

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100423\
 Data File : VN079417.D
 Acq On : 04 Oct 2023 20:49
 Operator : JC\MD
 Sample : 04689-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: Oct 05 02:27:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	126942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	259532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	215081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	55496	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	111104	64.837	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	129.680%#
35) Dibromofluoromethane	8.177	113	87204	50.513	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.020%
50) Toluene-d8	10.570	98	268724	42.393	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	84.780%#
62) 4-Bromofluorobenzene	12.853	95	82219	40.662	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	81.320%#

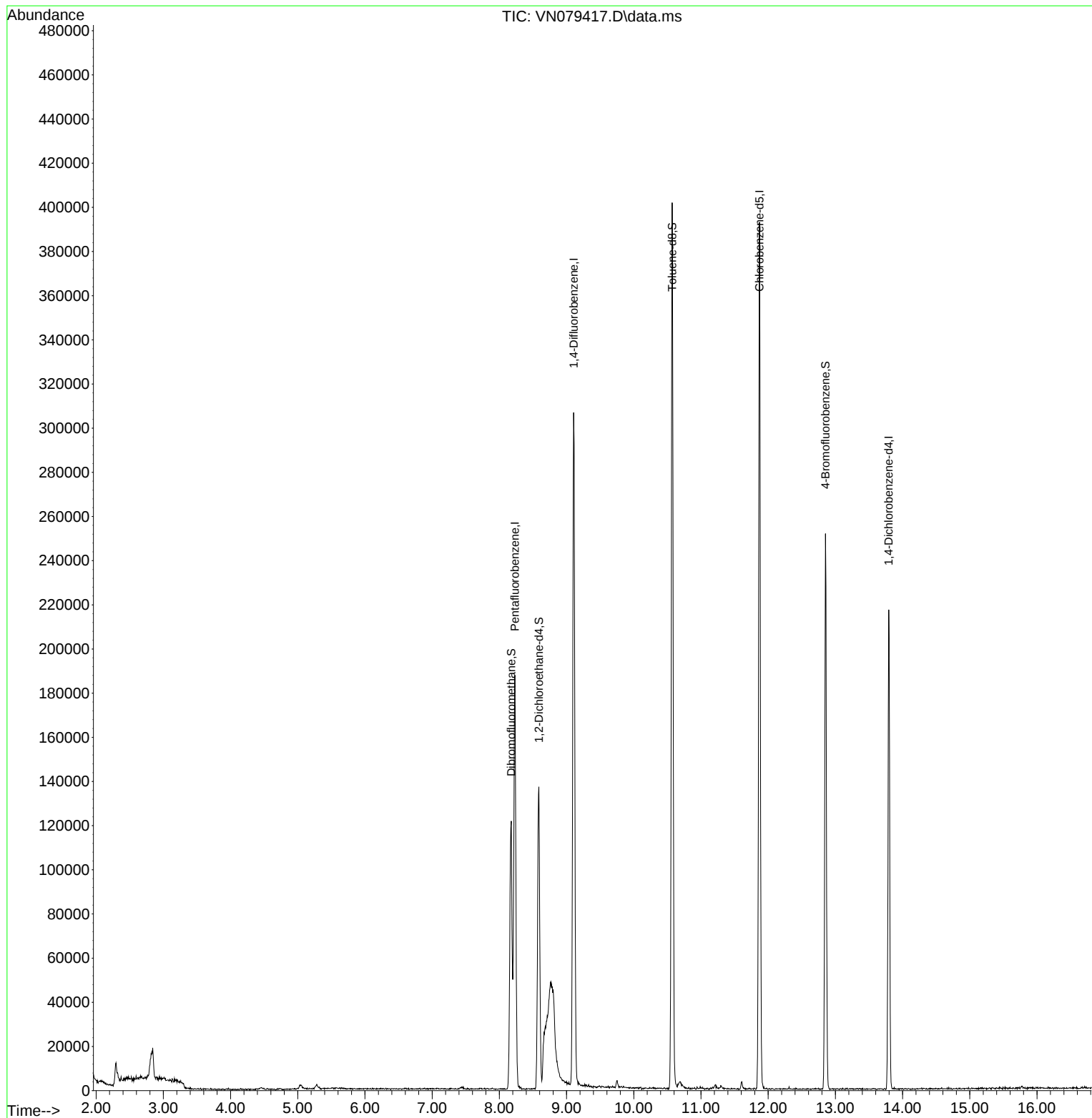
Target Compounds	Qvalue

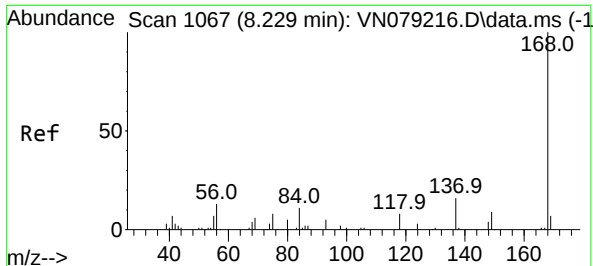
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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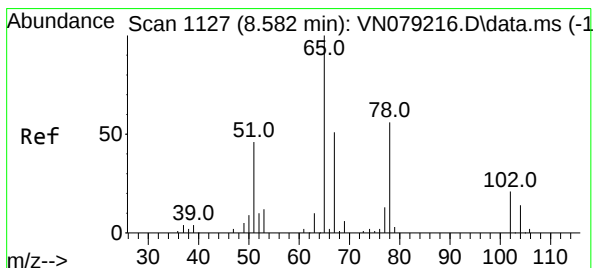
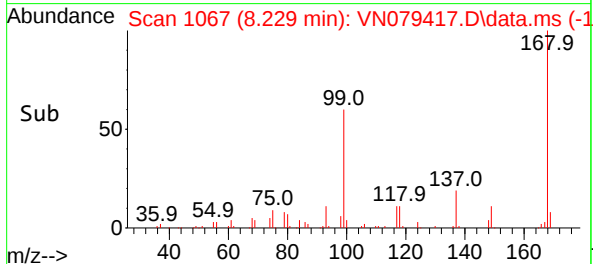
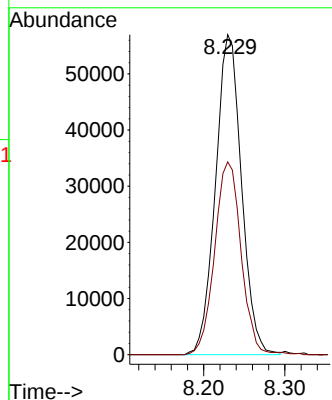
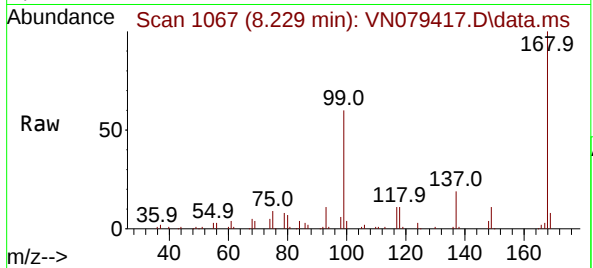




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079417.D
Acq: 04 Oct 2023 20:49

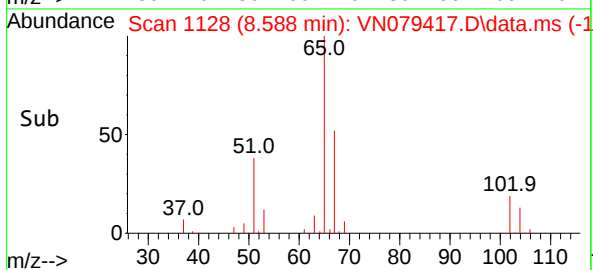
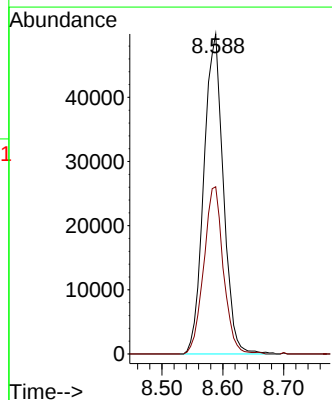
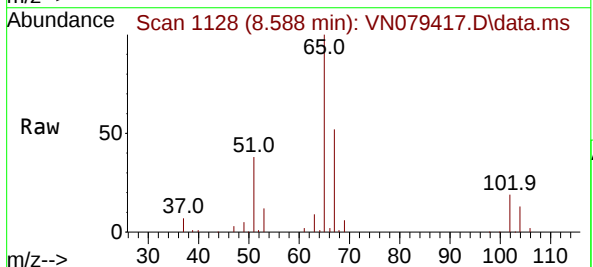
Instrument :
MSVOA_N
ClientSampleId :
TB

