

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110423\
 Data File : VN079891.D
 Acq On : 04 Nov 2023 14:30
 Operator : JC\MD
 Sample : VN1104WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBL01

Quant Time: Nov 06 02:12:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	270995	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	538203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	528567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	209229	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	228693	55.391	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.780%
35) Dibromofluoromethane	8.171	113	188530	49.494	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.980%
50) Toluene-d8	10.571	98	657461	46.885	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.760%
62) 4-Bromofluorobenzene	12.853	95	216390	46.528	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.060%

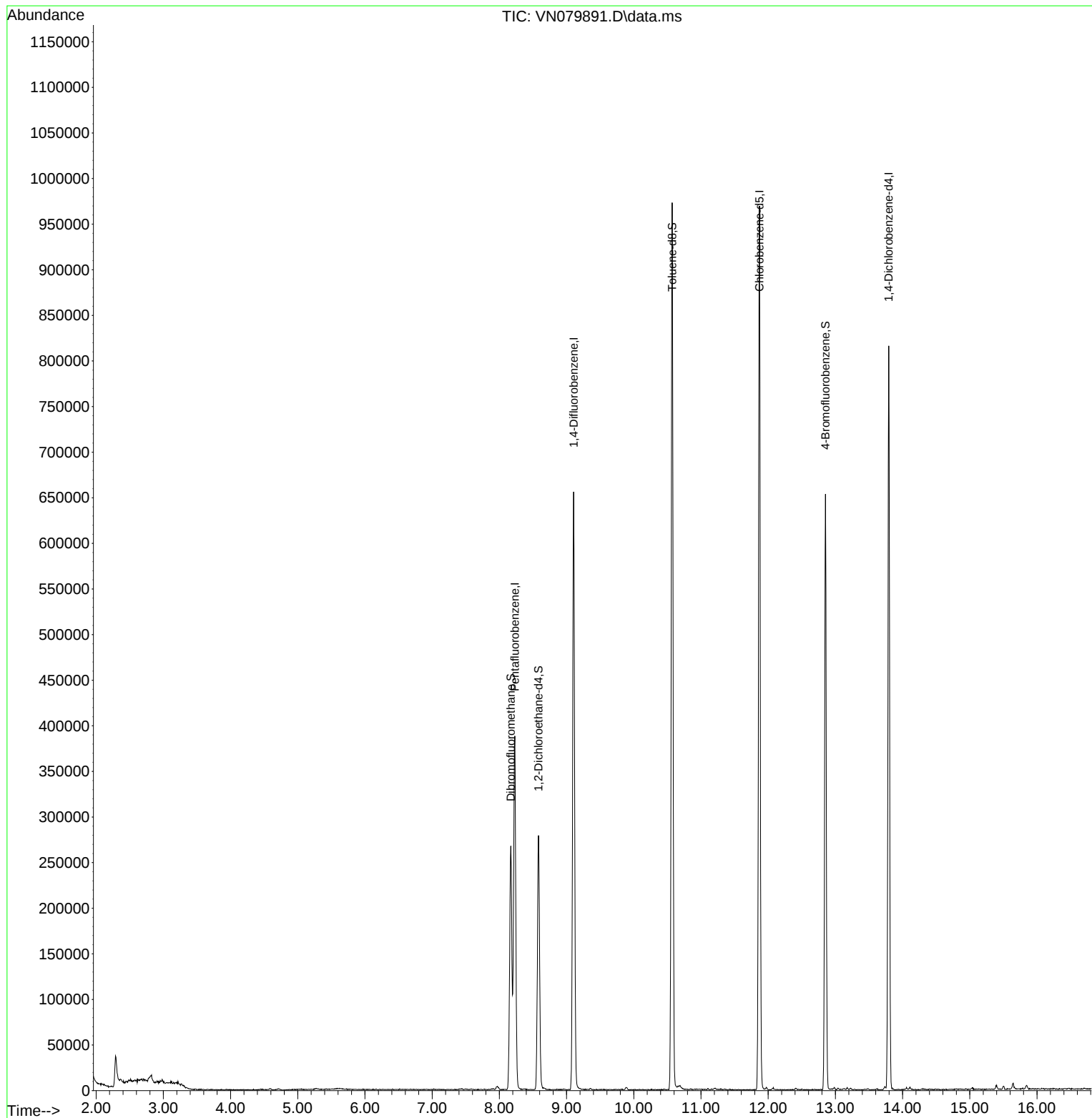
Target Compounds	Qvalue

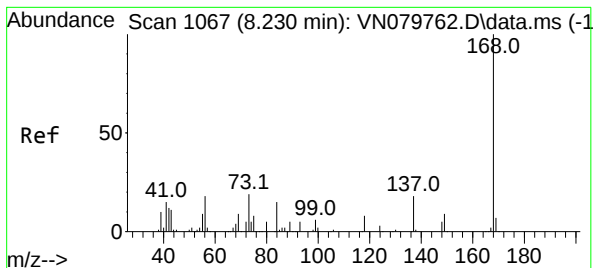
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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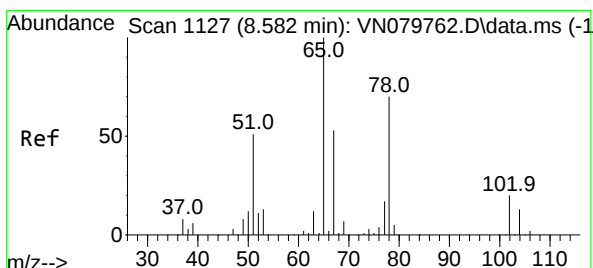
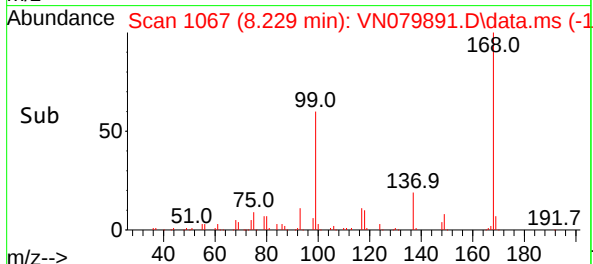
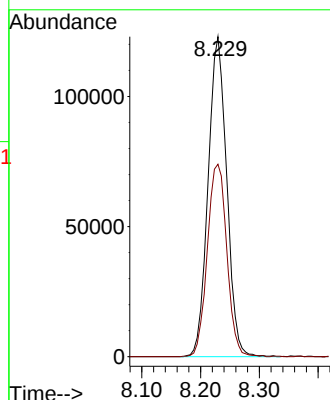
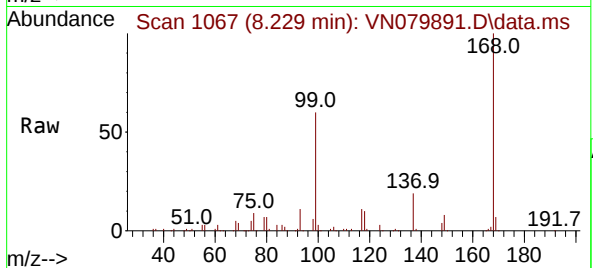




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079891.D
Acq: 04 Nov 2023 14:30

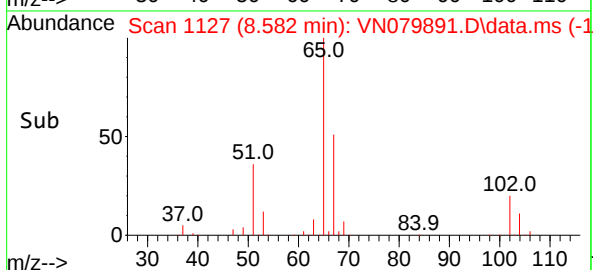
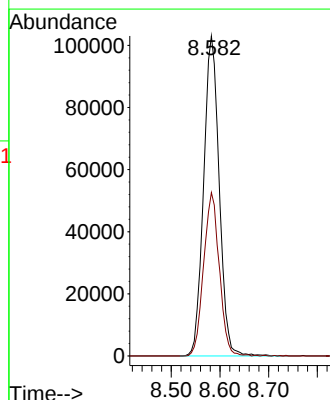
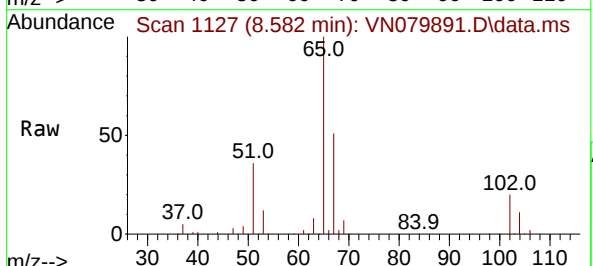
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBL01

