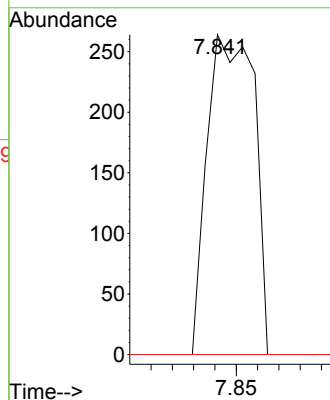
MSVOA_N

ClientSampleId :

BP-VPB-189-GW-218-220



Tgt Ion:	42	Resp:	404
Ion	Ratio	Lower	Upper
42	100		
72	0.0	39.3	58.9#
71	0.0	37.4	56.0#



#31

Cyclohexane

Concen: 1.174 ug/l

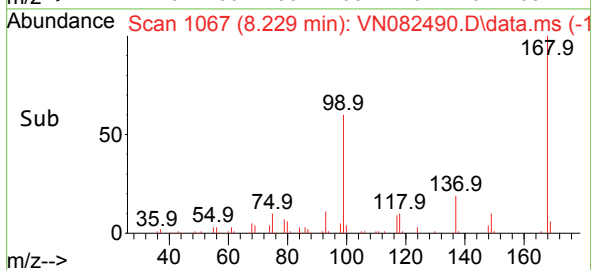
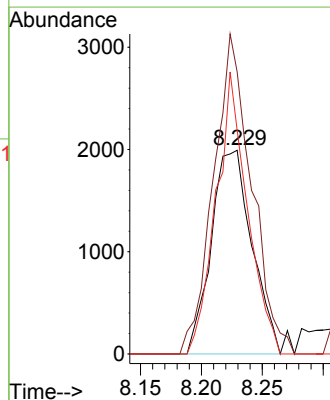
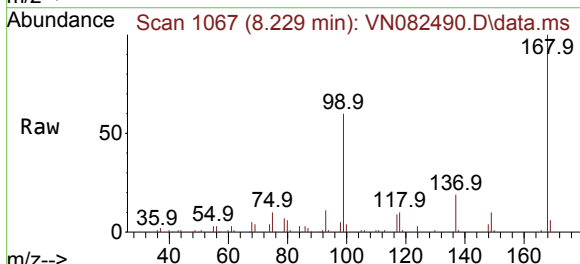
RT: 8.229 min Scan# 1067

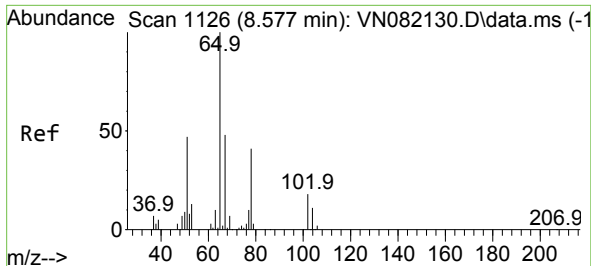
Delta R.T. -0.030 min

Lab File: VN082490.D

Acq: 07 Jun 2024 14:12

Tgt Ion:	56	Resp:	4625
Ion	Ratio	Lower	Upper
56	100		
69	138.4	24.4	36.6#
84	119.4	77.0	115.4#





#33

1,2-Dichloroethane-d4

Concen: 51.681 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082490.D

Acq: 07 Jun 2024 14:12

Instrument :

MSVOA_N

ClientSampleId :

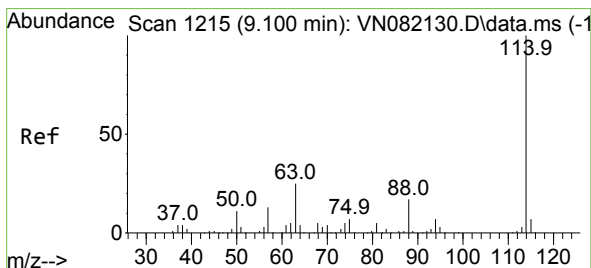
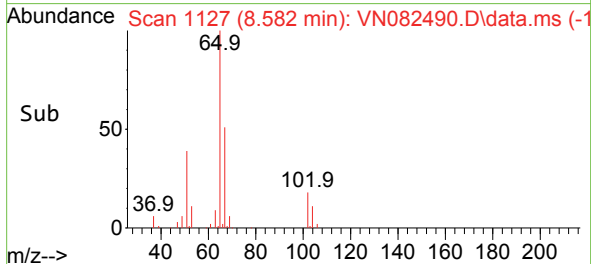
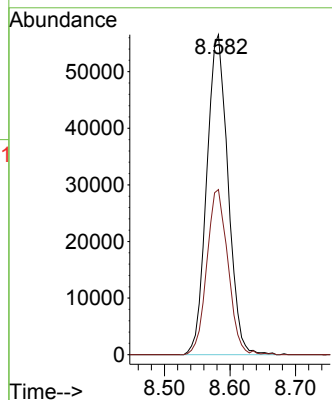
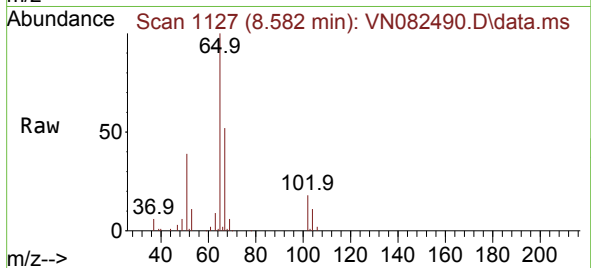
BP-VPB-189-GW-218-220

