

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
 Data File : VN080814.D
 Acq On : 30 Jan 2024 14:49
 Operator : JC\MD
 Sample : P1288-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-191-GW-558-560

Quant Time: Jan 31 02:10:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

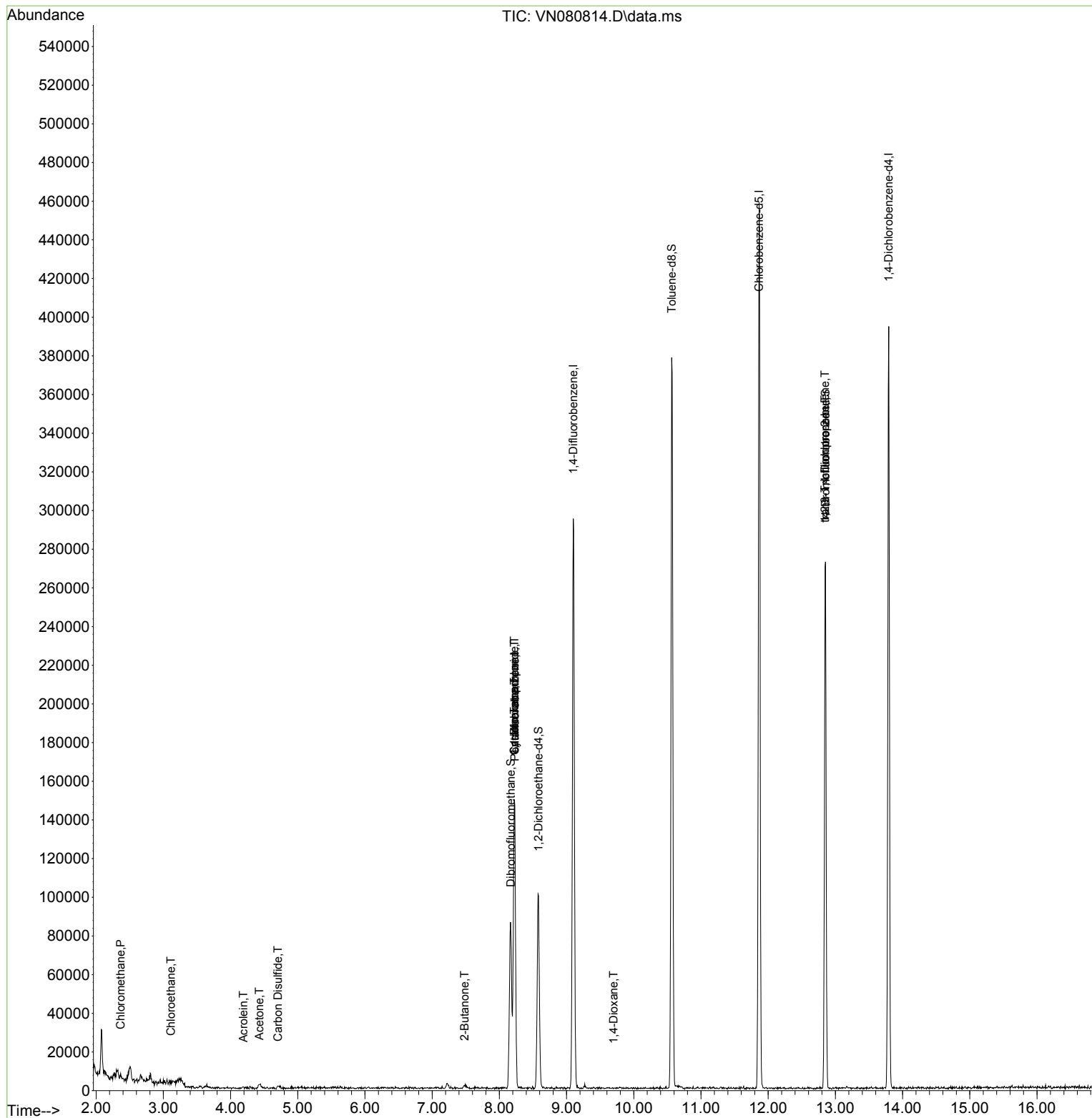
Internal Standards						
1) Pentafluorobenzene	8.230	168	94755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	229218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	230661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	85424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	76934	46.933	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.860%
35) Dibromofluoromethane	8.171	113	60372	43.050	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.100%
50) Toluene-d8	10.565	98	252658	46.032	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.060%
62) 4-Bromofluorobenzene	12.853	95	95077	49.709	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.420%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	2178	1.030	ug/l #	77
6) Chloroethane	3.112	64	244	0.285	ug/l #	42
13) Acrolein	4.189	56	318	0.944	ug/l	99
16) Acetone	4.430	43	4059	6.828	ug/l #	75
17) Carbon Disulfide	4.706	76	1085	0.262	ug/l #	78
25) 2-Butanone	7.483	43	1706	1.511	ug/l	92
31) Cyclohexane	8.224	56	3817	1.358	ug/l #	5
36) 1,1-Dichloropropene	8.224	75	11722	4.497	ug/l #	51
38) Carbon Tetrachloride	8.224	117	11833	5.634	ug/l #	21
49) 1,4-Dioxane	9.700	88	60	2.103	ug/l #	5
76) 1,2,3-Trichloropropane	12.847	75	54408	21.118	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	54408	54.403	ug/l #	14

