

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
 Data File : VN079525.D
 Acq On : 11 Oct 2023 18:24
 Operator : JC\MD
 Sample : 04833-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GW-11-12-15

Quant Time: Oct 12 06:13:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

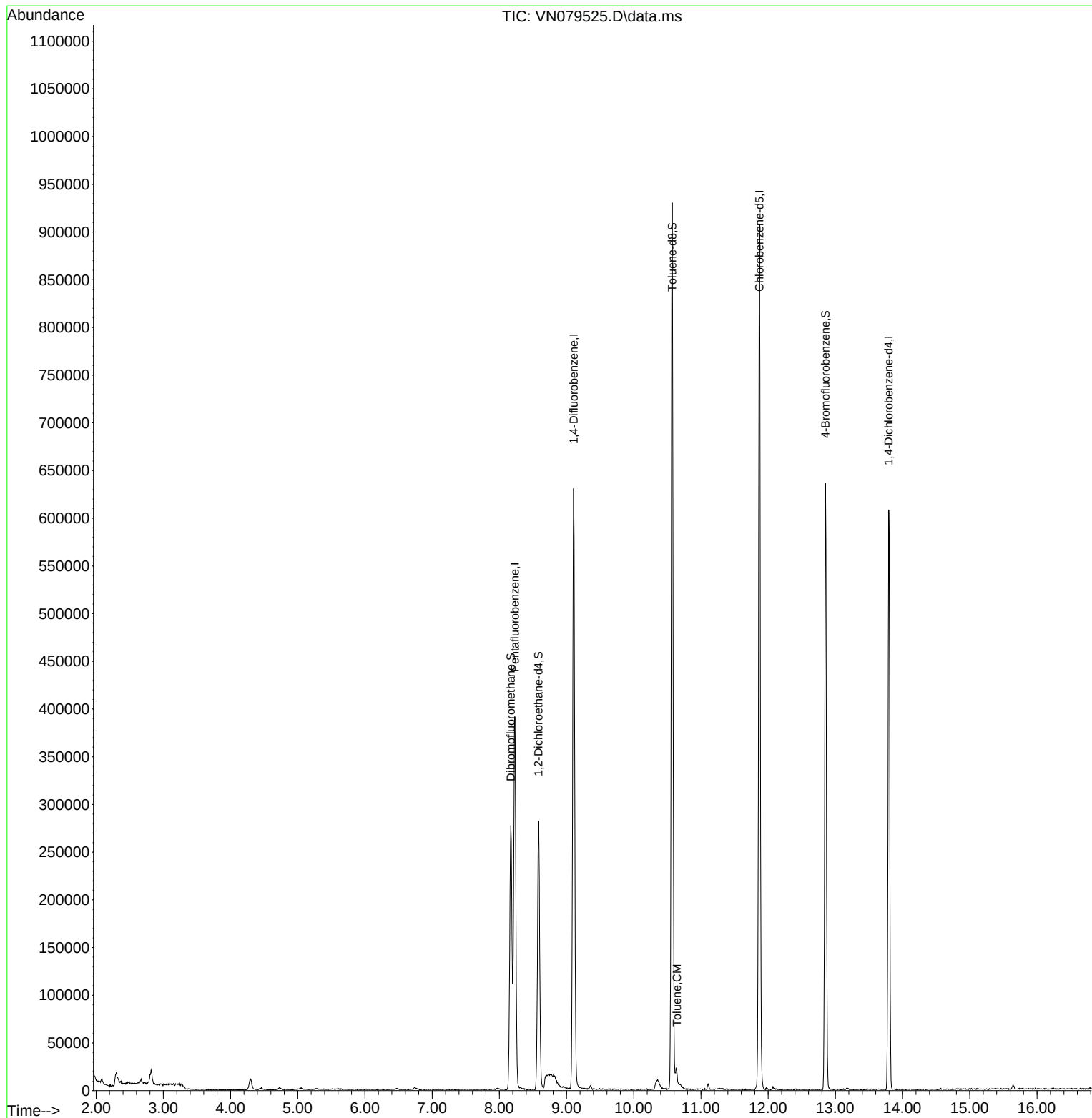
Internal Standards						
1) Pentafluorobenzene	8.230	168	277295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	545436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	501669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	157411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	227298	50.554	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.100%
35) Dibromofluoromethane	8.171	113	199315	50.850	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.700%
50) Toluene-d8	10.571	98	633762	44.686	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.380%
62) 4-Bromofluorobenzene	12.853	95	213553	46.919	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.840%
Target Compounds						Qvalue
52) Toluene	10.641	92	7360	0.716	ug/l	98

