

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
 Data File : VN079517.D
 Acq On : 11 Oct 2023 15:12
 Operator : JC\MD
 Sample : 04819-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SW-AP-01-100923

Quant Time: Oct 12 06:10:02 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	295373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	574806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	529545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	171048	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	235788	49.233	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.460%
35) Dibromofluoromethane	8.171	113	208788	50.545	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.080%
50) Toluene-d8	10.571	98	675435	45.191	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.380%
62) 4-Bromofluorobenzene	12.853	95	224508	46.806	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.620%

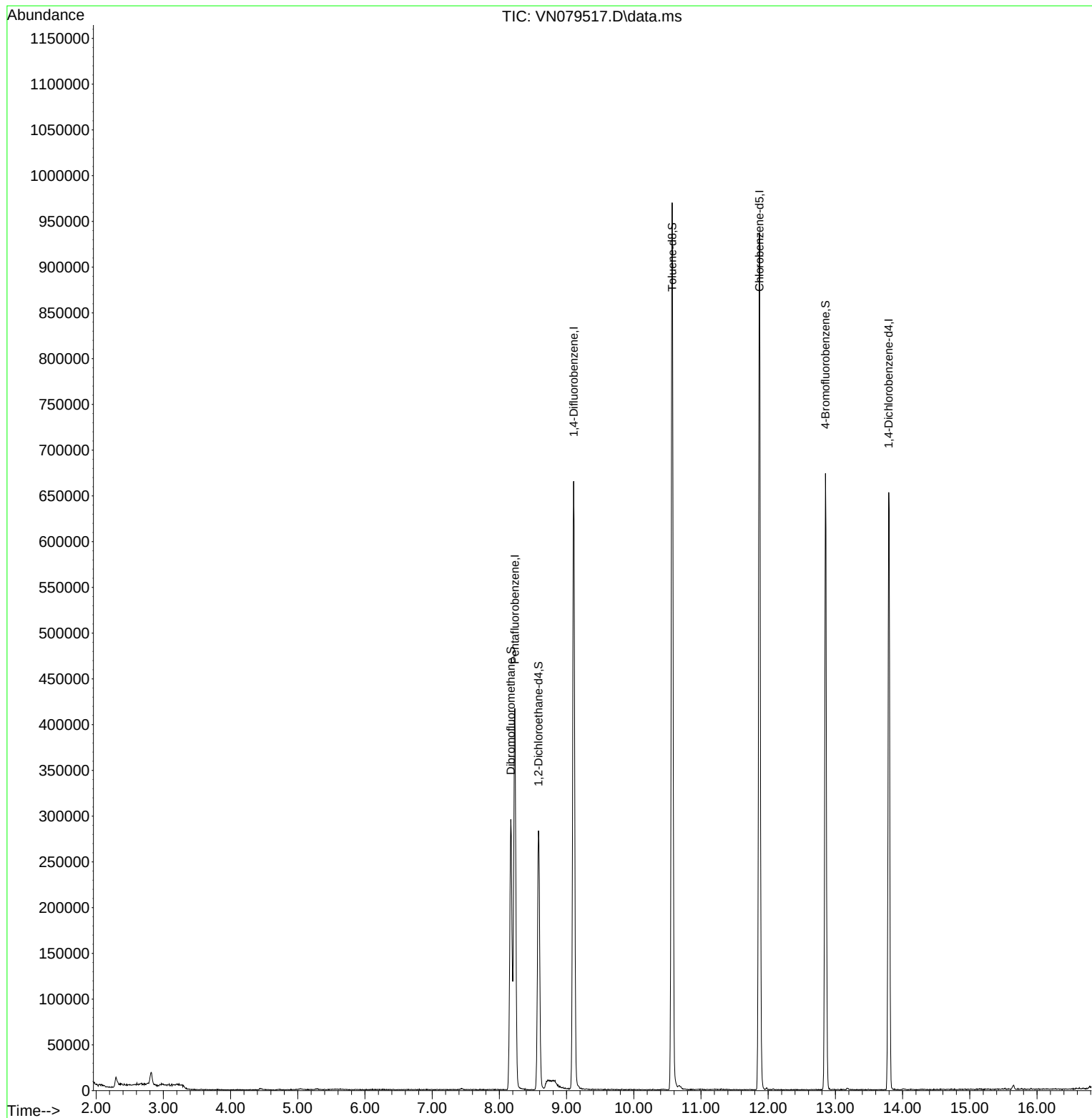
Target Compounds	Qvalue

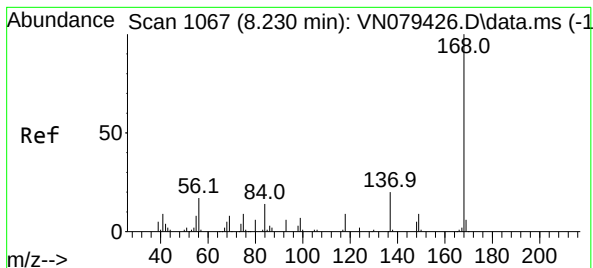
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN079517.D

Acq: 11 Oct 2023 15:12

Instrument :

MSVOA_N

ClientSampleId :

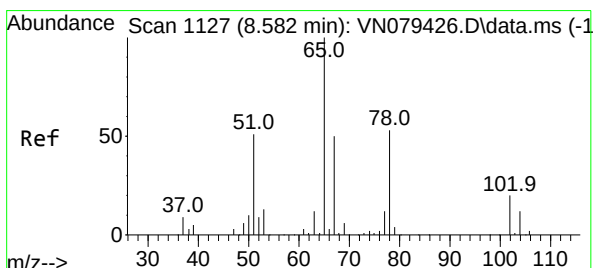
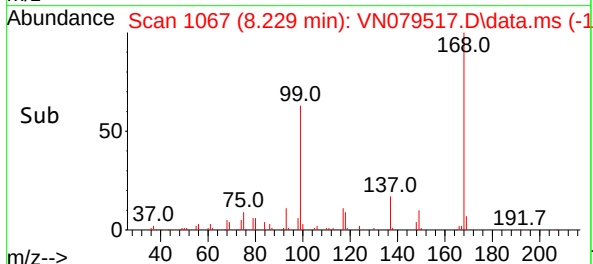
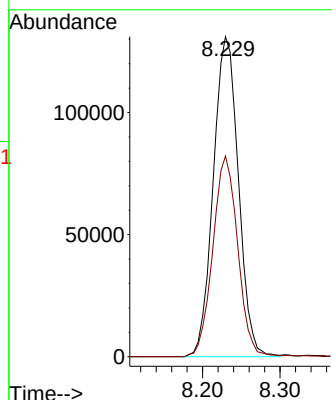
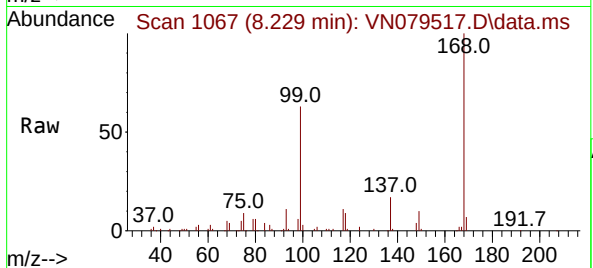
SW-AP-01-100923

Tgt Ion:168 Resp: 295373

Ion Ratio Lower Upper

168 100

99 62.7 53.0 79.6



#33

1,2-Dichloroethane-d4

Concen: 49.233 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079517.D

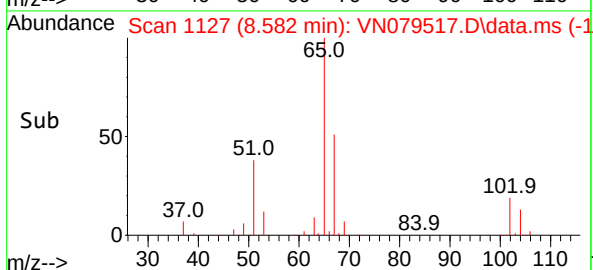
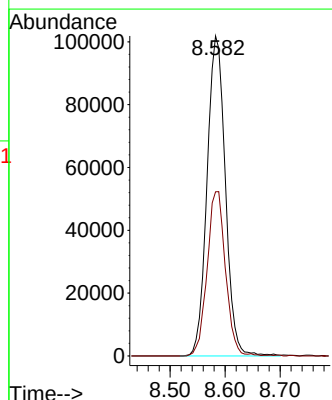
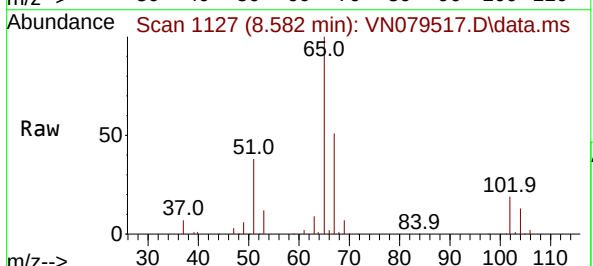
Acq: 11 Oct 2023 15:12