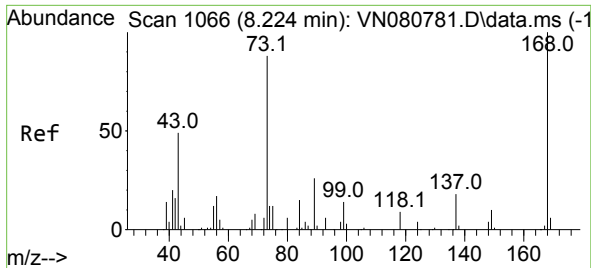
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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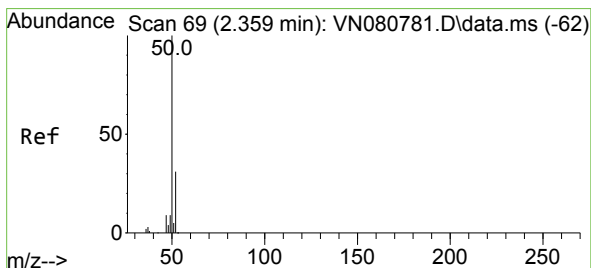
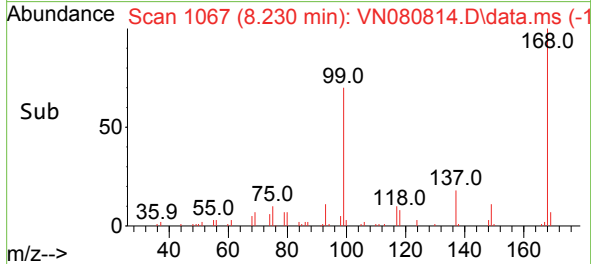
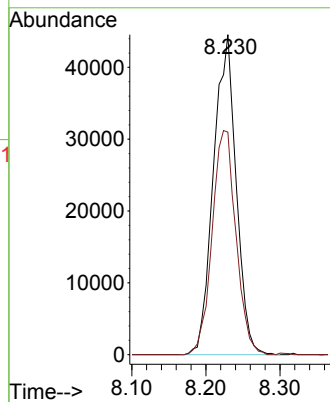
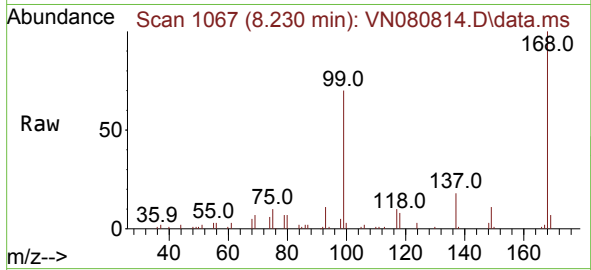




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN080814.D
Acq: 30 Jan 2024 14:49

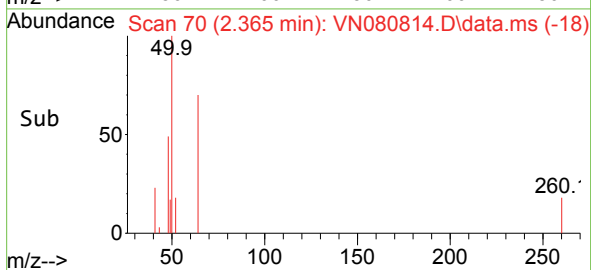
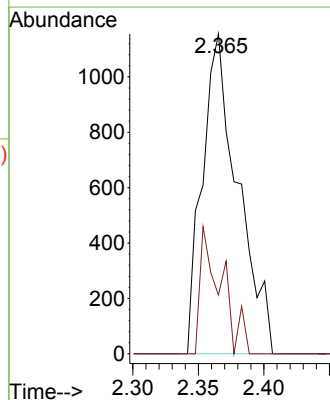
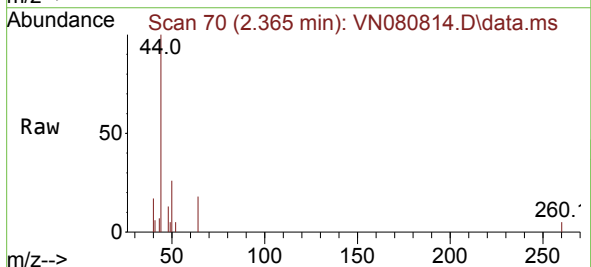
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-191-GW-558-560

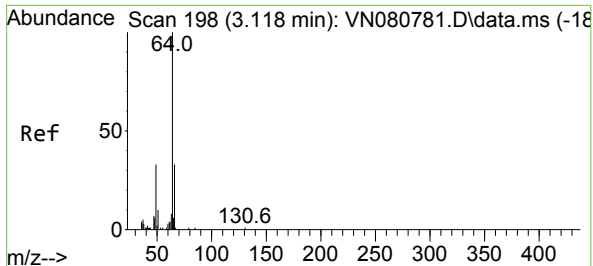
Tgt Ion:168 Resp: 94755
Ion Ratio Lower Upper
168 100
99 69.5 59.9 89.9



#3
Chloromethane
Concen: 1.030 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080814.D
Acq: 30 Jan 2024 14:49

Tgt Ion: 50 Resp: 2178
Ion Ratio Lower Upper
50 100
52 18.4 25.0 37.4#

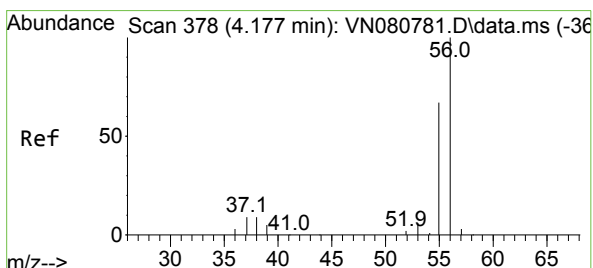
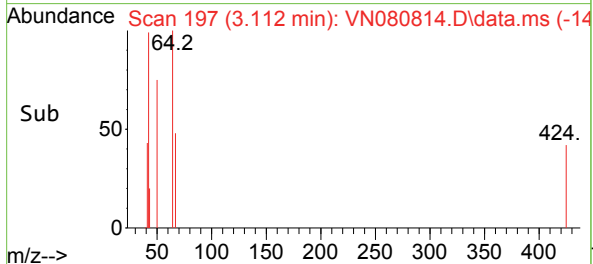
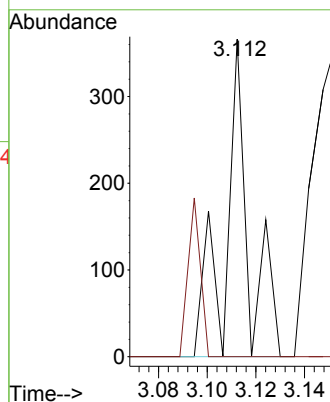
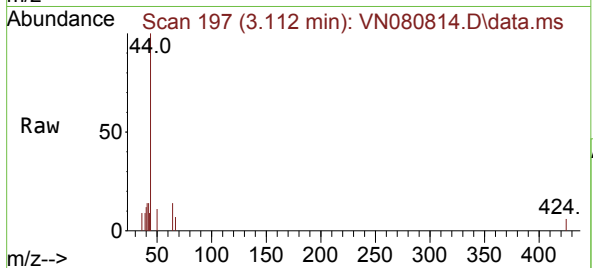




#6
Chloroethane
Concen: 0.285 ug/l
RT: 3.112 min Scan# 19
Delta R.T. -0.006 min
Lab File: VN080814.D
Acq: 30 Jan 2024 14:49

