

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020123\
 Data File : VN076498.D
 Acq On : 01 Feb 2023 14:53
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 01 23:52:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	602003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	977082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	853640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	346796	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	350578	52.010	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.020%
35) Dibromofluoromethane	8.177	113	291871	47.753	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.500%
50) Toluene-d8	10.571	98	1126622	49.911	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.820%
62) 4-Bromofluorobenzene	12.853	95	383172	51.999	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.000%

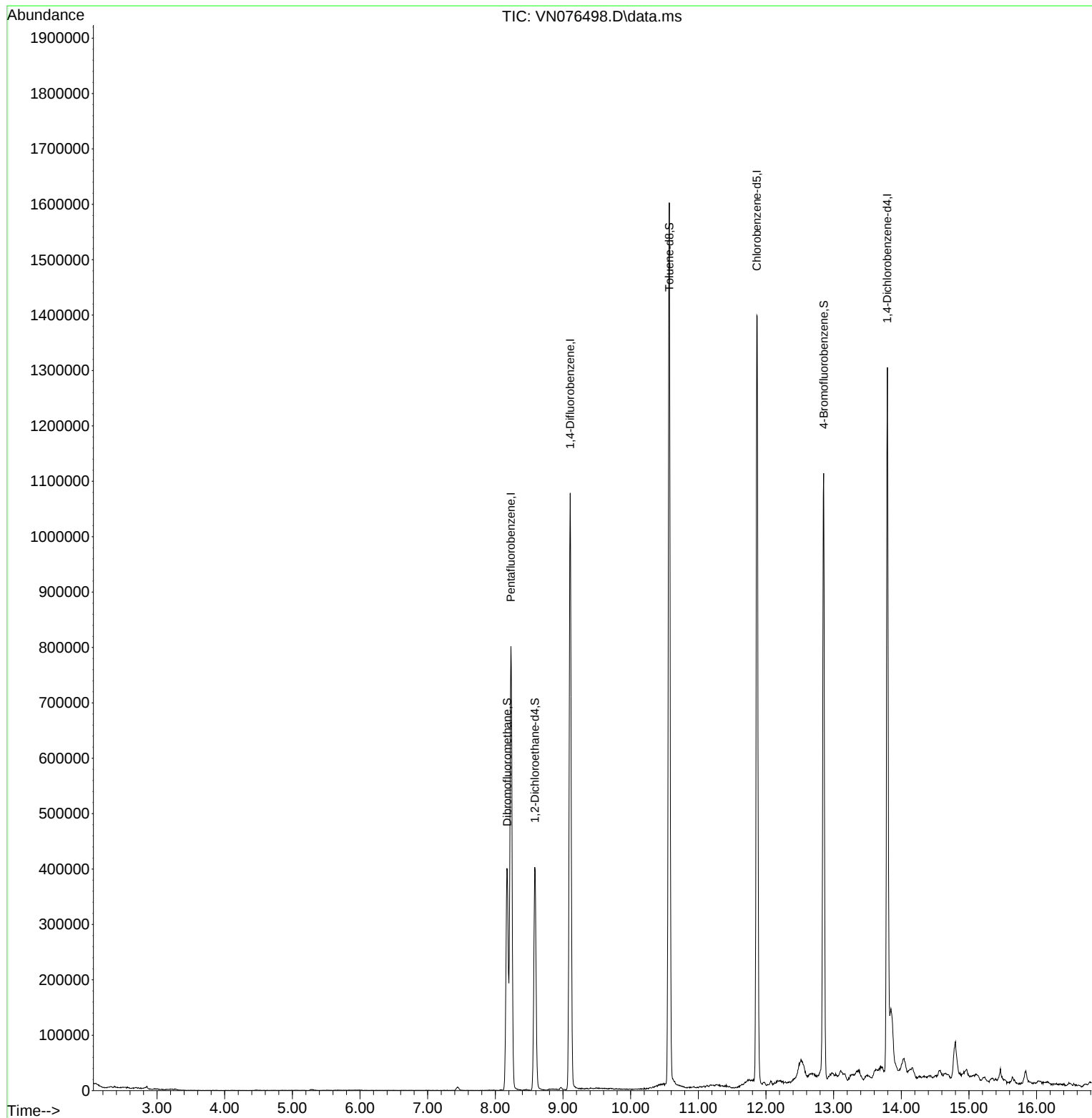
Target Compounds	Qvalue

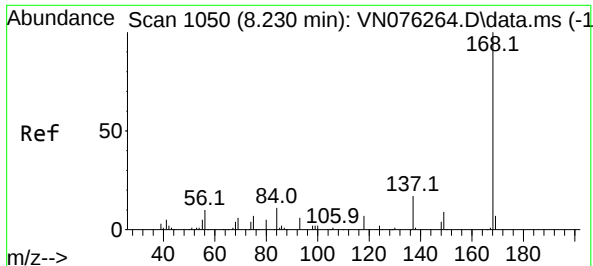
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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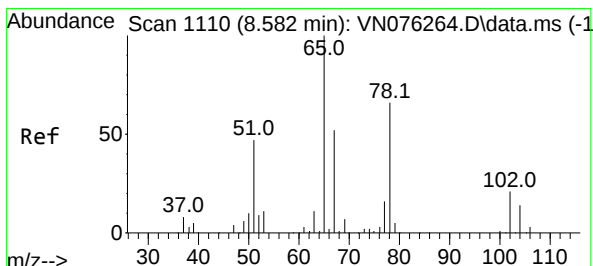
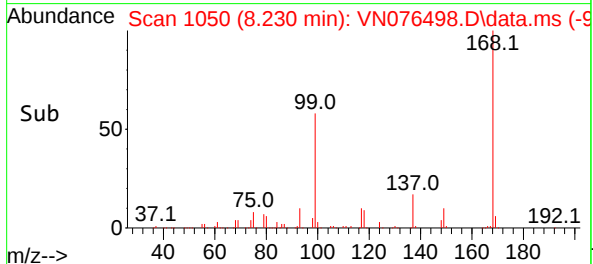
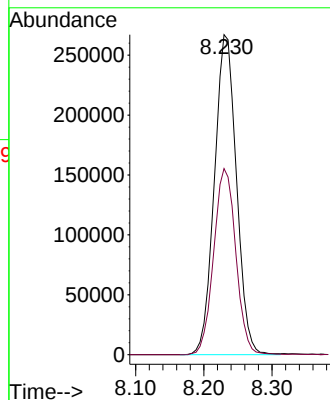
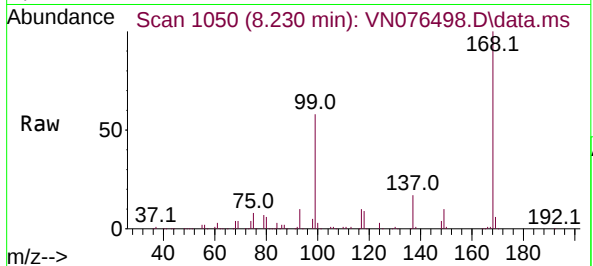




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN076498.D
Acq: 01 Feb 2023 14:53

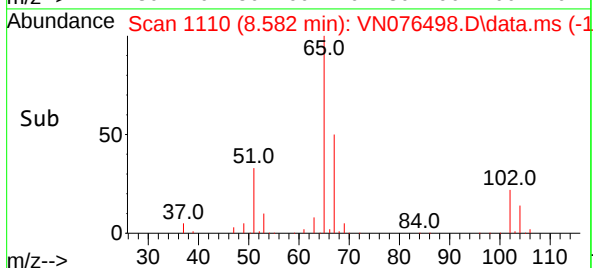
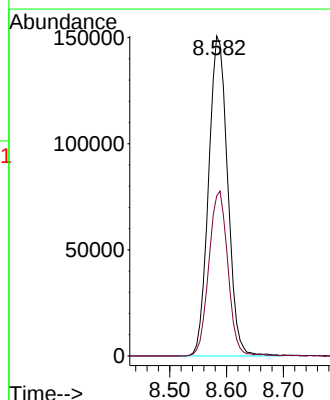
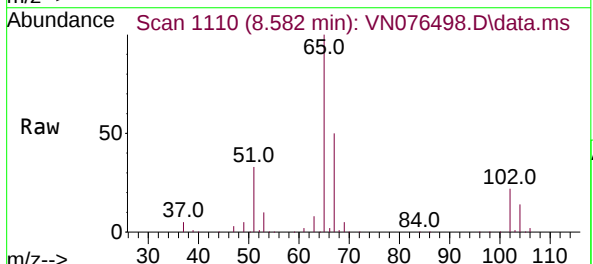
Instrument :
MSVOA_N
ClientSampleId :
IBLK

