

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110123\
 Data File : VN079777.D
 Acq On : 01 Nov 2023 17:31
 Operator : JC\MD
 Sample : 05173-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-188-TB-20231026

Quant Time: Nov 02 05:57:24 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	8.224	168	225431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	442993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	448830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	181995	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	186389	54.269	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.540%
35) Dibromofluoromethane	8.171	113	161619	51.548	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.100%
50) Toluene-d8	10.571	98	571271	49.494	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.980%
62) 4-Bromofluorobenzene	12.853	95	196117	51.232	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.460%

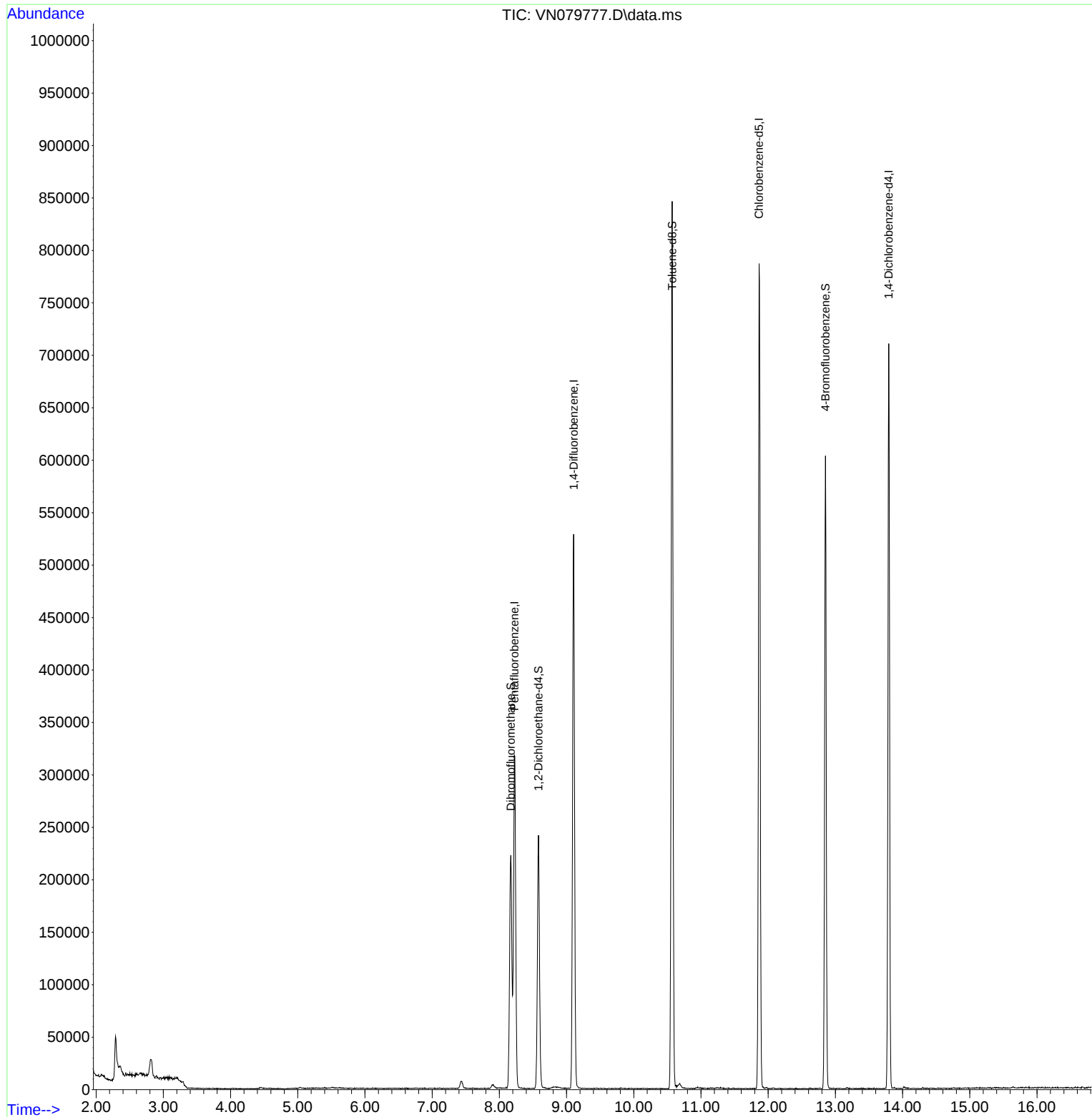
Target Compounds	Qvalue

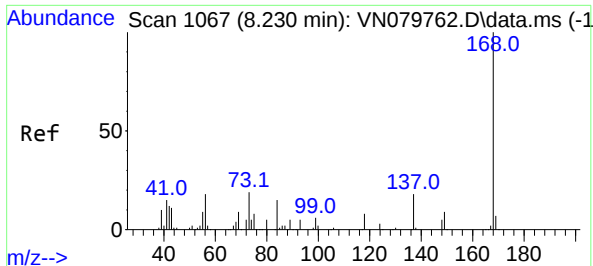
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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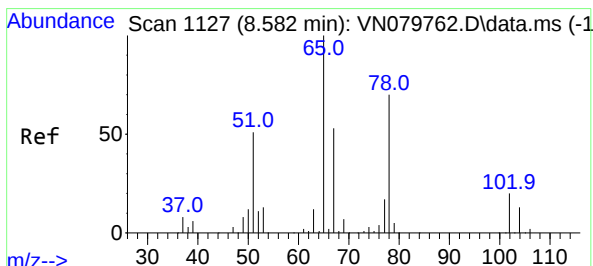
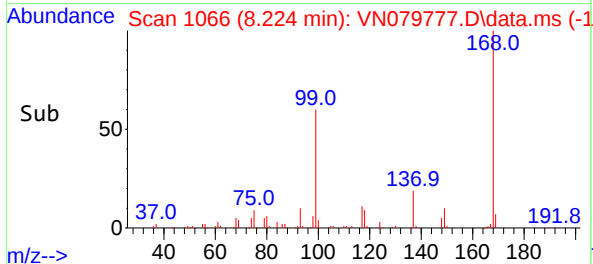
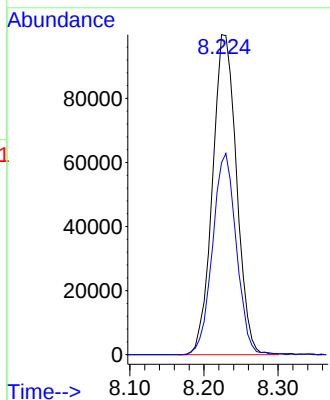
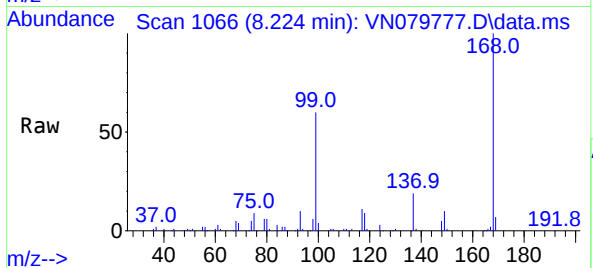




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN079777.D
Acq: 01 Nov 2023 17:31

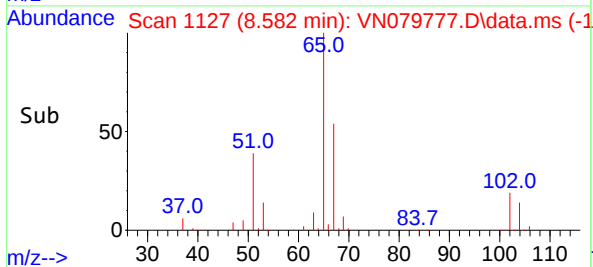
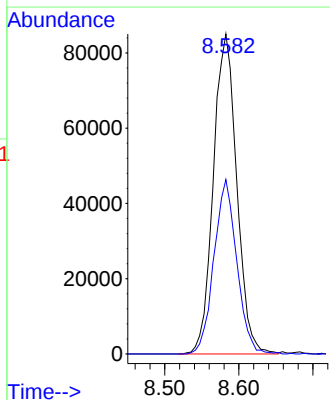
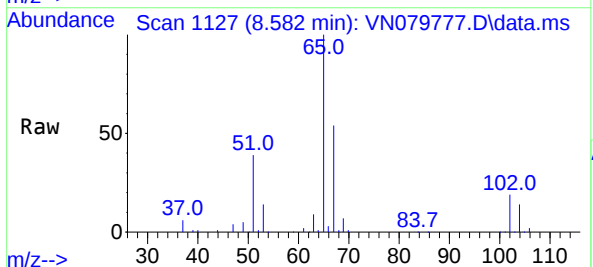
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-188-TB-20231026