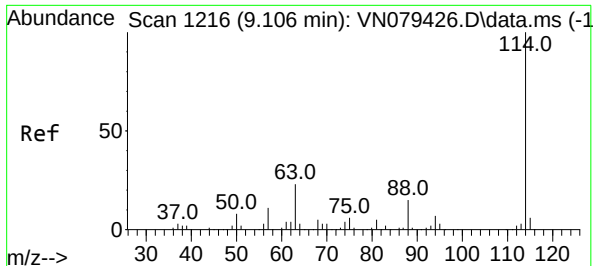
Tgt Ion: 65 Resp: 235788

Ion Ratio Lower Upper

65 100

67 51.6 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: VN079517.D

Acq: 11 Oct 2023 15:12

Instrument :

MSVOA_N

ClientSampleId :

SW-AP-01-100923

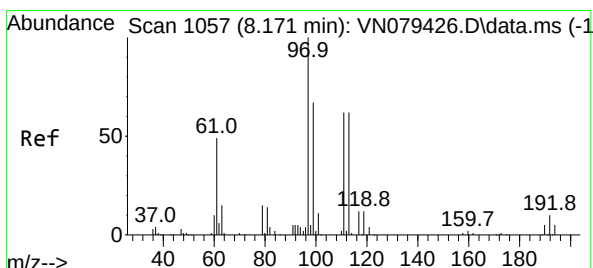
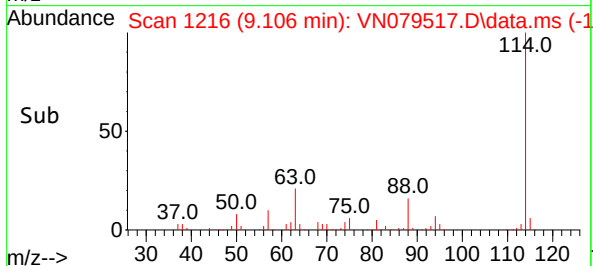
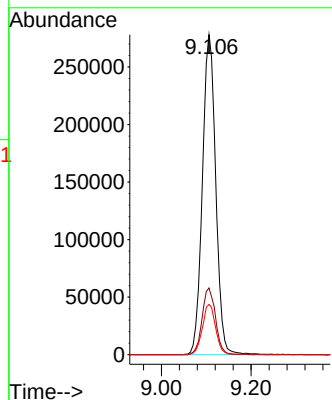
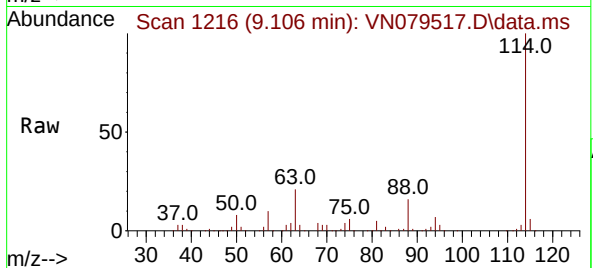
Tgt Ion:114 Resp: 574806

Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.545 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079517.D

Acq: 11 Oct 2023 15:12

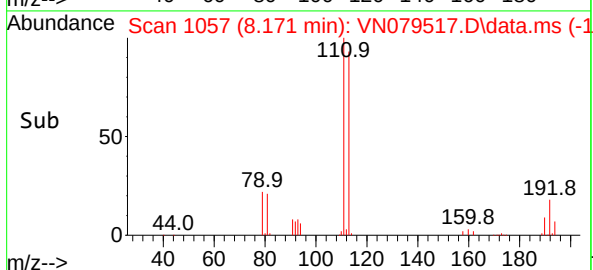
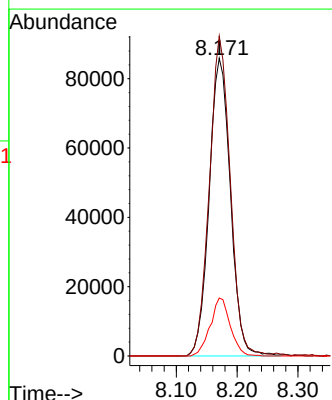
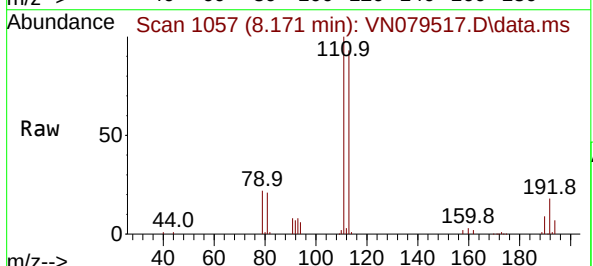
Tgt Ion:113 Resp: 208788

