

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041723\
 Data File : VN077360.D
 Acq On : 17 Apr 2023 16:32
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 18 04:42:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	504707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	949651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	854261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	308827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	307317	44.551	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.100%
35) Dibromofluoromethane	8.172	113	285728	47.000	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.000%
50) Toluene-d8	10.572	98	1161174	47.446	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.900%
62) 4-Bromofluorobenzene	12.854	95	352798	43.344	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.680%

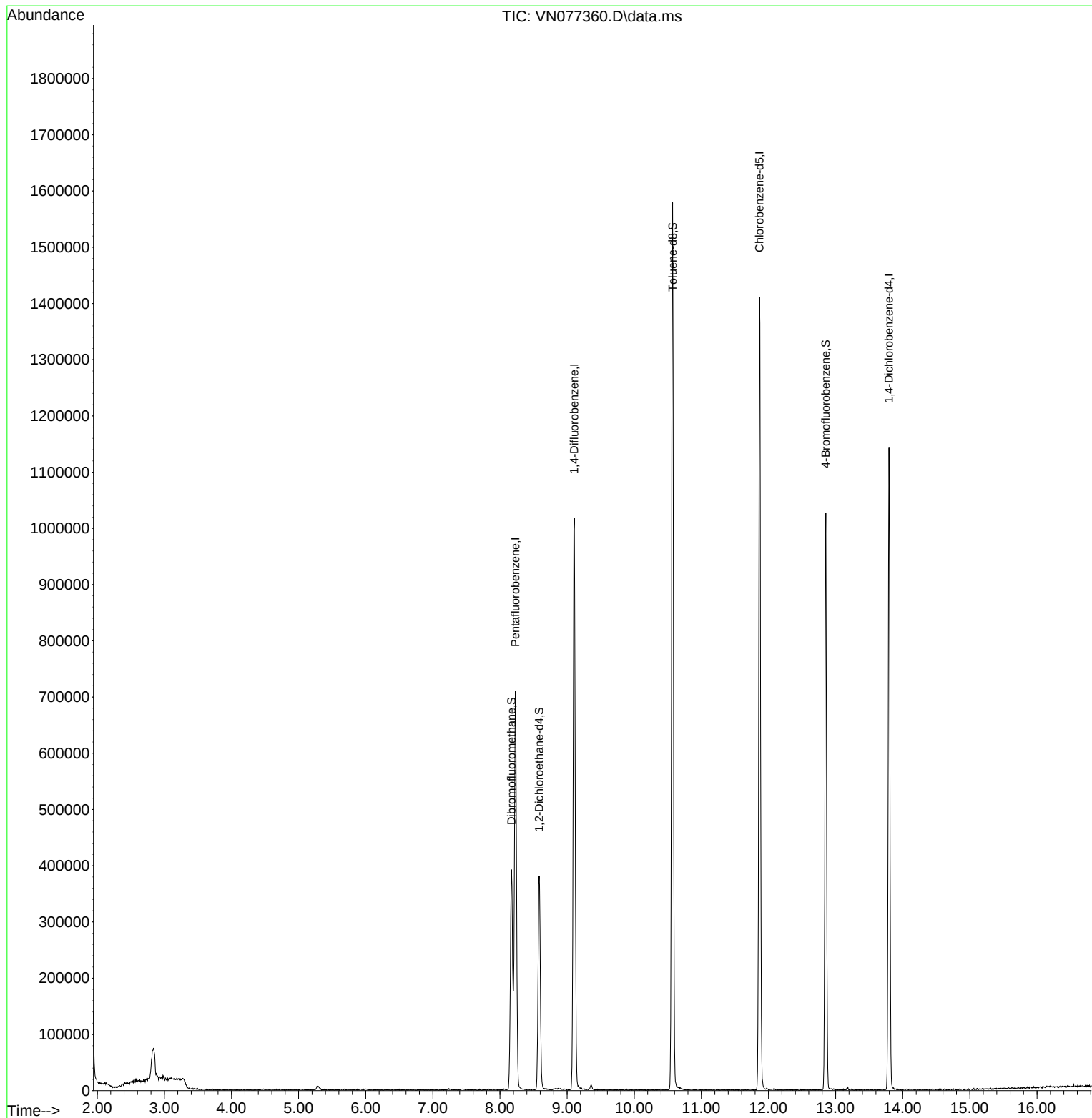
Target Compounds	Qvalue

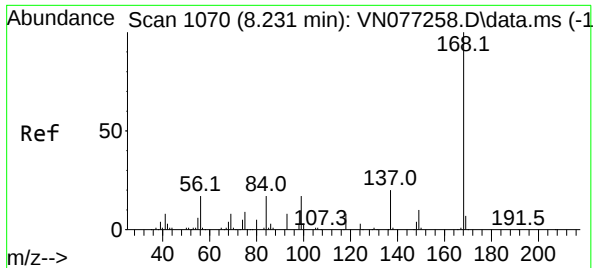
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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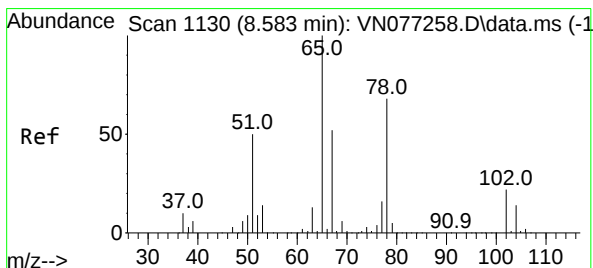
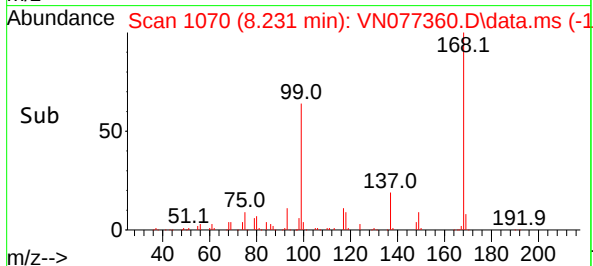
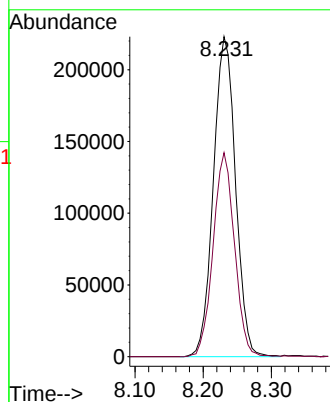
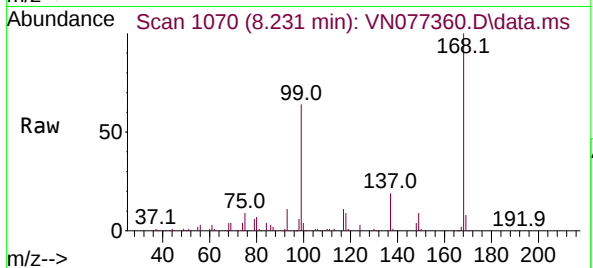




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077360.D
Acq: 17 Apr 2023 16:32

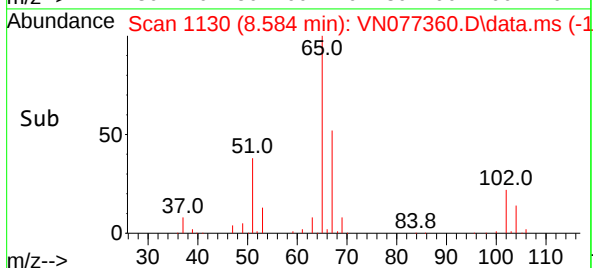
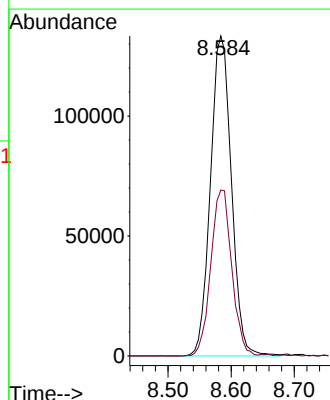
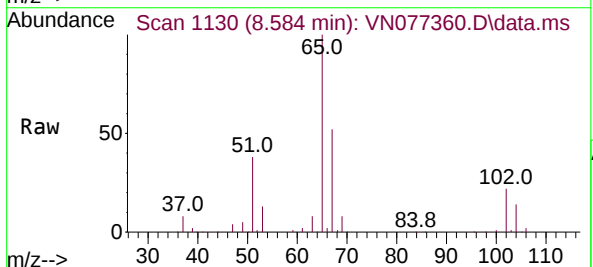
Instrument :
MSVOA_N
ClientSampleId :
IBLK

