

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042524\
 Data File : VN081863.D
 Acq On : 25 Apr 2024 20:16
 Operator : JC\MD
 Sample : P2245-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PIT-01

Quant Time: Apr 26 05:41:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

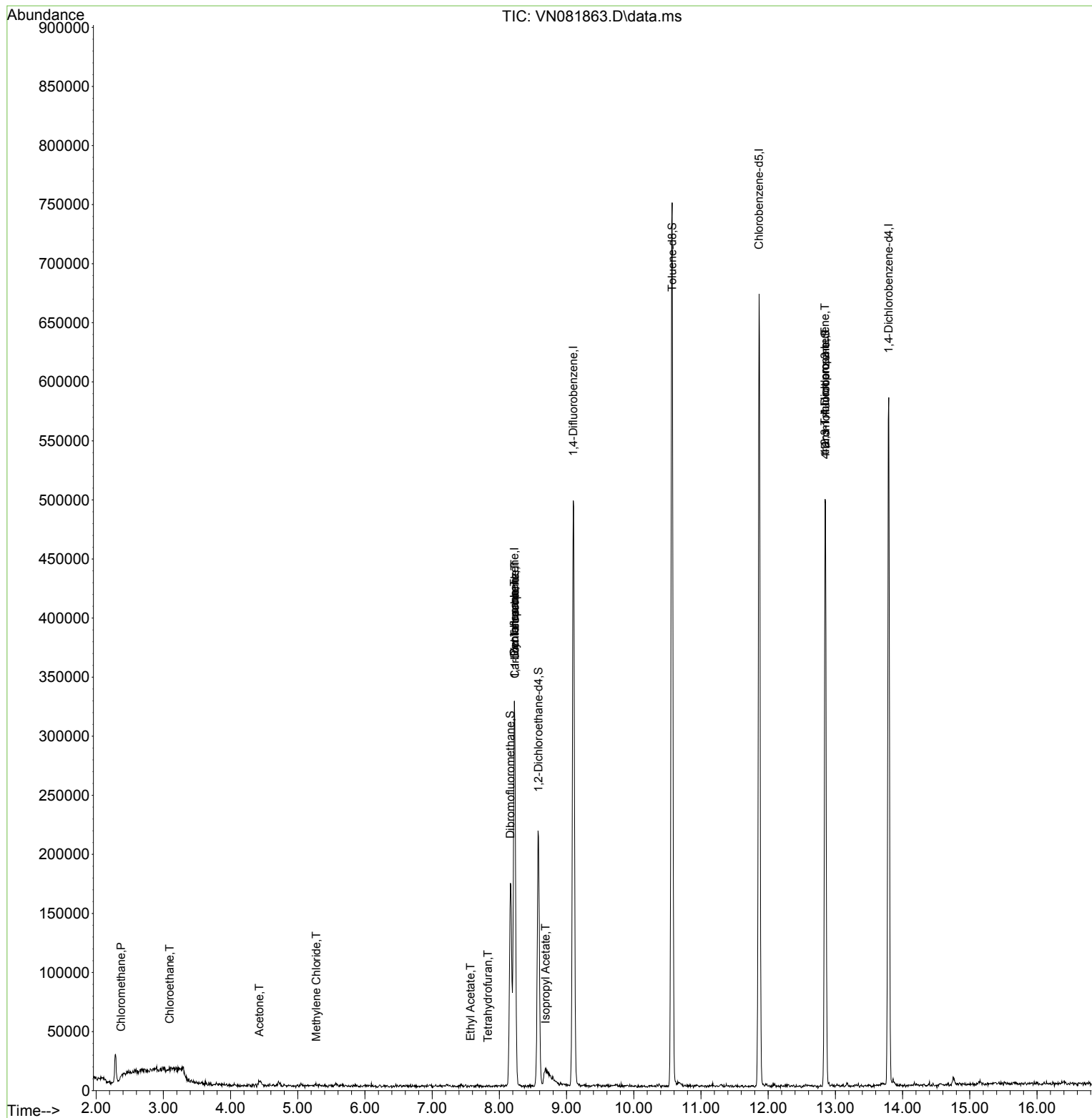
Internal Standards						
1) Pentafluorobenzene	8.224	168	223032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	417928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	361925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	147561	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	176152	46.797	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.600%		
35) Dibromofluoromethane	8.165	113	125016	49.683	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.360%		
50) Toluene-d8	10.571	98	511151	51.723	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.440%		
62) 4-Bromofluorobenzene	12.853	95	181556	46.474	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	92.940%		
Target Compounds			Qvalue			
3) Chloromethane	2.371	50	814	0.249 ug/l #	70	
5) Bromomethane	2.983	94	1085	Below Cal	95	
6) Chloroethane	3.095	64	572	0.383 ug/l #	44	
13) Acrolein	4.183	56	352	Below Cal #	1	
16) Acetone	4.430	43	9923	3.524 ug/l	100	
20) Methylene Chloride	5.277	84	789	0.245 ug/l #	32	
29) Tetrahydrofuran	7.830	42	486	0.317 ug/l #	37	
31) Cyclohexane	8.224	56	7418	1.308 ug/l #	52	
36) 1,1-Dichloropropene	8.230	75	22237	5.432 ug/l #	45	
37) Ethyl Acetate	7.571	43	915	0.207 ug/l #	68	
38) Carbon Tetrachloride	8.230	117	25757	6.438 ug/l #	15	
43) Isopropyl Acetate	8.688	43	17903	2.151 ug/l #	54	
76) 1,2,3-Trichloropropane	12.847	75	102042	26.671 ug/l #	1	
81) trans-1,4-Dichloro-2-b...	12.847	75	102042	54.653 ug/l #	12	

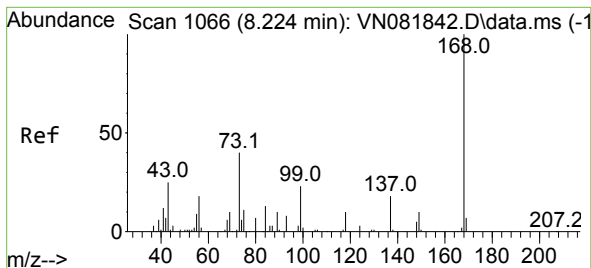
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042524\
Data File : VN081863.D
Acq On : 25 Apr 2024 20:16
Operator : JC\MD
Sample : P2245-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PIT-01

Quant Time: Apr 26 05:41:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 26 05:26:49 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081863.D

Acq: 25 Apr 2024 20:16

Instrument :

MSVOA_N

ClientSampleId :