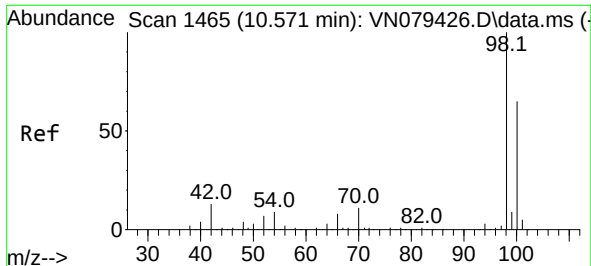
Ion Ratio Lower Upper

113 100

111 105.0 82.6 123.8

192 18.3 12.7 19.1

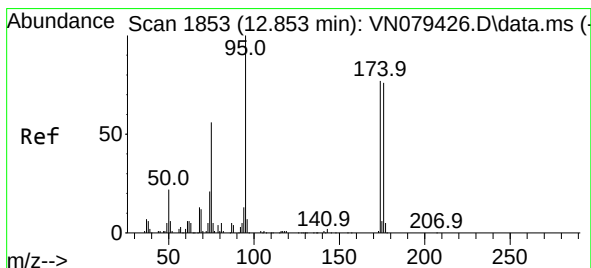
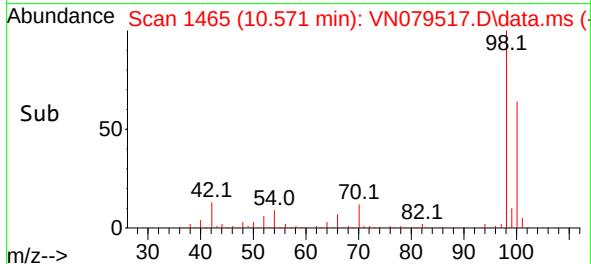
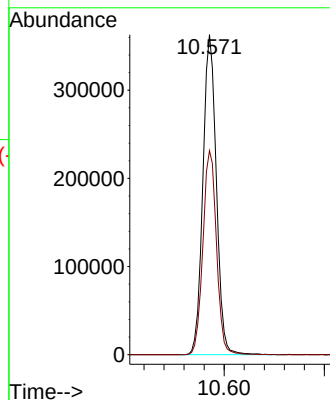
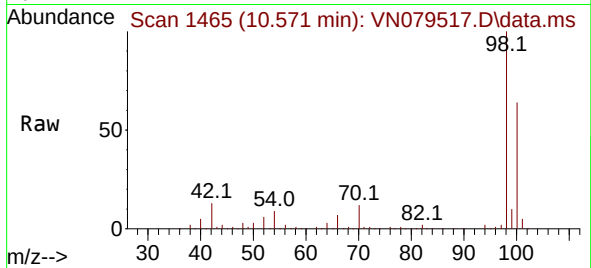




#50
Toluene-d8
Concen: 45.191 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079517.D
Acq: 11 Oct 2023 15:12

