

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102423\
 Data File : VN079660.D
 Acq On : 24 Oct 2023 16:26
 Operator : JC\MD
 Sample : 05029-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 231010056-06-TRIP-BLANK

Quant Time: Oct 25 01:54:57 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	8.229	168	253057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	491484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	478935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	149991	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	208708	50.866	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.740%
35) Dibromofluoromethane	8.171	113	187413	53.062	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.120%
50) Toluene-d8	10.570	98	573957	44.911	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.820%
62) 4-Bromofluorobenzene	12.853	95	199365	48.610	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.220%

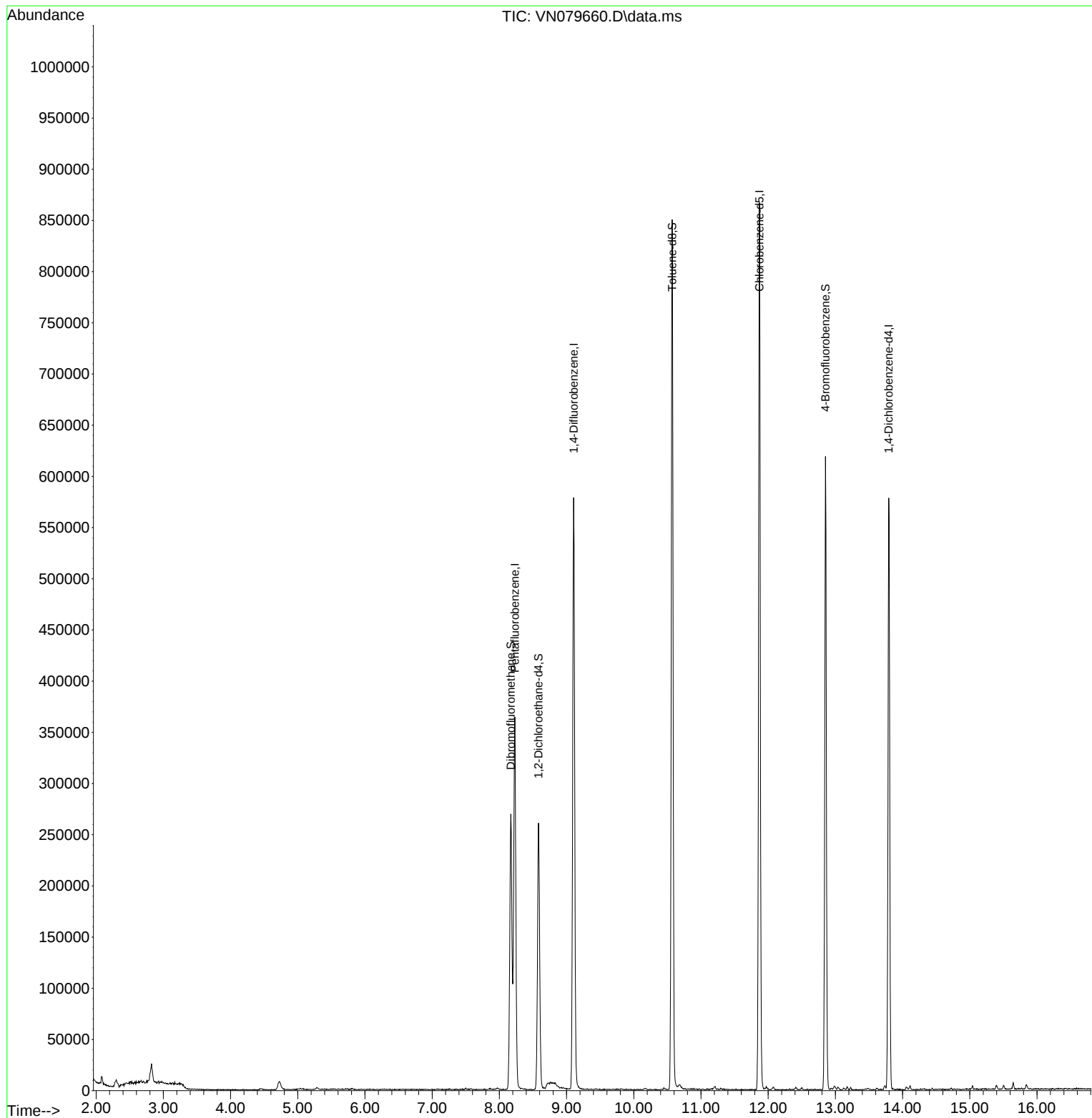
Target Compounds	Qvalue

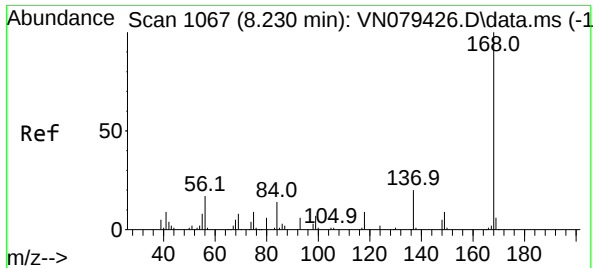
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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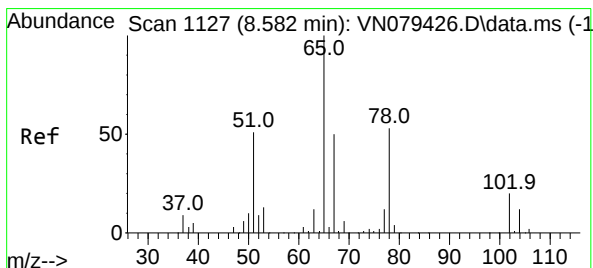
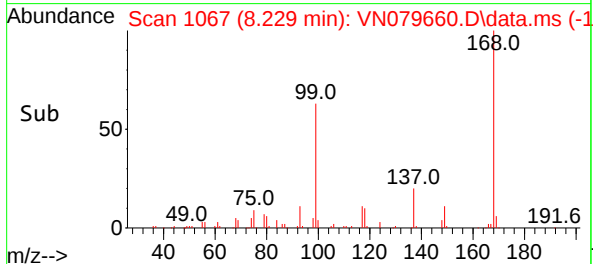
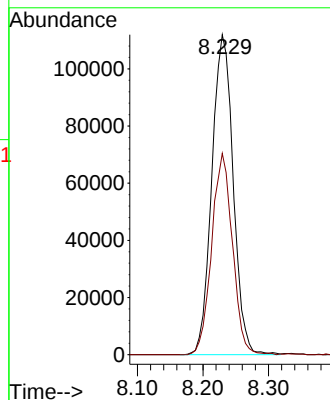
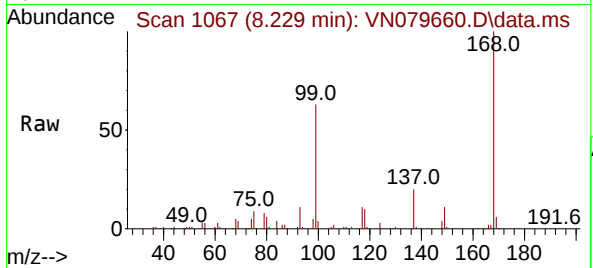




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079660.D
Acq: 24 Oct 2023 16:26

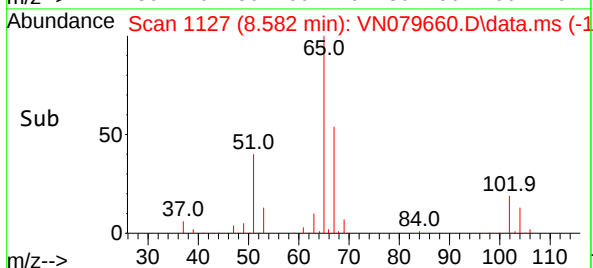
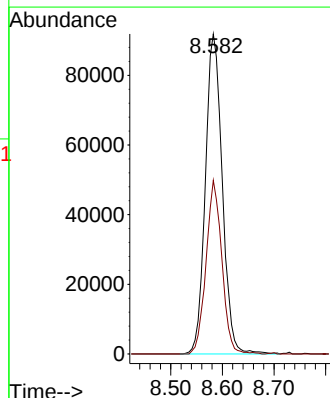
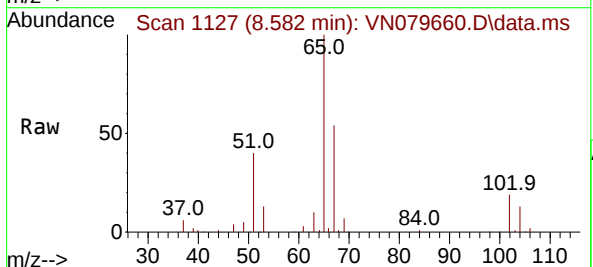
Instrument :
MSVOA_N
ClientSampleId :
231010056-06-TRIP-BLANK