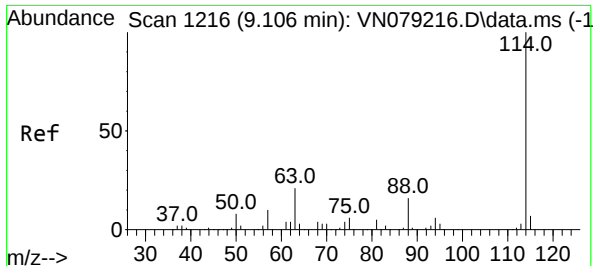
Tgt Ion:168 Resp: 126942
Ion Ratio Lower Upper
168 100
99 60.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 64.837 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN079417.D
Acq: 04 Oct 2023 20:49

Tgt Ion: 65 Resp: 111104
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079417.D

Acq: 04 Oct 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

TB

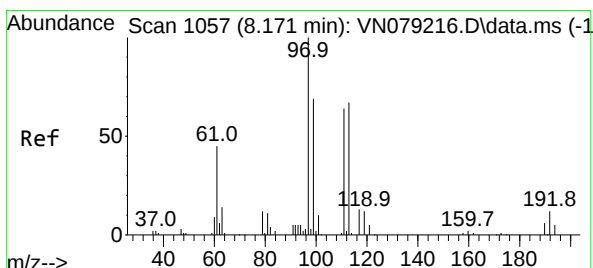
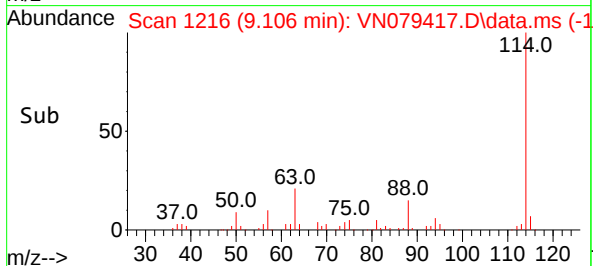
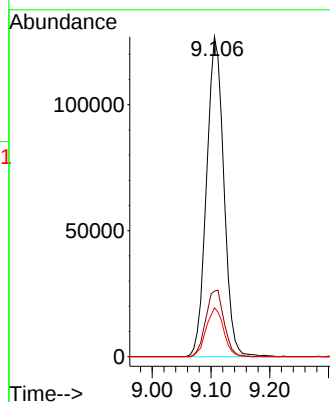
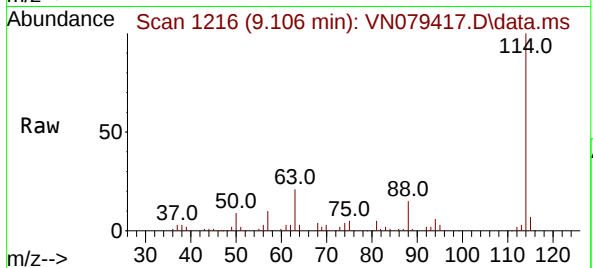
Tgt Ion:114 Resp: 259532

Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.513 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN079417.D

Acq: 04 Oct 2023 20:49

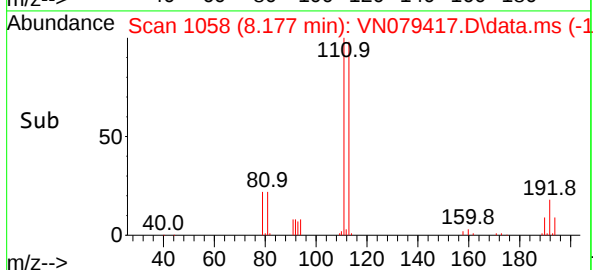
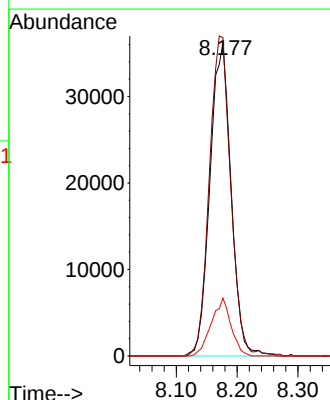
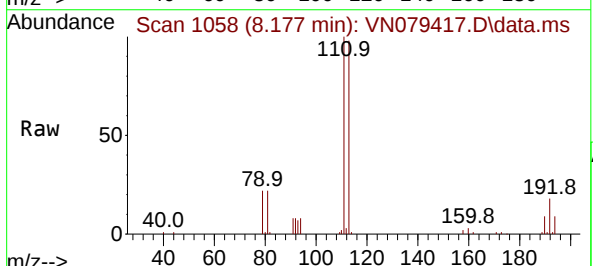
Tgt Ion:113 Resp: 87204