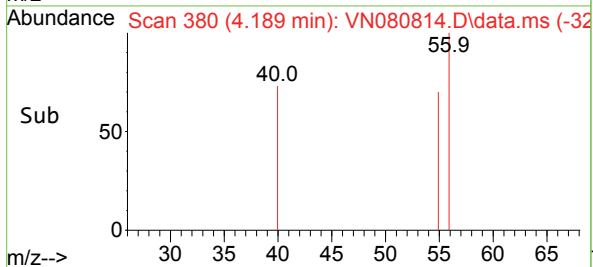
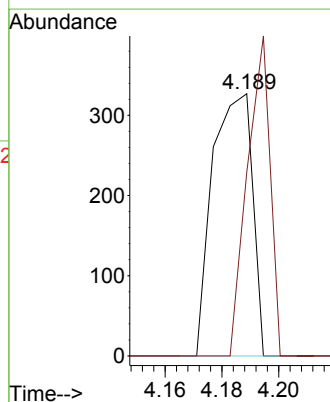
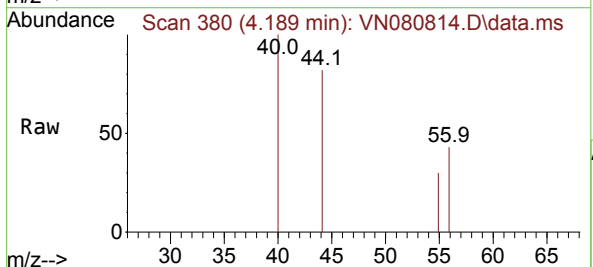
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-191-GW-558-560

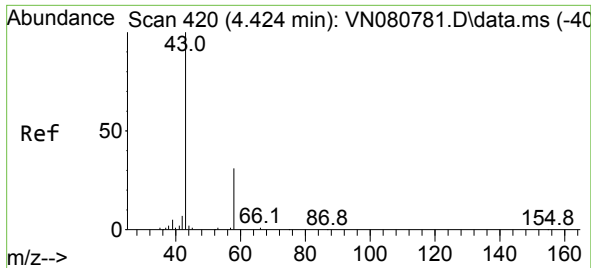
Tgt Ion: 64 Resp: 244
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#13
Acrolein
Concen: 0.944 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.012 min
Lab File: VN080814.D
Acq: 30 Jan 2024 14:49

Tgt Ion: 56 Resp: 318
Ion Ratio Lower Upper
56 100
55 69.8 55.3 82.9





#16

Acetone

Concen: 6.828 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN080814.D

Acq: 30 Jan 2024 14:49

Instrument :

MSVOA_N

ClientSampleId :

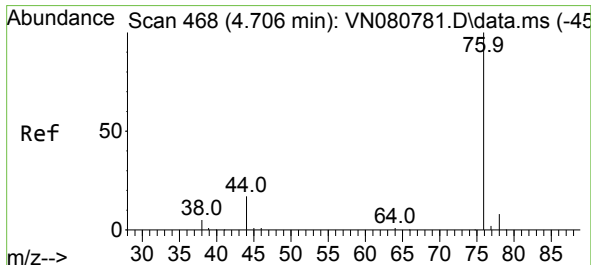
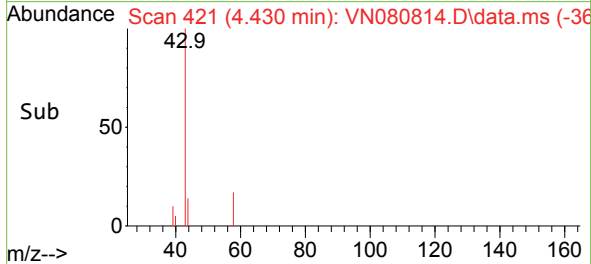
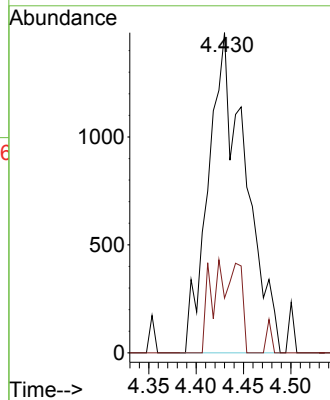
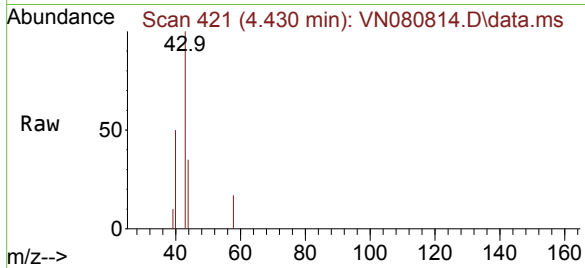
BP-VPB-191-GW-558-560

Tgt Ion: 43 Resp: 4059

Ion Ratio Lower Upper

43 100

58 17.1 24.8 37.2#



#17

Carbon Disulfide

Concen: 0.262 ug/l

RT: 4.706 min Scan# 468

Delta R.T. 0.000 min

Lab File: VN080814.D

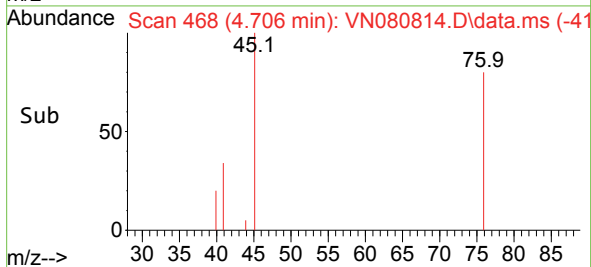
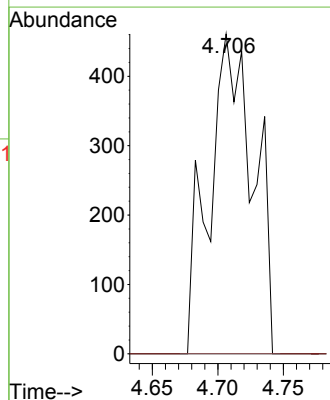
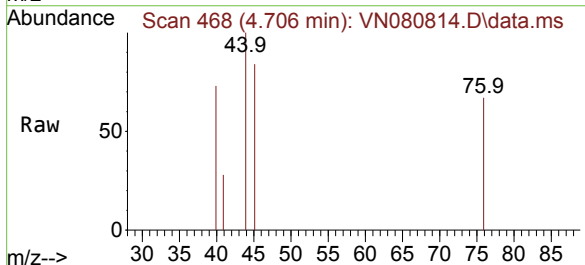
Acq: 30 Jan 2024 14:49