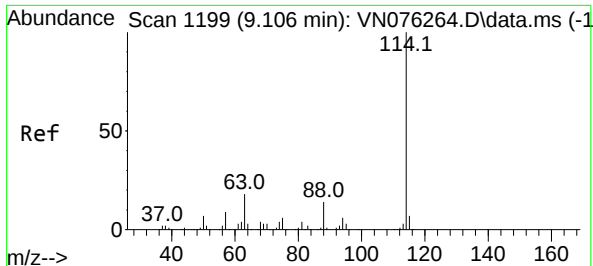
Tgt Ion:168 Resp: 602003
Ion Ratio Lower Upper
168 100
99 58.1 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 52.010 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076498.D
Acq: 01 Feb 2023 14:53

Tgt Ion: 65 Resp: 350578
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.6

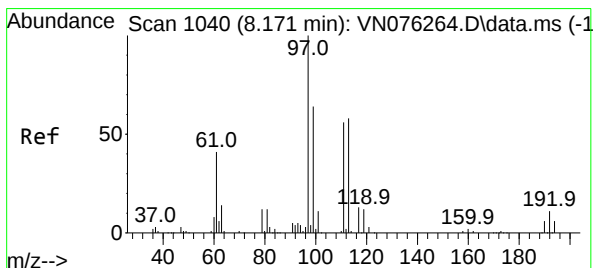
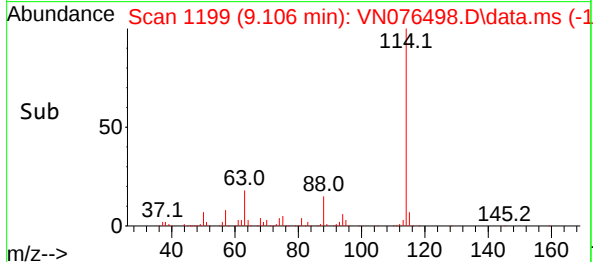
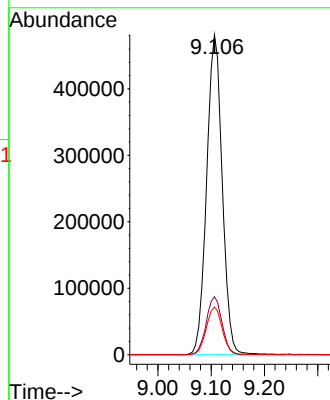
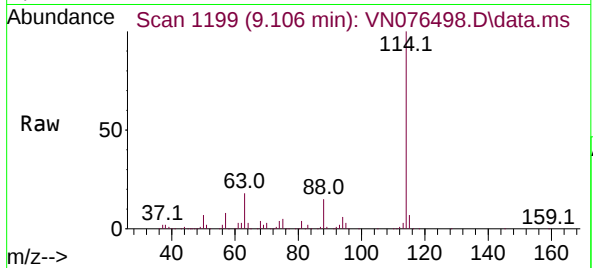




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN076498.D
Acq: 01 Feb 2023 14:53

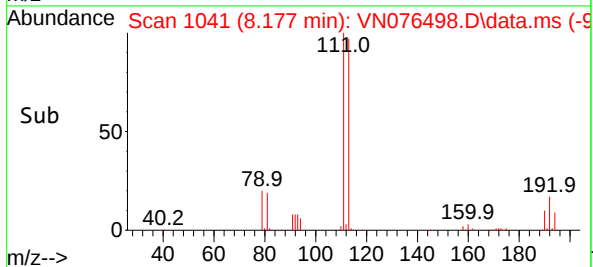
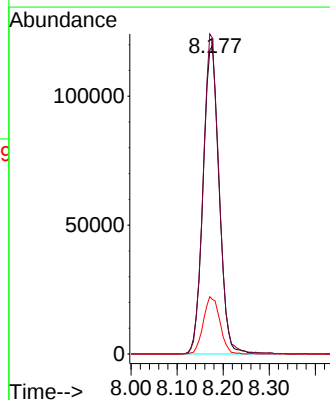
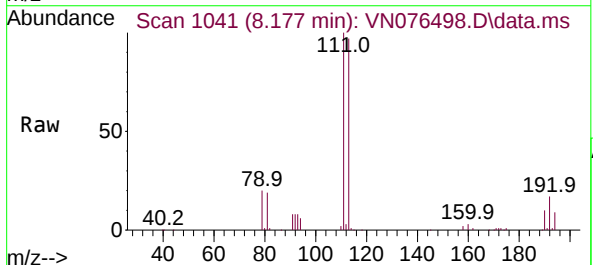
Instrument :
MSVOA_N
ClientSampleId :
IBLK