Tgt Ion: 65 Resp: 127457

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082490.D

Acq: 07 Jun 2024 14:12

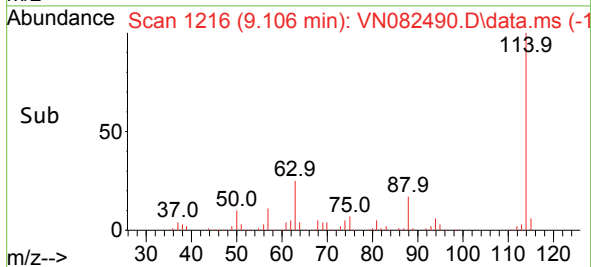
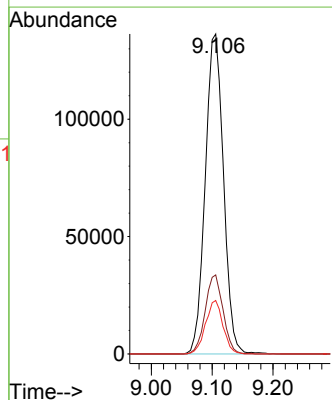
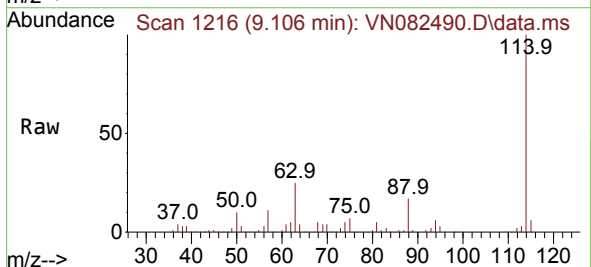
Tgt Ion: 114 Resp: 284034

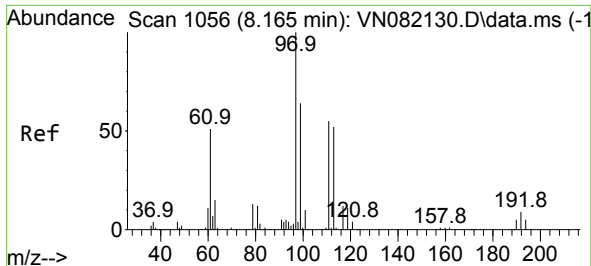
Ion Ratio Lower Upper

114 100

63 24.7 0.0 41.0

88 16.7 0.0 31.4

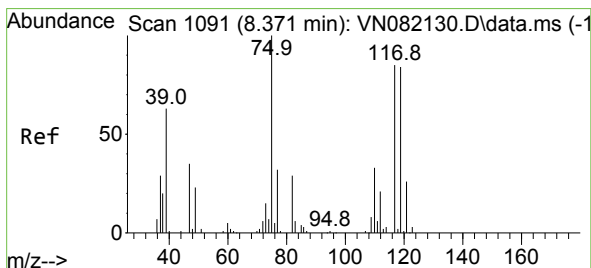
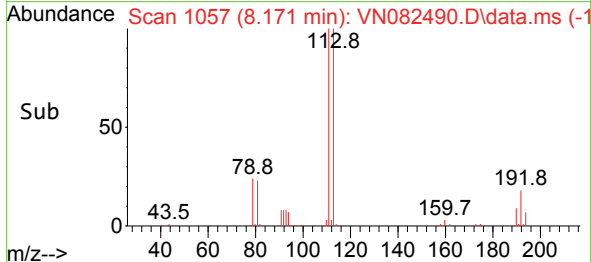
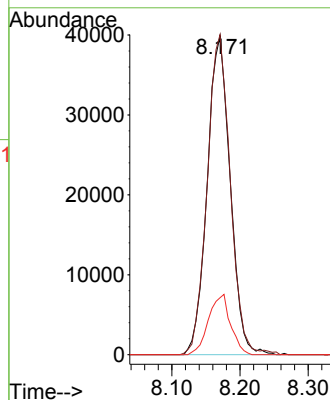
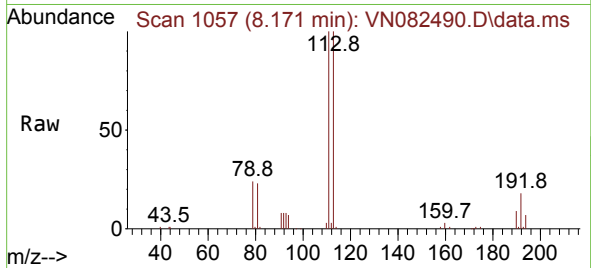




#35
Dibromofluoromethane
Concen: 53.600 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082490.D
Acq: 07 Jun 2024 14:12