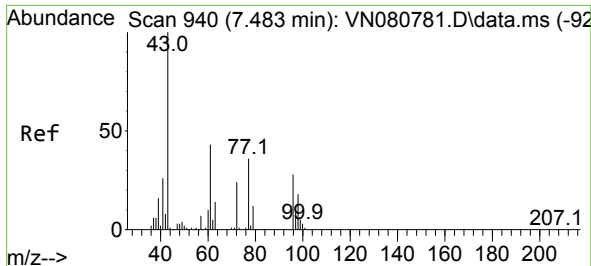
Tgt Ion: 76 Resp: 1085

Ion Ratio Lower Upper

76 100

78 0.0 6.3 9.5#

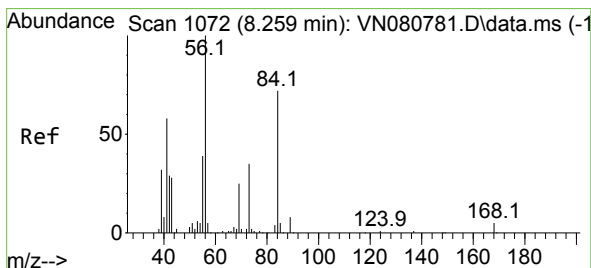
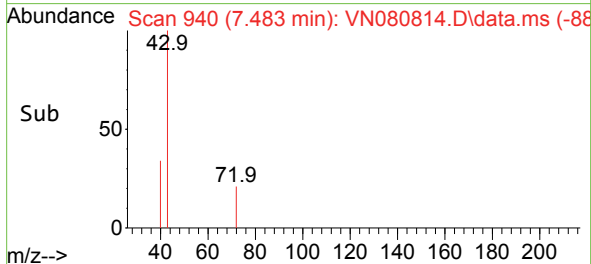
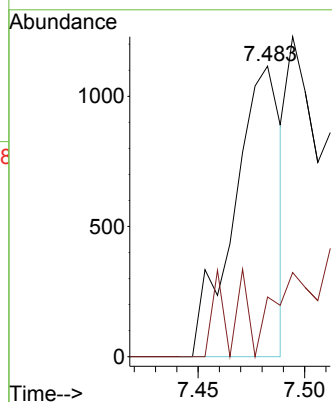
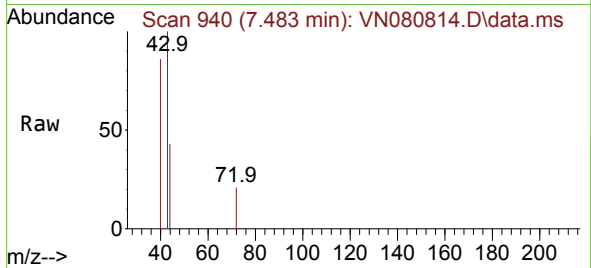




#25
2-Butanone
Concen: 1.511 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080814.D
Acq: 30 Jan 2024 14:49

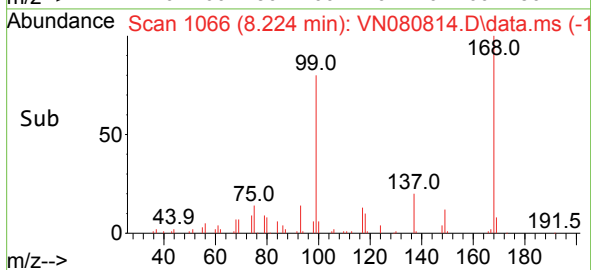
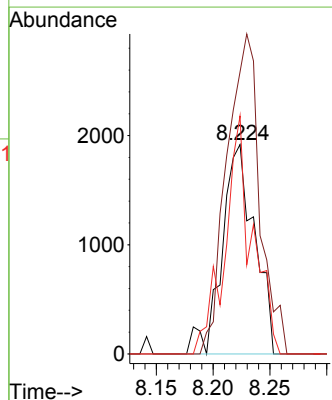
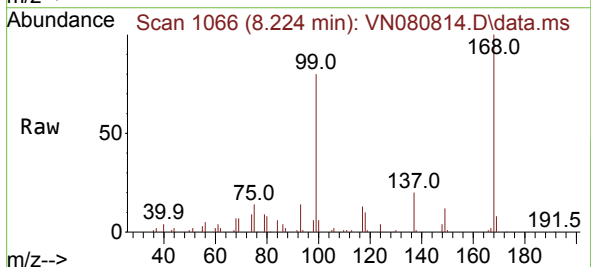
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-191-GW-558-560

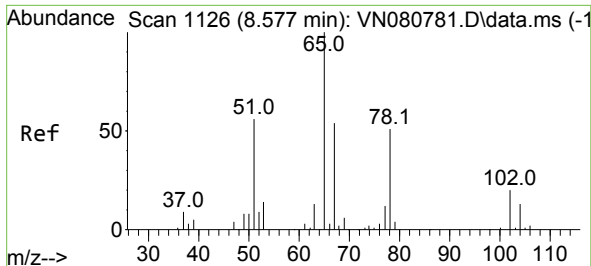
Tgt Ion: 43 Resp: 1706
Ion Ratio Lower Upper
43 100
72 20.5 19.5 29.3



#31
Cyclohexane
Concen: 1.358 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080814.D
Acq: 30 Jan 2024 14:49

Tgt Ion: 56 Resp: 3817
Ion Ratio Lower Upper
56 100
69 134.6 20.1 30.1#
84 113.7 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 46.933 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080814.D

Acq: 30 Jan 2024 14:49

Instrument :

MSVOA_N

ClientSampleId :