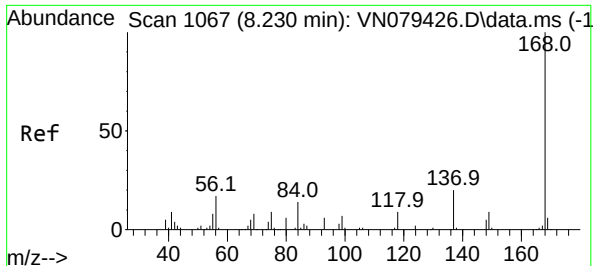
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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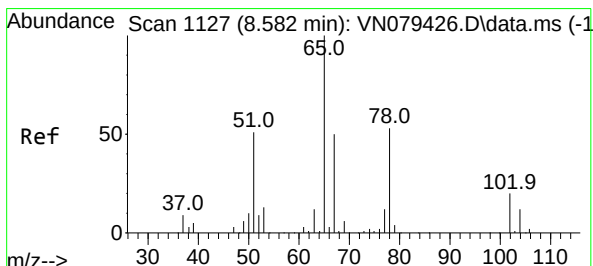
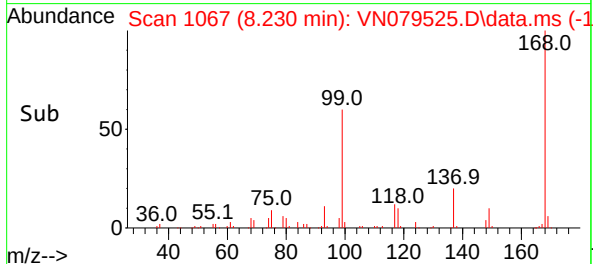
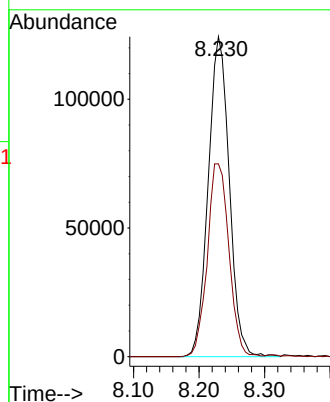
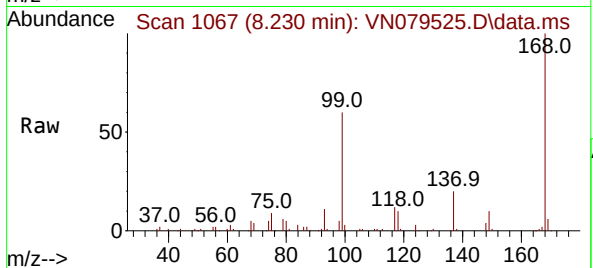




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079525.D
Acq: 11 Oct 2023 18:24

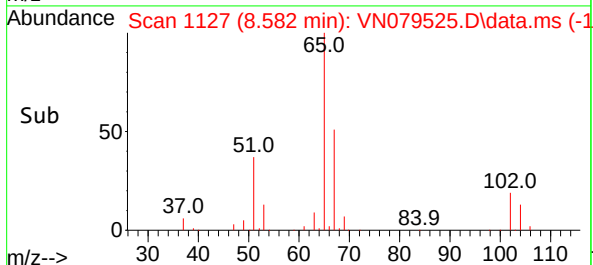
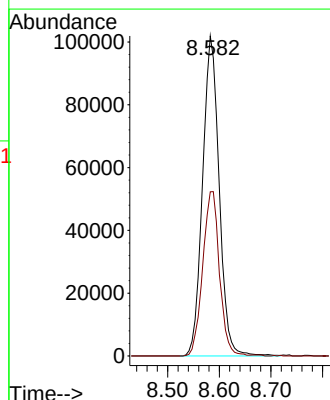
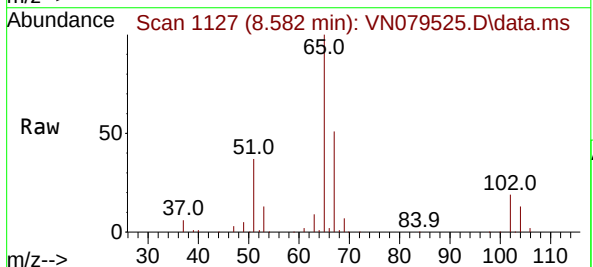
Instrument :
MSVOA_N
ClientSampleId :
GW-11-12-15