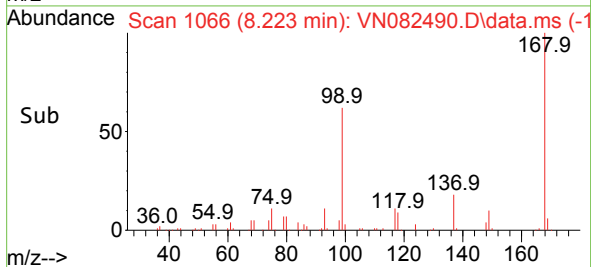
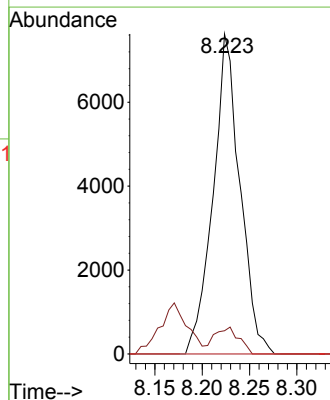
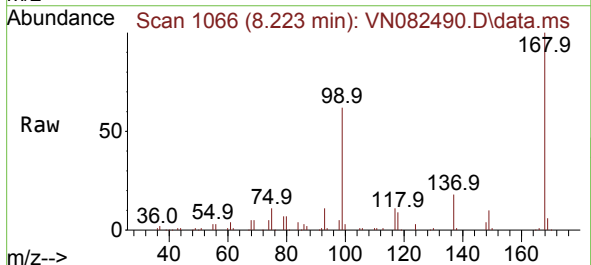
Instrument :
MSVOA_N
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BP-VPB-189-GW-218-220

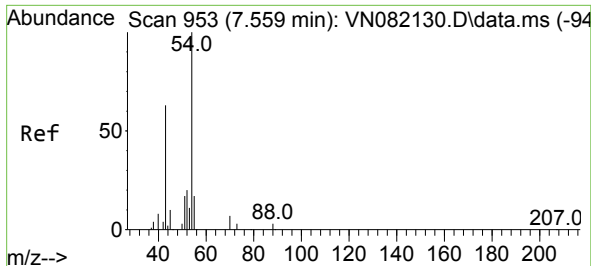
Tgt Ion:113 Resp: 93653
Ion Ratio Lower Upper
113 100
111 100.8 83.4 125.2
192 18.1 14.0 21.0



#36
1,1-Dichloropropene
Concen: 5.130 ug/l
RT: 8.223 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082490.D
Acq: 07 Jun 2024 14:12

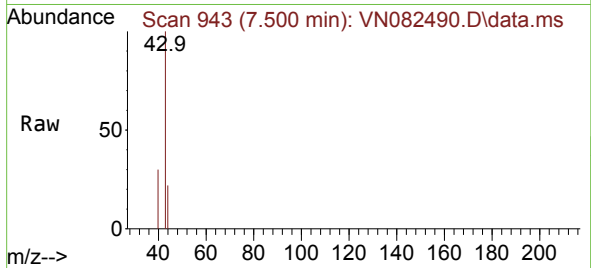
Tgt Ion: 75 Resp: 15032
Ion Ratio Lower Upper
75 100
110 7.8 17.8 53.5#
77 0.0 25.0 37.4#



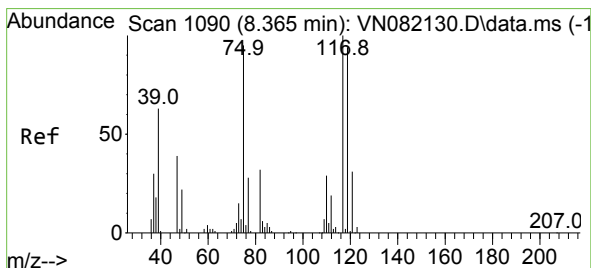
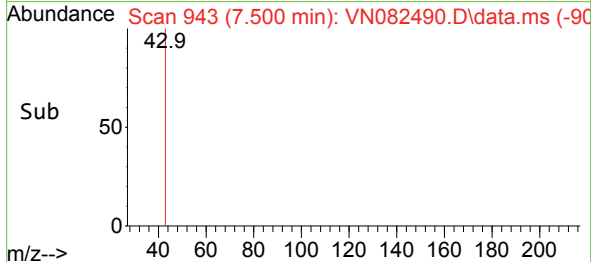
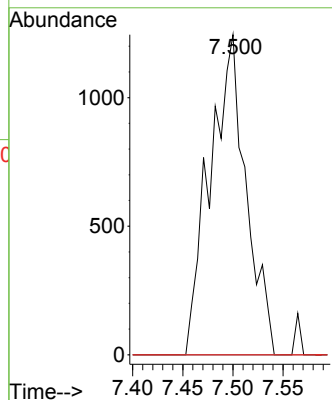


#37
Ethyl Acetate
Concen: 0.952 ug/l
RT: 7.500 min Scan# 94
Delta R.T. -0.059 min
Lab File: VN082490.D
Acq: 07 Jun 2024 14:12

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-218-220

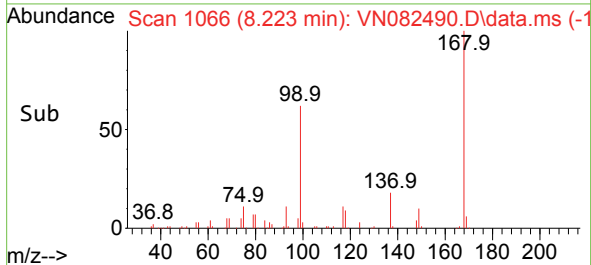
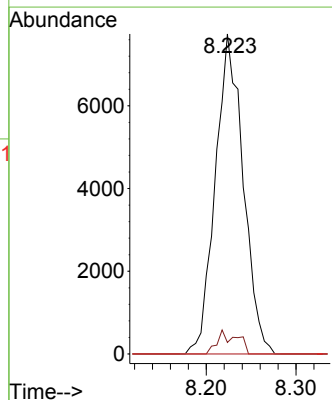
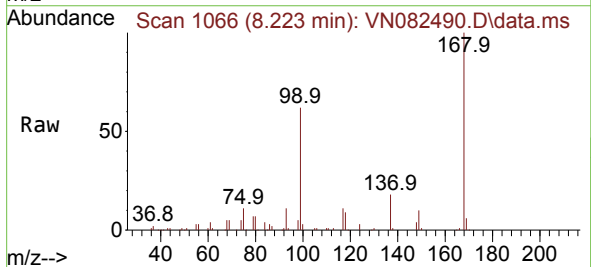


