

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022123\
 Data File : VN076752.D
 Acq On : 21 Feb 2023 15:45
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 22 04:12:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	270916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	487746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	420669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	162034	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	196278	52.467	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.940%
35) Dibromofluoromethane	8.178	113	148569	46.513	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.020%
50) Toluene-d8	10.572	98	594106	49.805	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.600%
62) 4-Bromofluorobenzene	12.854	95	170873	43.250	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.500%

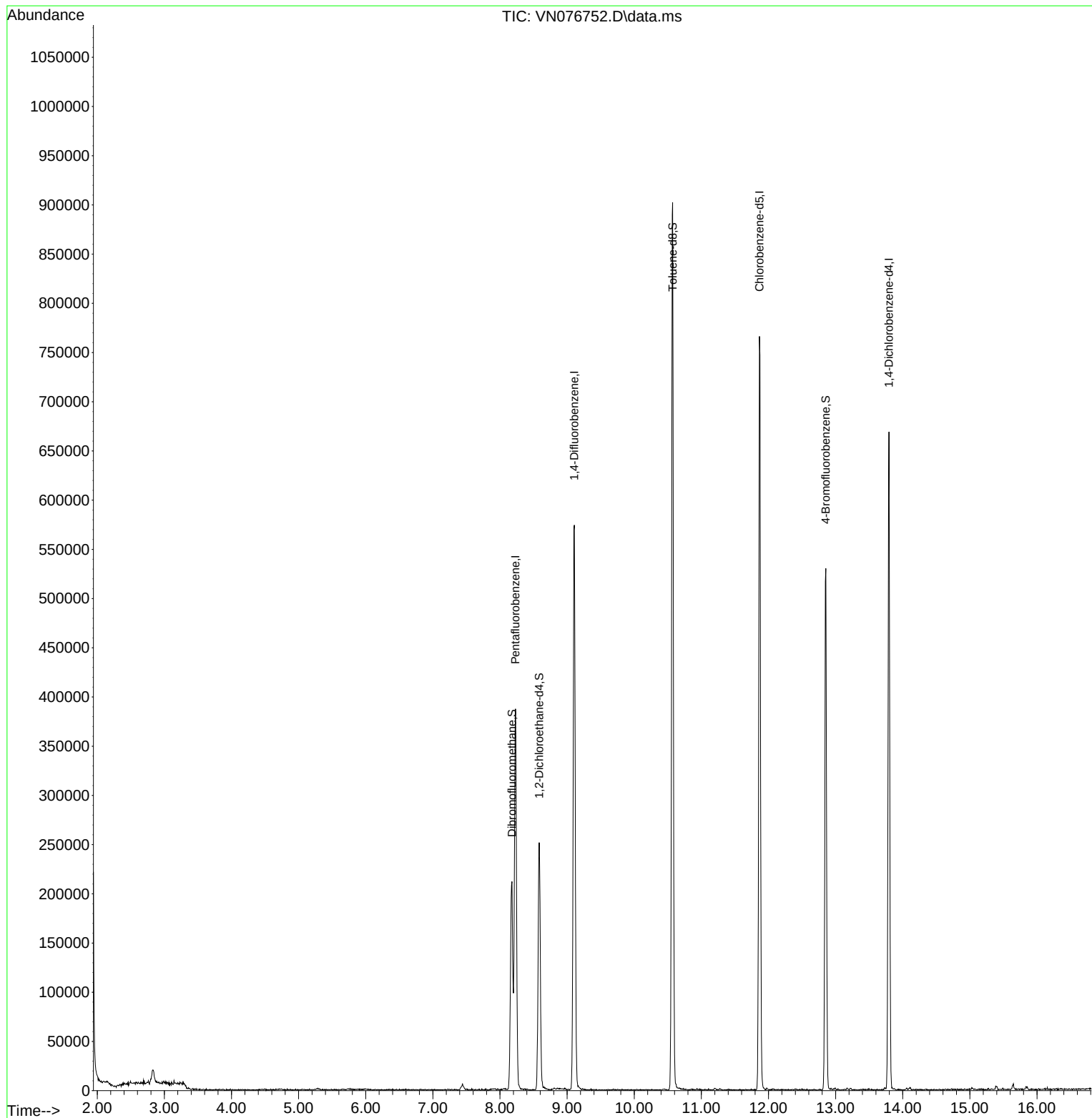
Target Compounds	Qvalue

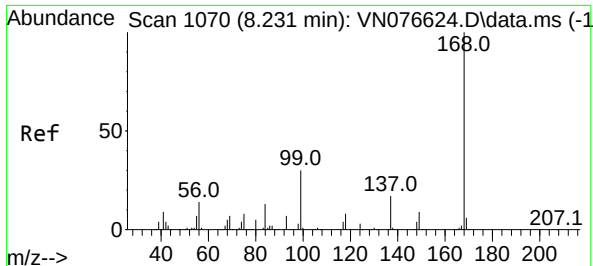
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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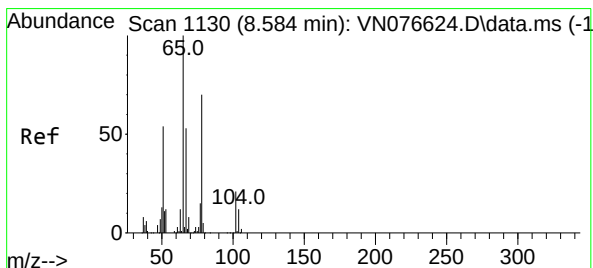
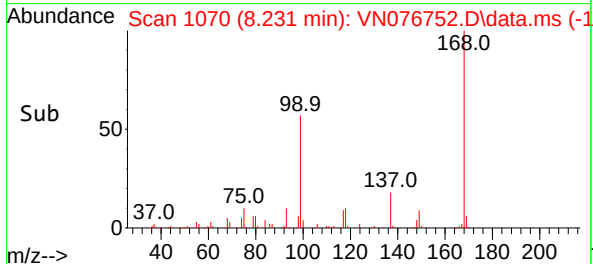
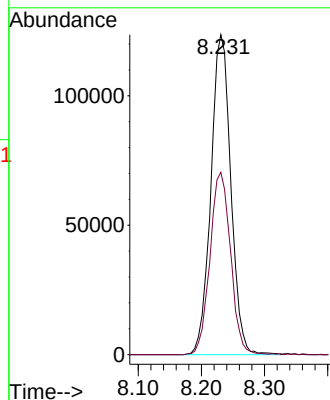
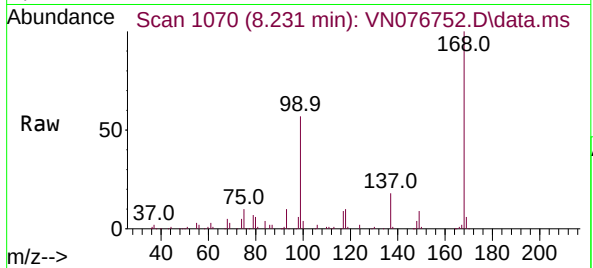




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076752.D
Acq: 21 Feb 2023 15:45

