

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031424\
 Data File : VN081418.D
 Acq On : 14 Mar 2024 18:29
 Operator : JC\MD
 Sample : P1749-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Quant Time: Mar 15 01:16:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

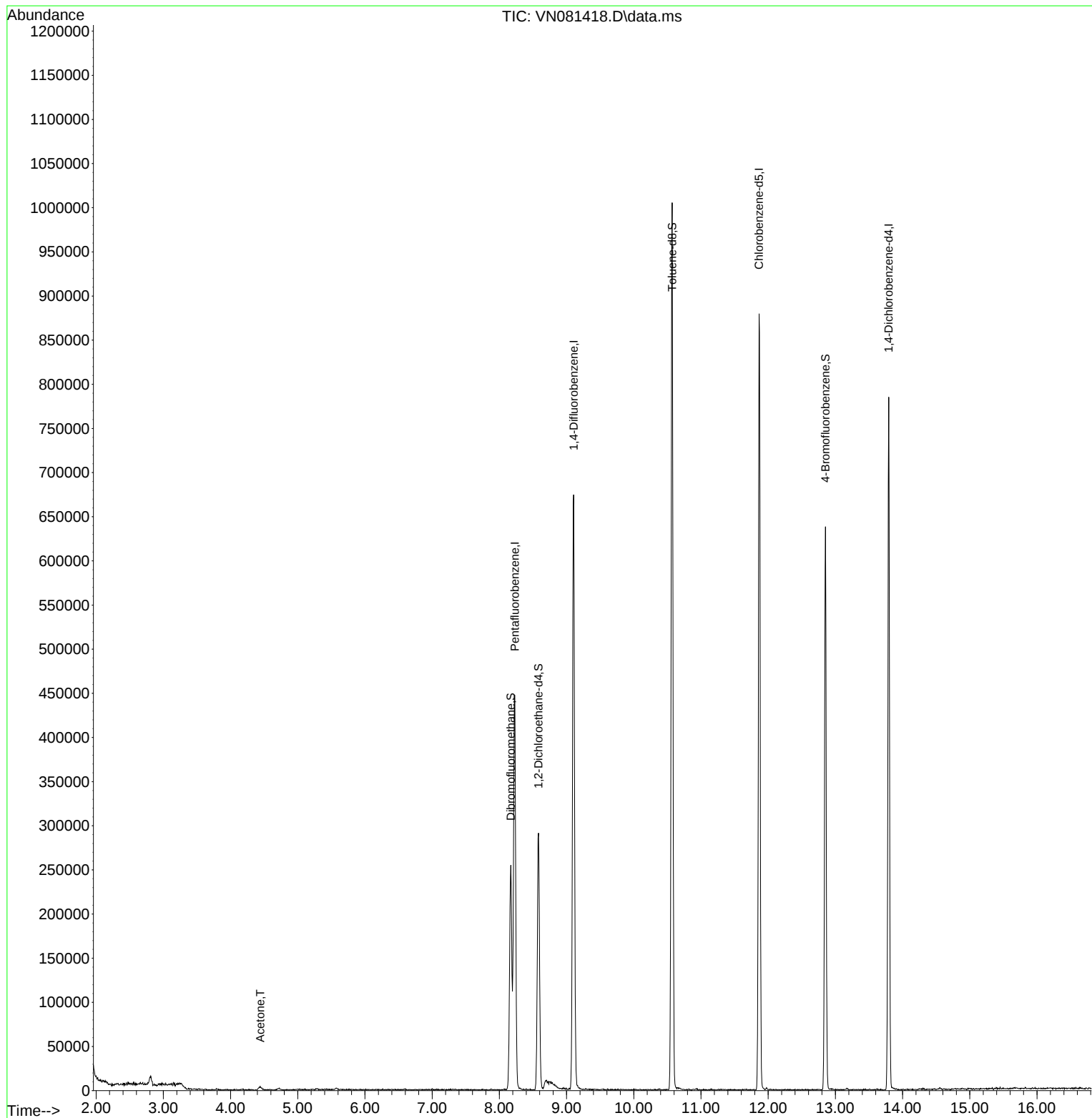
Internal Standards						
1) Pentafluorobenzene	8.230	168	307837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	563376	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	498510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	193138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	237170	53.285	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.560%
35) Dibromofluoromethane	8.171	113	180584	52.319	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.640%
50) Toluene-d8	10.571	98	670985	52.002	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.000%
62) 4-Bromofluorobenzene	12.853	95	211338	46.342	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	92.680%
Target Compounds						
						Qvalue
16) Acetone	4.442	43	5754	3.649	ug/l #	88