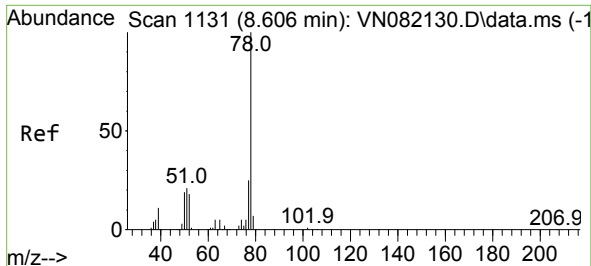
Tgt Ion: 43 Resp: 3123
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.0 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 5.614 ug/l
RT: 8.223 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082490.D
Acq: 07 Jun 2024 14:12

Tgt Ion: 117 Resp: 16676
Ion Ratio Lower Upper
117 100
119 3.6 76.5 114.7#
121 0.0 23.9 35.9#

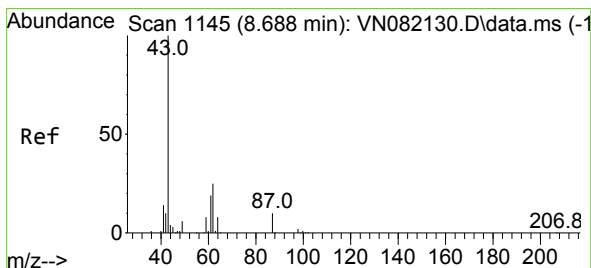
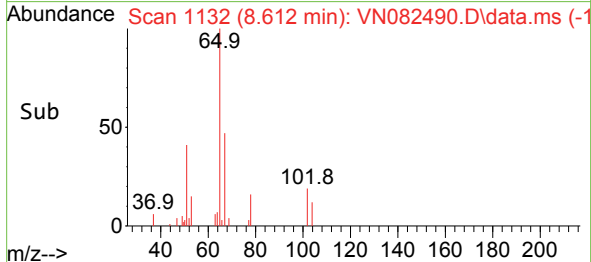
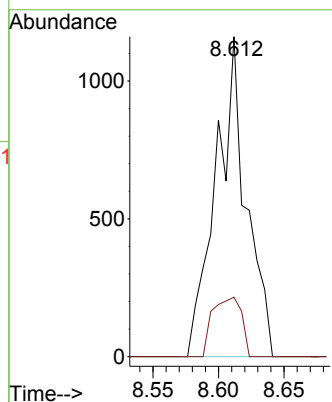
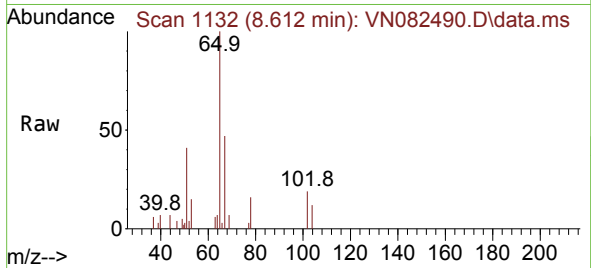




#40
Benzene
Concen: 0.213 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN082490.D
Acq: 07 Jun 2024 14:12

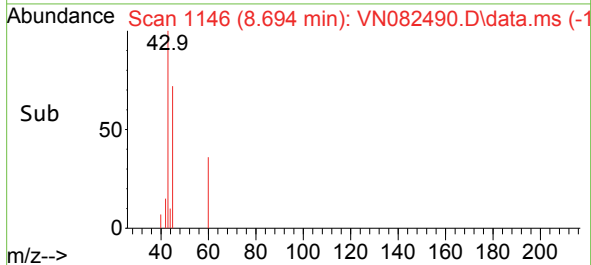
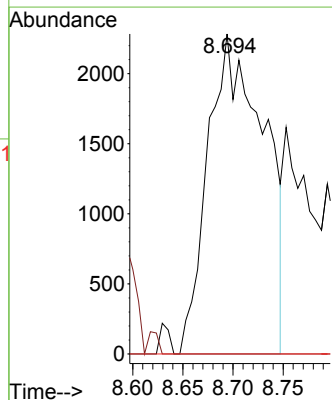
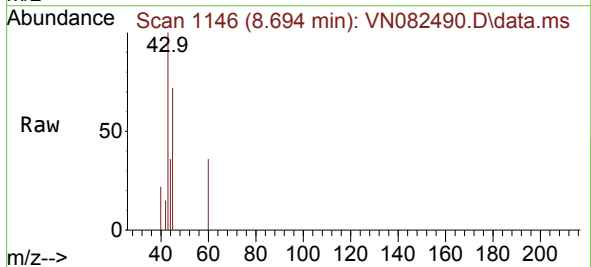
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-218-220

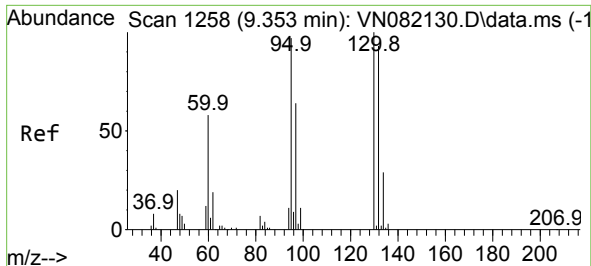
Tgt Ion: 78 Resp: 1864
Ion Ratio Lower Upper
78 100
77 18.6 20.0 30.0#