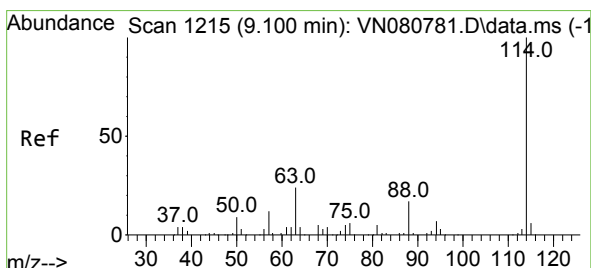
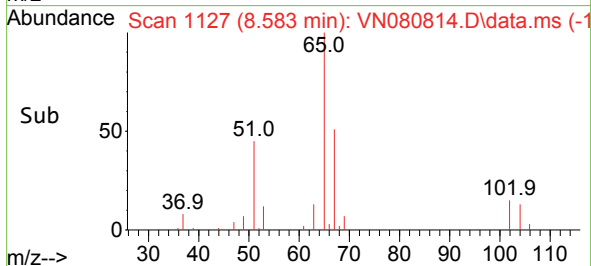
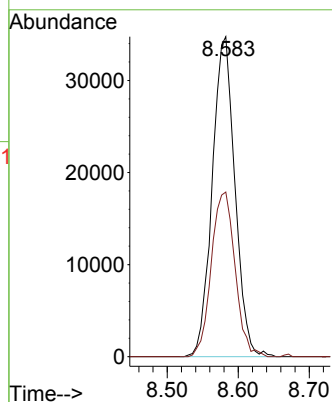
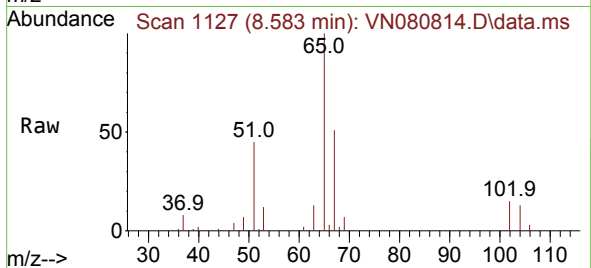
BP-VPB-191-GW-558-560

Tgt Ion: 65 Resp: 76934

Ion Ratio Lower Upper

65 100

67 53.9 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080814.D

Acq: 30 Jan 2024 14:49

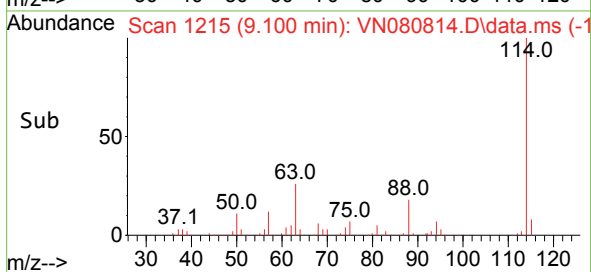
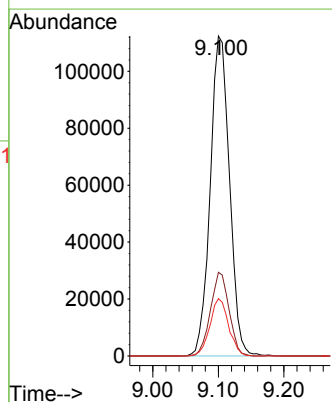
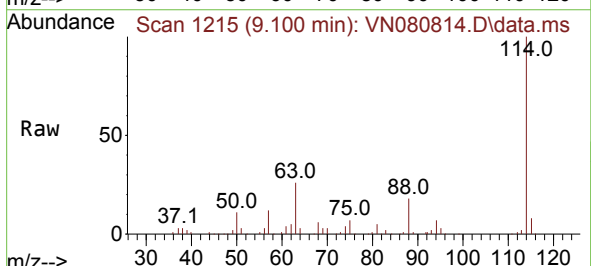
Tgt Ion: 114 Resp: 229218

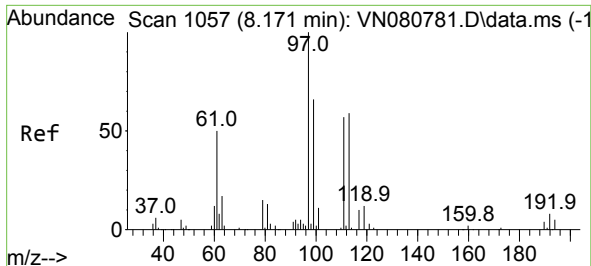
Ion Ratio Lower Upper

114 100

63 26.1 0.0 48.0

88 17.9 0.0 34.8

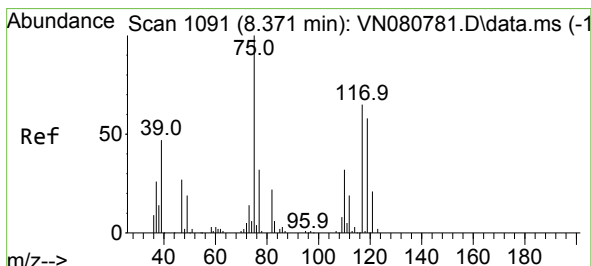
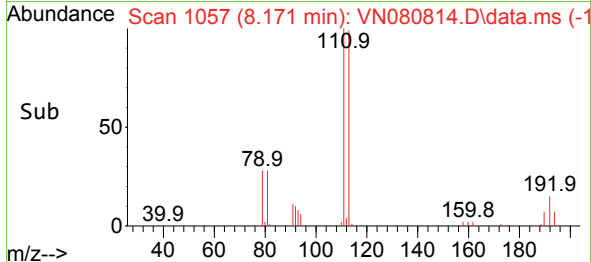
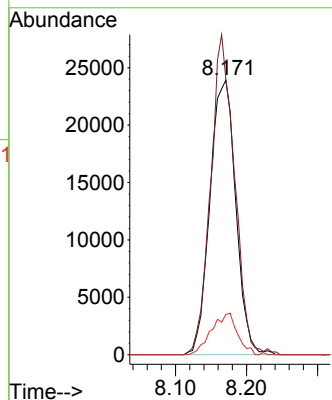
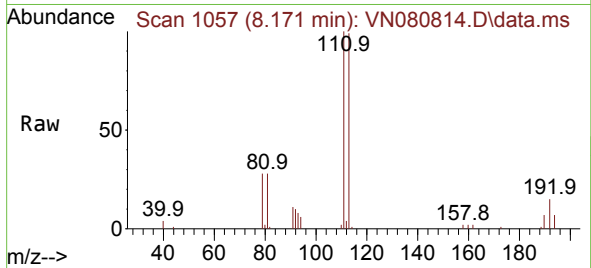




#35
Dibromofluoromethane
Concen: 43.050 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080814.D
Acq: 30 Jan 2024 14:49