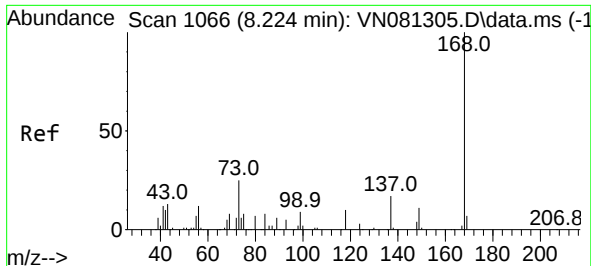
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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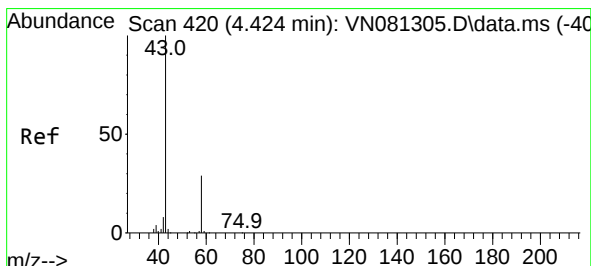
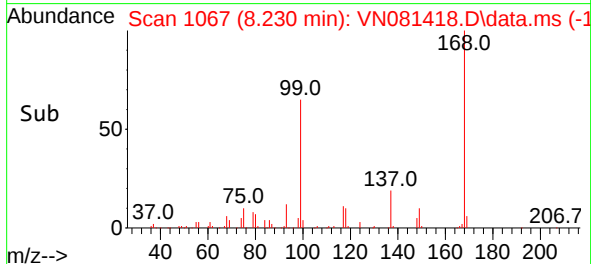
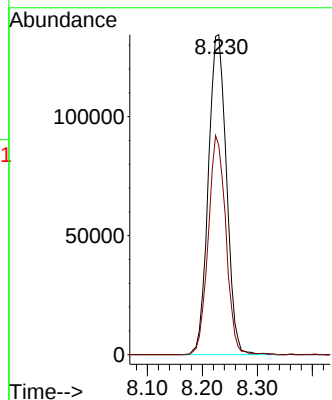
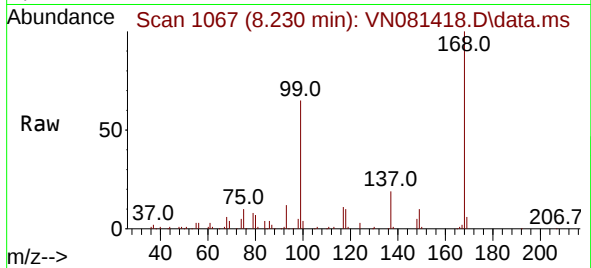




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081418.D
Acq: 14 Mar 2024 18:29

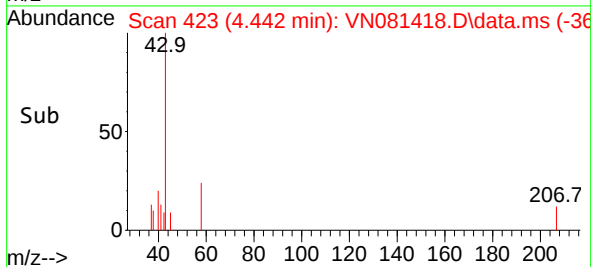
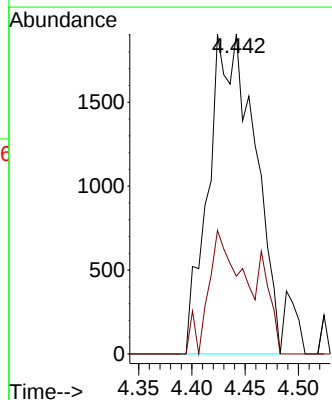
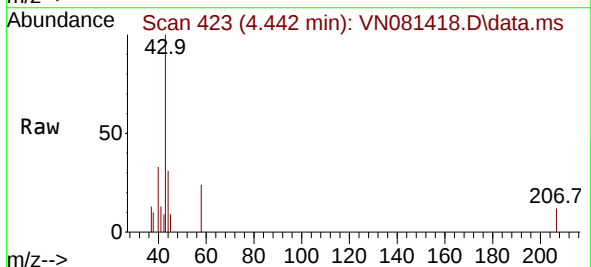
Instrument :
MSVOA_N
ClientSampleId :
MW-2