#43
Isopropyl Acetate
Concen: 1.530 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082490.D
Acq: 07 Jun 2024 14:12

Tgt Ion: 43 Resp: 8890
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#

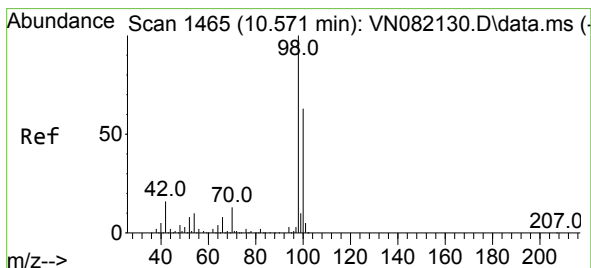
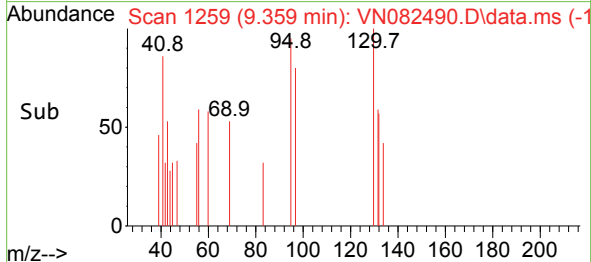
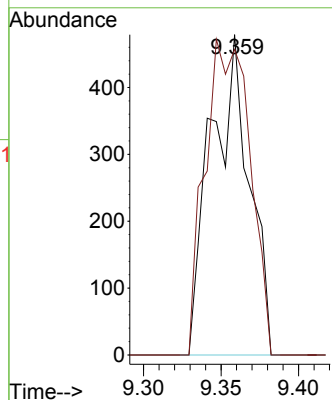
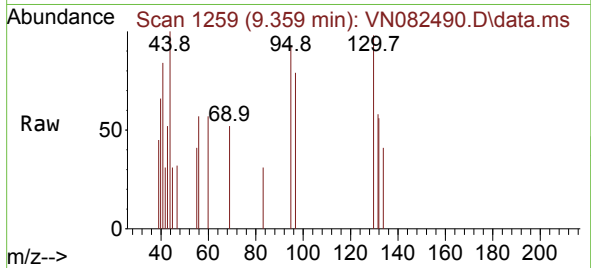




#44
Trichloroethene
Concen: 0.416 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082490.D
Acq: 07 Jun 2024 14:12

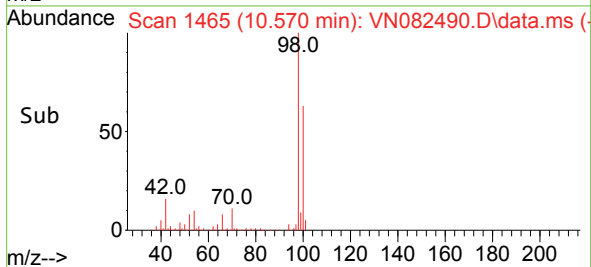
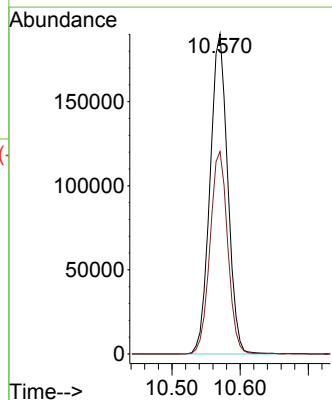
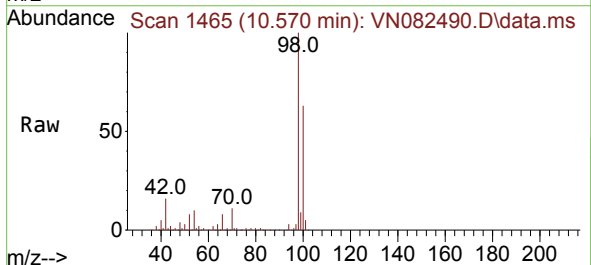
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-218-220

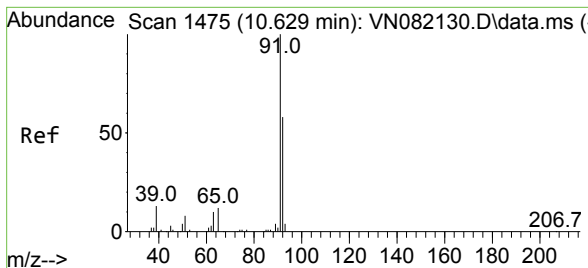
Tgt Ion:130 Resp: 825
Ion Ratio Lower Upper
130 100
95 95.4 0.0 195.4



#50
Toluene-d8
Concen: 51.247 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082490.D
Acq: 07 Jun 2024 14:12

Tgt Ion: 98 Resp: 343294
Ion Ratio Lower Upper
98 100
100 63.4 51.8 77.6





#52

Toluene

Concen: 0.218 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN082490.D

Acq: 07 Jun 2024 14:12

Instrument :

MSVOA_N

ClientSampleId :