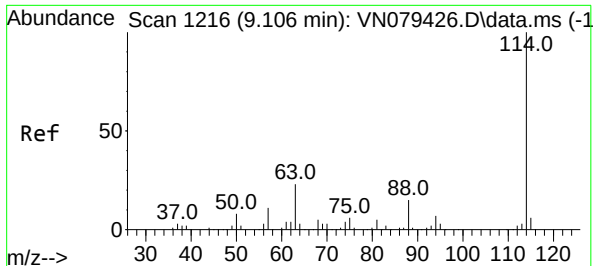
Tgt Ion:168 Resp: 277295
Ion Ratio Lower Upper
168 100
99 60.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 50.554 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079525.D
Acq: 11 Oct 2023 18:24

Tgt Ion: 65 Resp: 227298
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079525.D

Acq: 11 Oct 2023 18:24

Instrument :

MSVOA_N

ClientSampleId :

GW-11-12-15

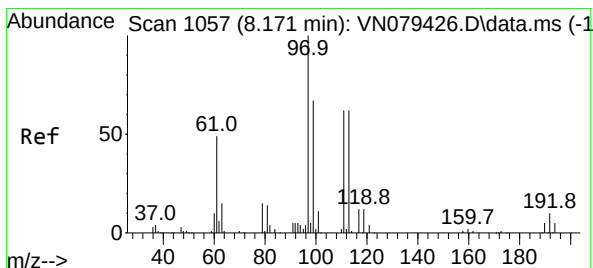
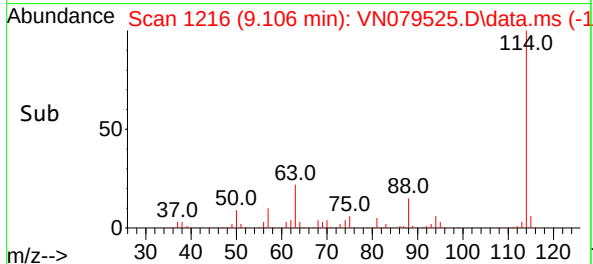
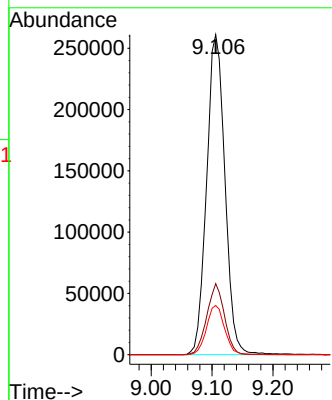
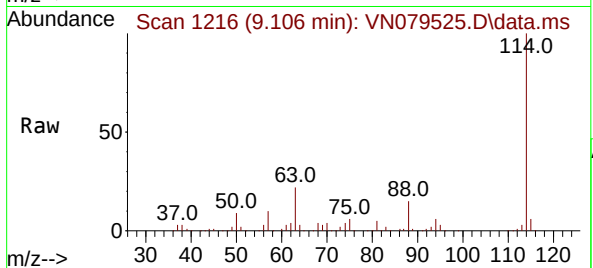
Tgt Ion:114 Resp: 545436

Ion Ratio Lower Upper

114 100

63 22.2 0.0 36.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.850 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079525.D