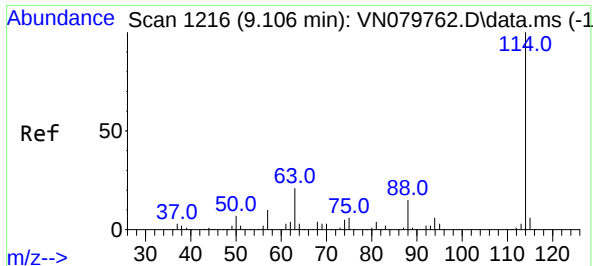
Tgt Ion:168 Resp: 225431
Ion Ratio Lower Upper
168 100
99 60.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 54.269 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079777.D
Acq: 01 Nov 2023 17:31

Tgt Ion: 65 Resp: 186389
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.6



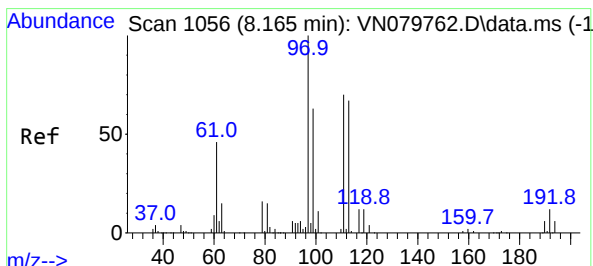
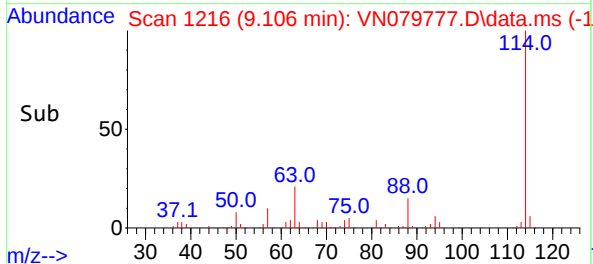
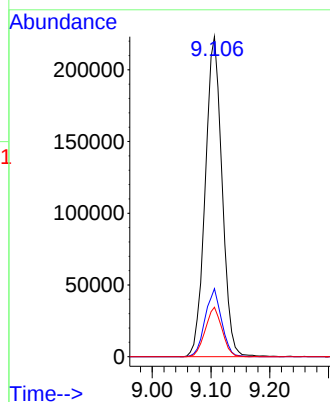
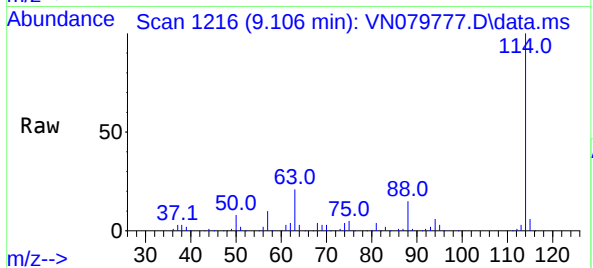


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079777.D
Acq: 01 Nov 2023 17:31

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-188-TB-20231026

Tgt Ion:114 Resp: 442993

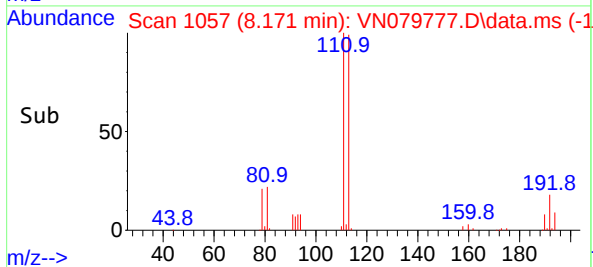
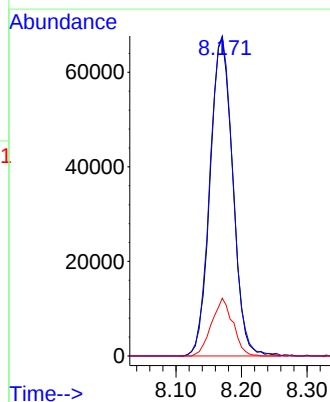
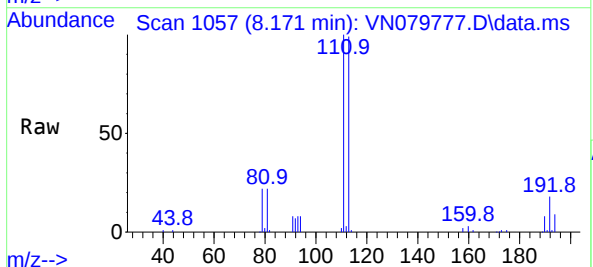
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	36.4
88	15.5	0.0	30.6