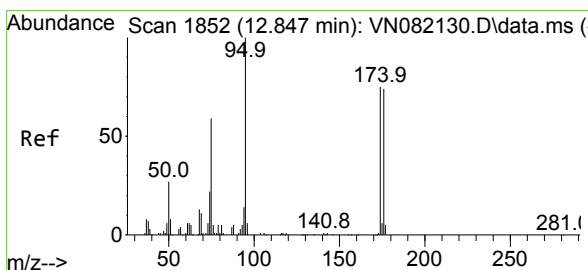
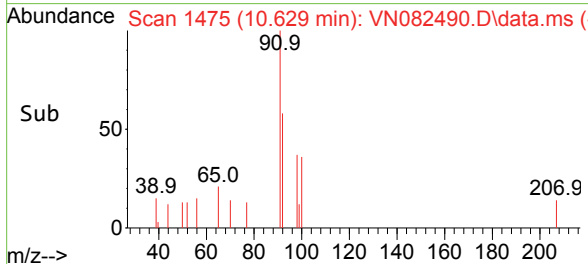
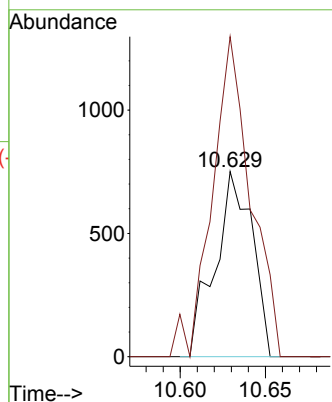
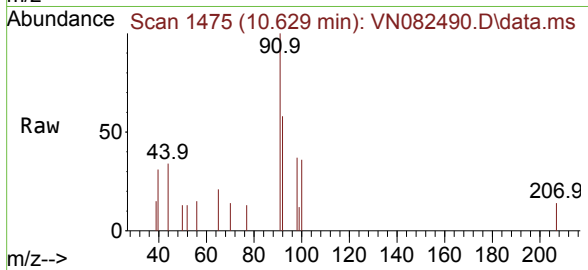
BP-VPB-189-GW-218-220

Tgt Ion: 92 Resp: 1142

Ion Ratio Lower Upper

92 100

91 179.2 136.7 205.1



#62

4-Bromofluorobenzene

Concen: 47.207 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082490.D

Acq: 07 Jun 2024 14:12

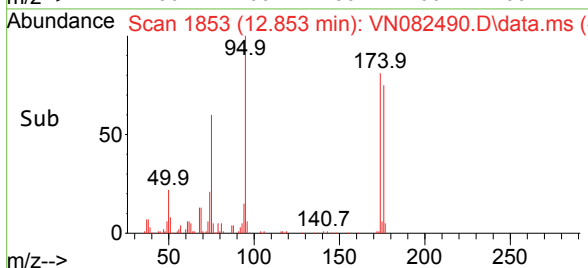
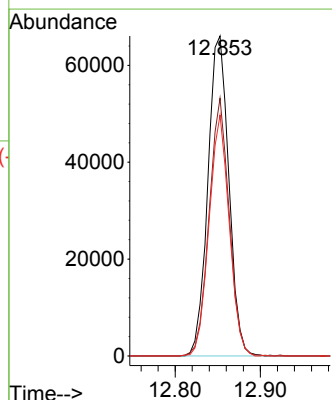
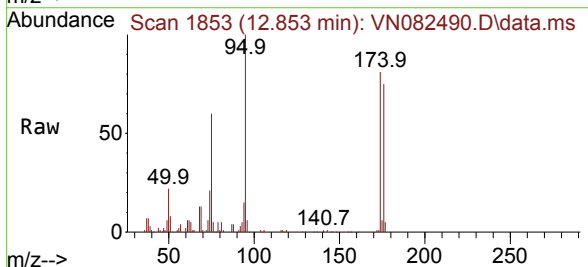
Tgt Ion: 95 Resp: 112869

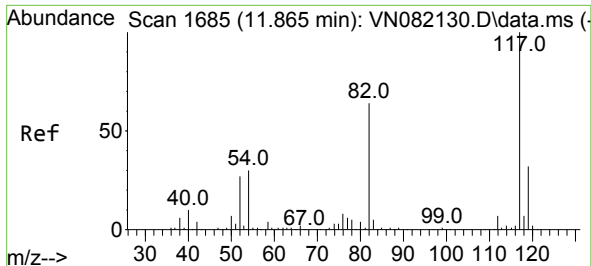
Ion Ratio Lower Upper

95 100

174 77.4 0.0 160.6

176 72.6 0.0 152.8

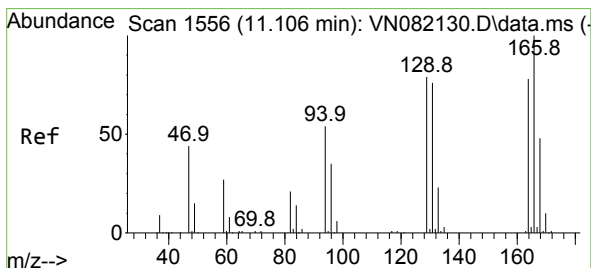
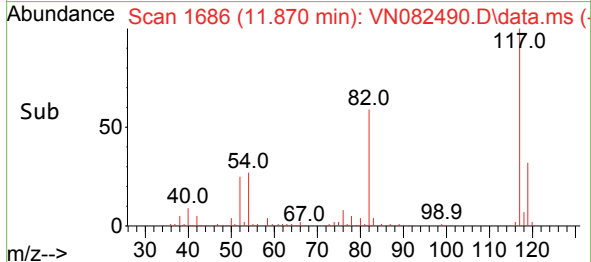
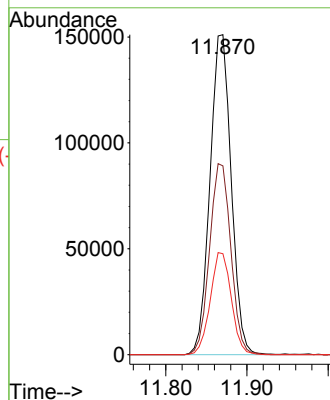
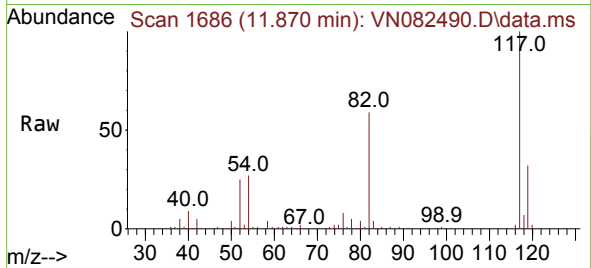