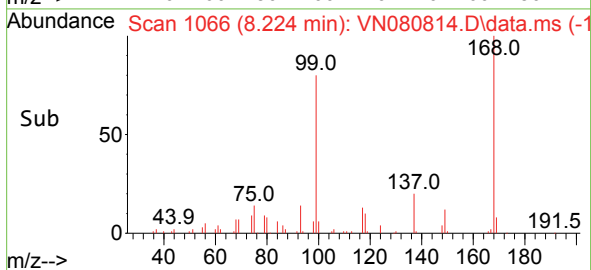
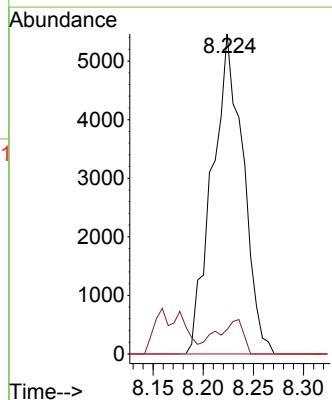
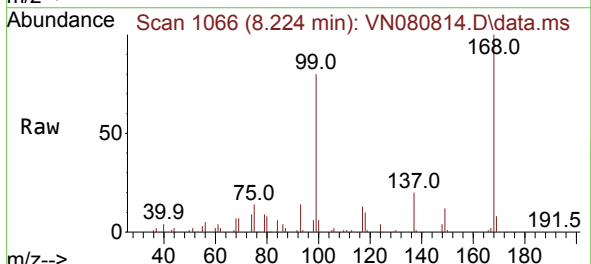
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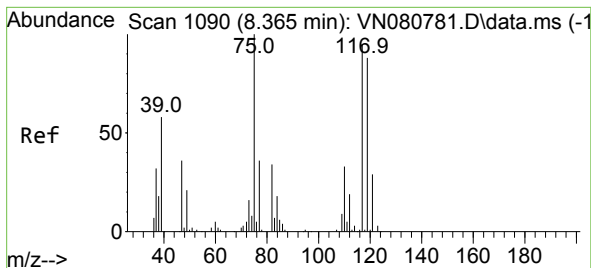
Tgt Ion:113 Resp: 60372
Ion Ratio Lower Upper
113 100
111 107.7 82.2 123.4
192 15.2 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.497 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN080814.D
Acq: 30 Jan 2024 14:49

Tgt Ion: 75 Resp: 11722
Ion Ratio Lower Upper
75 100
110 9.3 16.0 48.0#
77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 5.634 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN080814.D

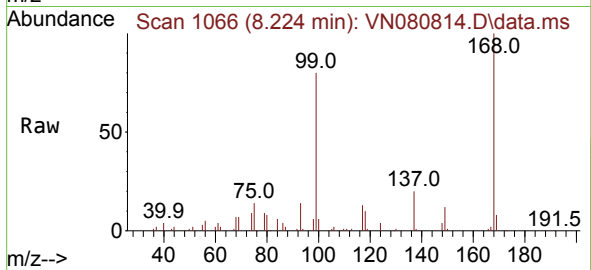
Acq: 30 Jan 2024 14:49

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-191-GW-558-560



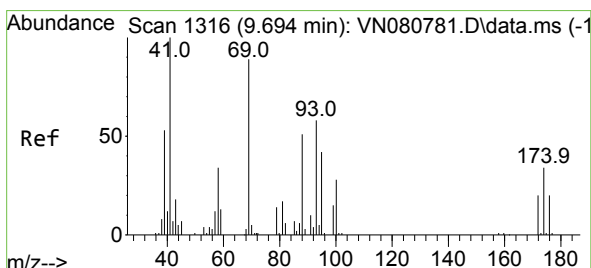
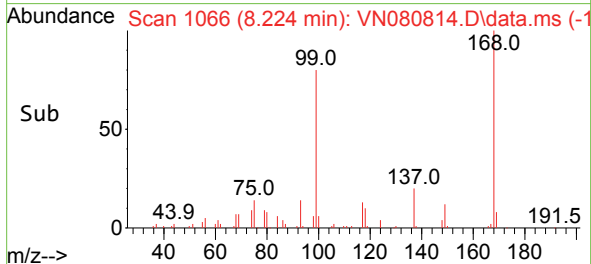
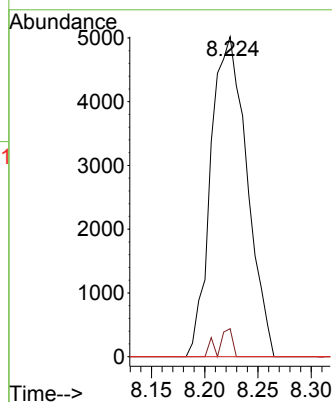
Tgt Ion:117 Resp: 11833

Ion Ratio Lower Upper

117 100

119 8.8 73.4 110.2#

121 0.0 24.4 36.6#



#49

1,4-Dioxane

Concen: 2.103 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN080814.D

Acq: 30 Jan 2024 14:49

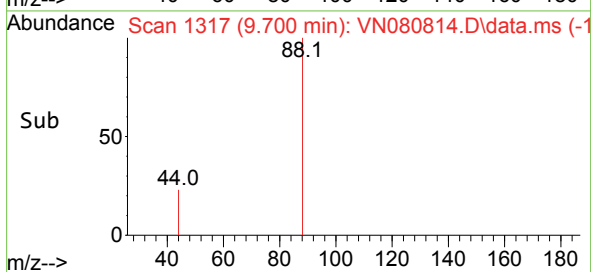
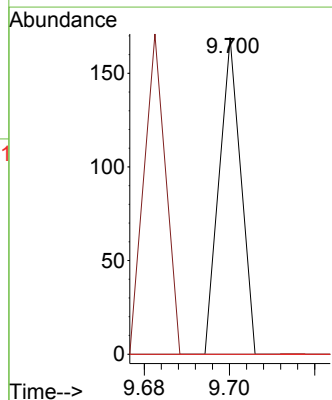
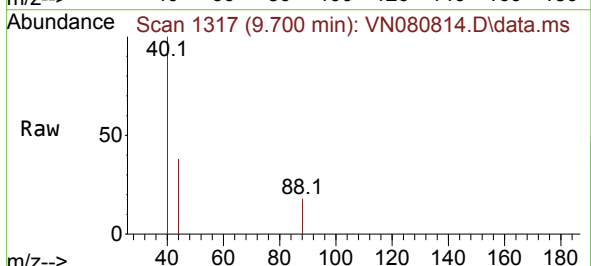
Tgt Ion: 88 Resp: 60

