

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)

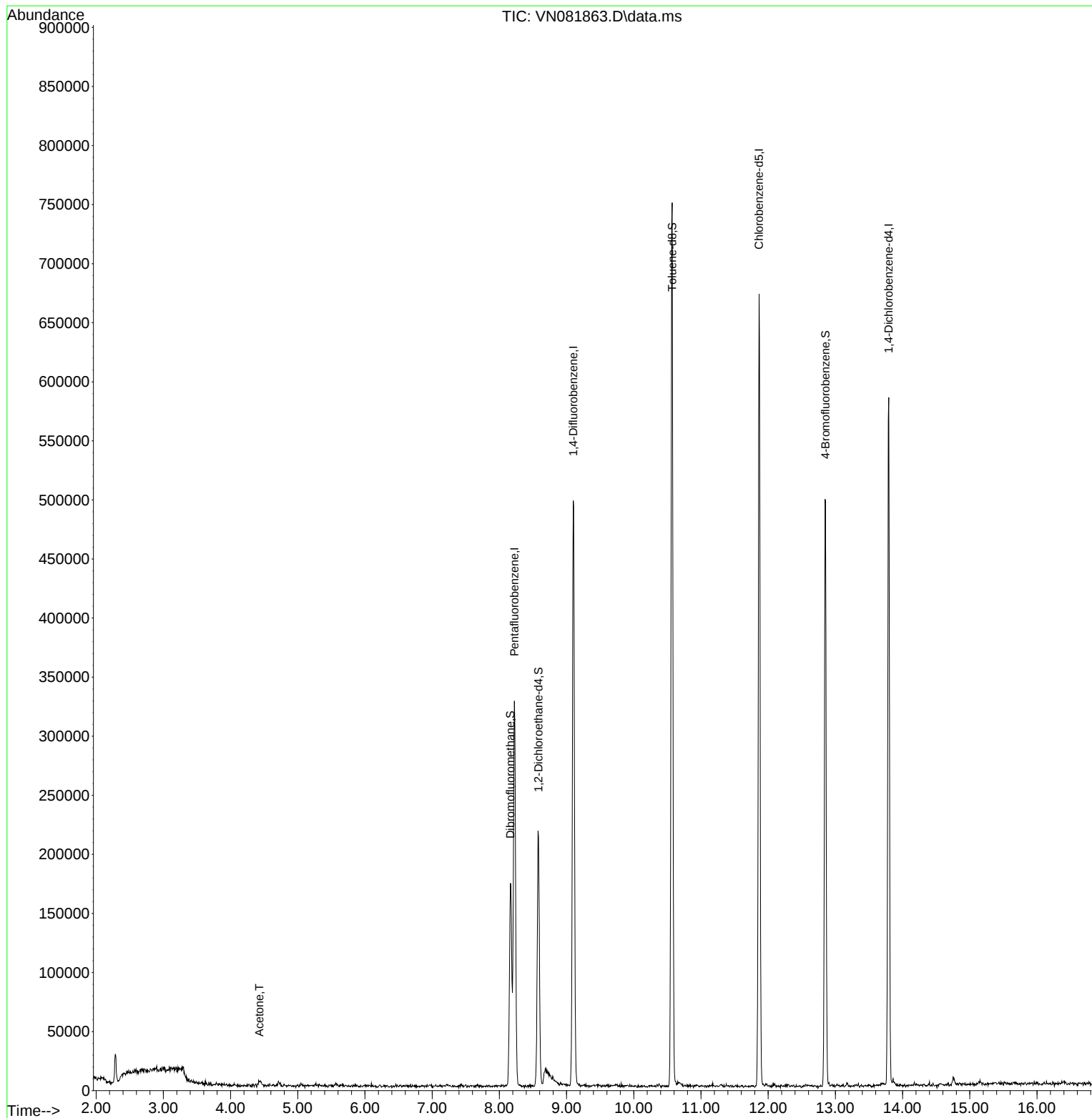
Internal Standards						
1) Pentafluorobenzene	8.224	168	223032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	417928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	361925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	147561	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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						
16) Acetone	4.430	43	9923	3.524	ug/l	Qvalue 100