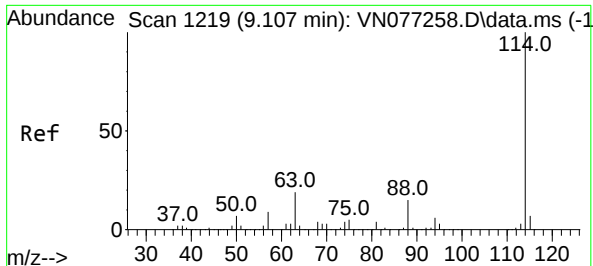
Tgt Ion:168 Resp: 504707
Ion Ratio Lower Upper
168 100
99 63.7 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 44.551 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077360.D
Acq: 17 Apr 2023 16:32

Tgt Ion: 65 Resp: 307317
Ion Ratio Lower Upper
65 100
67 51.9 0.0 108.8

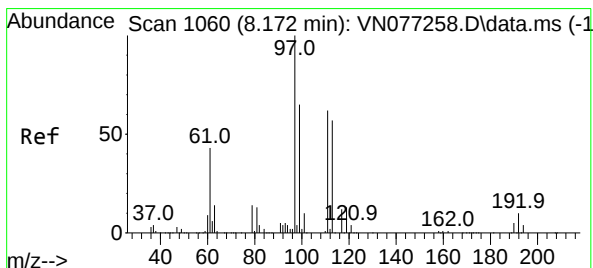
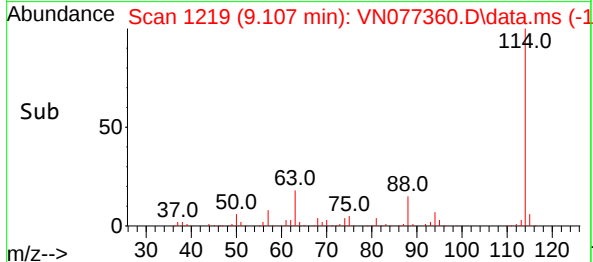
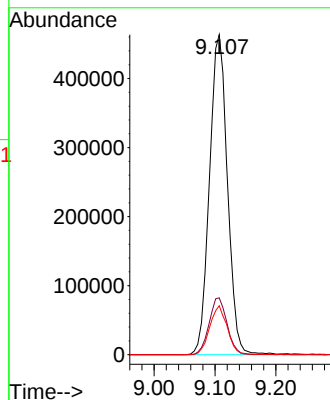
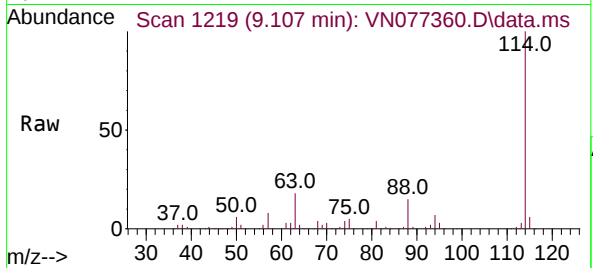




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077360.D
Acq: 17 Apr 2023 16:32

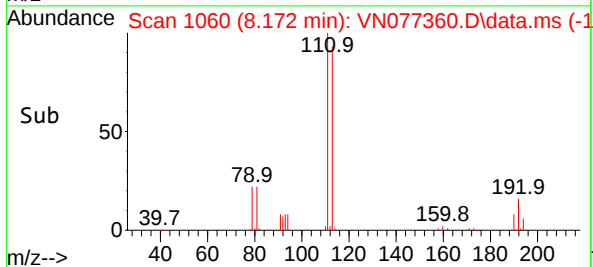
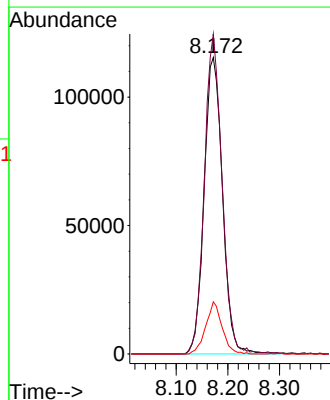
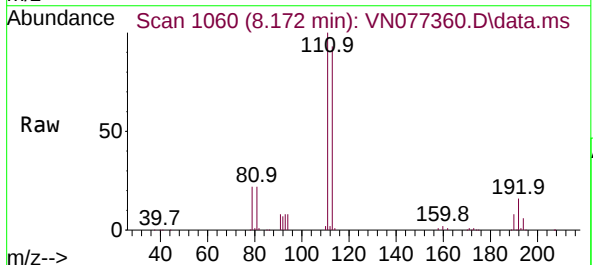
Instrument :
MSVOA_N
ClientSampleId :
IBLK