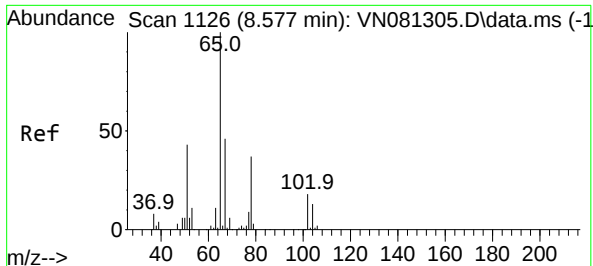
Tgt Ion:168 Resp: 307837
Ion Ratio Lower Upper
168 100
99 65.5 59.9 89.9



#16
Acetone
Concen: 3.649 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN081418.D
Acq: 14 Mar 2024 18:29

Tgt Ion: 43 Resp: 5754
Ion Ratio Lower Upper
43 100
58 24.3 24.8 37.2#





#33

1,2-Dichloroethane-d4

Concen: 53.285 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081418.D

Acq: 14 Mar 2024 18:29

Instrument :

MSVOA_N

ClientSampleId :

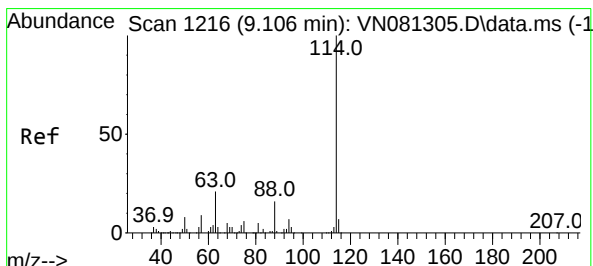
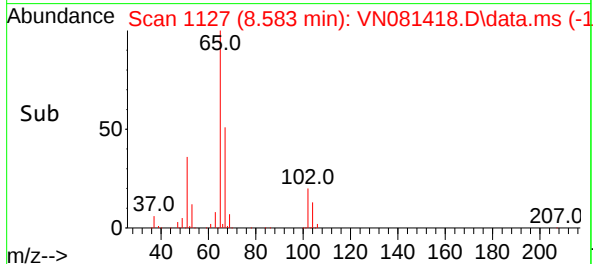
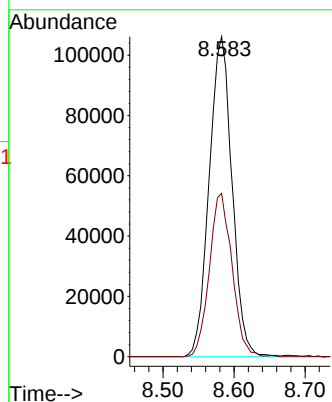
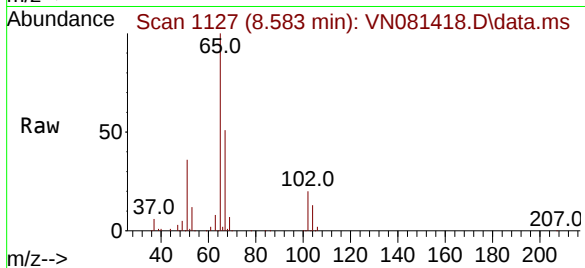
MW-2

