

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091823\
 Data File : VN079292.D
 Acq On : 18 Sep 2023 18:01
 Operator : JC\MD
 Sample : 04436-21RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-9-13RE

Quant Time: Sep 19 01:26:48 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	8.230	168	136768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	256970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	220787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	56417	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	108095	58.549	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.100%
35) Dibromofluoromethane	8.171	113	82365	48.186	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.380%
50) Toluene-d8	10.571	98	275352	43.871	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	87.740%
62) 4-Bromofluorobenzene	12.853	95	76155	38.039	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	76.080%#

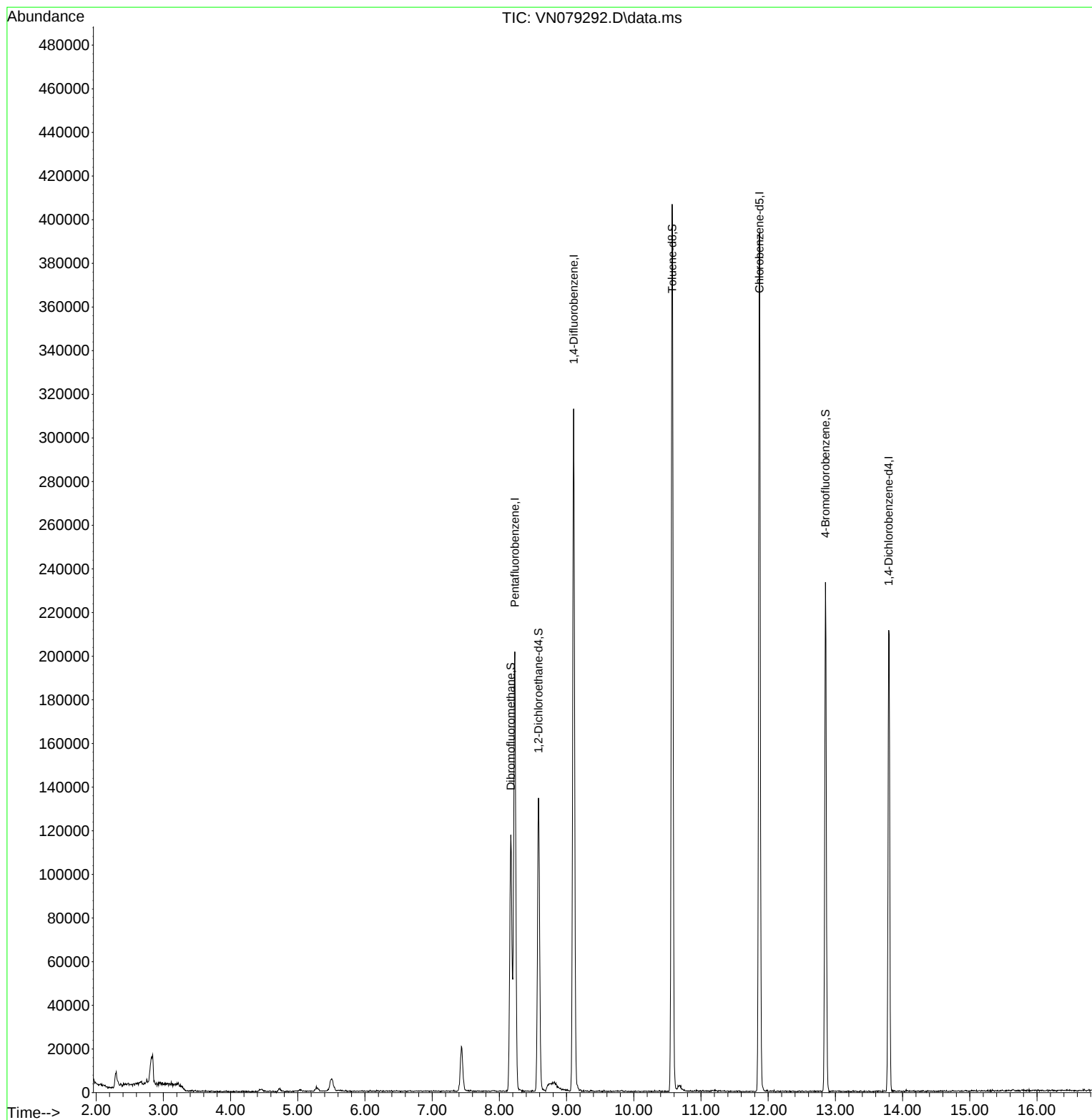
Target Compounds	Qvalue

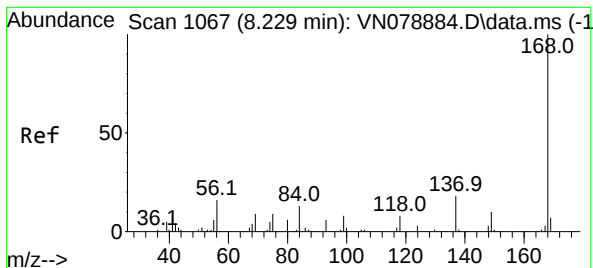
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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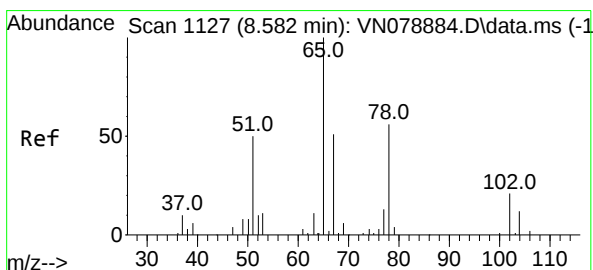
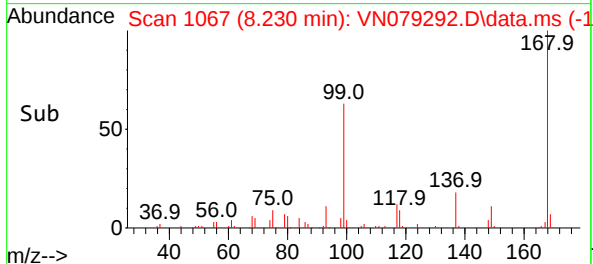
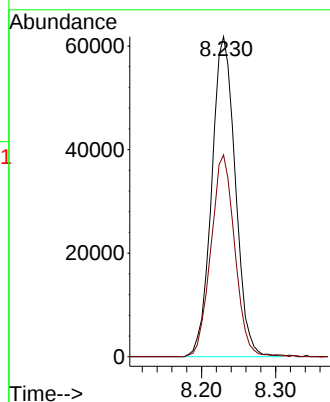
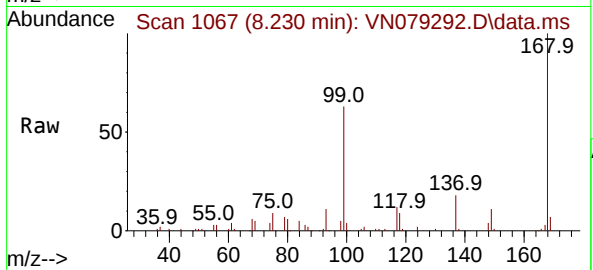




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079292.D
Acq: 18 Sep 2023 18:01

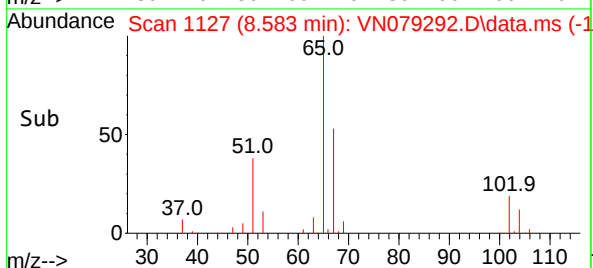
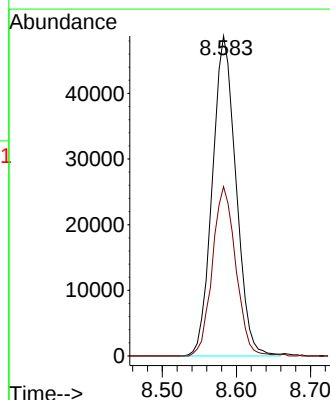
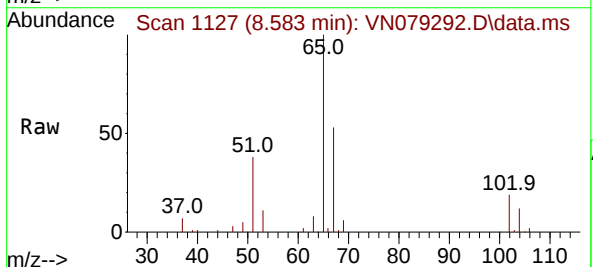
Instrument :
MSVOA_N
ClientSampleId :
FB-9-13RE