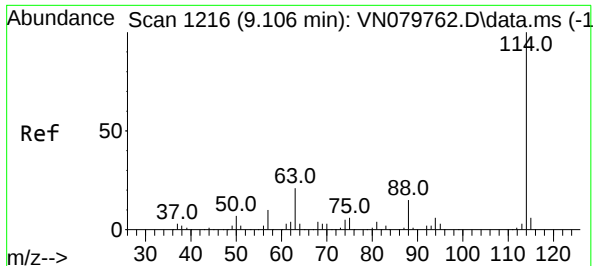
Tgt Ion:168 Resp: 270995
Ion Ratio Lower Upper
168 100
99 60.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 55.391 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079891.D
Acq: 04 Nov 2023 14:30

Tgt Ion: 65 Resp: 228693
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.6

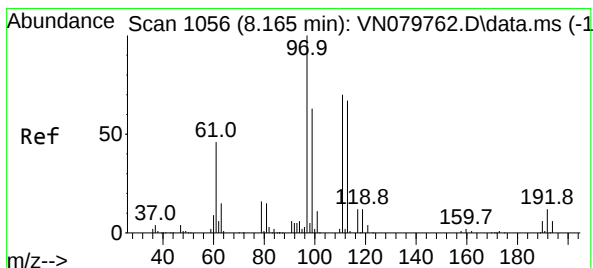
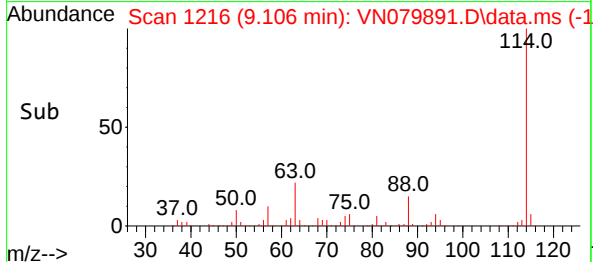
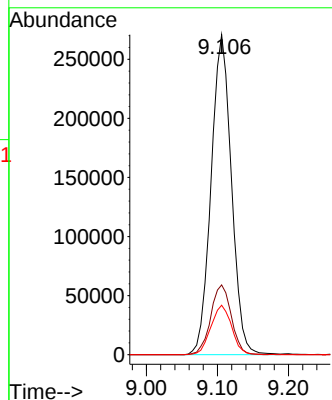
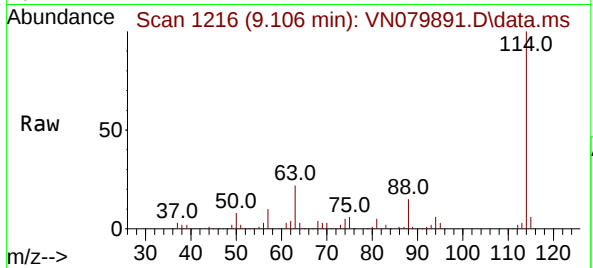




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079891.D
Acq: 04 Nov 2023 14:30

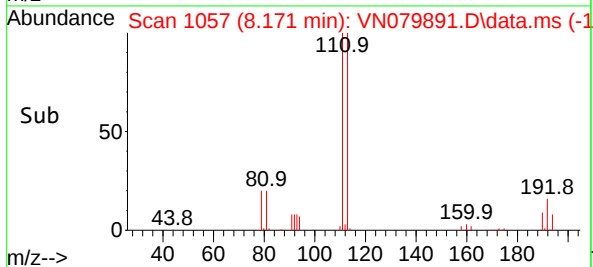
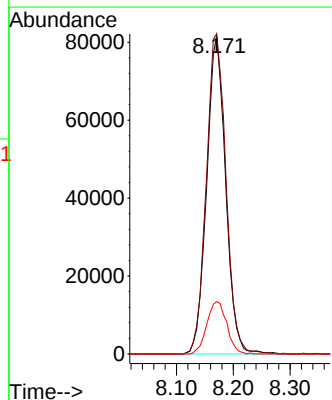
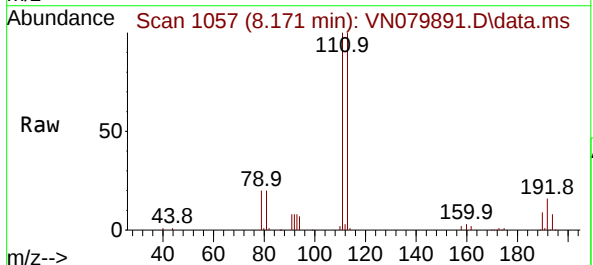
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBL01