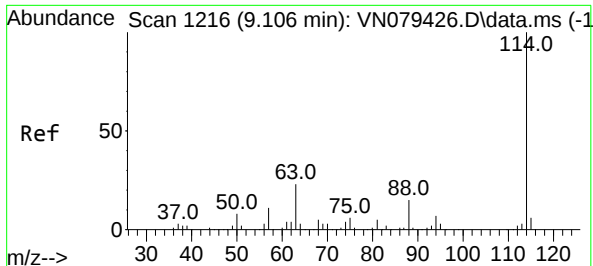
Tgt Ion:168 Resp: 253057
Ion Ratio Lower Upper
168 100
99 62.9 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 50.866 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079660.D
Acq: 24 Oct 2023 16:26

Tgt Ion: 65 Resp: 208708
Ion Ratio Lower Upper
65 100
67 50.8 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: VN079660.D

Acq: 24 Oct 2023 16:26

Instrument :

MSVOA_N

ClientSampleId :

231010056-06-TRIP-BLANK

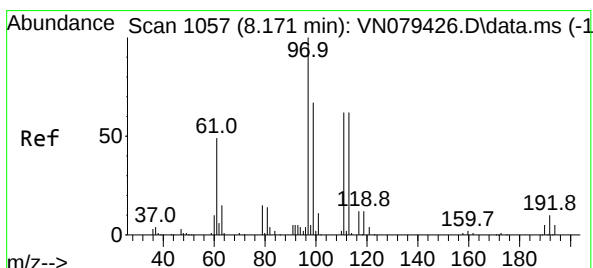
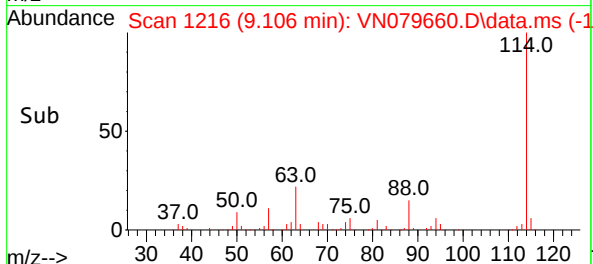
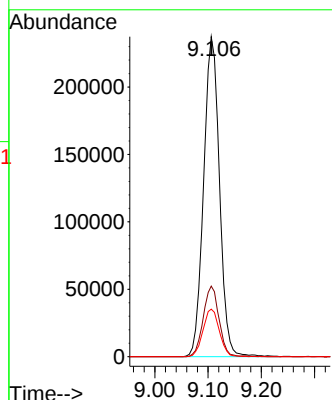
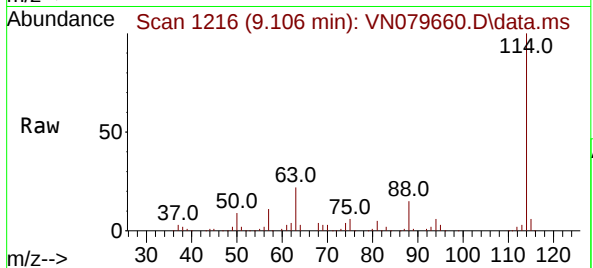
Tgt Ion:114 Resp: 491484

Ion Ratio Lower Upper

114 100

63 22.0 0.0 36.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.062 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079660.D