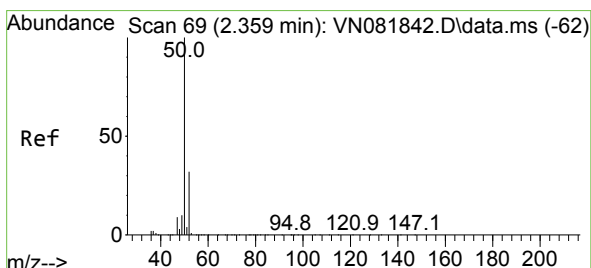
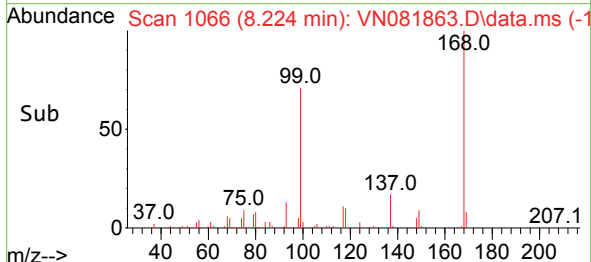
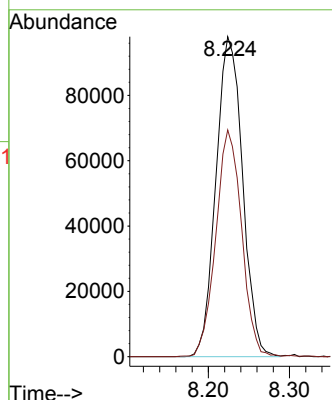
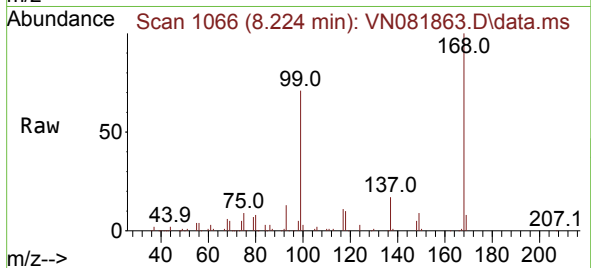
PIT-01

Tgt Ion:168 Resp: 223032

Ion Ratio Lower Upper

168 100

99 70.7 48.2 72.4



#3

Chloromethane

Concen: 0.249 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.012 min

Lab File: VN081863.D

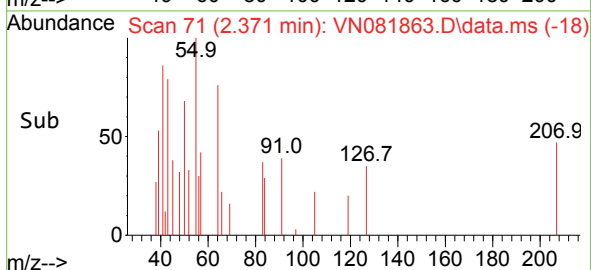
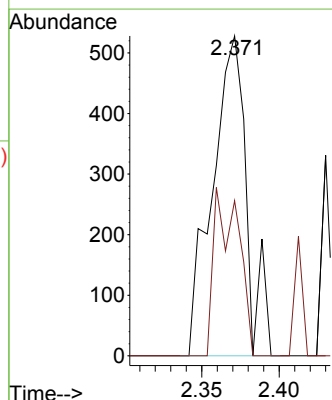
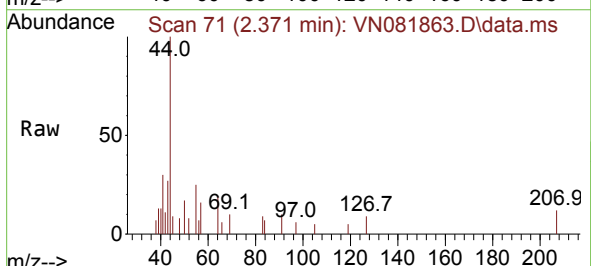
Acq: 25 Apr 2024 20:16

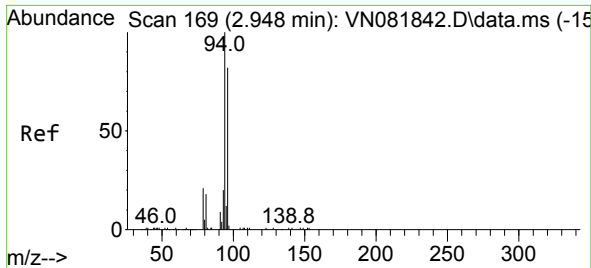
Tgt Ion: 50 Resp: 814

Ion Ratio Lower Upper

50 100

52 48.5 25.5 38.3#

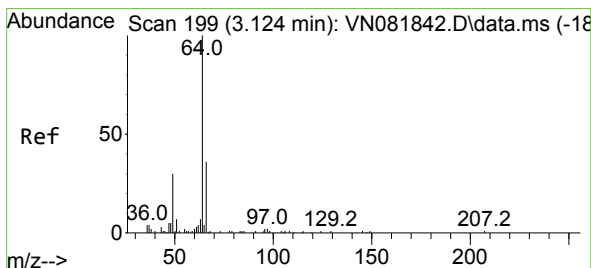
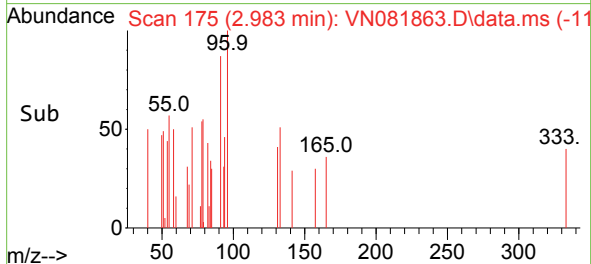
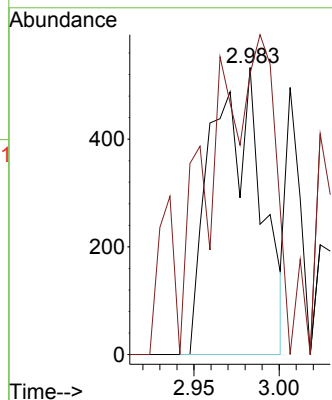
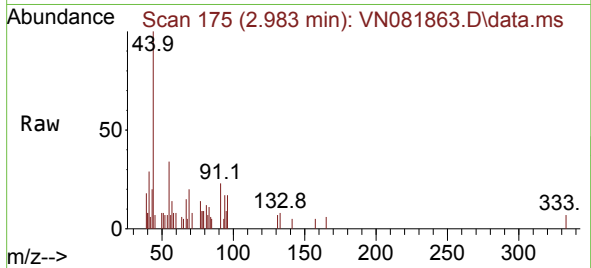




#5
Bromomethane
Concen: Below Cal
RT: 2.983 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN081863.D
Acq: 25 Apr 2024 20:16