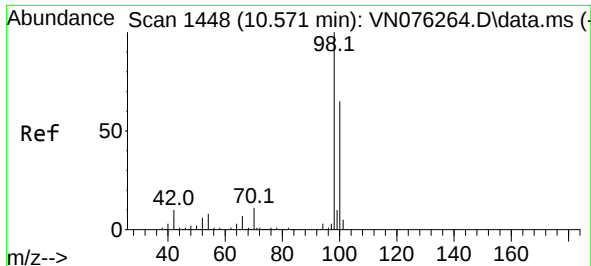
Tgt Ion:114 Resp: 977082
Ion Ratio Lower Upper
114 100
63 18.1 0.0 35.8
88 14.9 0.0 28.0



#35
Dibromofluoromethane
Concen: 47.753 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076498.D
Acq: 01 Feb 2023 14:53

Tgt Ion:113 Resp: 291871
Ion Ratio Lower Upper
113 100
111 101.9 82.7 124.1
192 19.0 15.6 23.4

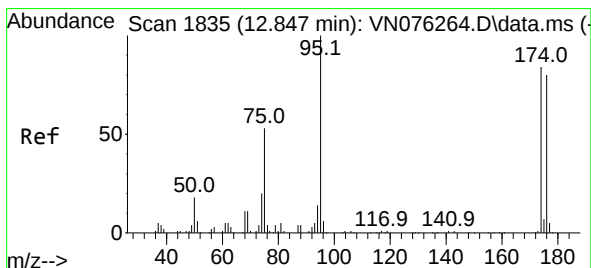
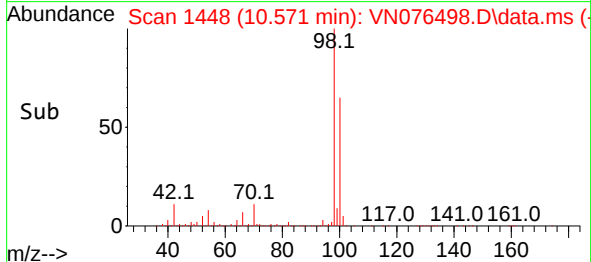
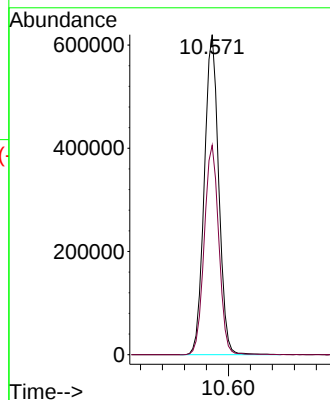
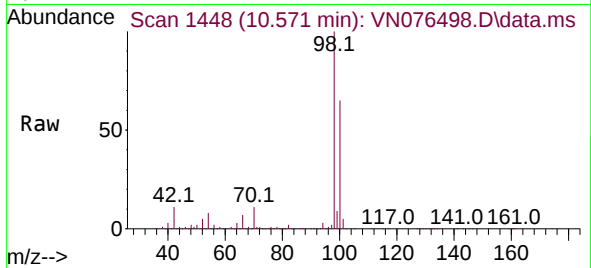




#50
Toluene-d8
Concen: 49.911 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076498.D
Acq: 01 Feb 2023 14:53