Acq: 24 Oct 2023 16:26

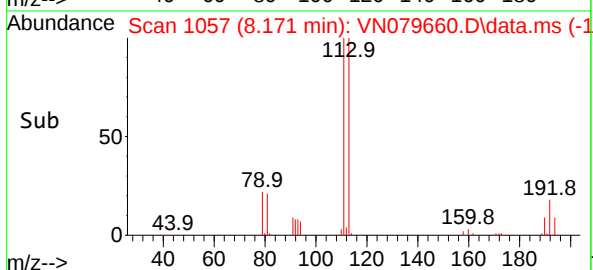
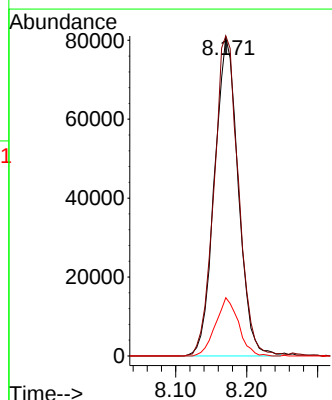
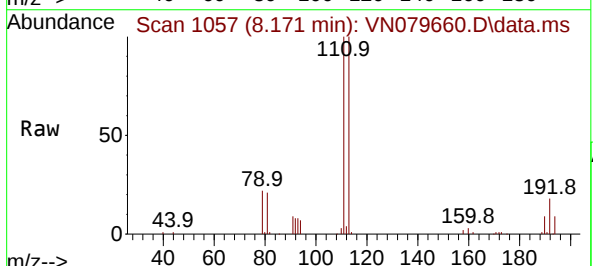
Tgt Ion:113 Resp: 187413

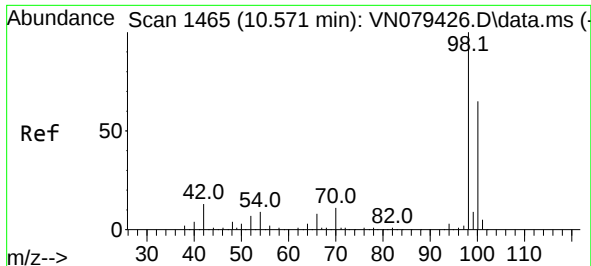
Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

192 17.7 12.7 19.1

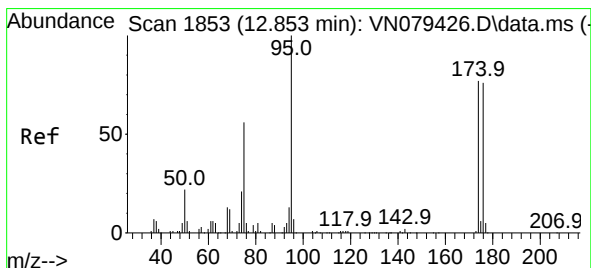
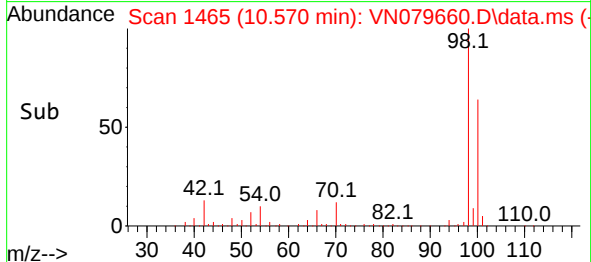
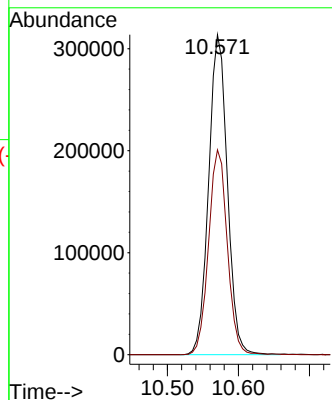
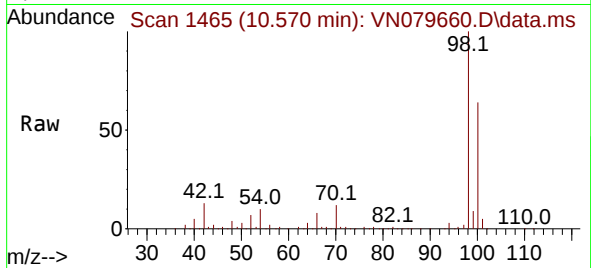




#50
Toluene-d8
Concen: 44.911 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079660.D
Acq: 24 Oct 2023 16:26