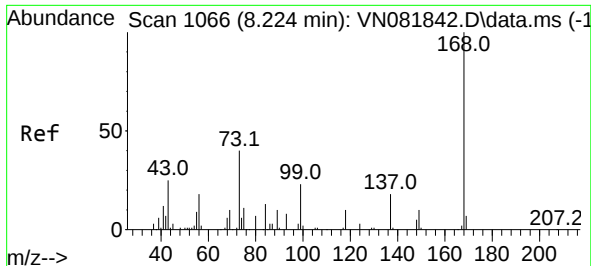
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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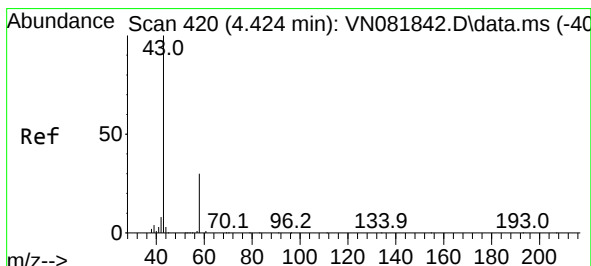
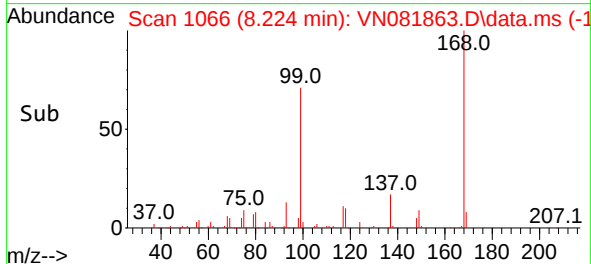
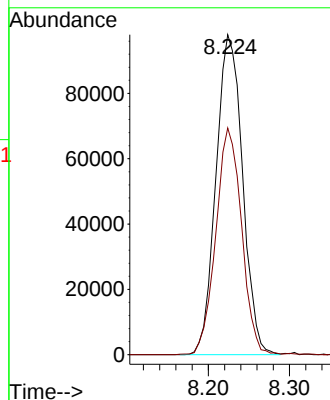
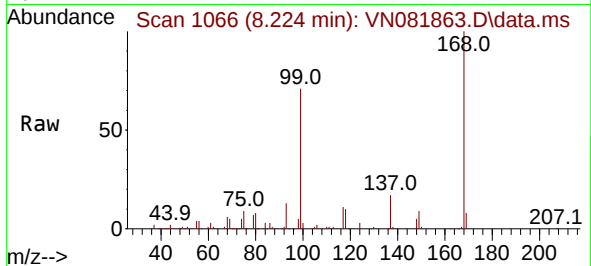




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081863.D
Acq: 25 Apr 2024 20:16

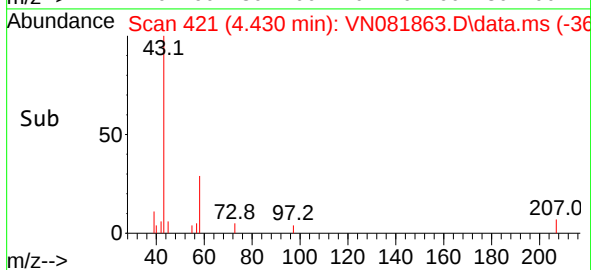
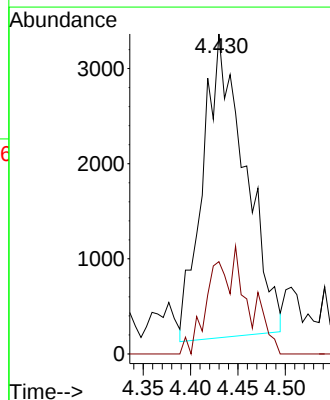
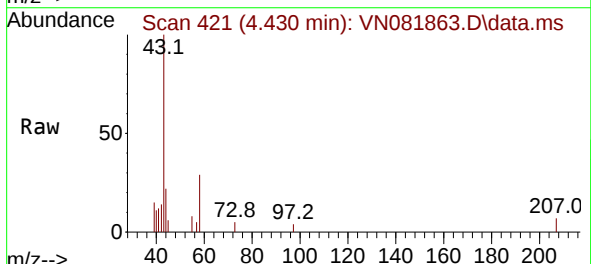
Instrument :
MSVOA_N
ClientSampleId :
PIT-01