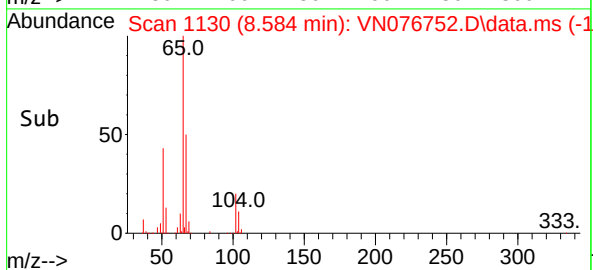
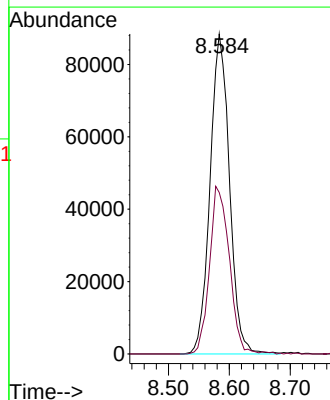
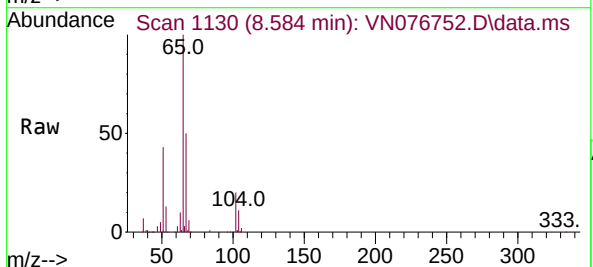
Instrument :
MSVOA_N
ClientSampleId :
IBLK

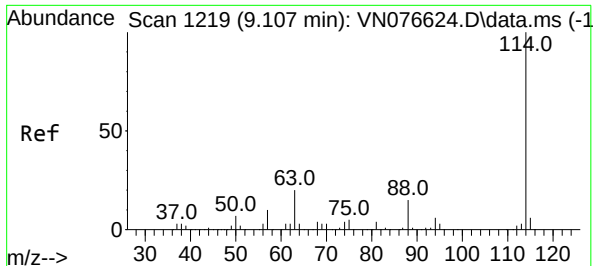
Tgt Ion:168 Resp: 270916
Ion Ratio Lower Upper
168 100
99 57.0 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 52.467 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076752.D
Acq: 21 Feb 2023 15:45

Tgt Ion: 65 Resp: 196278
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.6

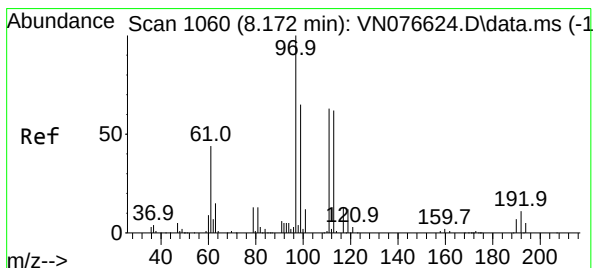
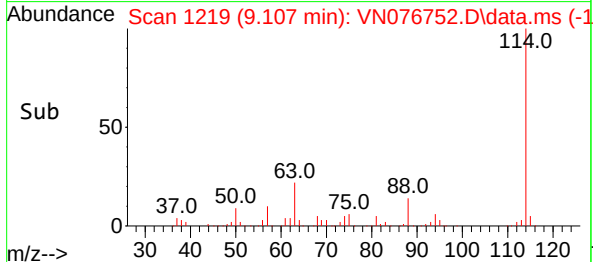
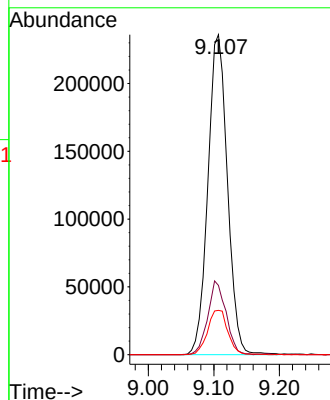
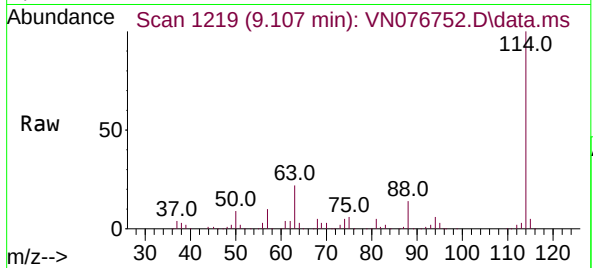




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN076752.D
Acq: 21 Feb 2023 15:45