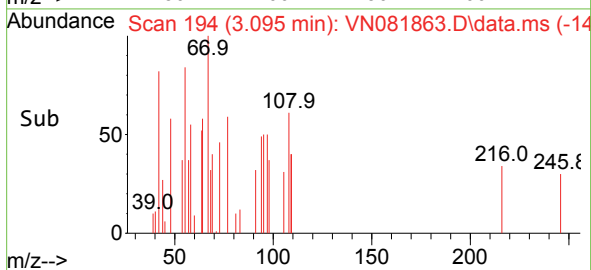
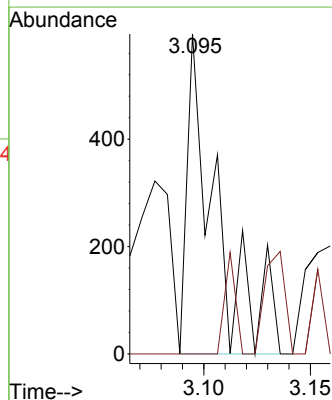
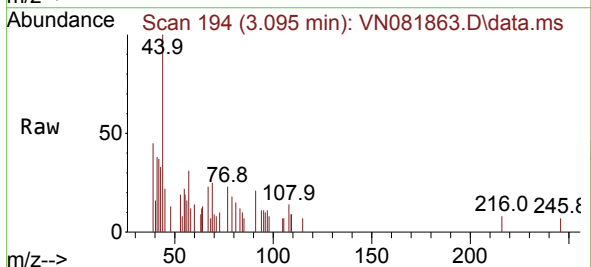
Instrument :
MSVOA_N
ClientSampleId :
PIT-01

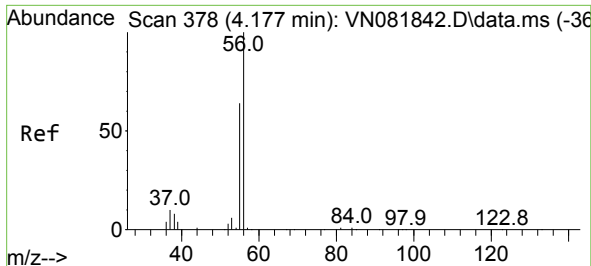
Tgt Ion: 94 Resp: 1085
Ion Ratio Lower Upper
94 100
96 97.9 74.8 112.2



#6
Chloroethane
Concen: 0.383 ug/l
RT: 3.095 min Scan# 194
Delta R.T. -0.029 min
Lab File: VN081863.D
Acq: 25 Apr 2024 20:16

Tgt Ion: 64 Resp: 572
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#





#13

Acrolein

Concen: Below Cal

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN081863.D

Acq: 25 Apr 2024 20:16

Instrument :

MSVOA_N

ClientSampleId :

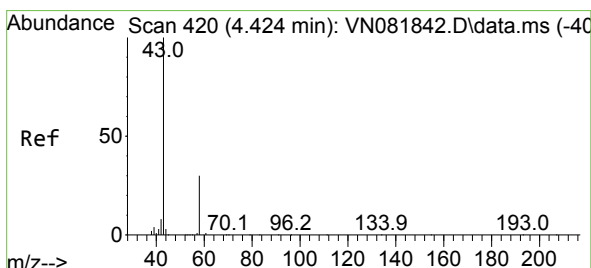
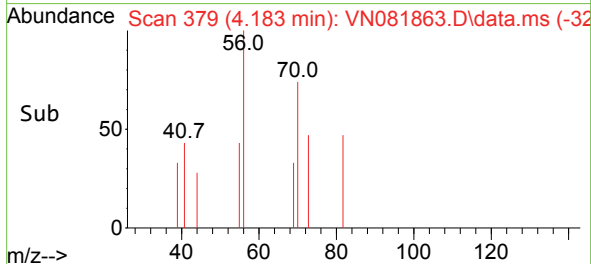
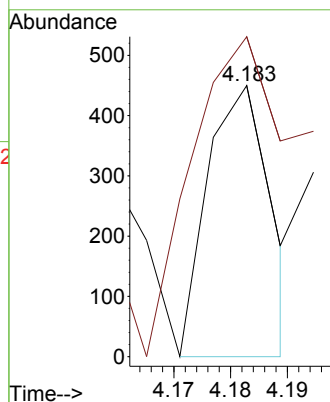
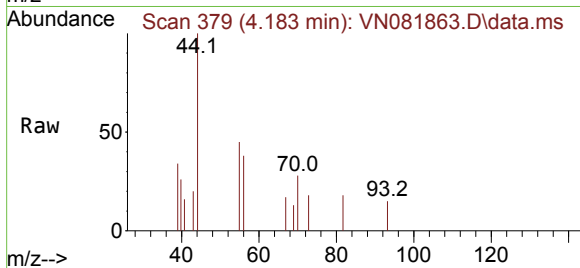
PIT-01

Tgt Ion: 56 Resp: 352

Ion Ratio Lower Upper

56 100

55 179.5 55.8 83.8#



#16

Acetone

Concen: 3.524 ug/l

RT: 4.430 min Scan# 421

Delta R.T. 0.006 min

Lab File: VN081863.D

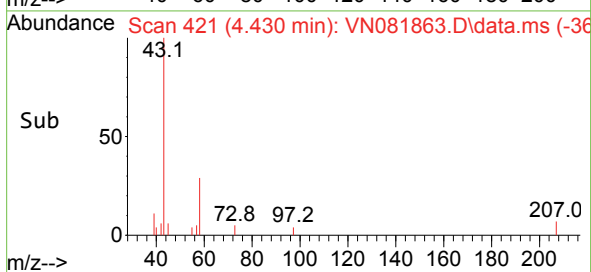
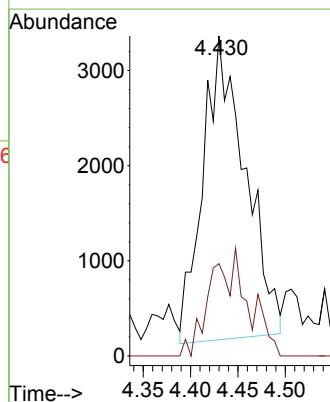
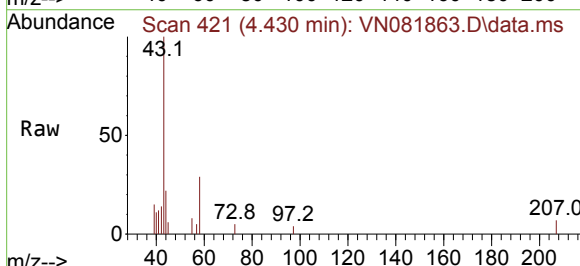
Acq: 25 Apr 2024 20:16