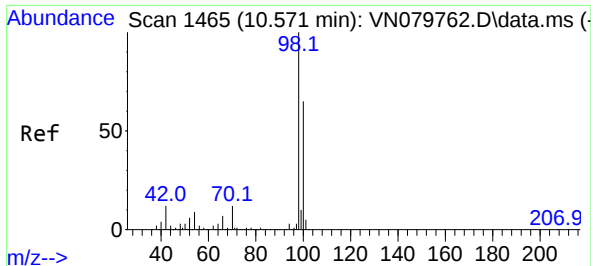


#35
Dibromofluoromethane
Concen: 51.548 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079777.D
Acq: 01 Nov 2023 17:31

Tgt Ion:113 Resp: 161619

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.6	123.8
192	17.1	12.7	19.1

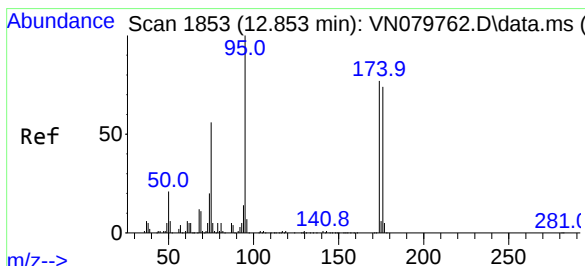
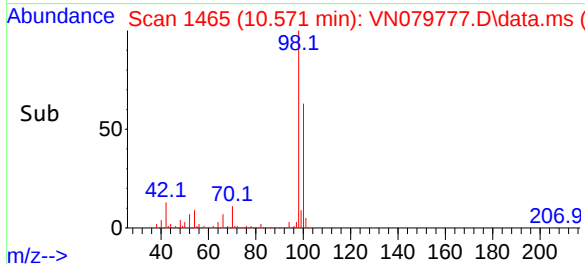
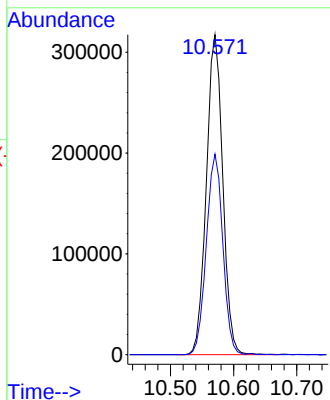
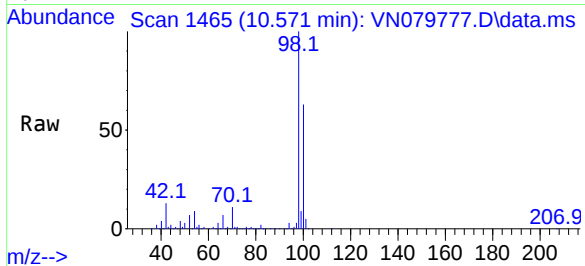




#50
Toluene-d8
Concen: 49.494 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079777.D
Acq: 01 Nov 2023 17:31