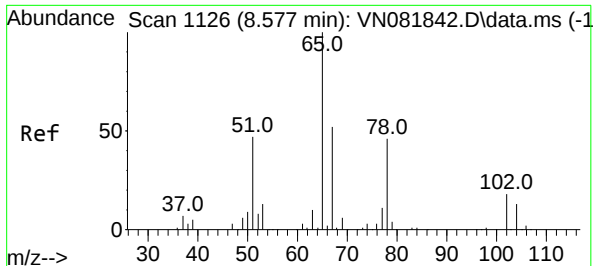
Tgt Ion:168 Resp: 223032
Ion Ratio Lower Upper
168 100
99 70.7 48.2 72.4



#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





#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

Instrument :

MSVOA_N

ClientSampleId :

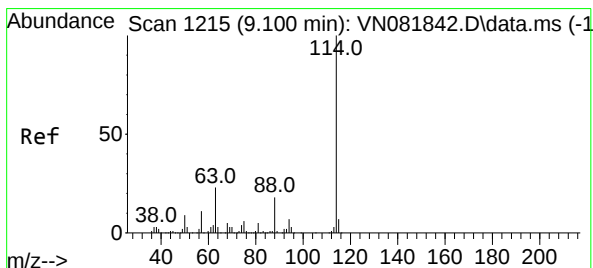
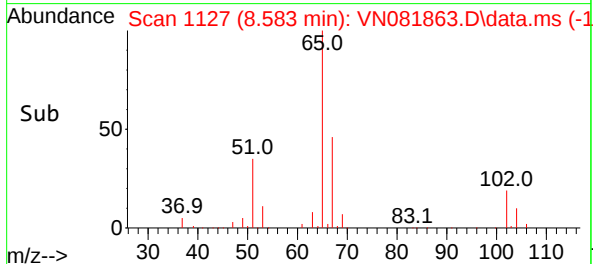
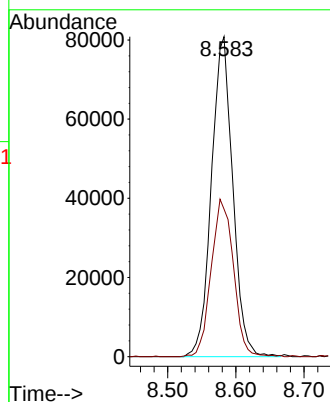
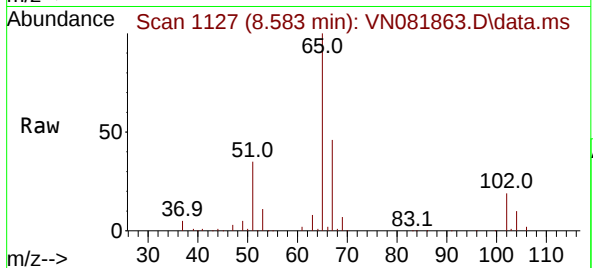
PIT-01