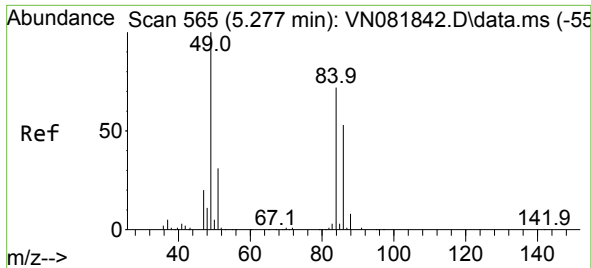
Tgt Ion: 43 Resp: 9923

Ion Ratio Lower Upper

43 100

58 31.3 25.2 37.8

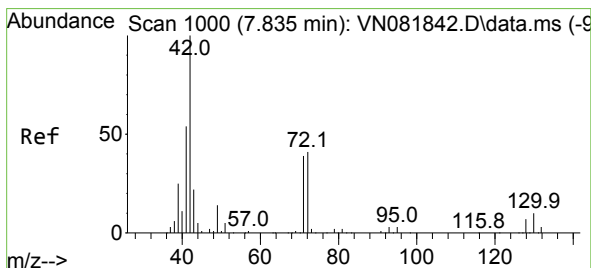
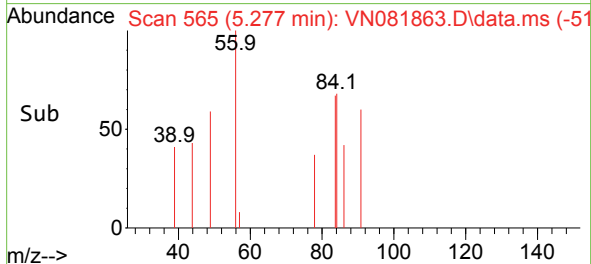
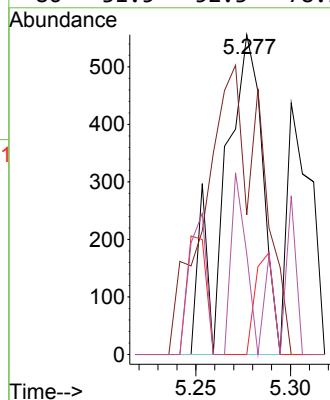
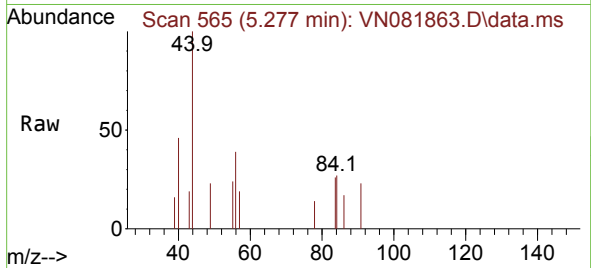




#20
Methylene Chloride
Concen: 0.245 ug/l
RT: 5.277 min Scan# 501
Delta R.T. 0.000 min
Lab File: VN081863.D
Acq: 25 Apr 2024 20:16

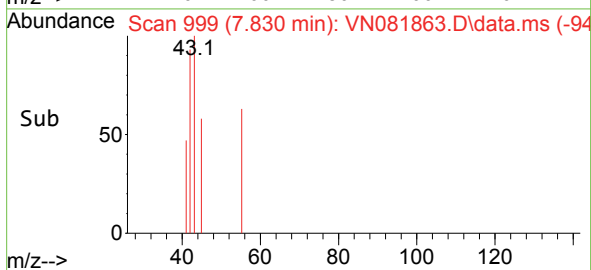
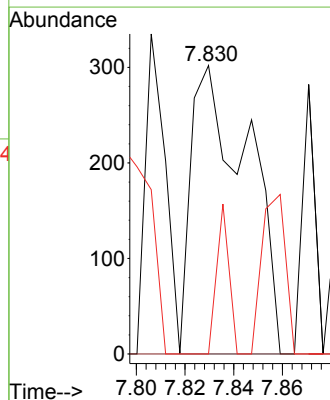
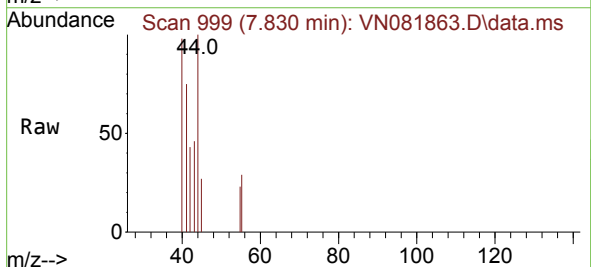
Instrument :
MSVOA_N
ClientSampleId :
PIT-01

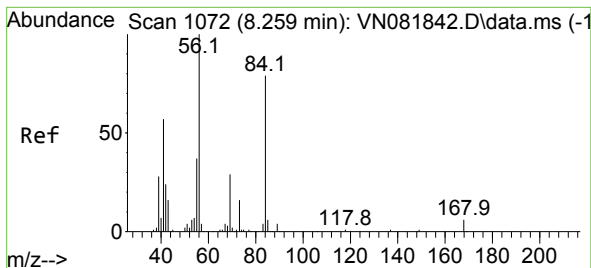
Tgt Ion:	84	Resp:	789
Ion	Ratio	Lower	Upper
84	100		
49	16.5	84.9	127.3#
51	0.0	27.0	40.6#
86	31.5	52.3	78.5#



#29
Tetrahydrofuran
Concen: 0.317 ug/l
RT: 7.830 min Scan# 999
Delta R.T. -0.006 min
Lab File: VN081863.D
Acq: 25 Apr 2024 20:16

Tgt Ion:	42	Resp:	486
Ion	Ratio	Lower	Upper
42	100		
72	0.0	39.3	58.9#
71	11.3	37.4	56.0#





#31

Cyclohexane

Concen: 1.308 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN081863.D

Acq: 25 Apr 2024 20:16

Instrument :

MSVOA_N

ClientSampleId :

PIT-01

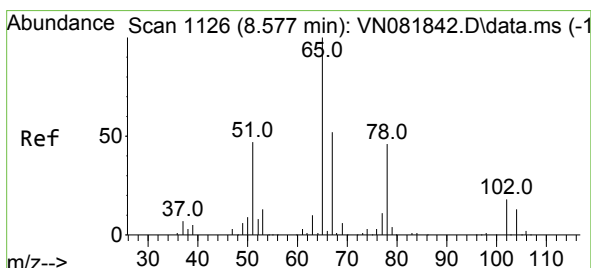
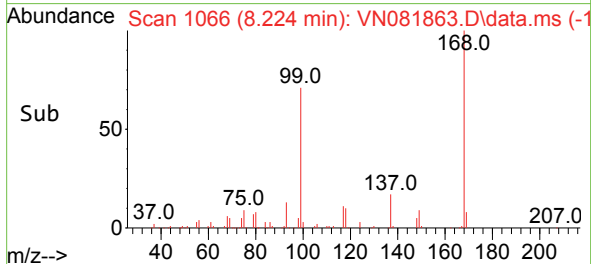
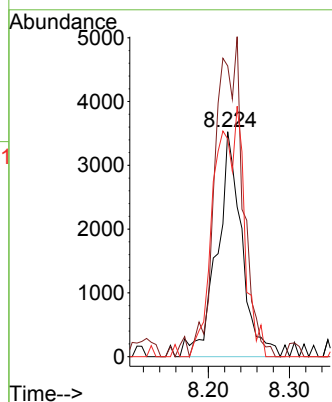
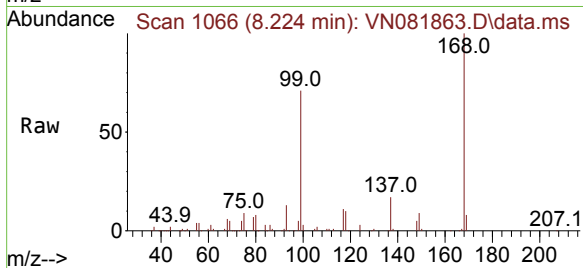
Tgt Ion: 56 Resp: 7418