Acq: 11 Oct 2023 18:24

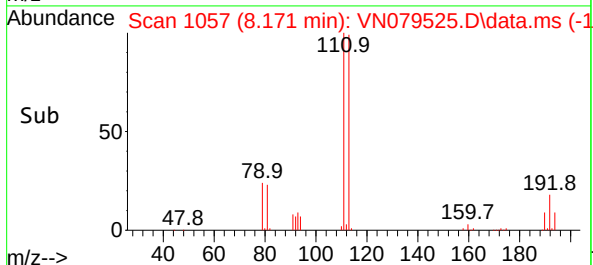
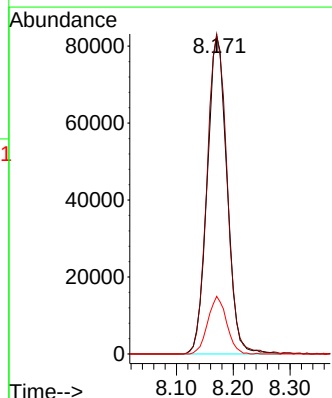
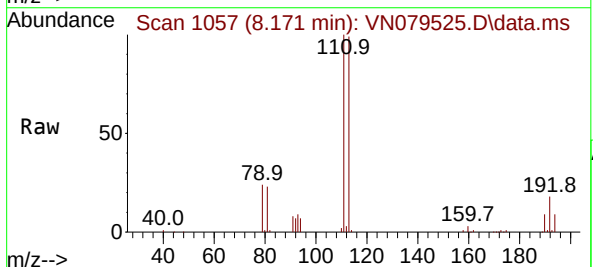
Tgt Ion:113 Resp: 199315

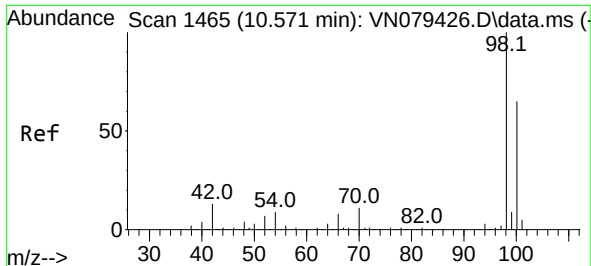
Ion Ratio Lower Upper

113 100

111 102.0 82.6 123.8

192 17.2 12.7 19.1

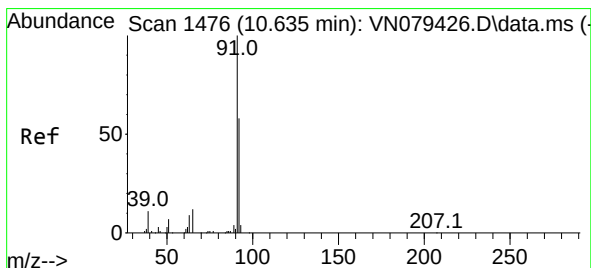
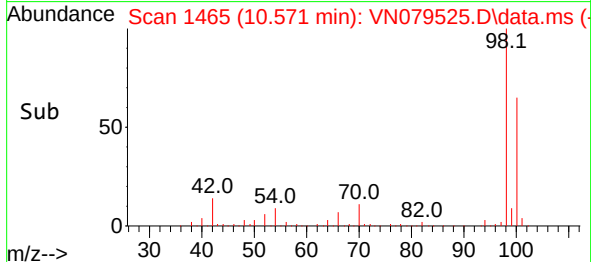
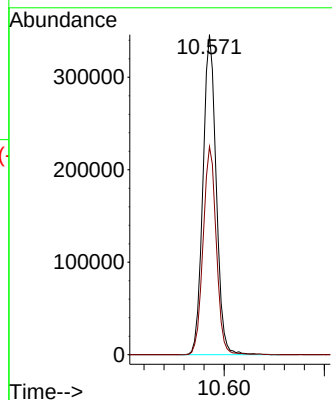
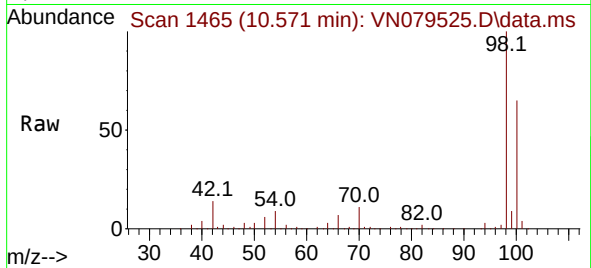