Tgt Ion: 65 Resp: 237170

Ion Ratio Lower Upper

65 100

67 50.6 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN081418.D

Acq: 14 Mar 2024 18:29

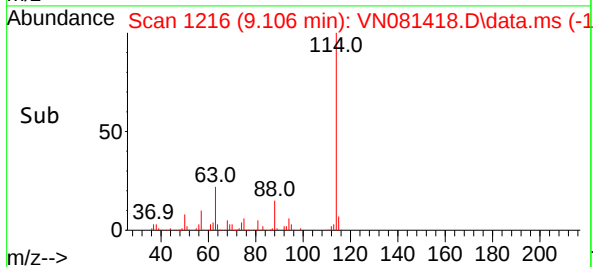
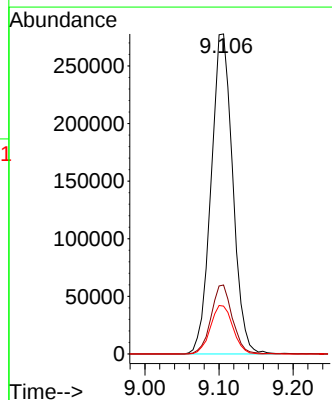
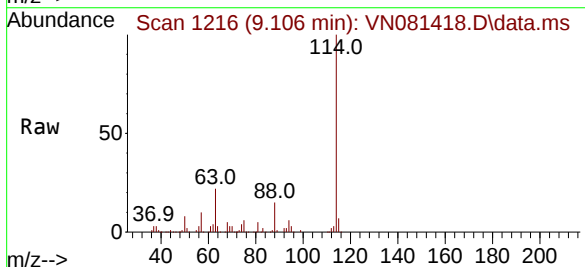
Tgt Ion: 114 Resp: 563376

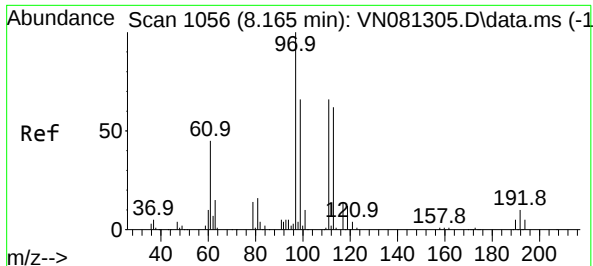
Ion Ratio Lower Upper

114 100

63 21.6 0.0 48.0

88 15.0 0.0 34.8





#35

Dibromofluoromethane

Concen: 52.319 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081418.D

Acq: 14 Mar 2024 18:29

Instrument :

MSVOA_N

ClientSampleId :

MW-2

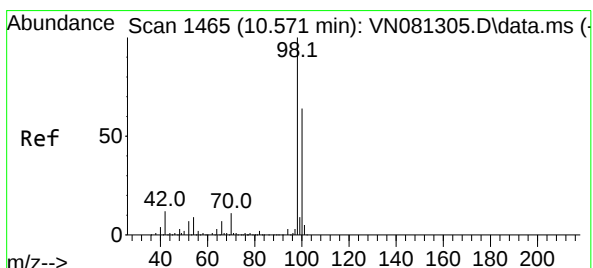
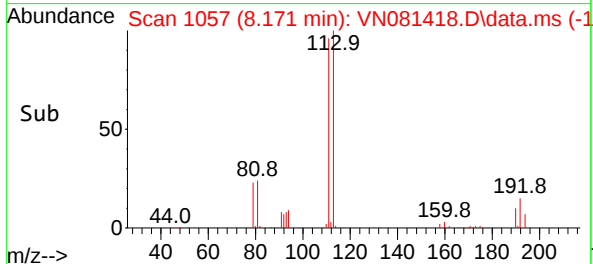
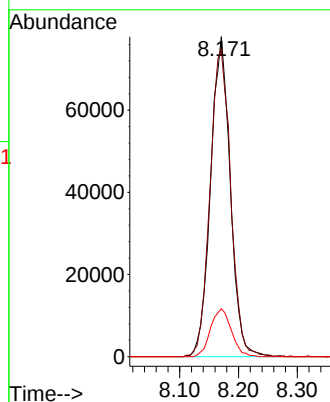
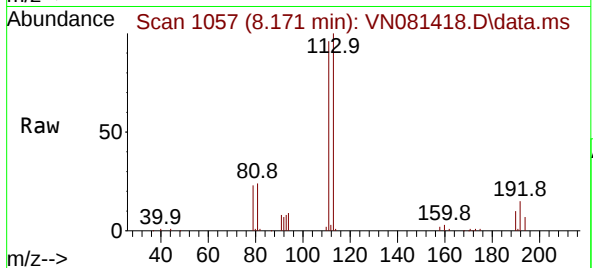
Tgt Ion:113 Resp: 180584

Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.4

192 15.9 12.5 18.7



#50

Toluene-d8

Concen: 52.002 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081418.D

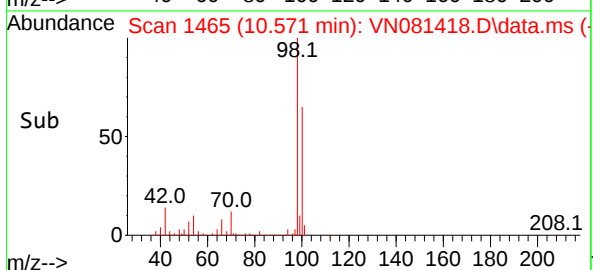
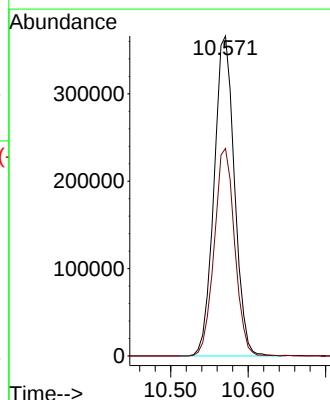
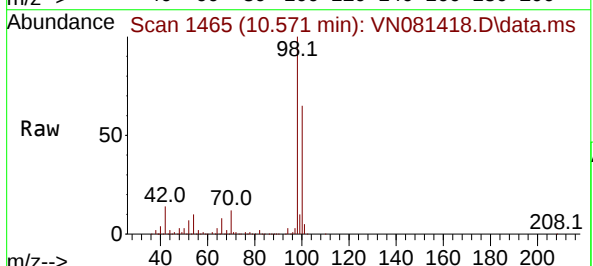
Acq: 14 Mar 2024 18:29

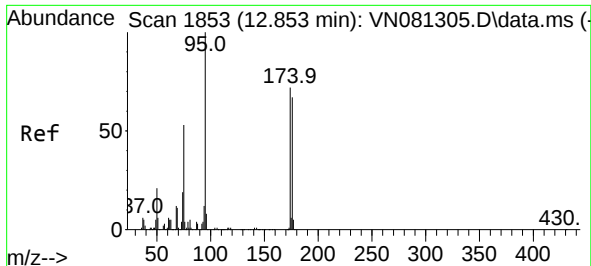
Tgt Ion: 98 Resp: 670985

Ion Ratio Lower Upper

98 100

100 64.9 51.4 77.0

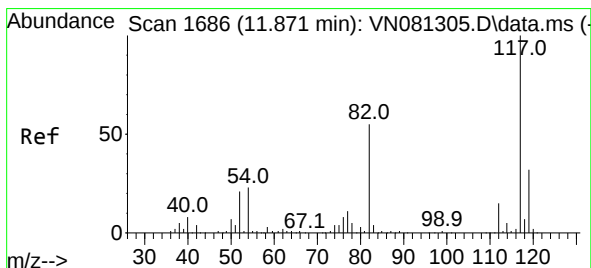
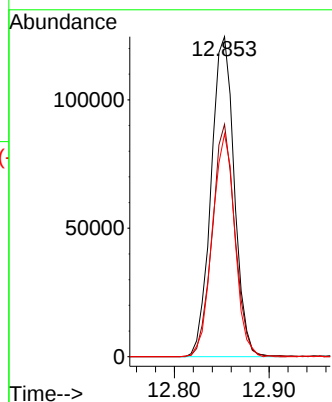
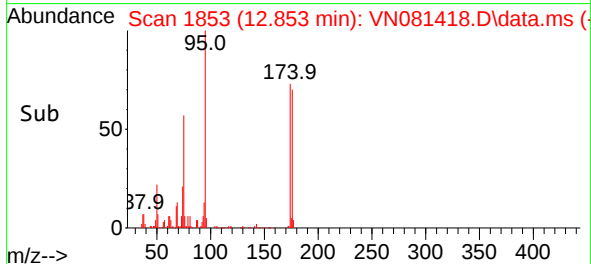
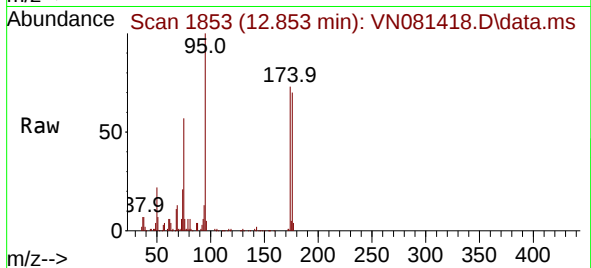