Ion Ratio Lower Upper

56 100

69 129.2 24.4 36.6#

84 102.3 77.0 115.4



#33

1,2-Dichloroethane-d4

Concen: 46.797 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081863.D

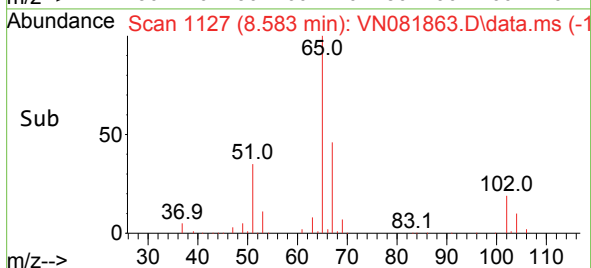
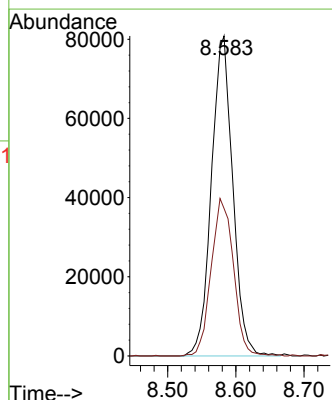
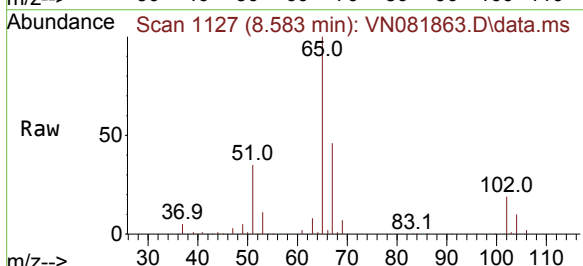
Acq: 25 Apr 2024 20:16

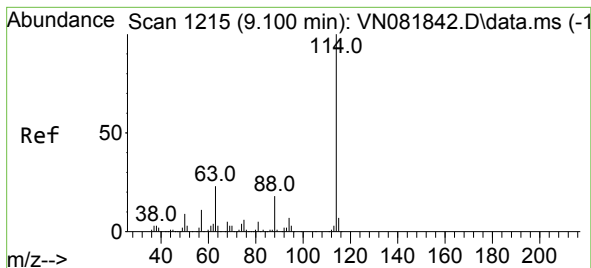
Tgt Ion: 65 Resp: 176152

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081863.D

Acq: 25 Apr 2024 20:16

Instrument :

MSVOA_N

ClientSampleId :

PIT-01

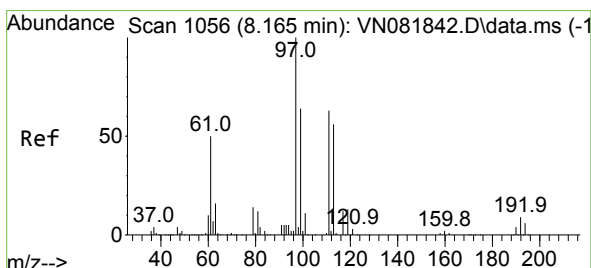
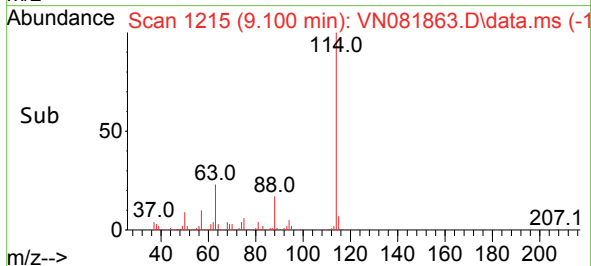
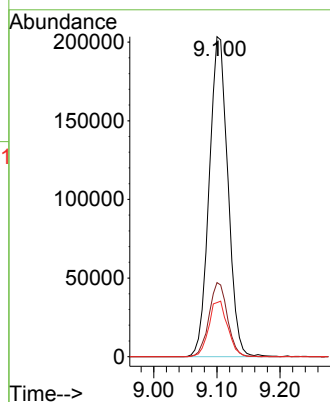
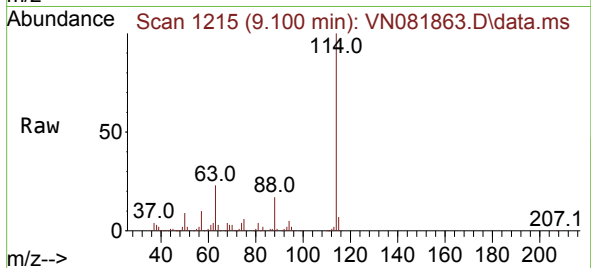
Tgt Ion:114 Resp: 417928

Ion Ratio Lower Upper

114 100

63 23.1 0.0 41.0

88 16.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.683 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081863.D

Acq: 25 Apr 2024 20:16

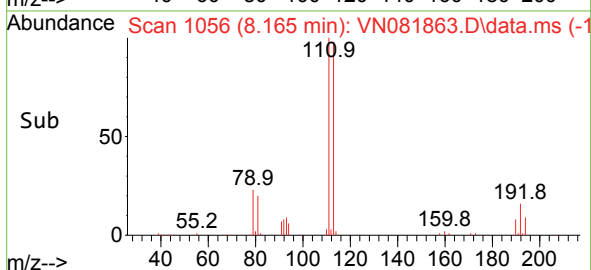
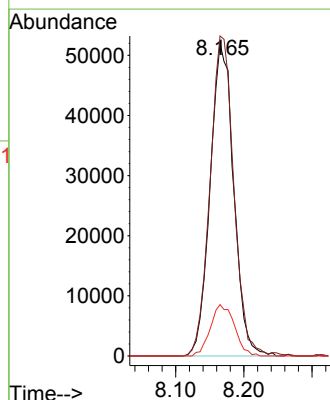
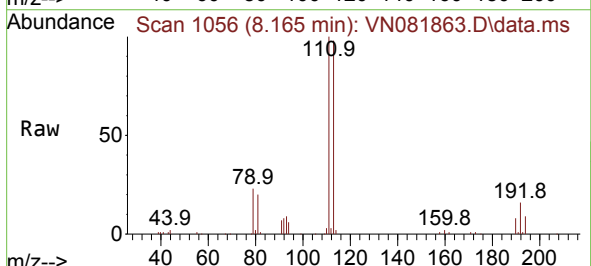
Tgt Ion:113 Resp: 125016

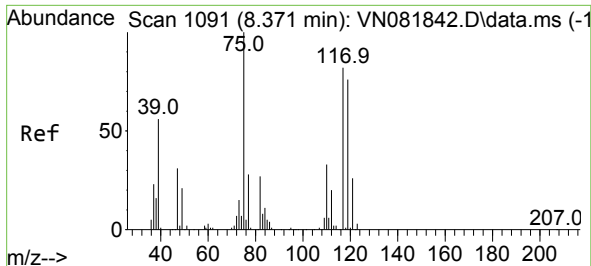
Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.2

192 16.8 14.0 21.0





#36

1,1-Dichloropropene

Concen: 5.432 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN081863.D

Acq: 25 Apr 2024 20:16

Instrument :

MSVOA_N

ClientSampleId :

