

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
 Data File : VN079522.D
 Acq On : 11 Oct 2023 17:12
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 12 06:12:28 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	350172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	670960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	638885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	226433	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	280575	49.416	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.840%
35) Dibromofluoromethane	8.171	113	239882	49.750	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.500%
50) Toluene-d8	10.571	98	785487	45.023	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.040%
62) 4-Bromofluorobenzene	12.853	95	290668	51.915	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.820%

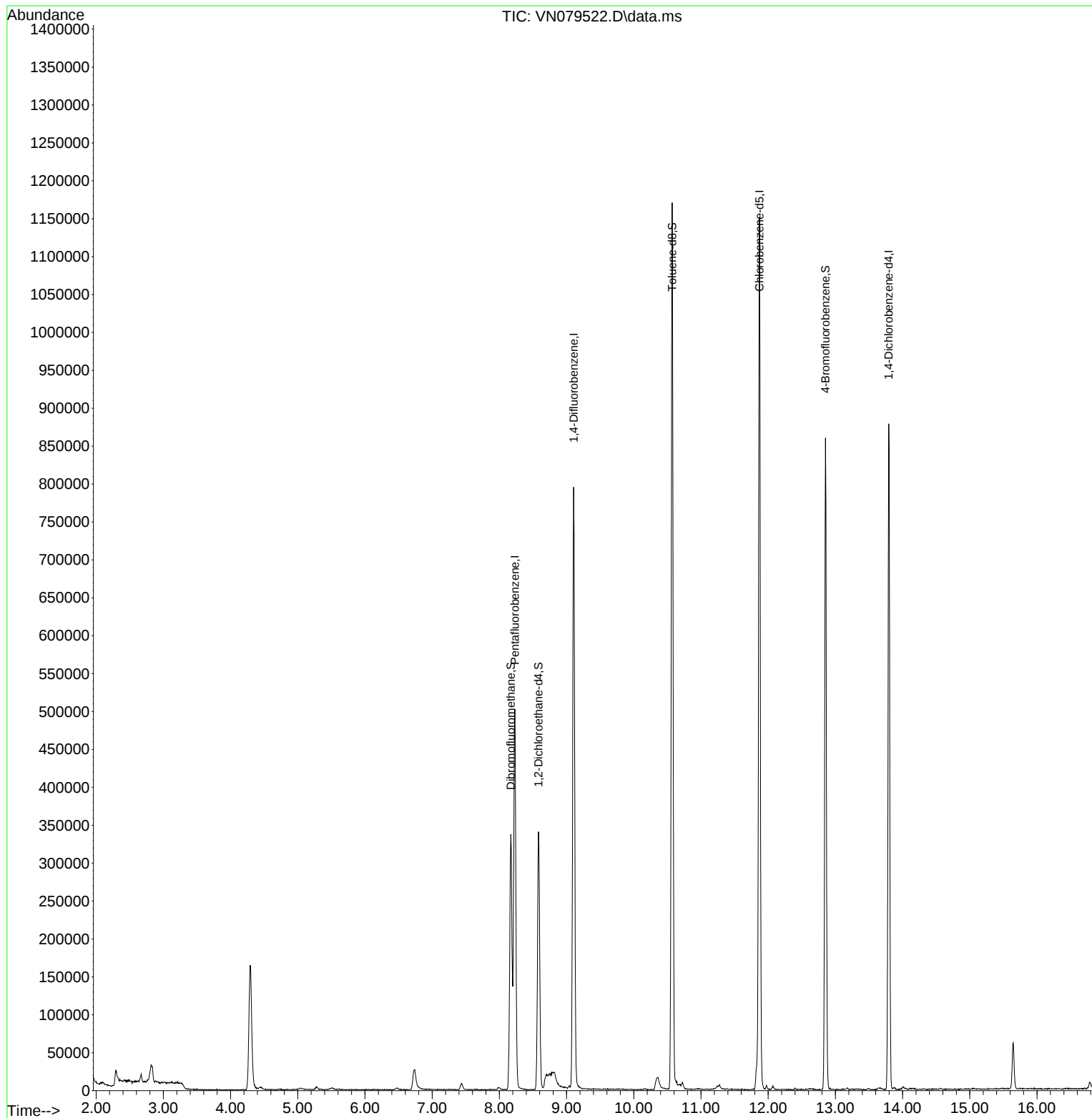
Target Compounds	Qvalue

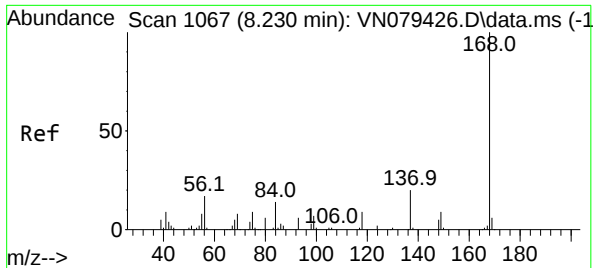
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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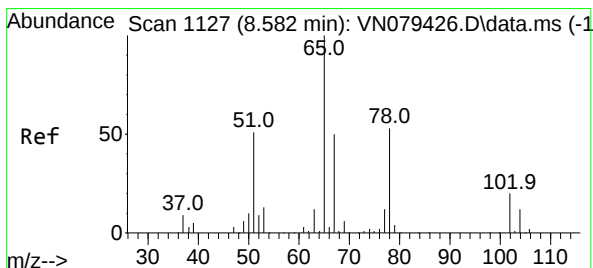
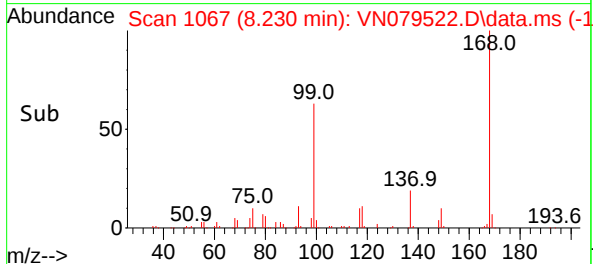
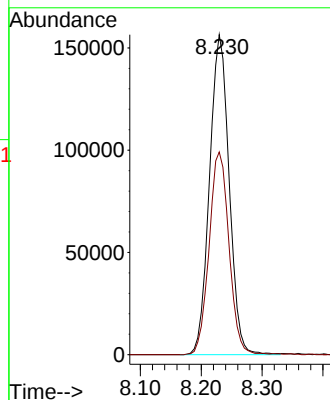
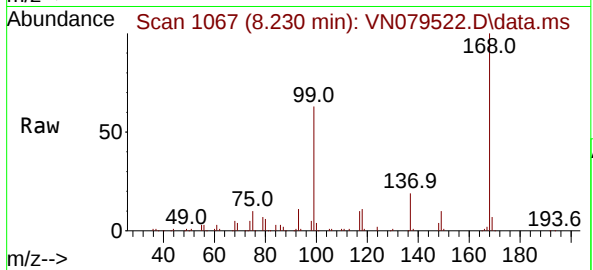




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079522.D
Acq: 11 Oct 2023 17:12

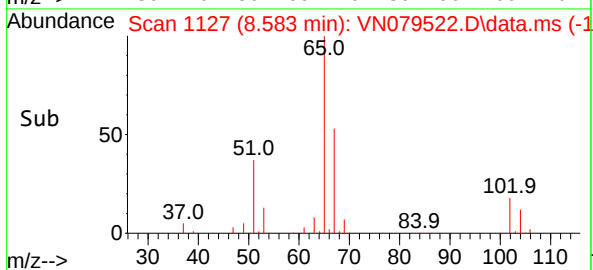
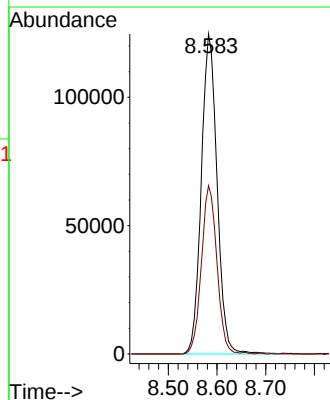
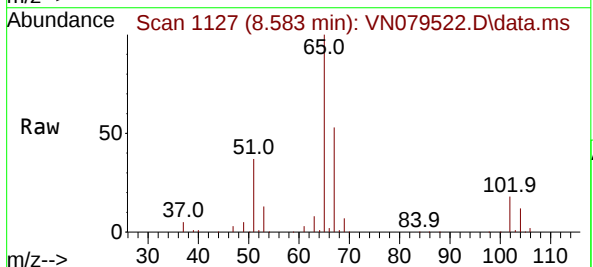
Instrument :
MSVOA_N
ClientSampleId :
IBLK