#50
Toluene-d8
Concen: 44.686 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079525.D
Acq: 11 Oct 2023 18:24

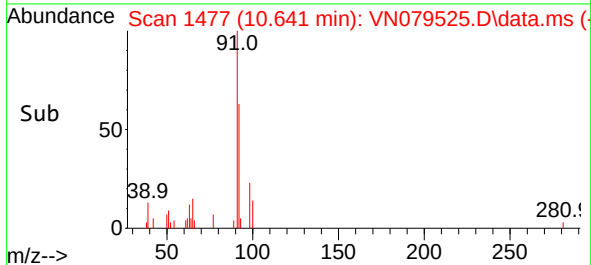
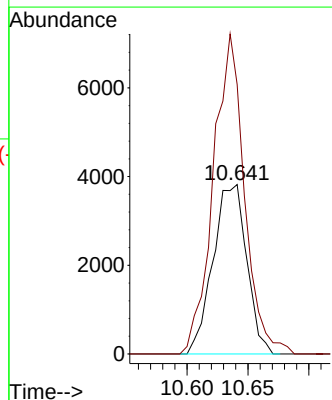
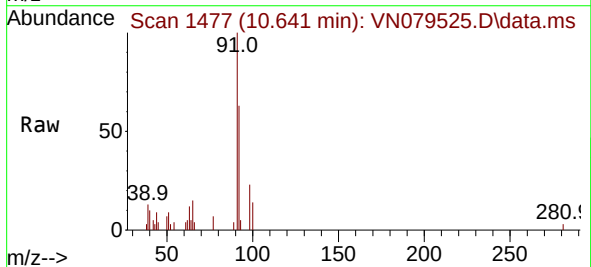
Instrument :
MSVOA_N
ClientSampleId :
GW-11-12-15

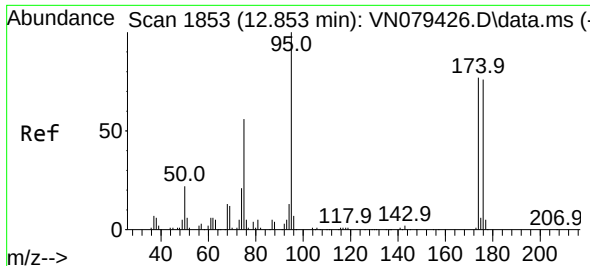
Tgt Ion: 98 Resp: 633762
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#52
Toluene
Concen: 0.716 ug/l
RT: 10.641 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VN079525.D
Acq: 11 Oct 2023 18:24

Tgt Ion: 92 Resp: 7360
Ion Ratio Lower Upper
92 100
91 174.8 137.4 206.0

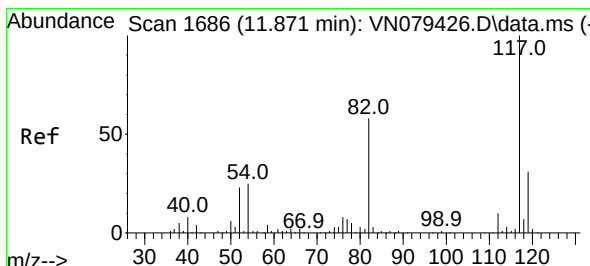
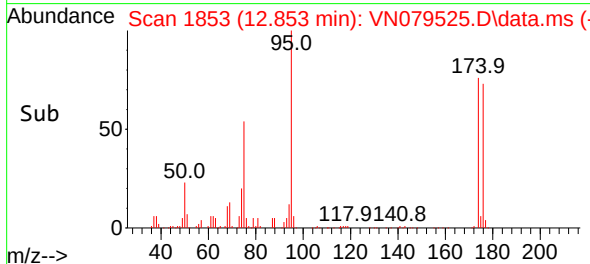
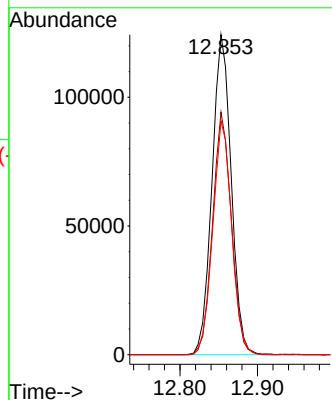
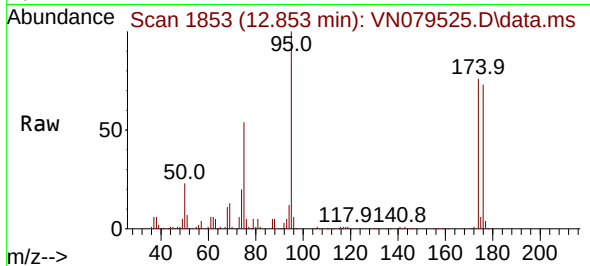