PIT-01

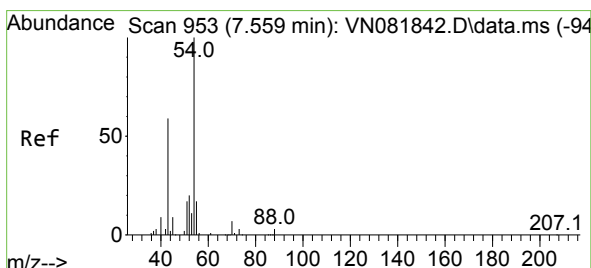
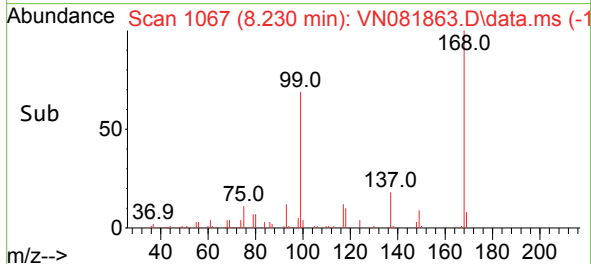
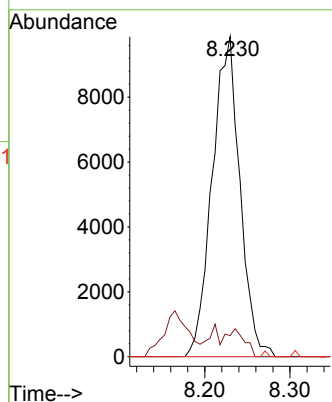
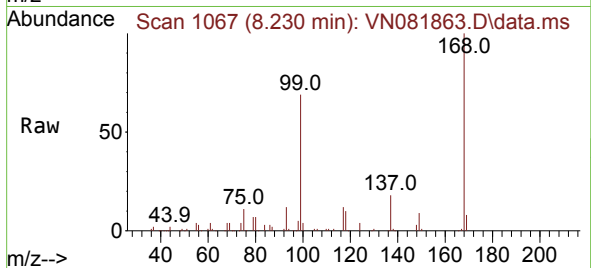
Tgt Ion: 75 Resp: 22237

Ion Ratio Lower Upper

75 100

110 3.8 17.8 53.5#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 0.207 ug/l

RT: 7.571 min Scan# 955

Delta R.T. 0.012 min

Lab File: VN081863.D

Acq: 25 Apr 2024 20:16

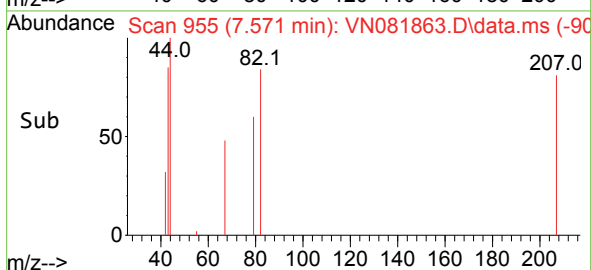
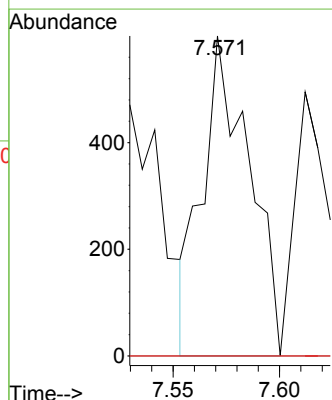
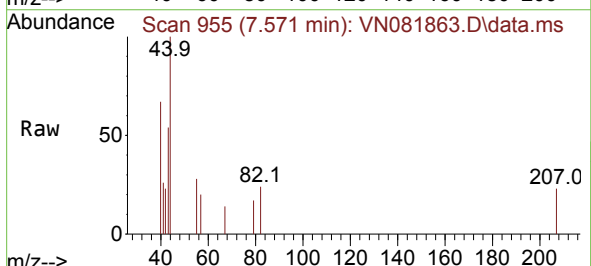
Tgt Ion: 43 Resp: 915

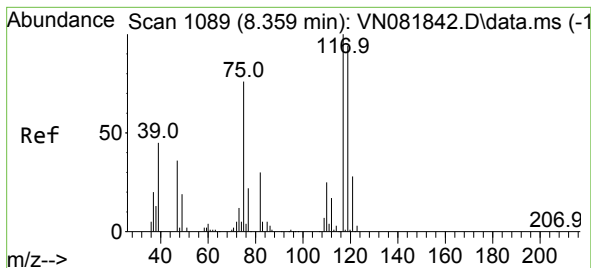
Ion Ratio Lower Upper

43 100

61 0.0 11.3 16.9#

70 0.0 8.7 13.1#





#38

Carbon Tetrachloride

Concen: 6.438 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.129 min

Lab File: VN081863.D

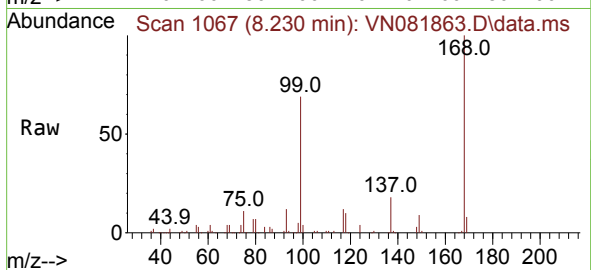
Acq: 25 Apr 2024 20:16

Instrument :

MSVOA_N

ClientSampleId :

PIT-01



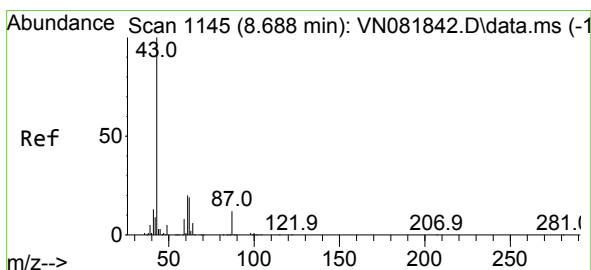
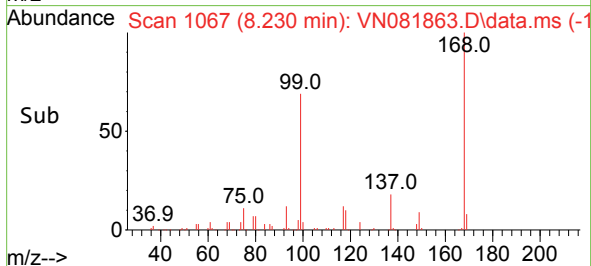
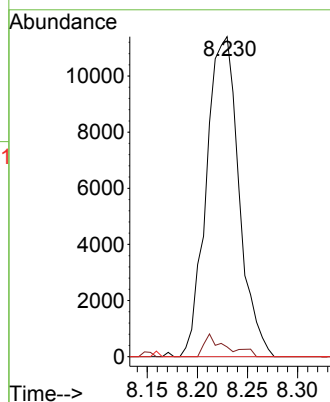
Tgt Ion:117 Resp: 25757

Ion Ratio Lower Upper

117 100

119 3.1 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 2.151 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN081863.D