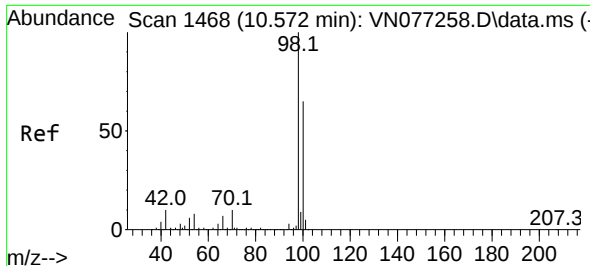
Tgt Ion:114 Resp: 949651
Ion Ratio Lower Upper
114 100
63 17.7 0.0 37.8
88 15.3 0.0 29.4



#35
Dibromofluoromethane
Concen: 47.000 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077360.D
Acq: 17 Apr 2023 16:32

Tgt Ion:113 Resp: 285728
Ion Ratio Lower Upper
113 100
111 103.2 83.4 125.0
192 15.6 13.5 20.3

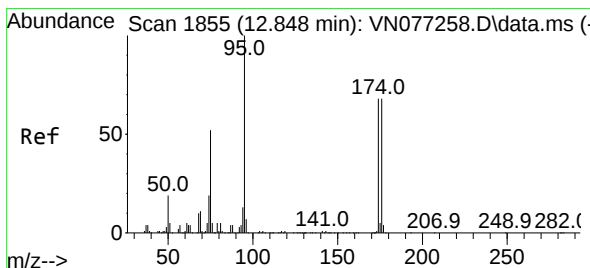
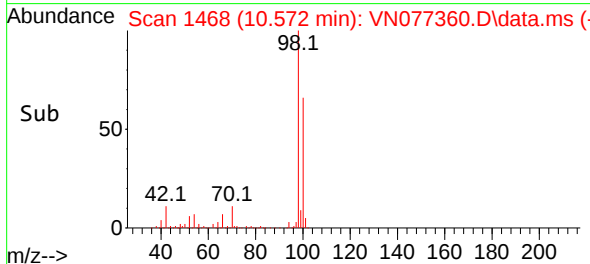
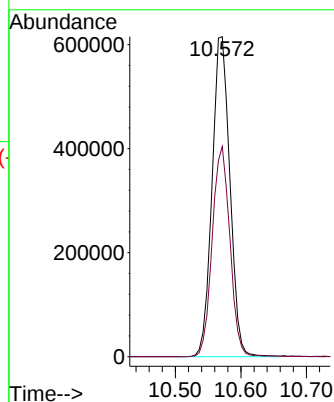
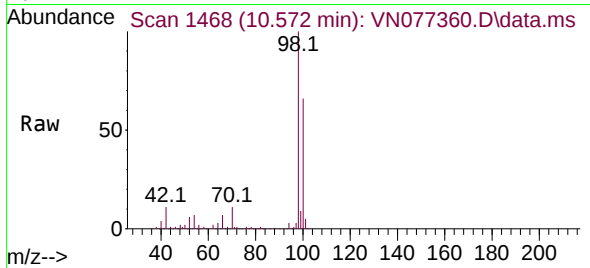




#50
Toluene-d8
Concen: 47.446 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077360.D
Acq: 17 Apr 2023 16:32