#62
4-Bromofluorobenzene
Concen: 46.342 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081418.D
Acq: 14 Mar 2024 18:29

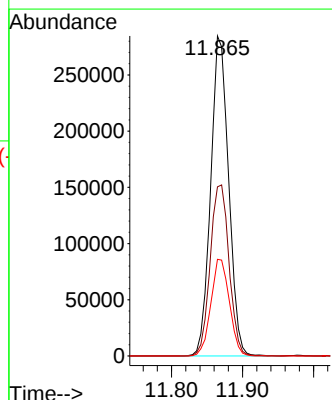
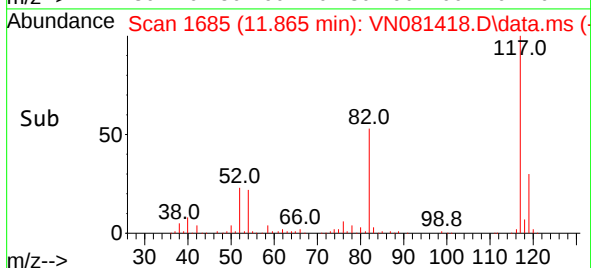
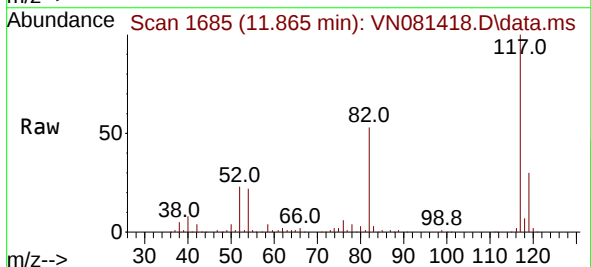
Instrument :
MSVOA_N
ClientSampleId :
MW-2

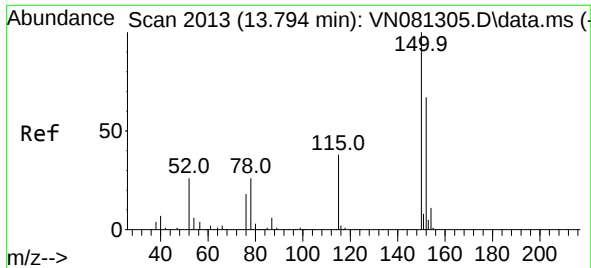
Tgt Ion: 95 Resp: 211338
Ion Ratio Lower Upper
95 100
174 70.8 0.0 120.4
176 67.8 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN081418.D
Acq: 14 Mar 2024 18:29

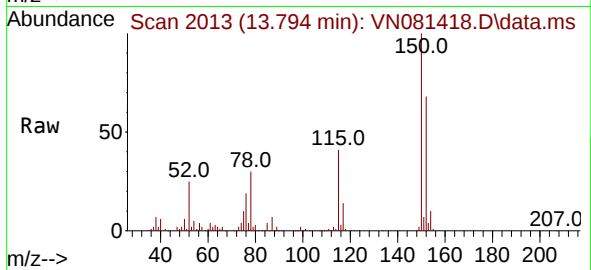
Tgt Ion: 117 Resp: 498510
Ion Ratio Lower Upper
117 100
82 52.9 52.7 79.1
119 30.2 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081418.D
 Acq: 14 Mar 2024 18:29

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2



Tgt Ion:152 Resp: 193138
 Ion Ratio Lower Upper
 152 100
 115 64.4 32.3 96.8
 150 155.4 0.0 339.8