#62
4-Bromofluorobenzene
Concen: 46.919 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079525.D
Acq: 11 Oct 2023 18:24

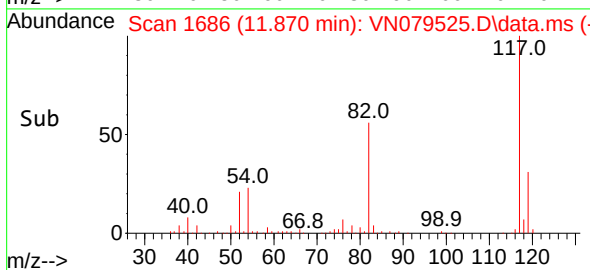
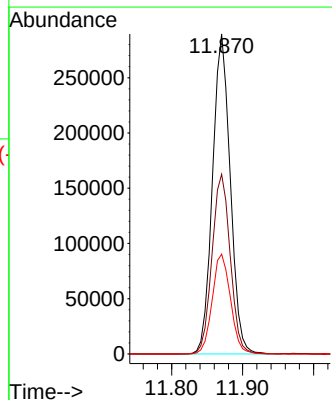
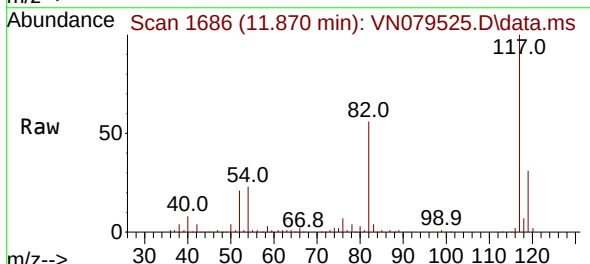
Instrument :
MSVOA_N
ClientSampleId :
GW-11-12-15

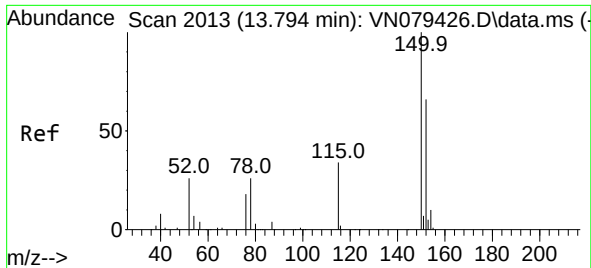
Tgt Ion: 95 Resp: 213553
Ion Ratio Lower Upper
95 100
174 74.2 0.0 143.8
176 72.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079525.D
Acq: 11 Oct 2023 18:24

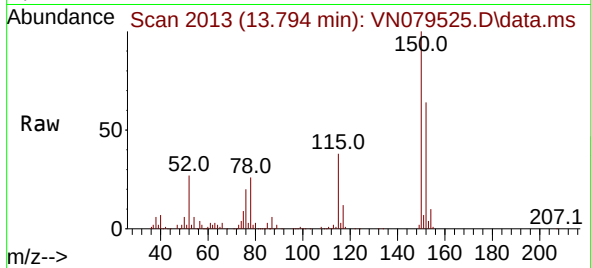
Tgt Ion: 117 Resp: 501669
Ion Ratio Lower Upper
117 100
82 56.1 44.0 66.0
119 31.2 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN079525.D
 Acq: 11 Oct 2023 18:24

Instrument :
 MSVOA_N
 ClientSampleId :
 GW-11-12-15



Tgt Ion:152 Resp: 157411

Ion	Ratio	Lower	Upper
152	100		
115	61.4	32.3	96.8
150	159.2	0.0	355.8