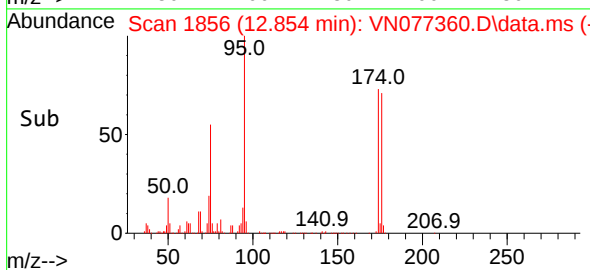
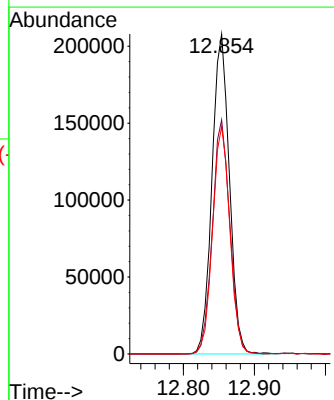
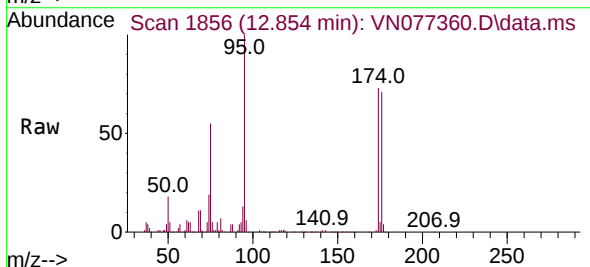
Instrument :
MSVOA_N
ClientSampleId :
IBLK

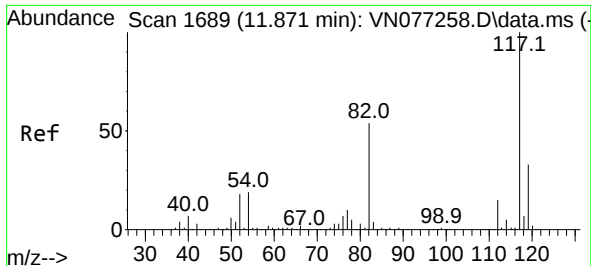
Tgt Ion: 98 Resp: 1161174
Ion Ratio Lower Upper
98 100
100 65.2 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 43.344 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077360.D
Acq: 17 Apr 2023 16:32

Tgt Ion: 95 Resp: 352798
Ion Ratio Lower Upper
95 100
174 73.3 0.0 146.8
176 70.7 0.0 139.6

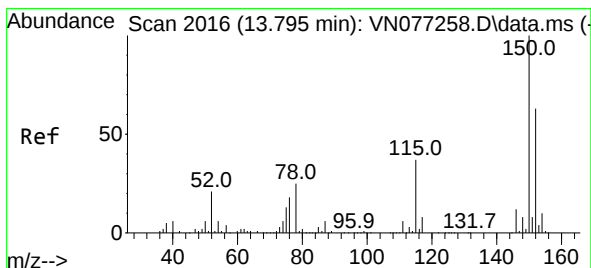
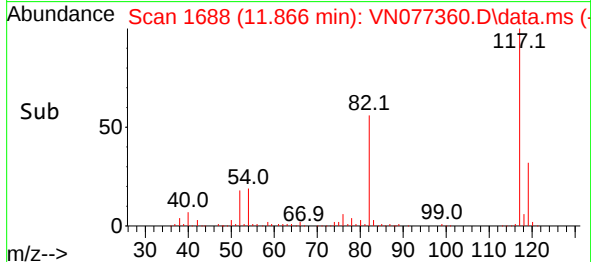
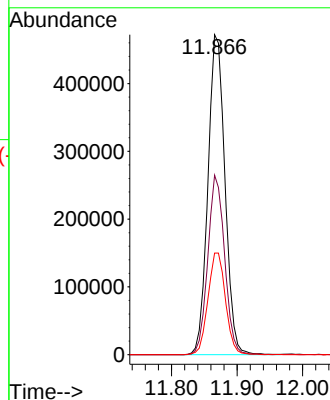
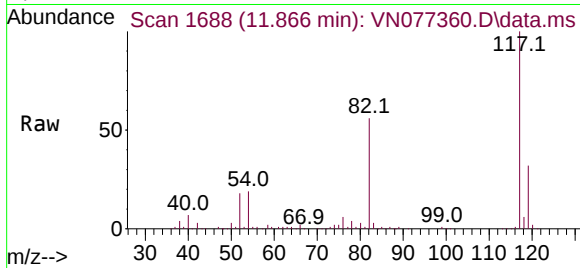




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN077360.D
Acq: 17 Apr 2023 16:32

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 854261
Ion Ratio Lower Upper
117 100
82 56.1 42.9 64.3
119 31.7 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077360.D
Acq: 17 Apr 2023 16:32

Tgt Ion:152 Resp: 308827
Ion Ratio Lower Upper
152 100
115 61.6 32.1 96.3
150 158.9 0.0 354.8

