

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100423\
 Data File : VN079404.D
 Acq On : 04 Oct 2023 15:35
 Operator : JC\MD
 Sample : 04689-01 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-1

Quant Time: Oct 05 02:22:17 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	146688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	272273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	238681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	66427	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	104970	53.011	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.020%
35) Dibromofluoromethane	8.171	113	81839	45.187	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.380%
50) Toluene-d8	10.571	98	251406	37.805	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	75.600%#
62) 4-Bromofluorobenzene	12.853	95	81885	38.602	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	77.200%#

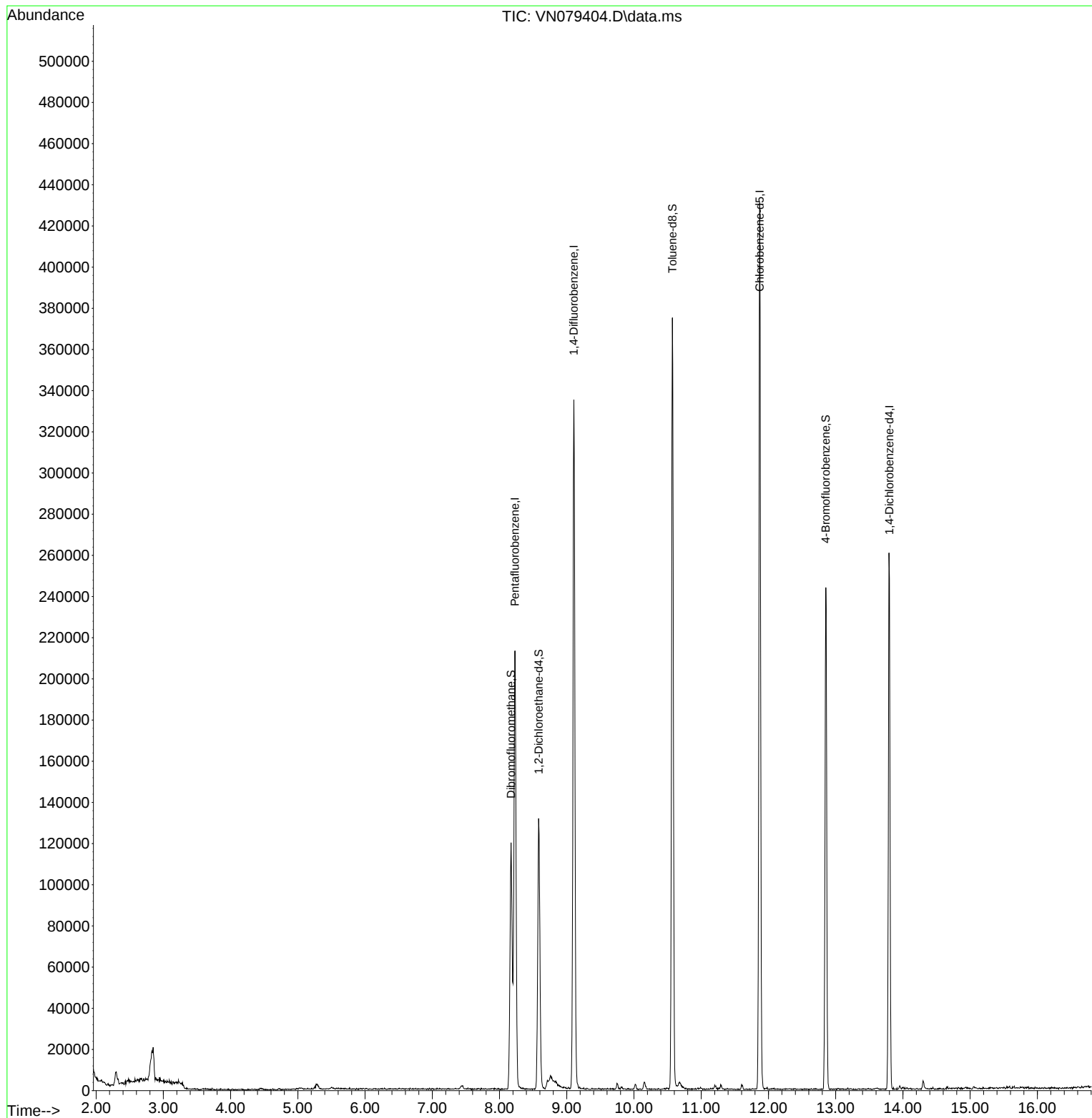
Target Compounds	Qvalue

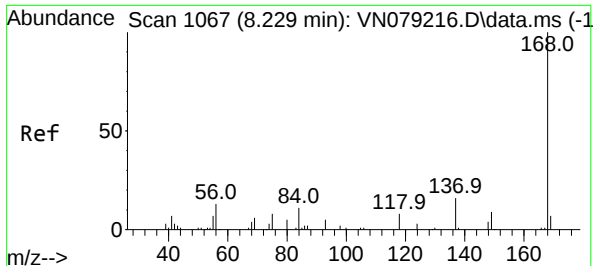
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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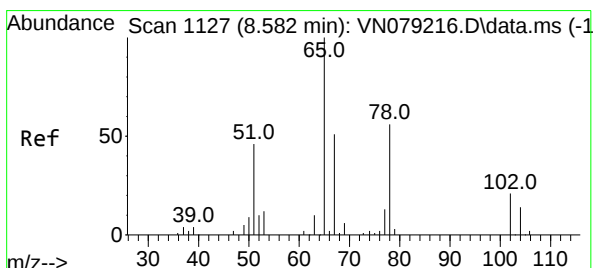
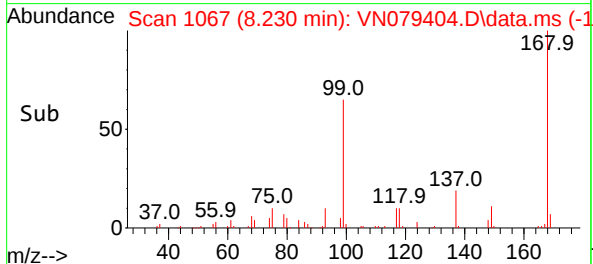
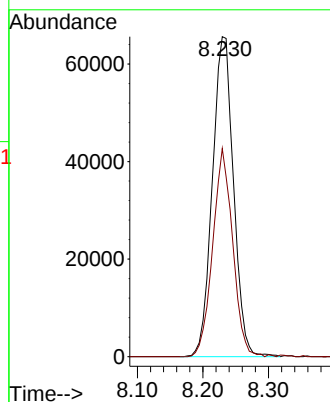
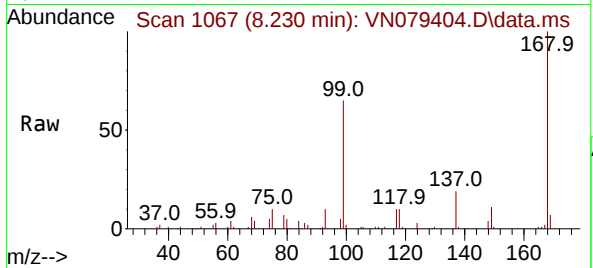




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079404.D
Acq: 04 Oct 2023 15:35

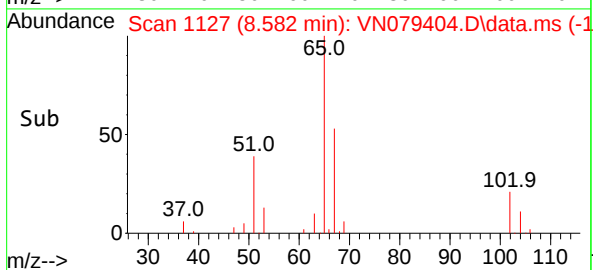
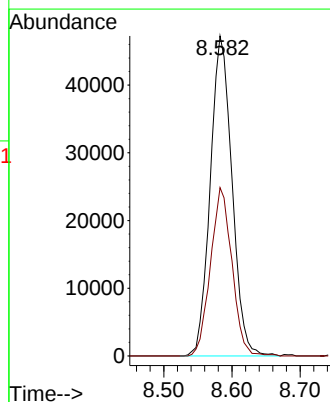
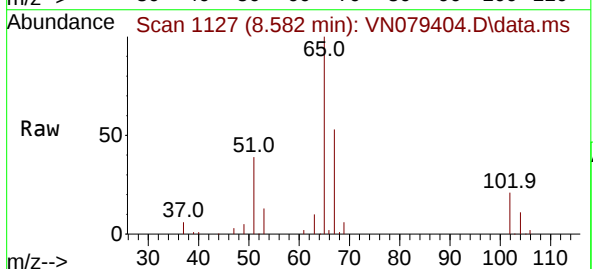
Instrument :
MSVOA_N
ClientSampleId :
TW-1