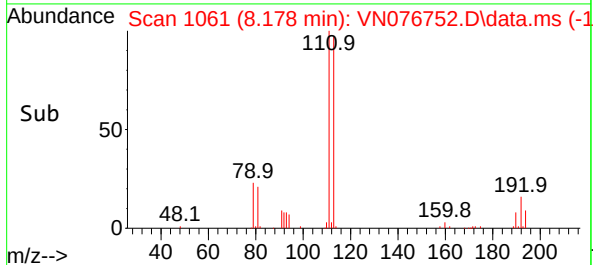
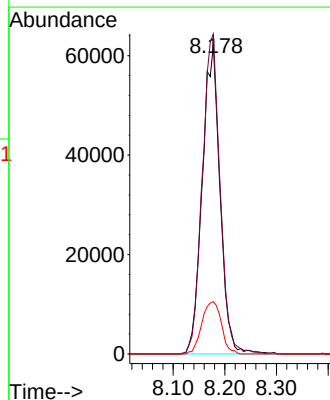
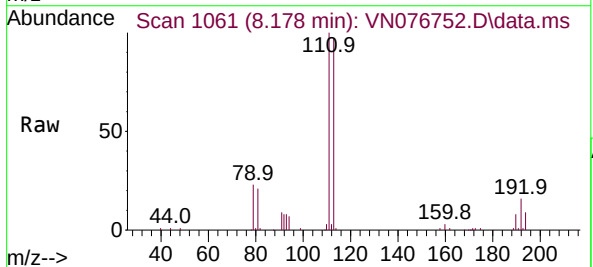
Instrument :
MSVOA_N
ClientSampleId :
IBLK

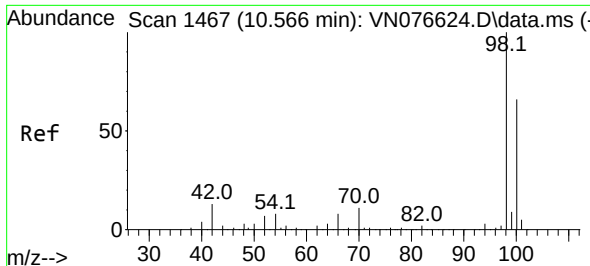
Tgt Ion:114 Resp: 487746
Ion Ratio Lower Upper
114 100
63 21.7 0.0 40.0
88 13.9 0.0 29.6



#35
Dibromofluoromethane
Concen: 46.513 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN076752.D
Acq: 21 Feb 2023 15:45

Tgt Ion:113 Resp: 148569
Ion Ratio Lower Upper
113 100
111 103.4 83.1 124.7
192 18.5 15.6 23.4

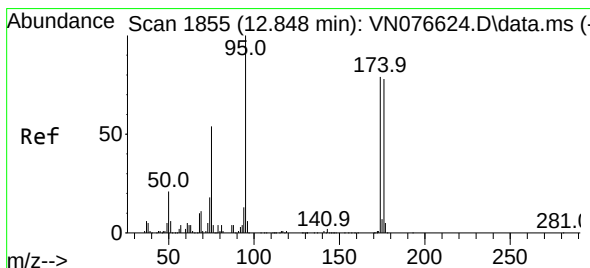
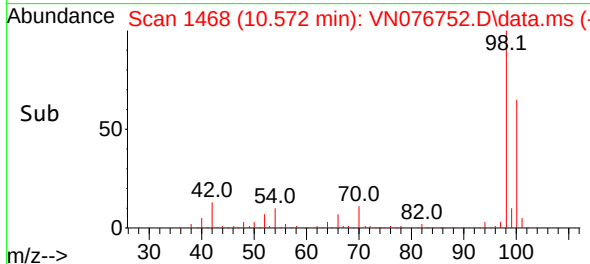
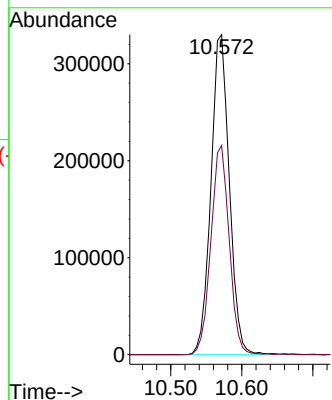
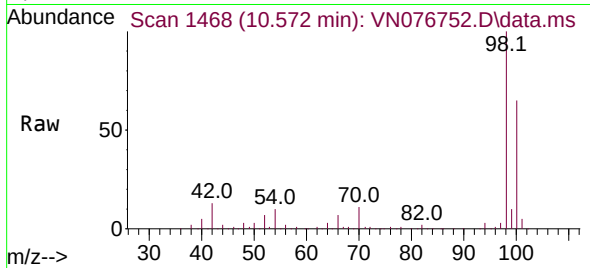