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN082490.D
Acq: 07 Jun 2024 14:12

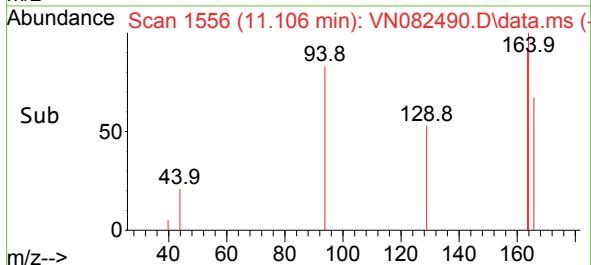
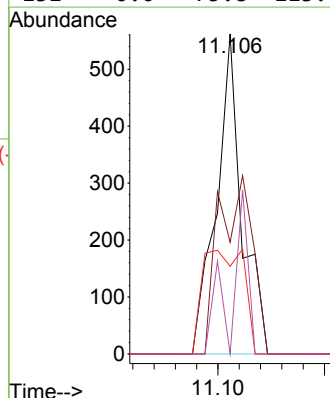
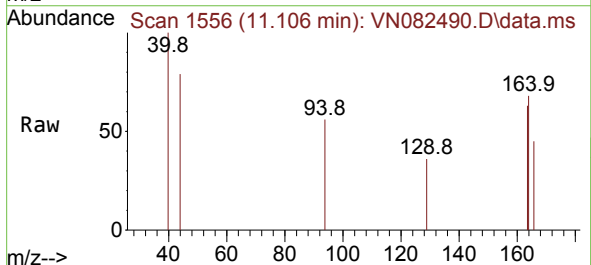
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-218-220

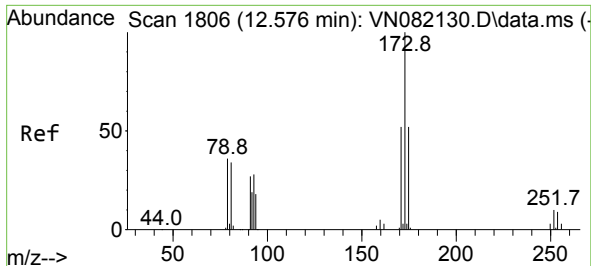
Tgt Ion:117 Resp: 274301
Ion Ratio Lower Upper
117 100
82 59.0 44.6 66.8
119 31.6 25.9 38.9



#64
Tetrachloroethene
Concen: 0.229 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082490.D
Acq: 07 Jun 2024 14:12

Tgt Ion:164 Resp: 465
Ion Ratio Lower Upper
164 100
166 34.9 97.6 146.4#
129 27.4 73.7 110.5#
131 0.0 75.8 113.6#

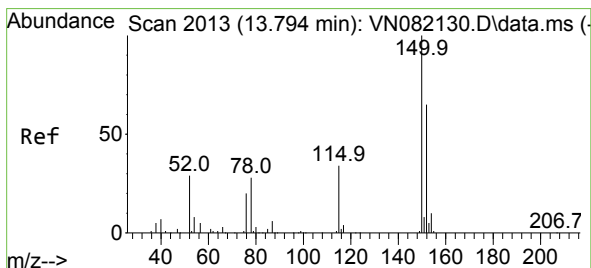
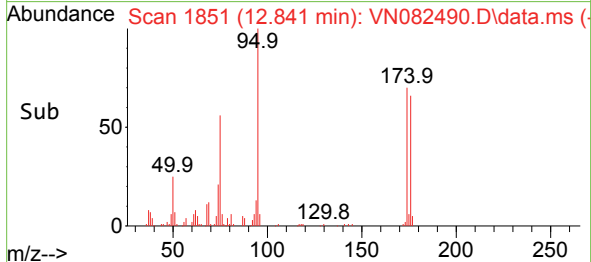
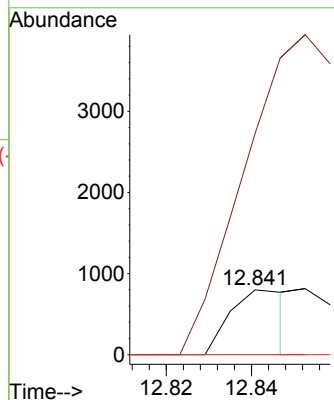
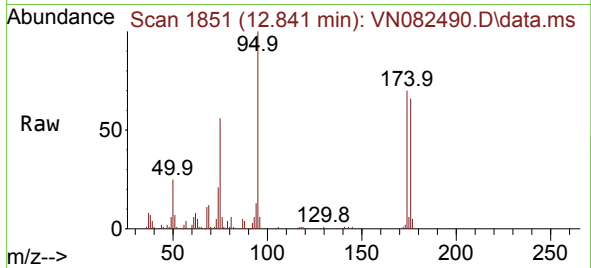