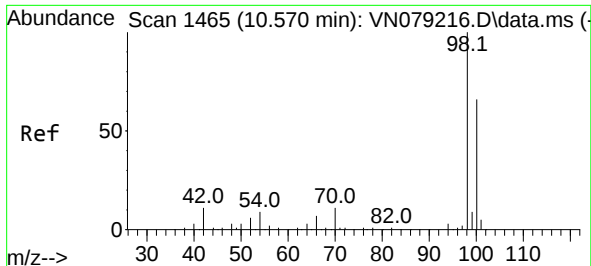
Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

192 17.2 12.7 19.1

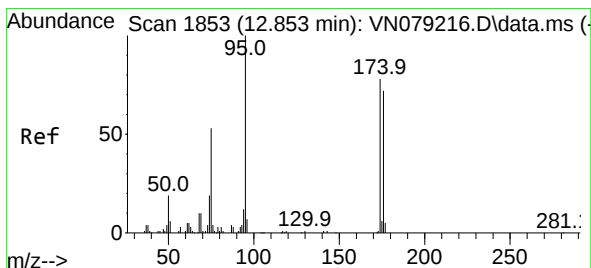
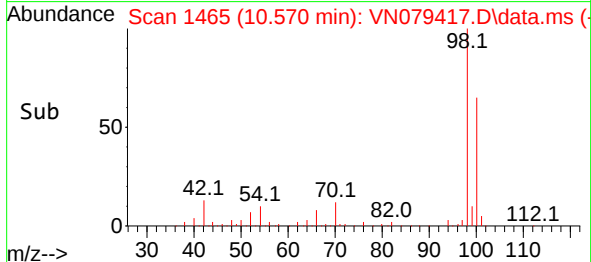
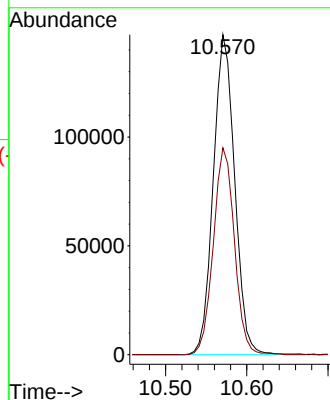
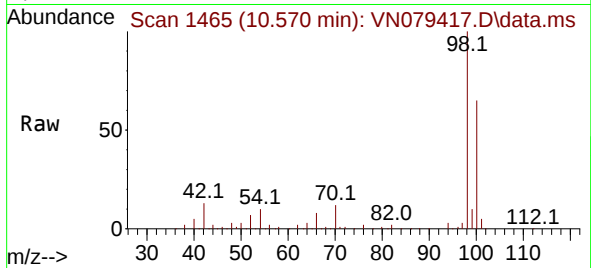




#50
Toluene-d8
Concen: 42.393 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN079417.D
Acq: 04 Oct 2023 20:49

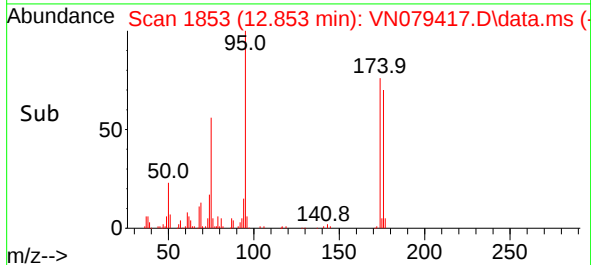
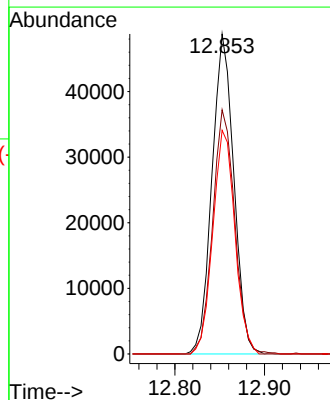
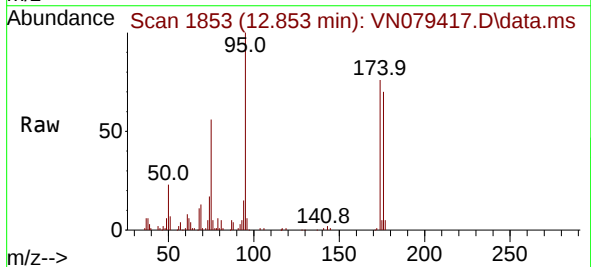
Instrument :
MSVOA_N
ClientSampleId :
TB