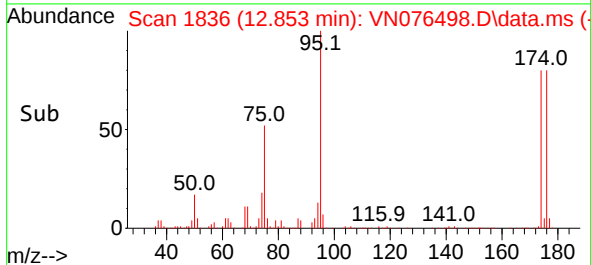
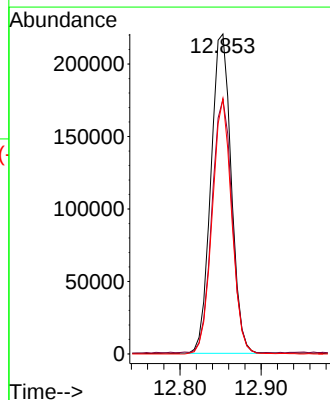
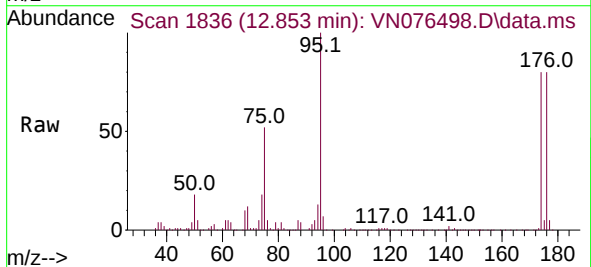
Instrument :
MSVOA_N
ClientSampleId :
IBLK

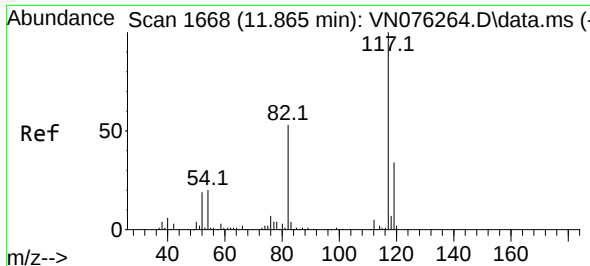
Tgt Ion: 98 Resp: 1126622
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 51.999 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076498.D
Acq: 01 Feb 2023 14:53

Tgt Ion: 95 Resp: 383172
Ion Ratio Lower Upper
95 100
174 78.9 0.0 174.6
176 76.5 0.0 167.8

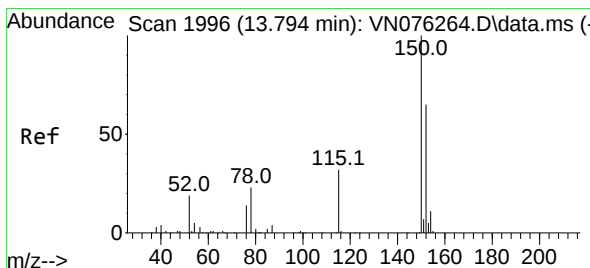
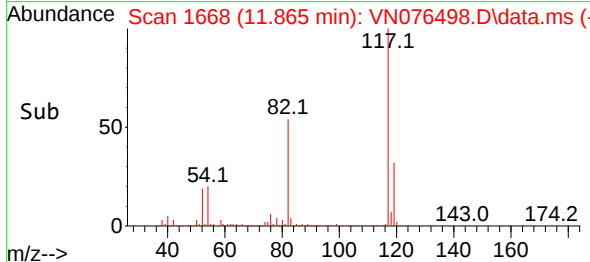
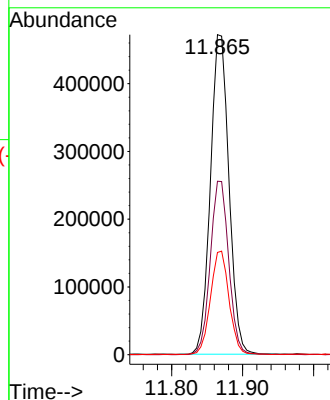
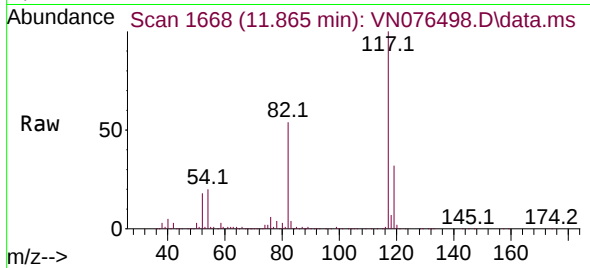




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076498.D
Acq: 01 Feb 2023 14:53

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 853640
Ion Ratio Lower Upper
117 100
82 54.2 42.2 63.2
119 31.9 26.9 40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076498.D
Acq: 01 Feb 2023 14:53

Tgt Ion:152 Resp: 346796
Ion Ratio Lower Upper
152 100
115 61.8 29.6 88.9
150 156.7 0.0 351.4