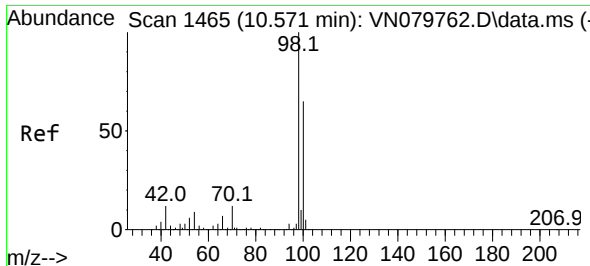
Tgt Ion:114 Resp: 538203
Ion Ratio Lower Upper
114 100
63 21.8 0.0 36.4
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.494 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079891.D
Acq: 04 Nov 2023 14:30

Tgt Ion:113 Resp: 188530
Ion Ratio Lower Upper
113 100
111 104.8 82.6 123.8
192 17.3 12.7 19.1

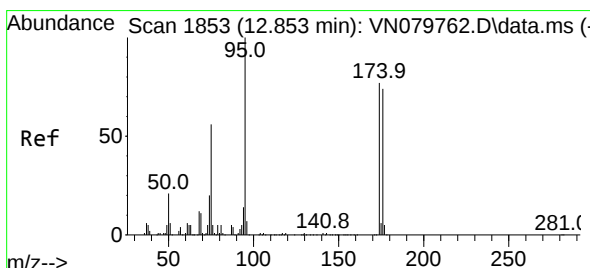
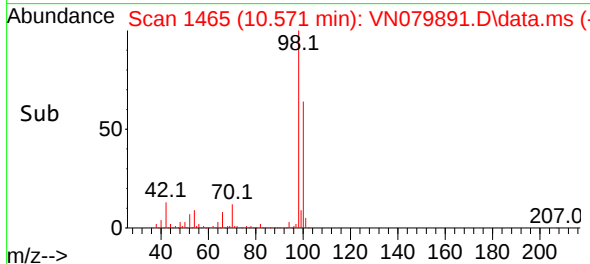
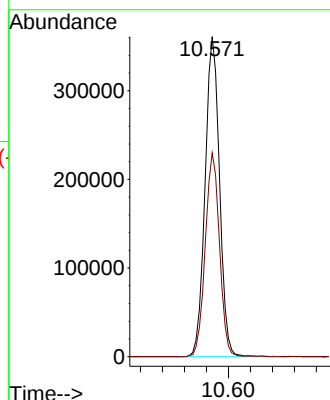
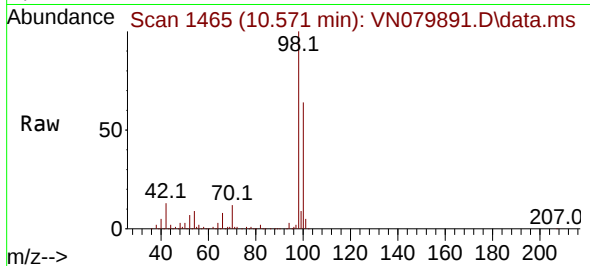




#50
Toluene-d8
Concen: 46.885 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079891.D
Acq: 04 Nov 2023 14:30