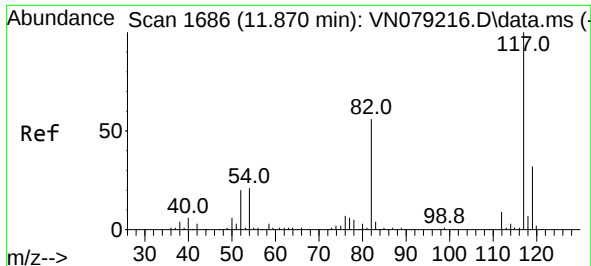
Tgt Ion: 98 Resp: 268724
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.662 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079417.D
Acq: 04 Oct 2023 20:49

Tgt Ion: 95 Resp: 82219
Ion Ratio Lower Upper
95 100
174 77.1 0.0 143.8
176 70.8 0.0 135.8

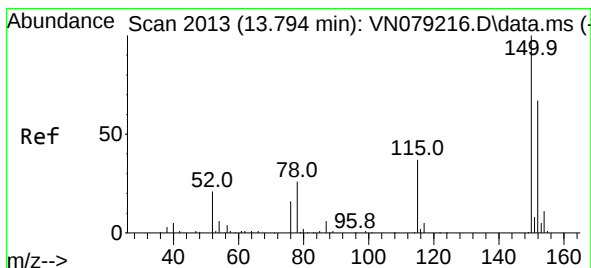
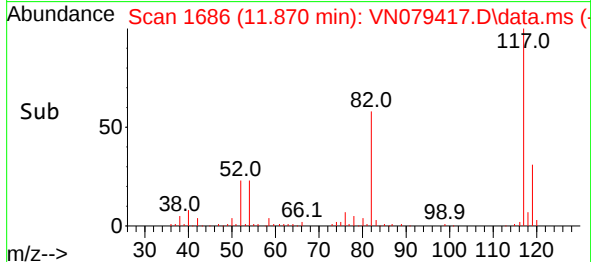
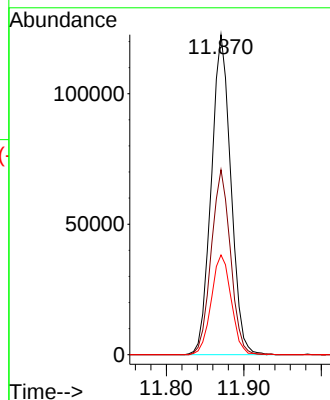
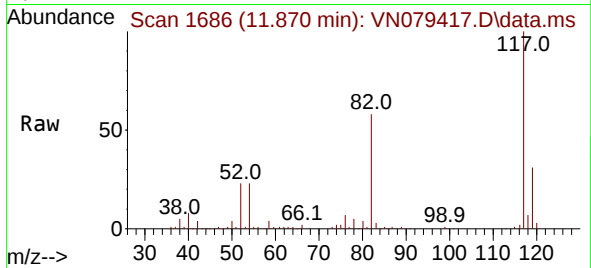




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN079417.D
Acq: 04 Oct 2023 20:49

Instrument :
MSVOA_N
ClientSampleId :
TB

Tgt Ion:117 Resp: 215081
Ion Ratio Lower Upper
117 100
82 57.8 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# 2013
Delta R.T. -0.000 min
Lab File: VN079417.D
Acq: 04 Oct 2023 20:49

Tgt Ion:152 Resp: 55496
Ion Ratio Lower Upper
152 100
115 61.9 32.3 96.8
150 156.0 0.0 355.8