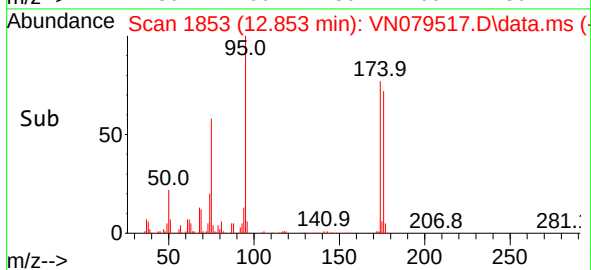
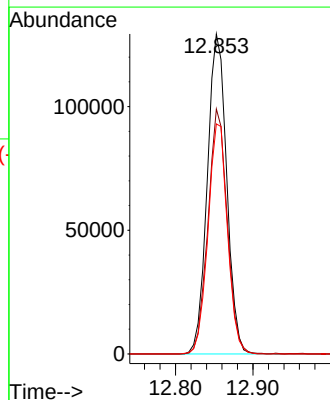
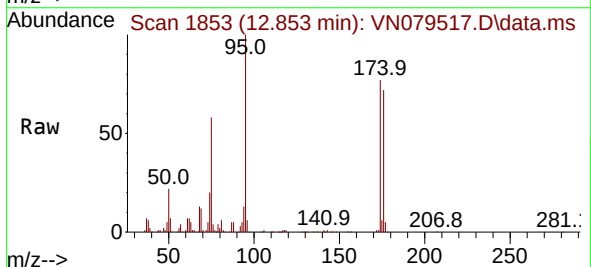
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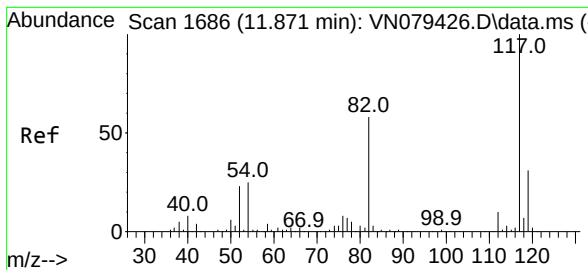
Tgt Ion: 98 Resp: 675435
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.806 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079517.D
Acq: 11 Oct 2023 15:12

Tgt Ion: 95 Resp: 224508
Ion Ratio Lower Upper
95 100
174 76.1 0.0 143.8
176 72.2 0.0 135.8

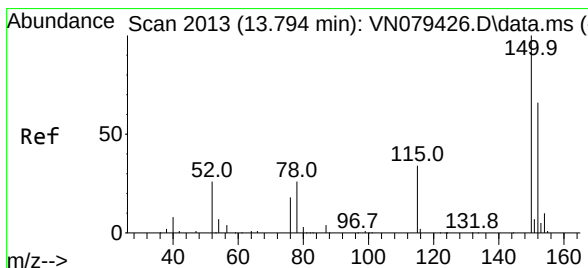
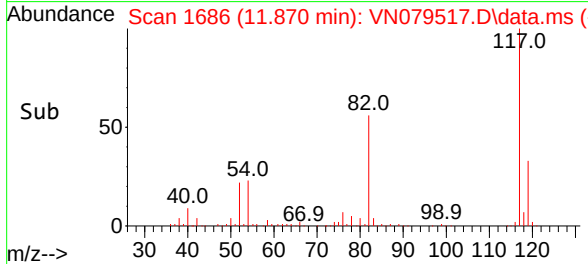
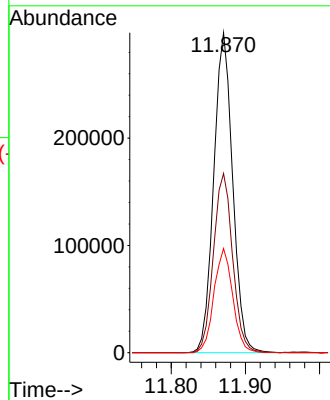
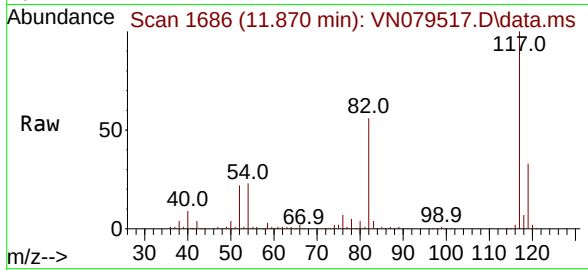




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079517.D
Acq: 11 Oct 2023 15:12

Instrument :
MSVOA_N
ClientSampleId :
SW-AP-01-100923

Tgt Ion:117 Resp: 529545
Ion Ratio Lower Upper
117 100
82 56.0 44.0 66.0
119 32.6 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: VN079517.D
Acq: 11 Oct 2023 15:12

Tgt Ion:152 Resp: 171048
Ion Ratio Lower Upper
152 100
115 61.8 32.3 96.8
150 155.6 0.0 355.8