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# 1215

Delta R.T. 0.000 min

Lab File: VN081863.D

Acq: 25 Apr 2024 20:16

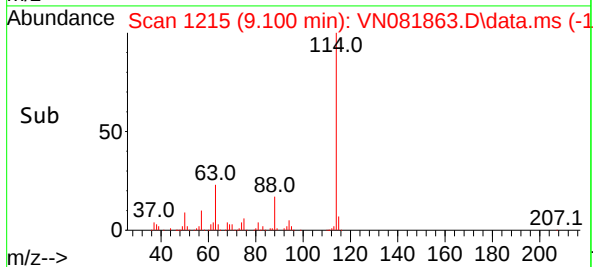
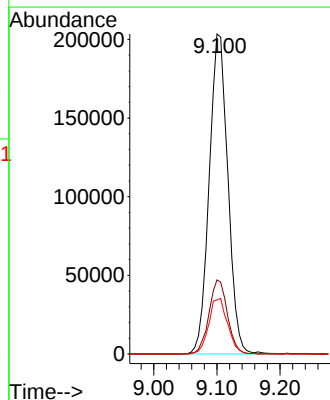
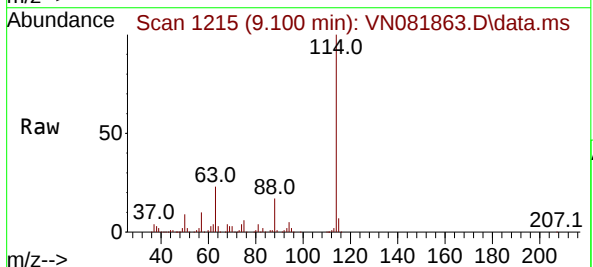
Tgt Ion: 114 Resp: 417928

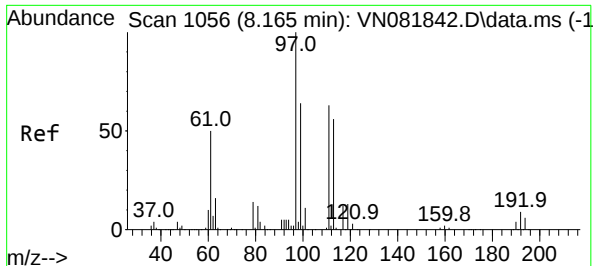
Ion Ratio Lower Upper

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# 1

Delta R.T. 0.000 min

Lab File: VN081863.D

Acq: 25 Apr 2024 20:16

Instrument :

MSVOA_N

ClientSampleId :

PIT-01

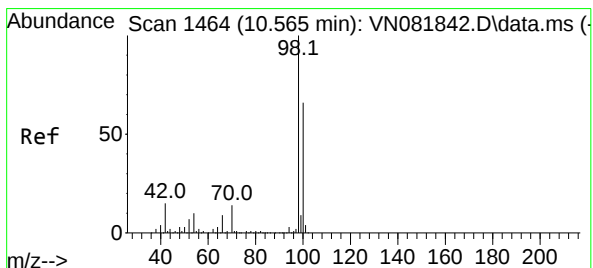
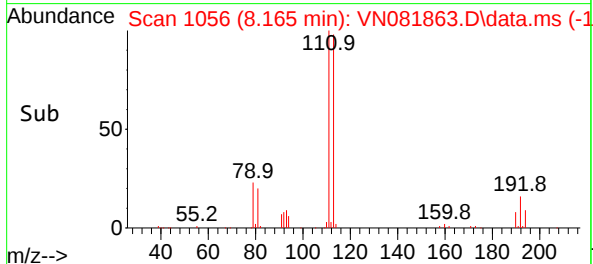
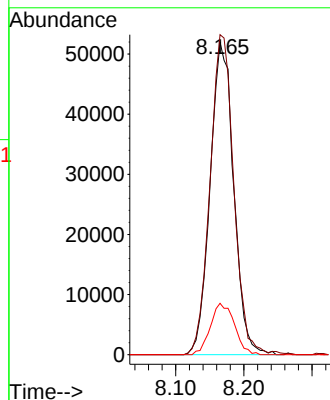
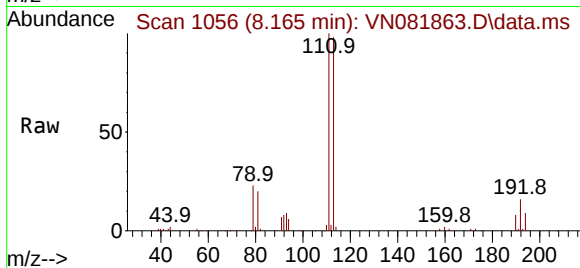
Tgt Ion:113 Resp: 125016

Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.2

192 16.8 14.0 21.0



#50

Toluene-d8

Concen: 51.723 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081863.D

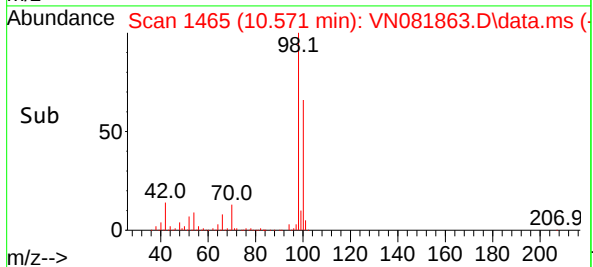
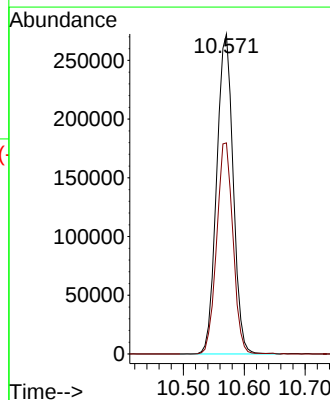
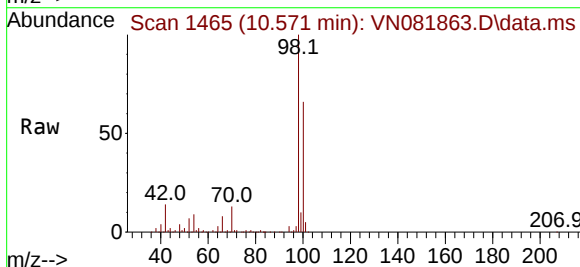
Acq: 25 Apr 2024 20:16

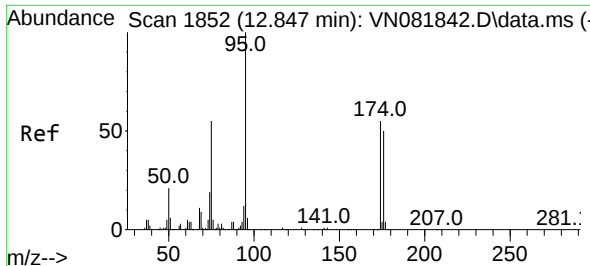
Tgt Ion: 98 Resp: 511151

Ion Ratio Lower Upper

98 100

100 65.2 51.8 77.6

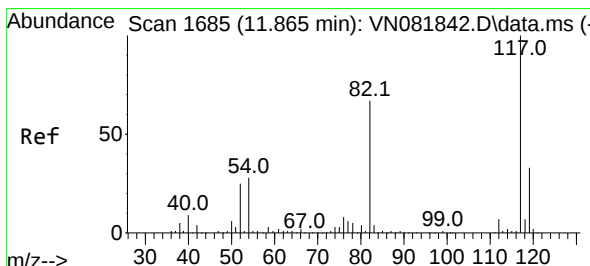
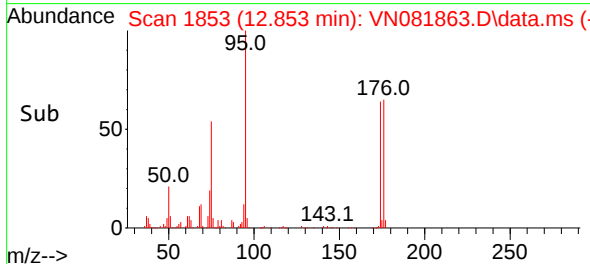
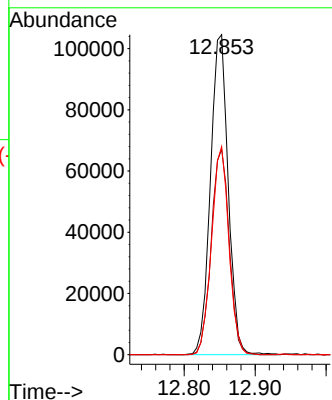
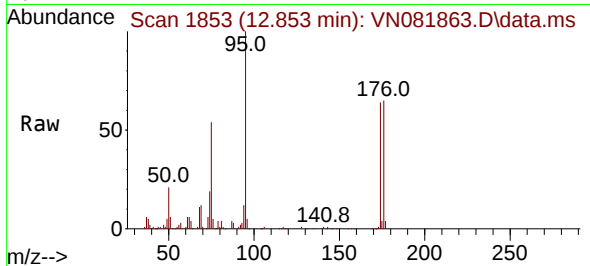