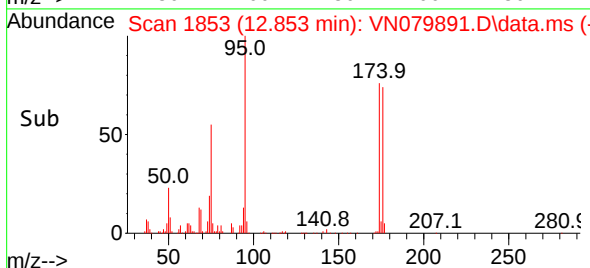
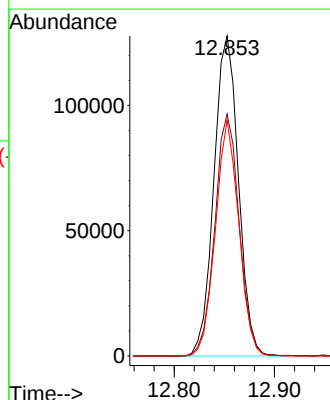
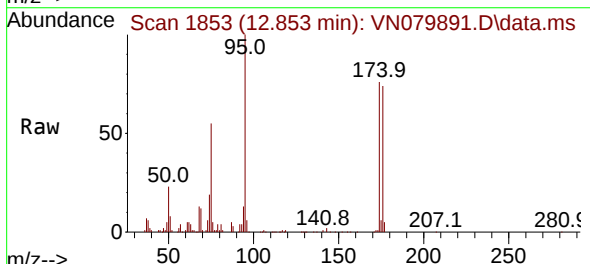
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBL01

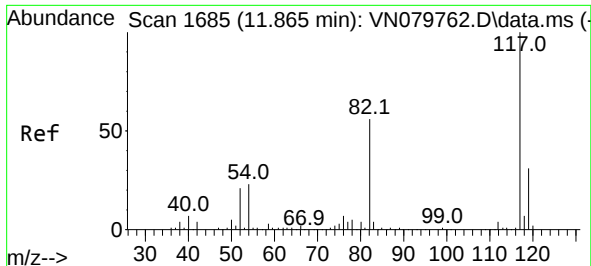
Tgt Ion: 98 Resp: 657461
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.528 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079891.D
Acq: 04 Nov 2023 14:30

Tgt Ion: 95 Resp: 216390
Ion Ratio Lower Upper
95 100
174 75.0 0.0 143.8
176 70.2 0.0 135.8

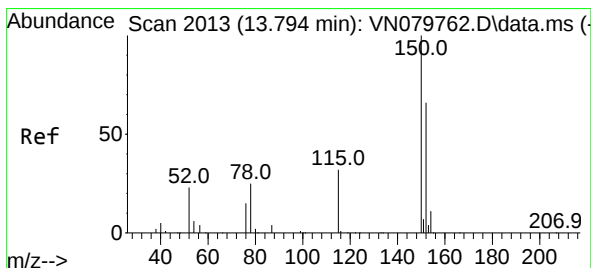
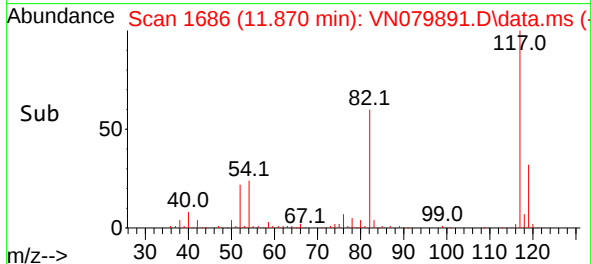
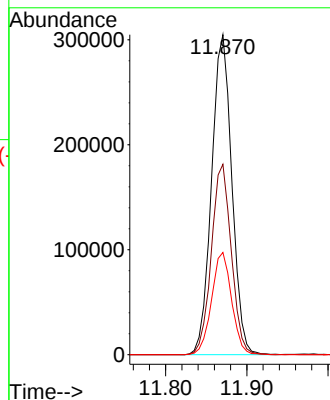
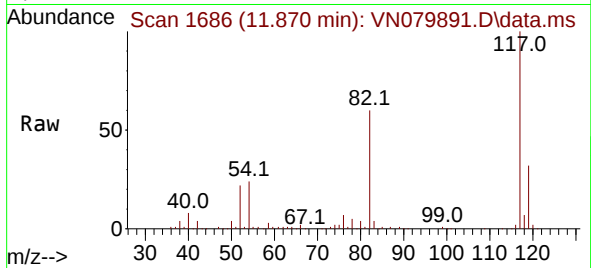




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079891.D
Acq: 04 Nov 2023 14:30

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBL01

Tgt Ion:117 Resp: 528567
Ion Ratio Lower Upper
117 100
82 59.5 44.0 66.0
119 31.9 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: VN079891.D
Acq: 04 Nov 2023 14:30

Tgt Ion:152 Resp: 209229
Ion Ratio Lower Upper
152 100
115 62.5 32.3 96.8
150 157.6 0.0 355.8