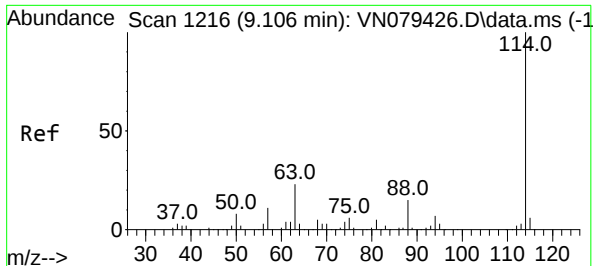
Tgt Ion:168 Resp: 350172
Ion Ratio Lower Upper
168 100
99 63.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 49.416 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079522.D
Acq: 11 Oct 2023 17:12

Tgt Ion: 65 Resp: 280575
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.6

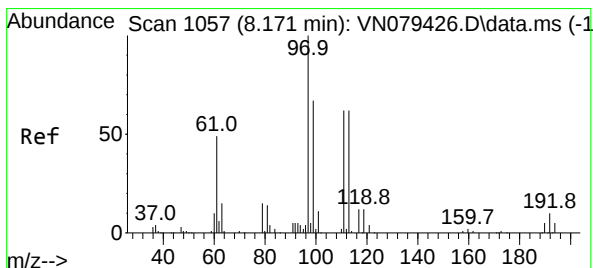
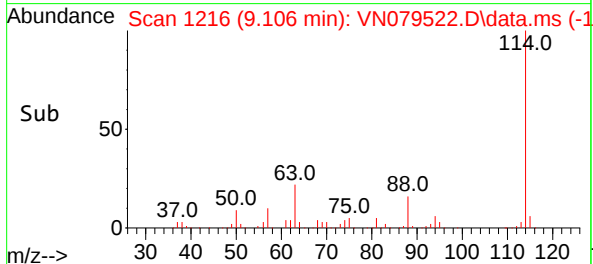
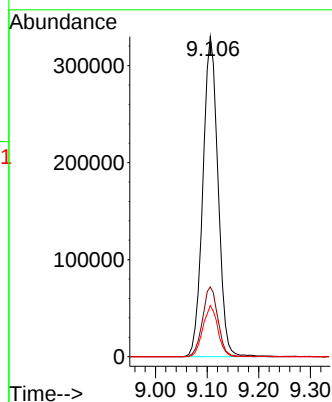
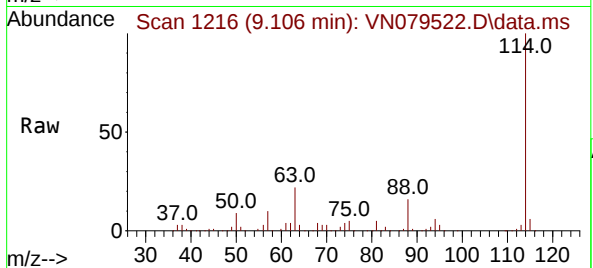




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN079522.D
Acq: 11 Oct 2023 17:12

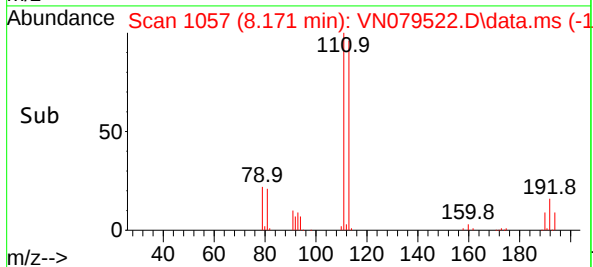
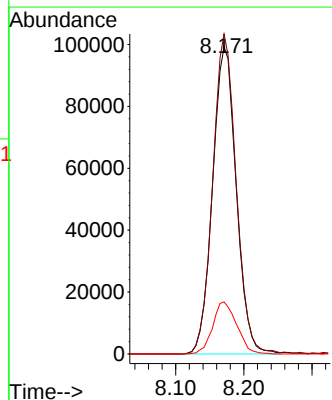
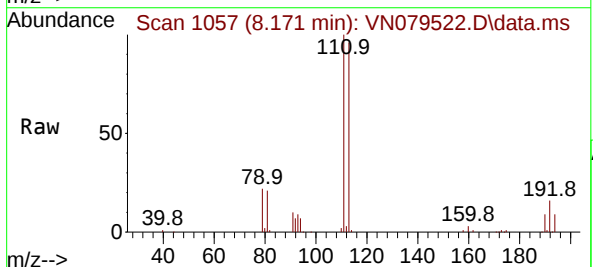
Instrument :
MSVOA_N
ClientSampleId :
IBLK