#62
4-Bromofluorobenzene
Concen: 46.474 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081863.D
Acq: 25 Apr 2024 20:16

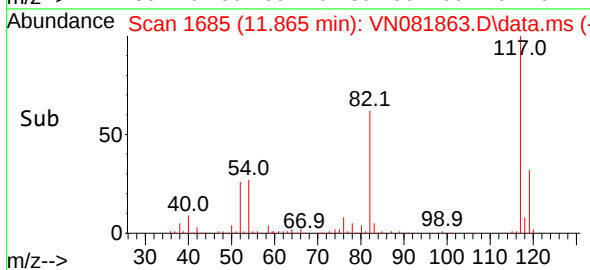
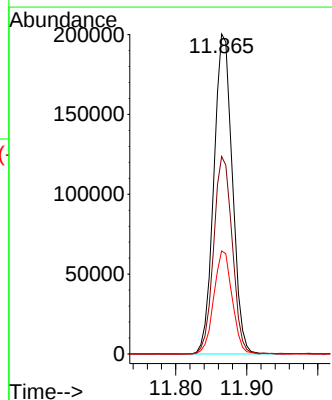
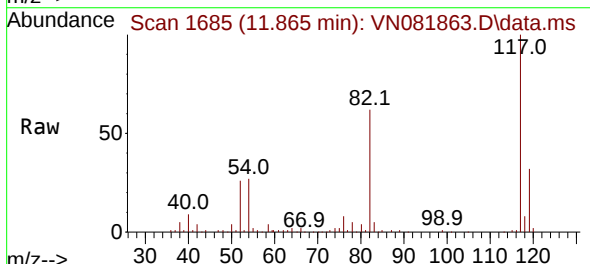
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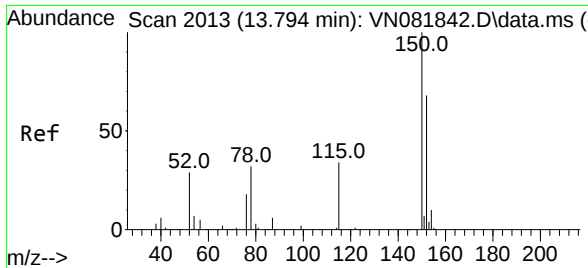
Tgt Ion: 95 Resp: 181556
Ion Ratio Lower Upper
95 100
174 64.8 0.0 160.6
176 63.6 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081863.D
Acq: 25 Apr 2024 20:16

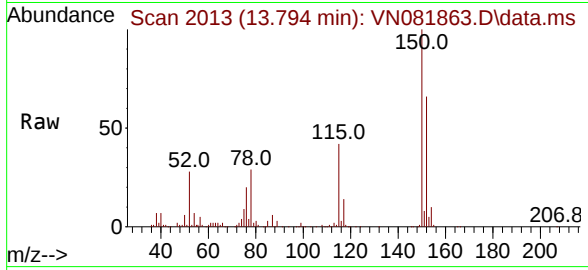
Tgt Ion: 117 Resp: 361925
Ion Ratio Lower Upper
117 100
82 61.7 44.6 66.8
119 32.2 25.9 38.9





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

Instrument :
 MSVOA_N
 ClientSampleId :
 PIT-01



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