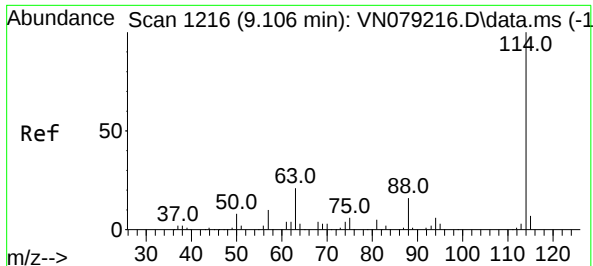
Tgt Ion:168 Resp: 146688
Ion Ratio Lower Upper
168 100
99 65.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 53.011 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079404.D
Acq: 04 Oct 2023 15:35

Tgt Ion: 65 Resp: 104970
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.6

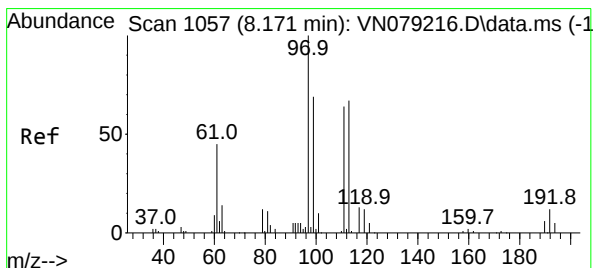
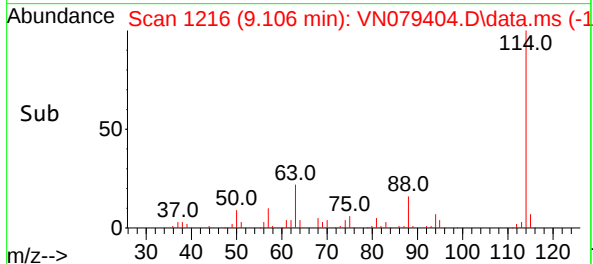
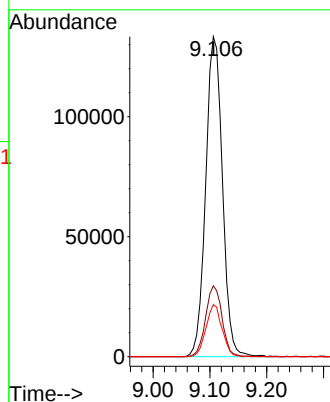
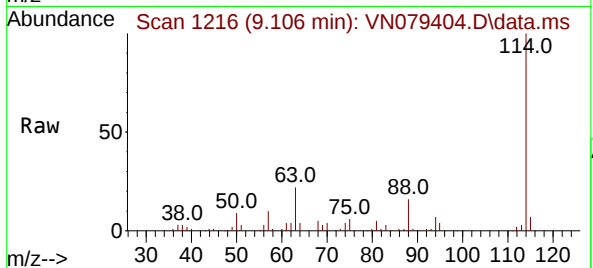




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079404.D
Acq: 04 Oct 2023 15:35

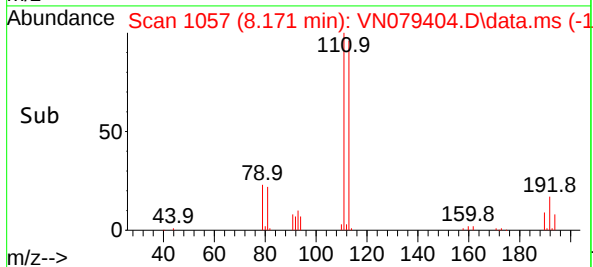
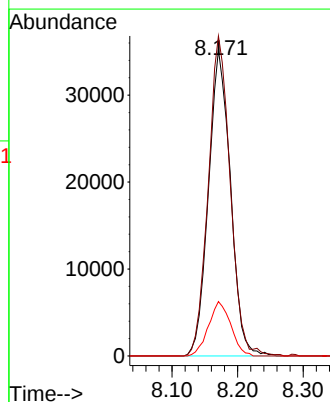
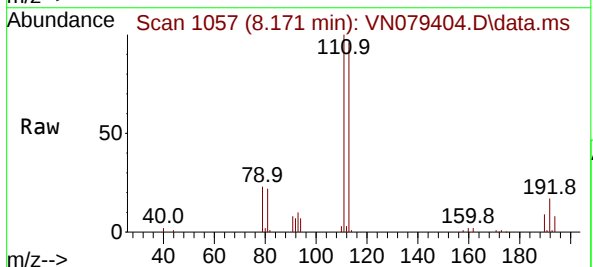
Instrument :
MSVOA_N
ClientSampleId :
TW-1