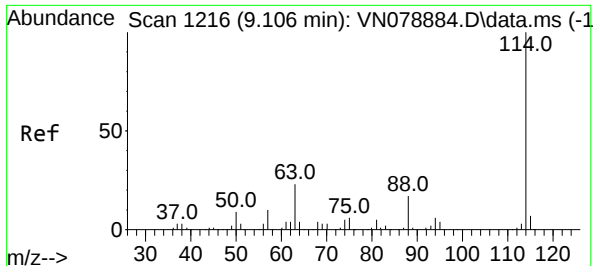
Tgt Ion:168 Resp: 136768
Ion Ratio Lower Upper
168 100
99 63.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 58.549 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079292.D
Acq: 18 Sep 2023 18:01

Tgt Ion: 65 Resp: 108095
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.6

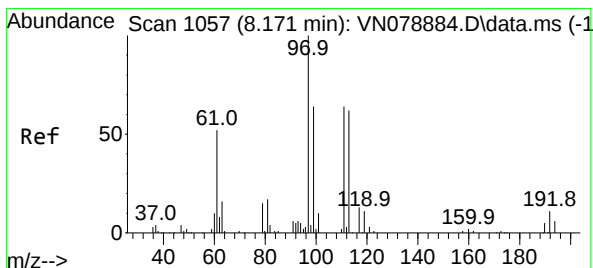
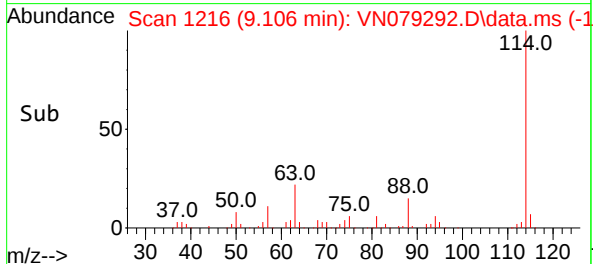
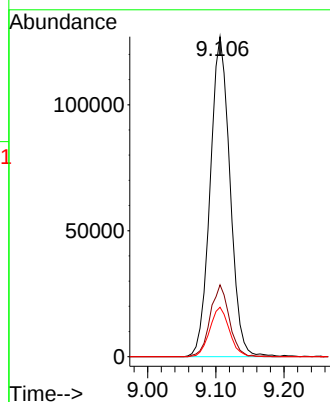
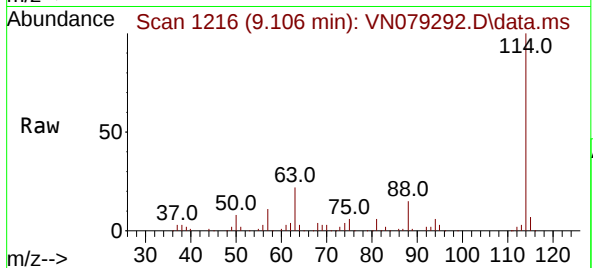




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN079292.D
Acq: 18 Sep 2023 18:01

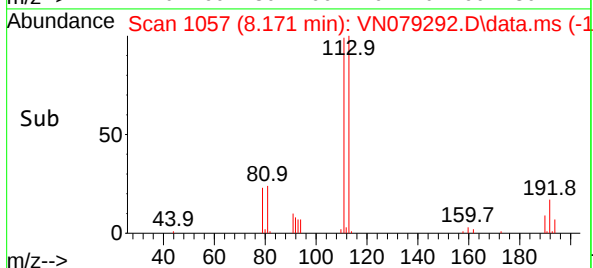
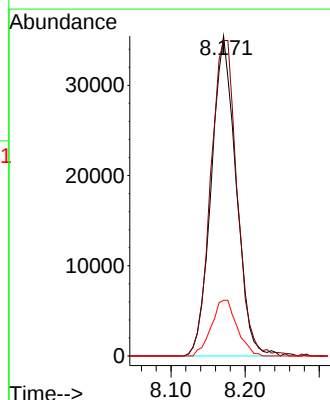
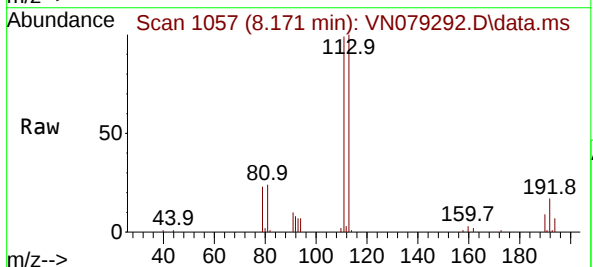
Instrument :
MSVOA_N
ClientSampleId :
FB-9-13RE