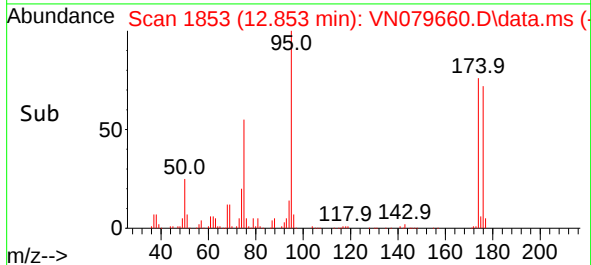
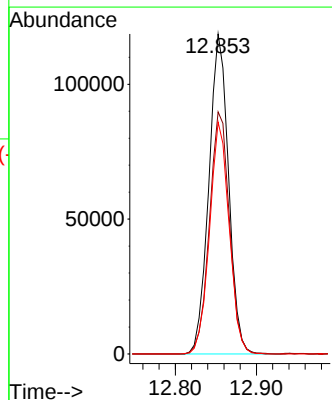
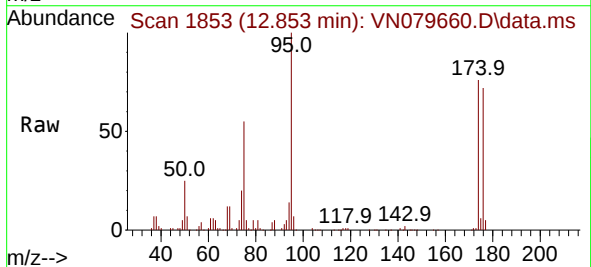
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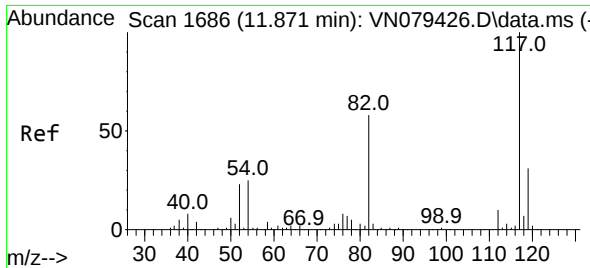
Tgt Ion: 98 Resp: 573957
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.610 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079660.D
Acq: 24 Oct 2023 16:26

Tgt Ion: 95 Resp: 199365
Ion Ratio Lower Upper
95 100
174 77.3 0.0 143.8
176 72.2 0.0 135.8

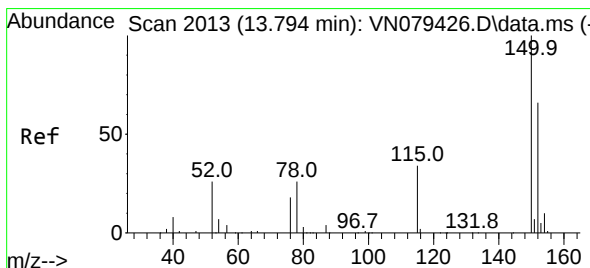
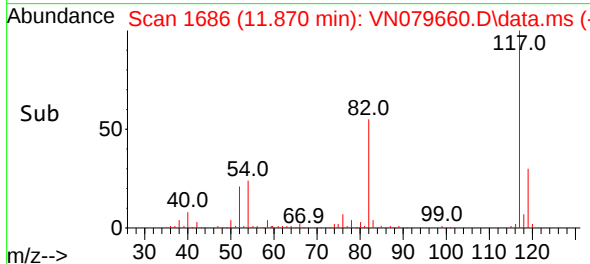
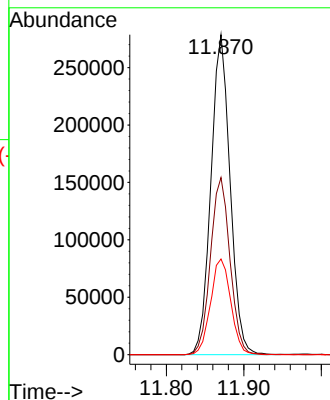
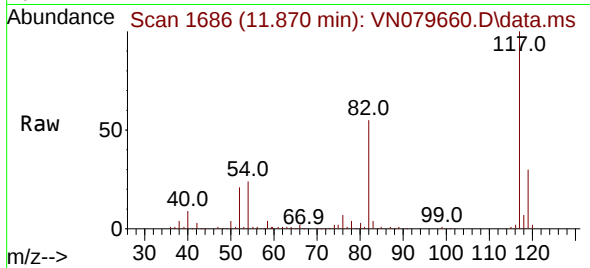




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079660.D
Acq: 24 Oct 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :
231010056-06-TRIP-BLANK

Tgt Ion:117 Resp: 478935
Ion Ratio Lower Upper
117 100
82 55.4 44.0 66.0
119 29.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079660.D
Acq: 24 Oct 2023 16:26

Tgt Ion:152 Resp: 149991
Ion Ratio Lower Upper
152 100
115 62.6 32.3 96.8
150 159.6 0.0 355.8