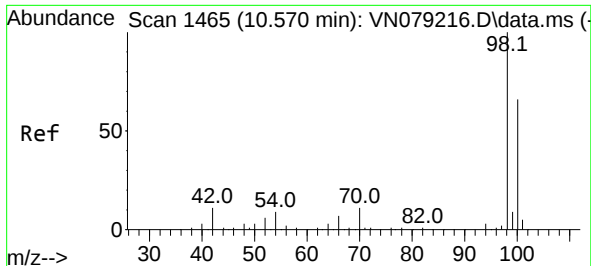
Tgt Ion:114 Resp: 272273
Ion Ratio Lower Upper
114 100
63 22.2 0.0 36.4
88 16.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 45.187 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079404.D
Acq: 04 Oct 2023 15:35

Tgt Ion:113 Resp: 81839
Ion Ratio Lower Upper
113 100
111 104.6 82.6 123.8
192 18.1 12.7 19.1

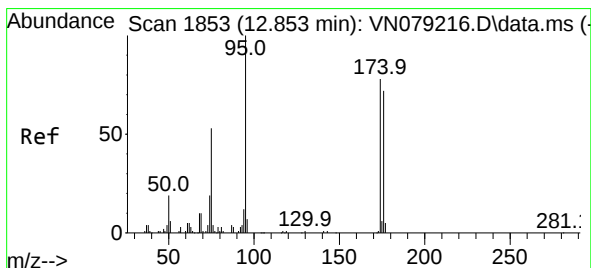
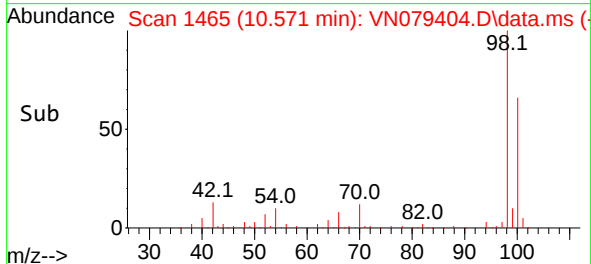
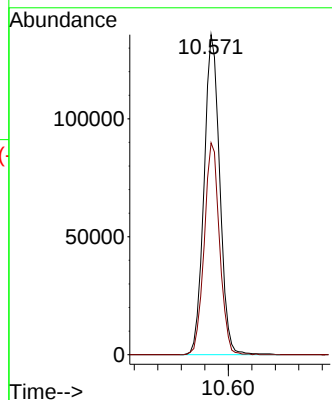
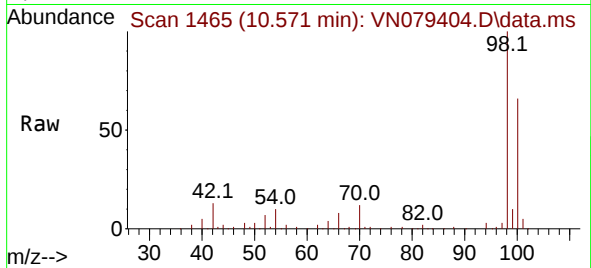




#50
Toluene-d8
Concen: 37.805 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079404.D
Acq: 04 Oct 2023 15:35