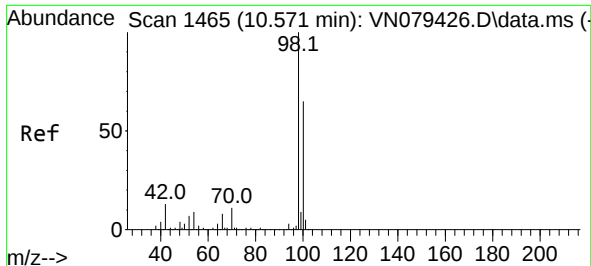
Tgt Ion:114 Resp: 670960
Ion Ratio Lower Upper
114 100
63 21.8 0.0 36.4
88 16.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.750 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079522.D
Acq: 11 Oct 2023 17:12

Tgt Ion:113 Resp: 239882
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 17.2 12.7 19.1

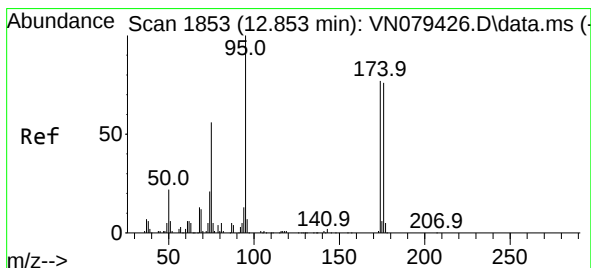
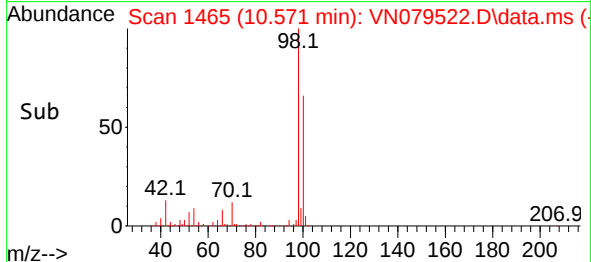
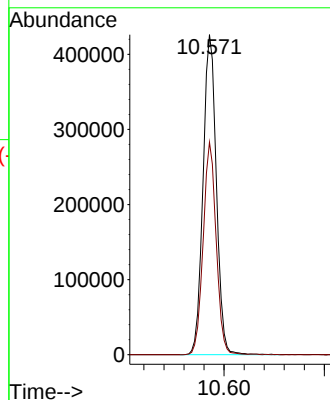
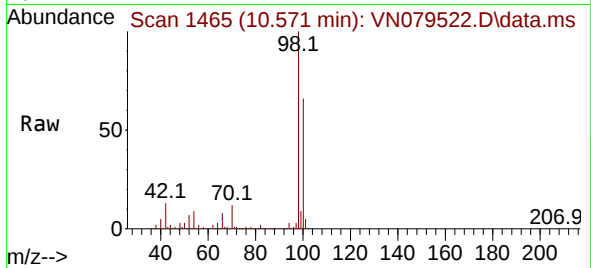




#50
Toluene-d8
Concen: 45.023 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079522.D
Acq: 11 Oct 2023 17:12