Acq: 25 Apr 2024 20:16

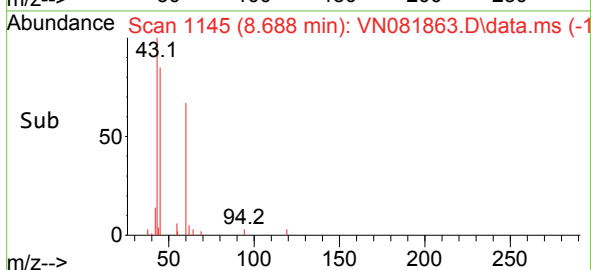
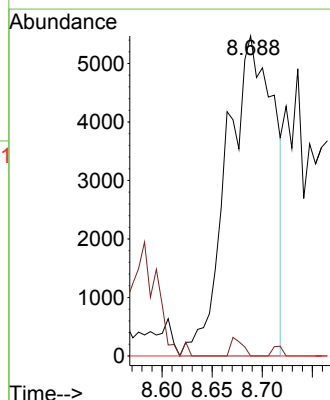
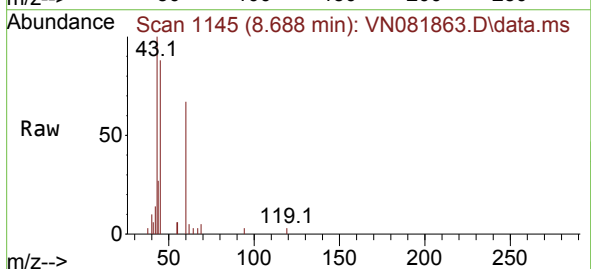
Tgt Ion: 43 Resp: 17903

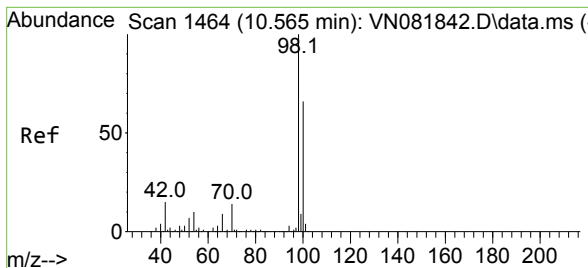
Ion Ratio Lower Upper

43 100

61 1.4 22.8 34.2#

87 0.0 12.0 18.0#





#50

Toluene-d8

Concen: 51.723 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081863.D

Acq: 25 Apr 2024 20:16

Instrument :

MSVOA_N

ClientSampleId :

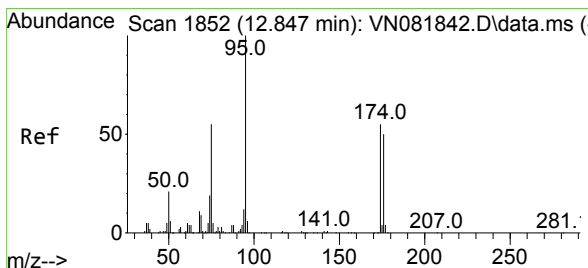
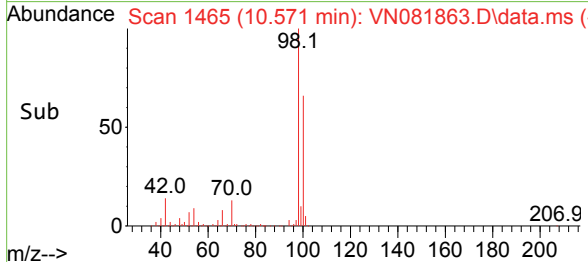
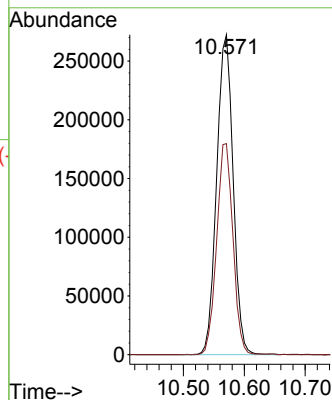
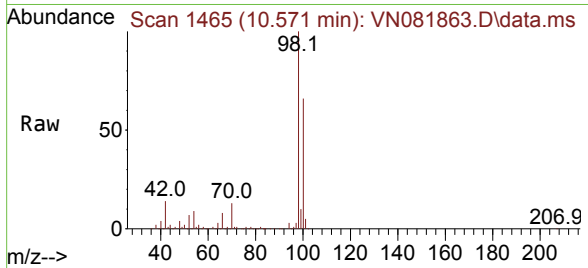
PIT-01

Tgt Ion: 98 Resp: 511151

Ion Ratio Lower Upper

98 100

100 65.2 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 46.474 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN081863.D

Acq: 25 Apr 2024 20:16

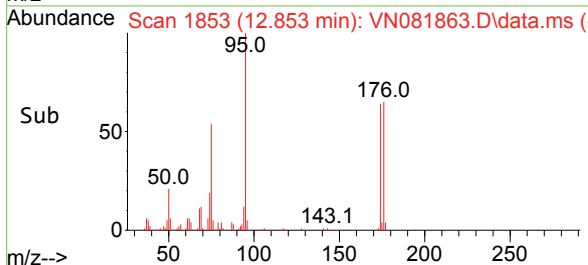
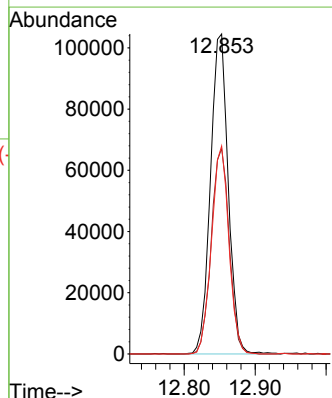
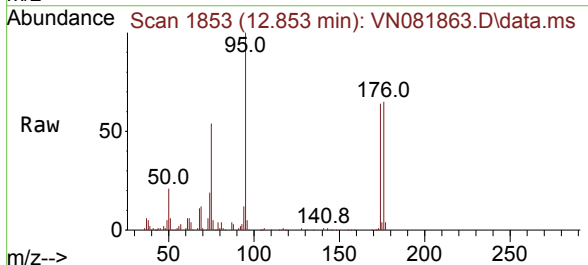
Tgt Ion: 95 Resp: 181556