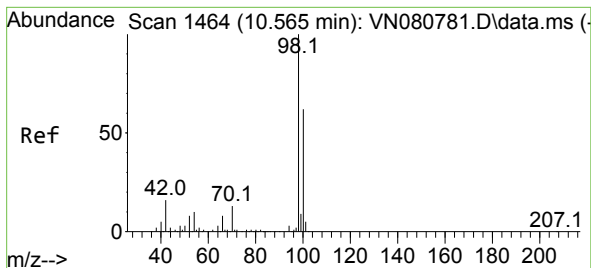
Ion Ratio Lower Upper

88 100

43 100.0 30.1 45.1#

58 0.0 63.9 95.9#





#50

Toluene-d8

Concen: 46.032 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080814.D

Acq: 30 Jan 2024 14:49

Instrument :

MSVOA_N

ClientSampleId :

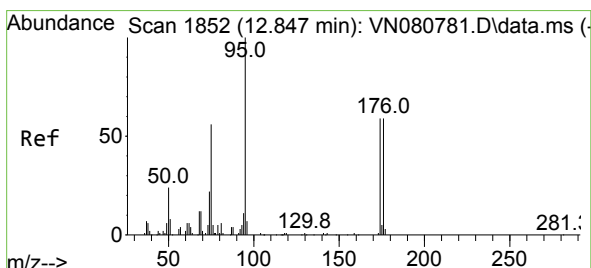
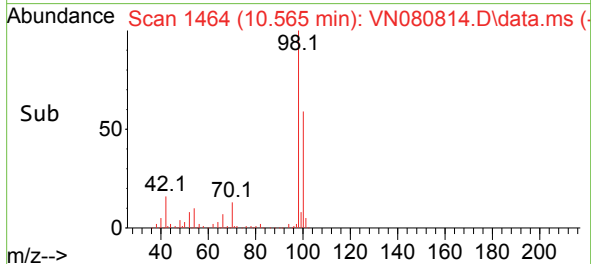
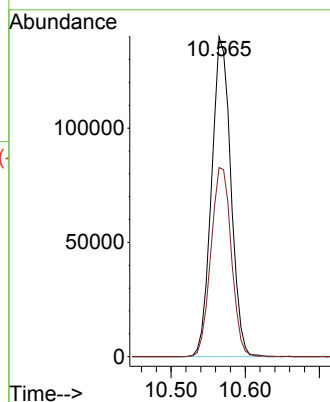
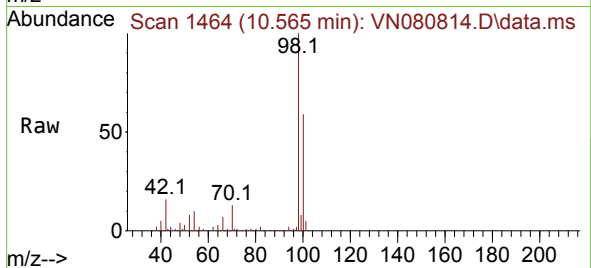
BP-VPB-191-GW-558-560

Tgt Ion: 98 Resp: 252658

Ion Ratio Lower Upper

98 100

100 62.5 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 49.709 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN080814.D

Acq: 30 Jan 2024 14:49

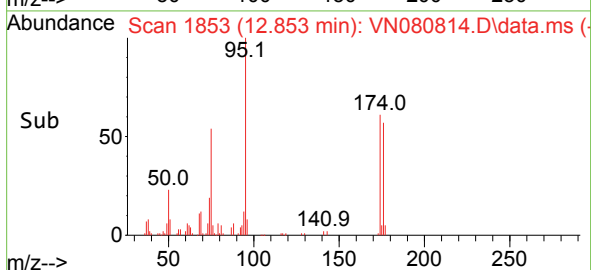
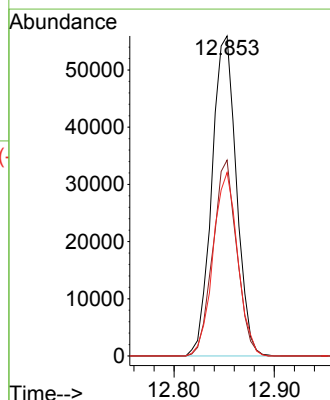
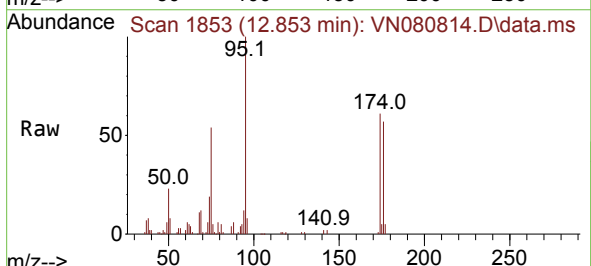
Tgt Ion: 95 Resp: 95077