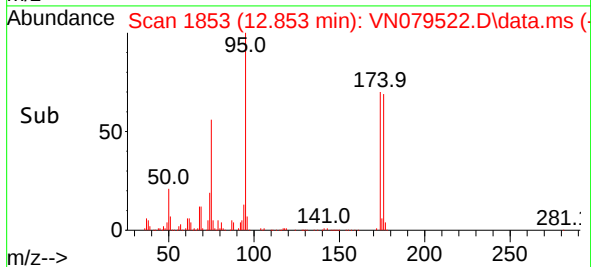
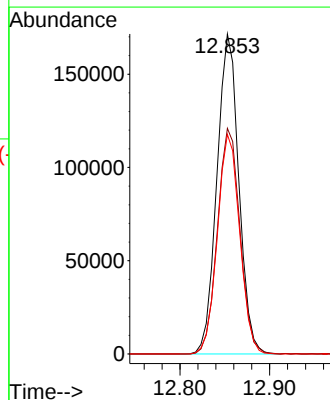
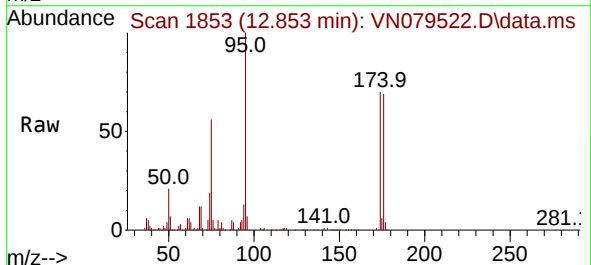
Instrument :
MSVOA_N
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IBLK

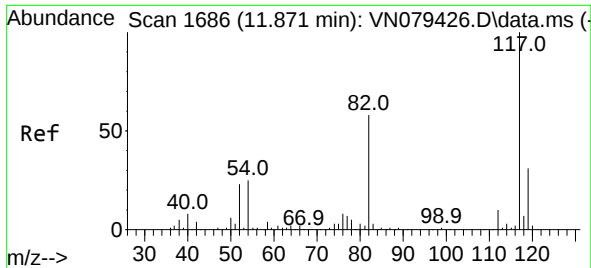
Tgt Ion: 98 Resp: 785487
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.915 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079522.D
Acq: 11 Oct 2023 17:12

Tgt Ion: 95 Resp: 290668
Ion Ratio Lower Upper
95 100
174 72.5 0.0 143.8
176 69.8 0.0 135.8

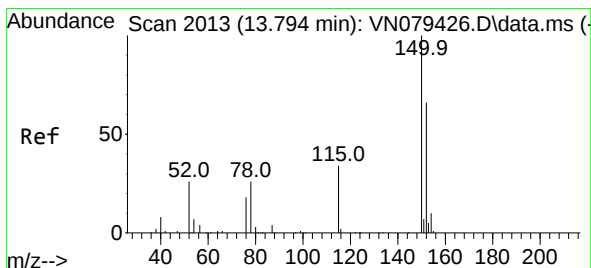
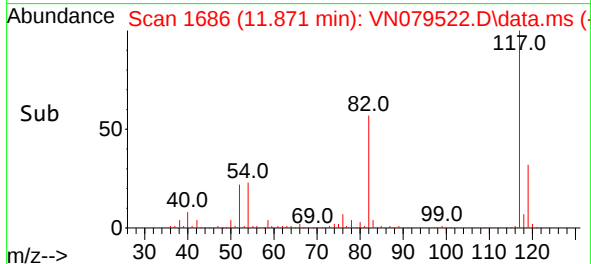
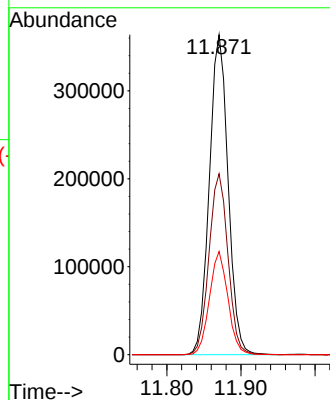
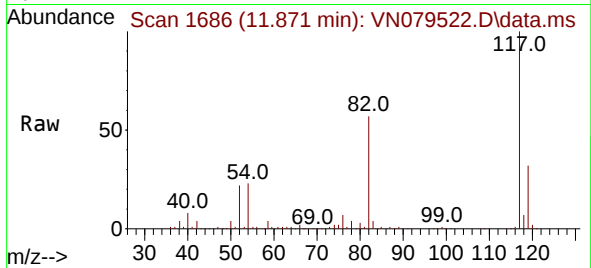




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079522.D
Acq: 11 Oct 2023 17:12

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 638885
Ion Ratio Lower Upper
117 100
82 56.6 44.0 66.0
119 32.3 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: VN079522.D
Acq: 11 Oct 2023 17:12

Tgt Ion:152 Resp: 226433
Ion Ratio Lower Upper
152 100
115 61.7 32.3 96.8
150 157.8 0.0 355.8