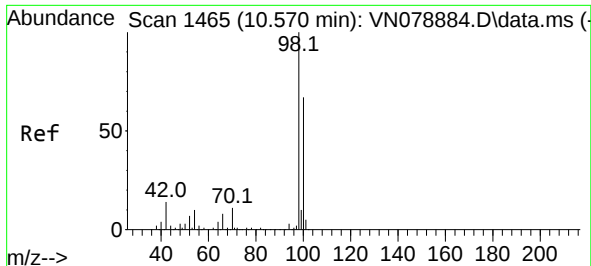
Tgt Ion:114 Resp: 256970
Ion Ratio Lower Upper
114 100
63 22.5 0.0 36.4
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.186 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079292.D
Acq: 18 Sep 2023 18:01

Tgt Ion:113 Resp: 82365
Ion Ratio Lower Upper
113 100
111 104.6 82.6 123.8
192 18.0 12.7 19.1

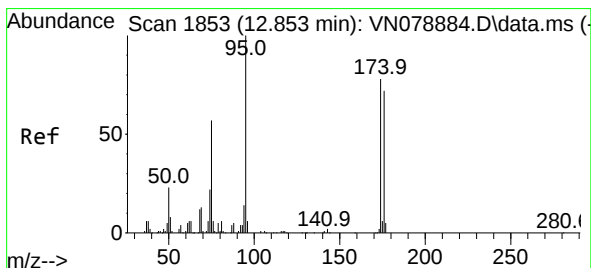
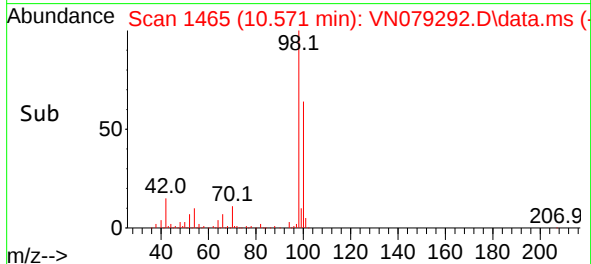
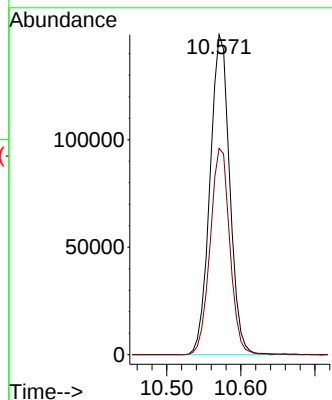
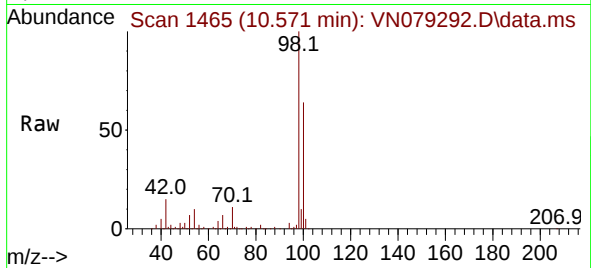




#50
Toluene-d8
Concen: 43.871 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079292.D
Acq: 18 Sep 2023 18:01