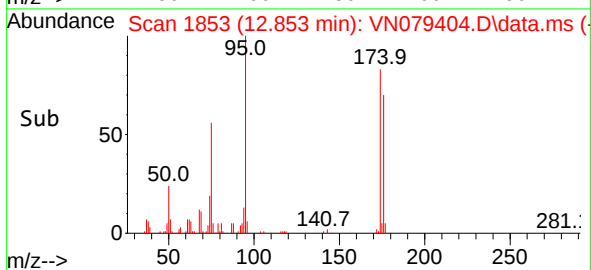
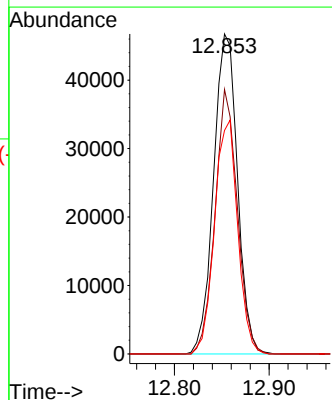
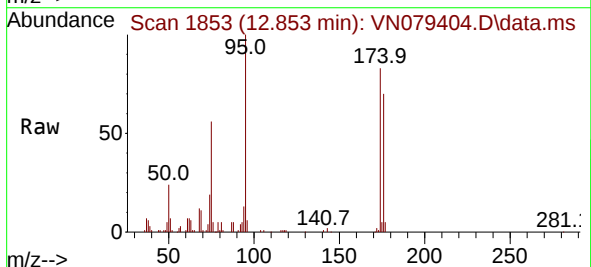
Instrument :
MSVOA_N
ClientSampleId :
TW-1

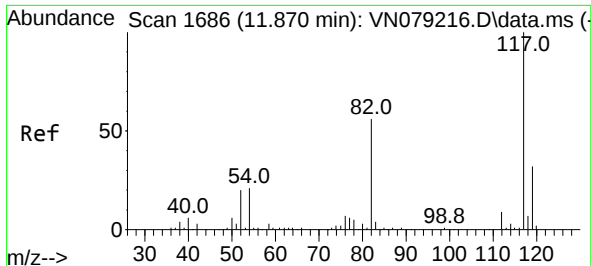
Tgt Ion: 98 Resp: 251406
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 38.602 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079404.D
Acq: 04 Oct 2023 15:35

Tgt Ion: 95 Resp: 81885
Ion Ratio Lower Upper
95 100
174 77.4 0.0 143.8
176 71.0 0.0 135.8

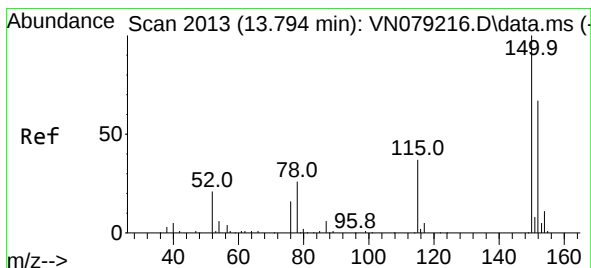
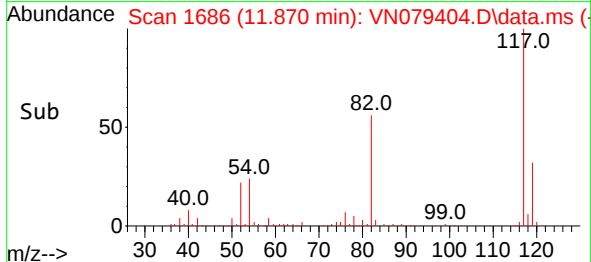
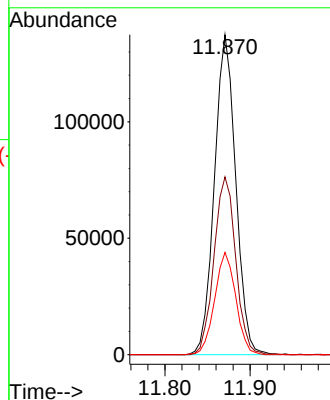
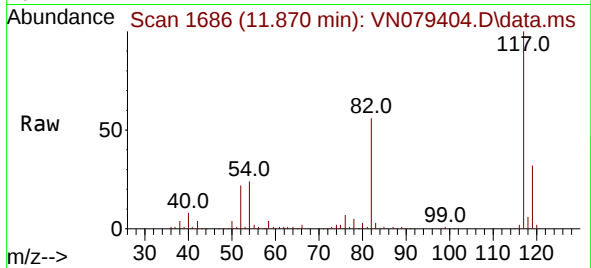




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN079404.D
Acq: 04 Oct 2023 15:35

Instrument :
MSVOA_N
ClientSampleId :
TW-1

Tgt Ion:117 Resp: 238681
Ion Ratio Lower Upper
117 100
82 55.5 44.0 66.0
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN079404.D
Acq: 04 Oct 2023 15:35

Tgt Ion:152 Resp: 66427
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 161.7 0.0 355.8