#71
Bromoform
Concen: 1.162 ug/l
RT: 12.841 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN082490.D
Acq: 07 Jun 2024 14:12

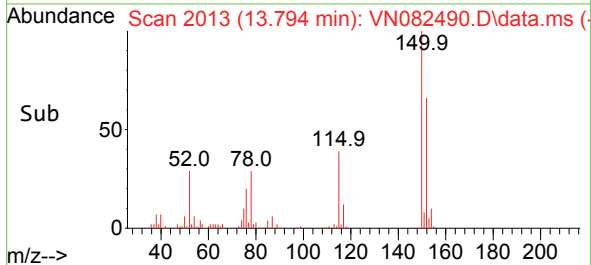
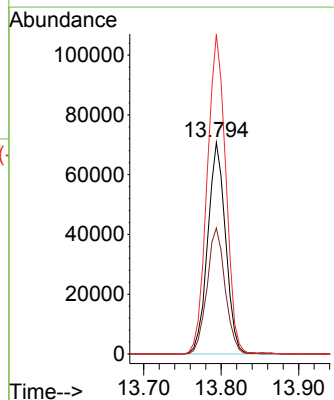
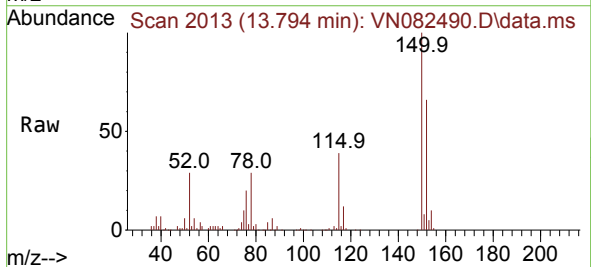
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-218-220

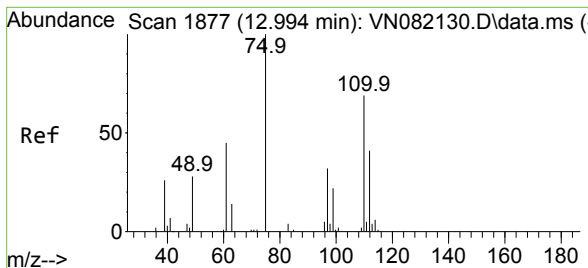
Tgt Ion:173 Resp: 742
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082490.D
Acq: 07 Jun 2024 14:12

Tgt Ion:152 Resp: 113337
Ion Ratio Lower Upper
152 100
115 60.6 30.4 91.3
150 157.1 0.0 353.2





#76

1,2,3-Trichloropropane

Concen: 28.183 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082490.D

Acq: 07 Jun 2024 14:12

Instrument :

MSVOA_N

ClientSampleId :

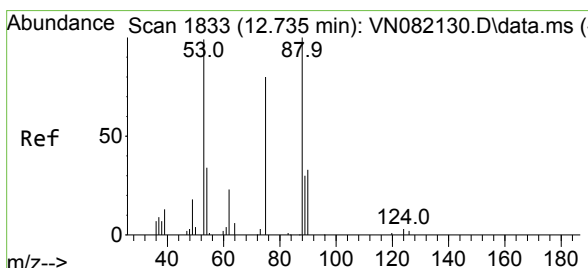
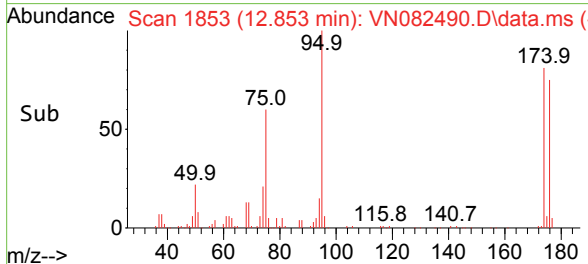
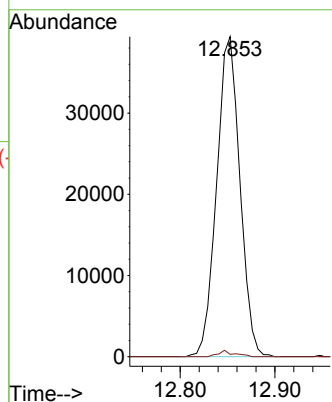
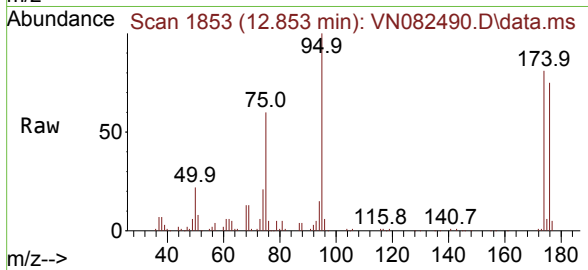
BP-VPB-189-GW-218-220

Tgt Ion: 75 Resp: 67231

Ion Ratio Lower Upper

75 100

77 1.3 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.920 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.117 min

Lab File: VN082490.D

Acq: 07 Jun 2024 14:12

Tgt Ion: 75 Resp: 67231

Ion Ratio Lower Upper

75 100

53 0.1 72.9 109.3#

89 0.0 39.1 58.7#