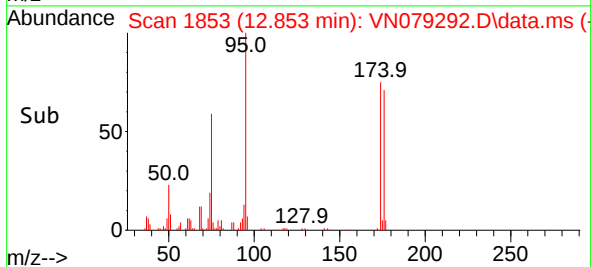
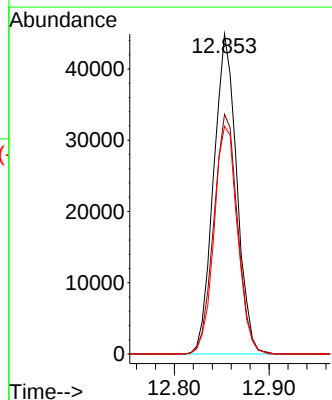
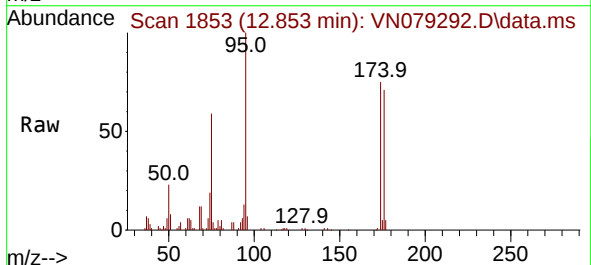
Instrument :
MSVOA_N
ClientSampleId :
FB-9-13RE

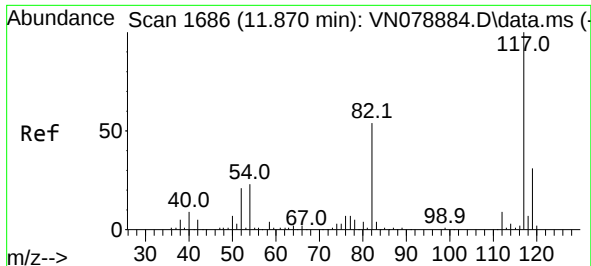
Tgt Ion: 98 Resp: 275352
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 38.039 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079292.D
Acq: 18 Sep 2023 18:01

Tgt Ion: 95 Resp: 76155
Ion Ratio Lower Upper
95 100
174 77.0 0.0 143.8
176 72.4 0.0 135.8

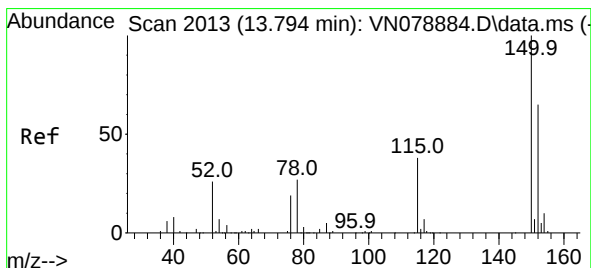
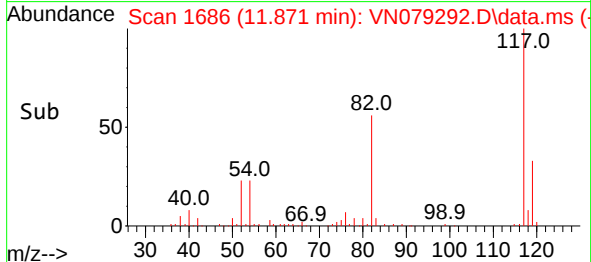
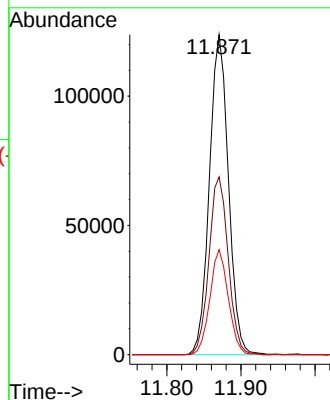
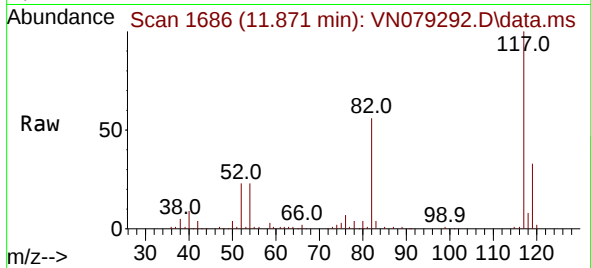




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079292.D
Acq: 18 Sep 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
FB-9-13RE

Tgt Ion:117 Resp: 220787
Ion Ratio Lower Upper
117 100
82 55.5 44.0 66.0
119 32.8 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: VN079292.D
Acq: 18 Sep 2023 18:01

Tgt Ion:152 Resp: 56417
Ion Ratio Lower Upper
152 100
115 61.0 32.3 96.8
150 158.3 0.0 355.8