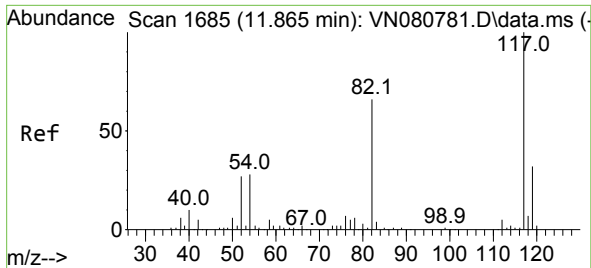
Ion Ratio Lower Upper

95 100

174 59.7 0.0 120.4

176 57.7 0.0 121.0

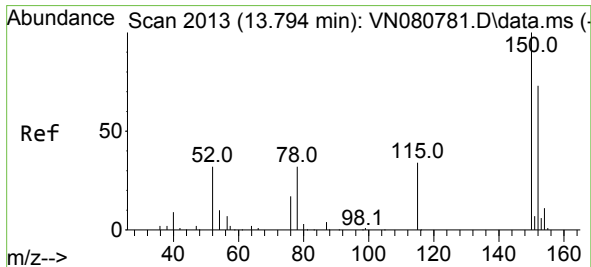
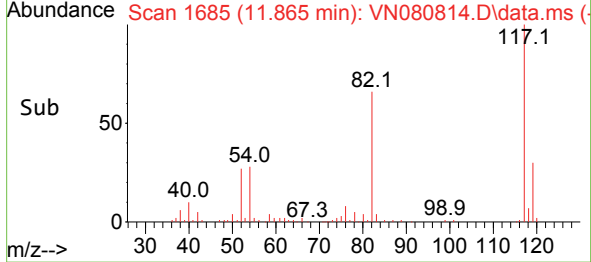
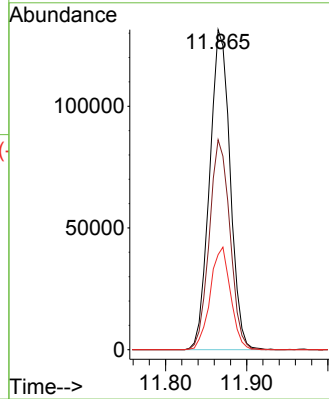
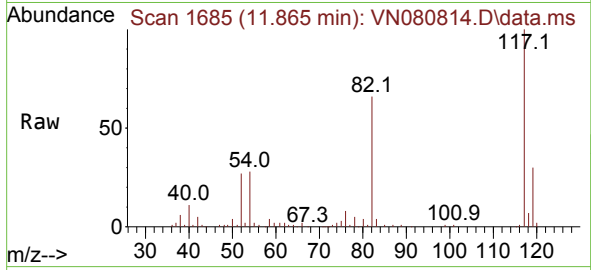




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080814.D
Acq: 30 Jan 2024 14:49

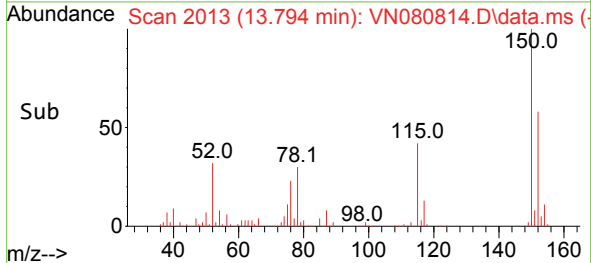
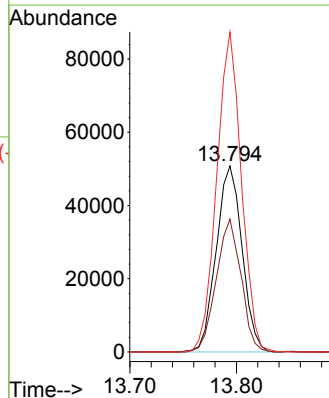
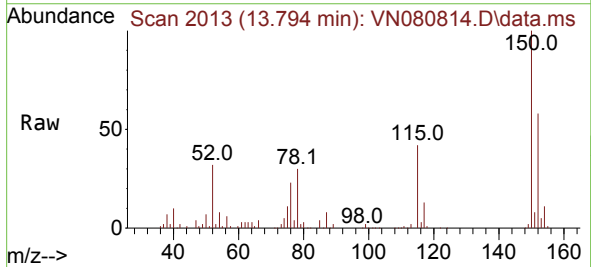
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-191-GW-558-560

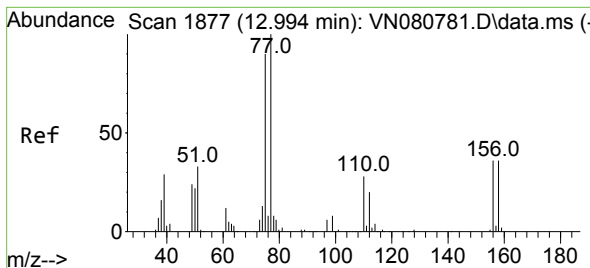
Tgt Ion:117 Resp: 230661
Ion Ratio Lower Upper
117 100
82 65.6 52.7 79.1
119 29.7 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080814.D
Acq: 30 Jan 2024 14:49

Tgt Ion:152 Resp: 85424
Ion Ratio Lower Upper
152 100
115 68.5 32.3 96.8
150 164.3 0.0 339.8





#76

1,2,3-Trichloropropane

Concen: 21.118 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN080814.D

Acq: 30 Jan 2024 14:49

Instrument :

MSVOA_N

ClientSampleId :

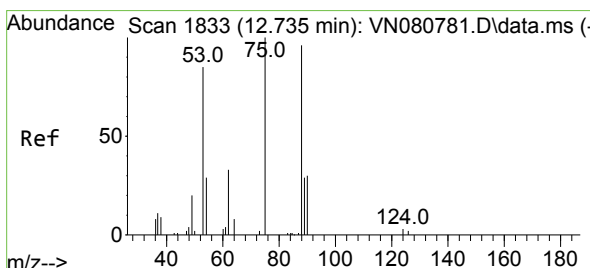
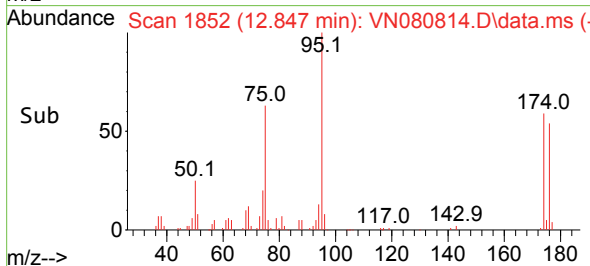
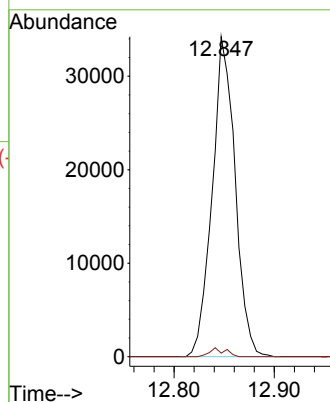
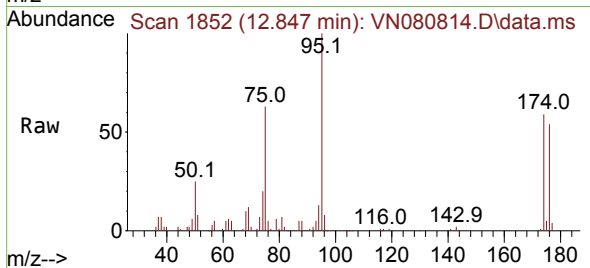
BP-VPB-191-GW-558-560

Tgt Ion: 75 Resp: 54408

Ion Ratio Lower Upper

75 100

77 1.9 91.0 272.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 54.403 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN080814.D

Acq: 30 Jan 2024 14:49

Tgt Ion: 75 Resp: 54408

Ion Ratio Lower Upper

75 100

53 0.0 71.4 107.2#

89 0.1 33.4 50.0#