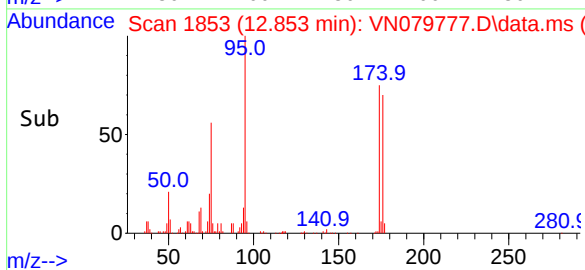
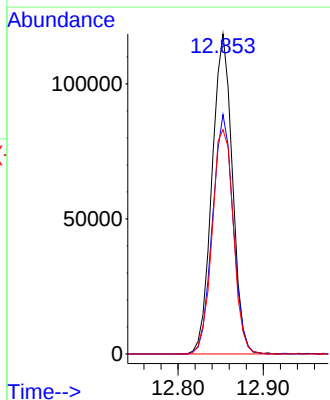
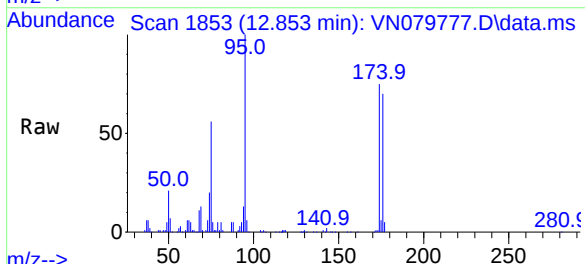
Instrument : MSVOA_N
ClientSampleId : BP-VPB-188-TB-20231026

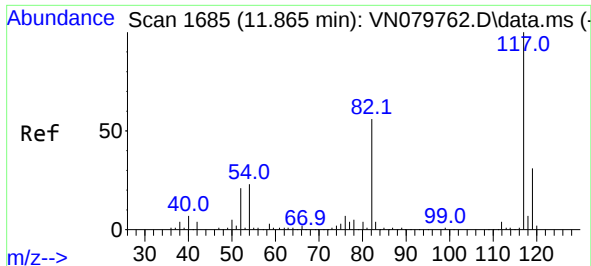
Tgt Ion: 98 Resp: 571271
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.232 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079777.D
Acq: 01 Nov 2023 17:31

Tgt Ion: 95 Resp: 196117
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 73.4 0.0 135.8

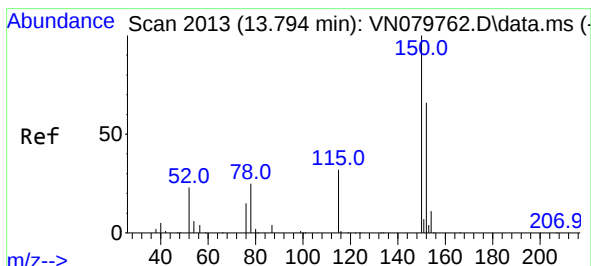
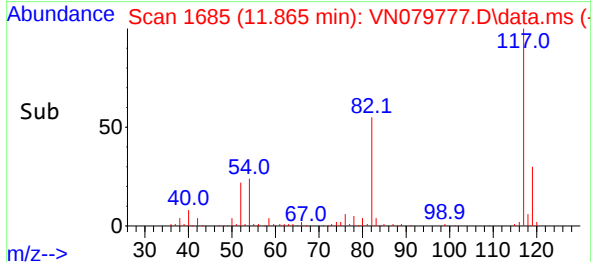
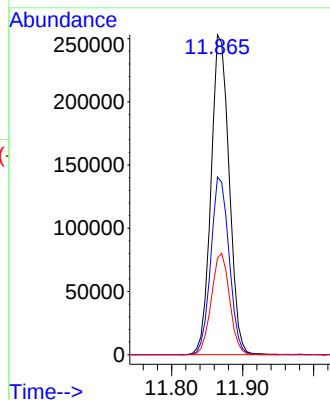
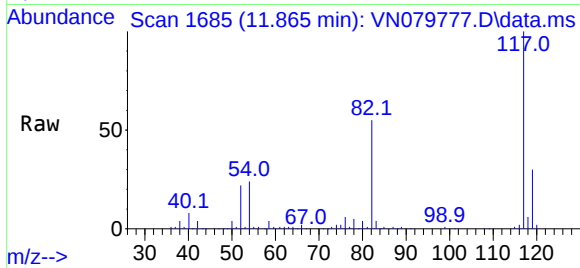




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079777.D
Acq: 01 Nov 2023 17:31

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-188-TB-20231026

Tgt Ion:117 Resp: 448830
Ion Ratio Lower Upper
117 100
82 55.5 44.0 66.0
119 30.2 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: VN079777.D
Acq: 01 Nov 2023 17:31

Tgt Ion:152 Resp: 181995
Ion Ratio Lower Upper
152 100
115 61.4 32.3 96.8
150 159.4 0.0 355.8