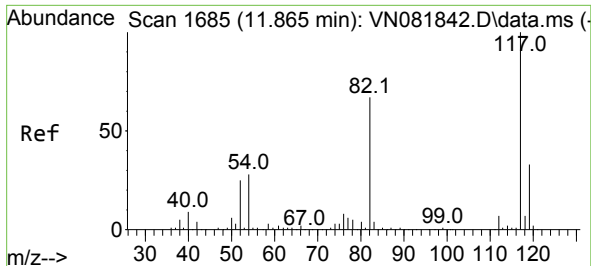
Ion Ratio Lower Upper

95 100

174 64.8 0.0 160.6

176 63.6 0.0 152.8

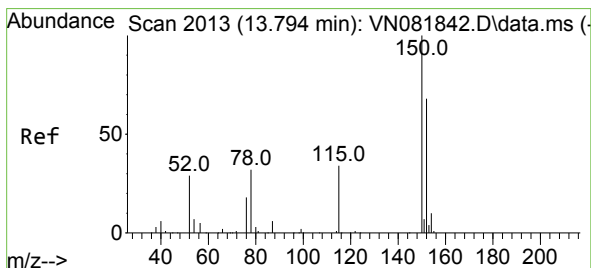
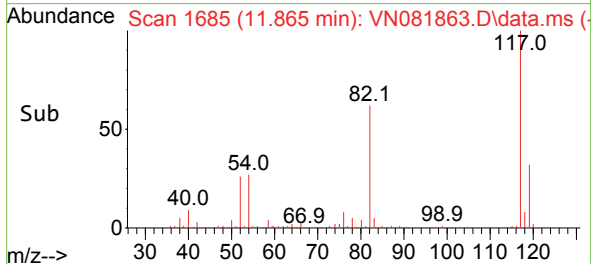
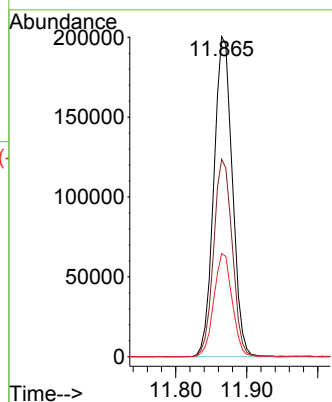
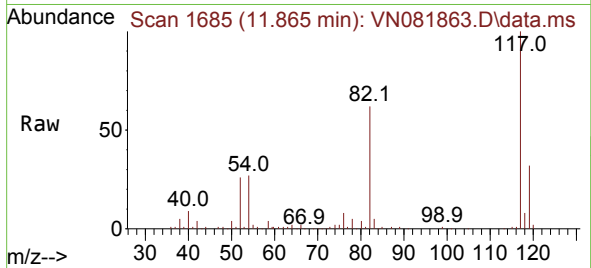




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081863.D
Acq: 25 Apr 2024 20:16

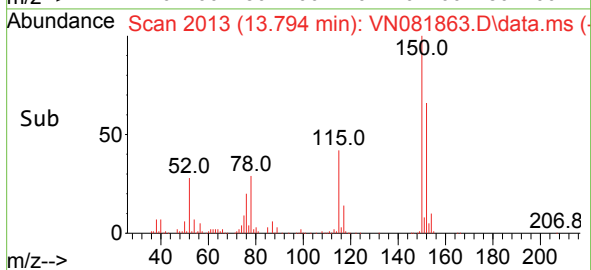
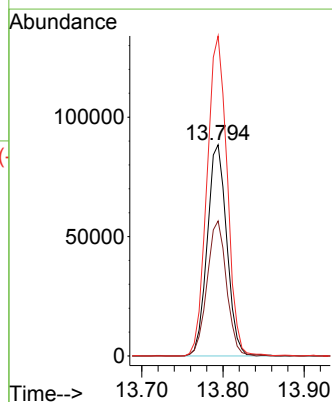
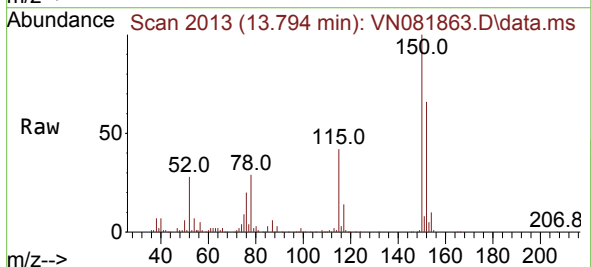
Instrument :
MSVOA_N
ClientSampleId :
PIT-01

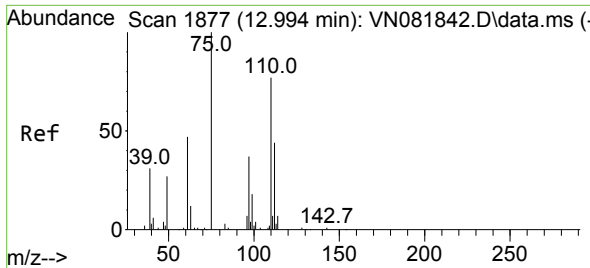
Tgt Ion:117 Resp: 361925
Ion Ratio Lower Upper
117 100
82 61.7 44.6 66.8
119 32.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081863.D
Acq: 25 Apr 2024 20:16

Tgt Ion:152 Resp: 147561
Ion Ratio Lower Upper
152 100
115 63.8 30.4 91.3
150 156.3 0.0 353.2

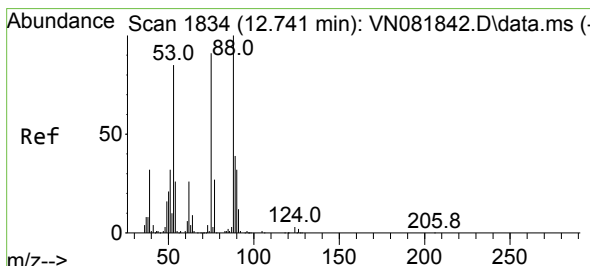
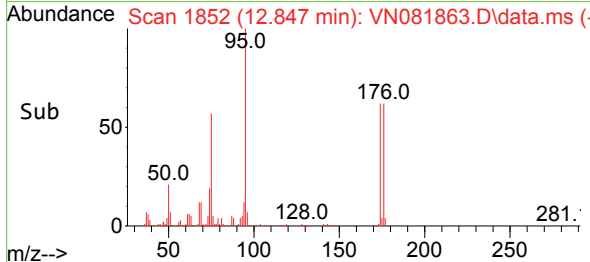
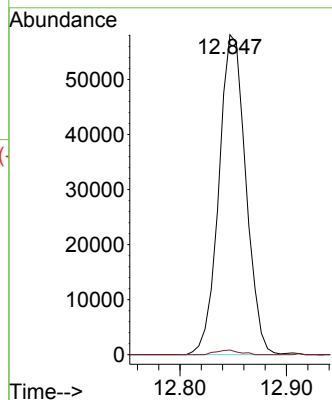
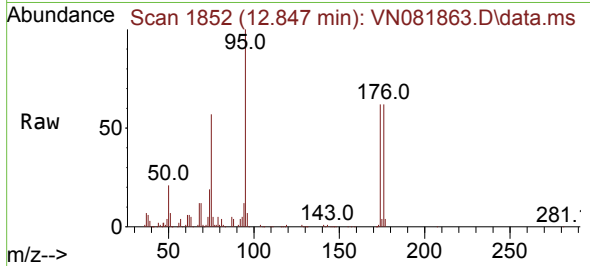




#76
1,2,3-Trichloropropane
Concen: 26.671 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081863.D
Acq: 25 Apr 2024 20:16

Instrument :
MSVOA_N
ClientSampleId :
PIT-01

Tgt Ion: 75 Resp: 102042
Ion Ratio Lower Upper
75 100
77 1.3 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.653 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN081863.D
Acq: 25 Apr 2024 20:16

Tgt Ion: 75 Resp: 102042
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