#50
Toluene-d8
Concen: 49.805 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076752.D
Acq: 21 Feb 2023 15:45

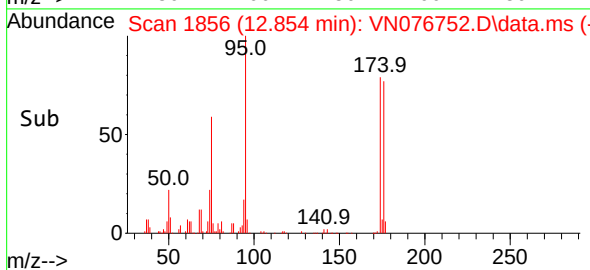
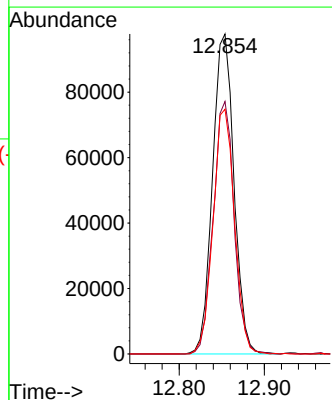
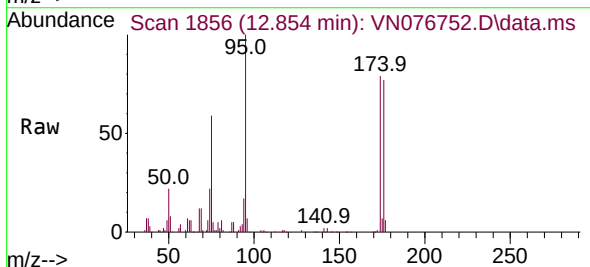
Instrument :
MSVOA_N
ClientSampleId :
IBLK

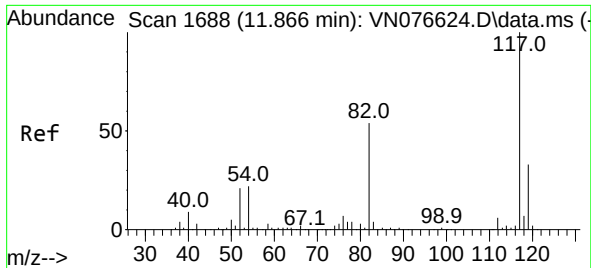
Tgt Ion: 98 Resp: 594106
Ion Ratio Lower Upper
98 100
100 65.1 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 43.250 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076752.D
Acq: 21 Feb 2023 15:45

Tgt Ion: 95 Resp: 170873
Ion Ratio Lower Upper
95 100
174 76.9 0.0 169.2
176 76.5 0.0 163.4

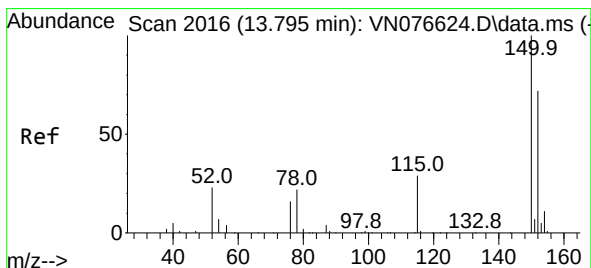
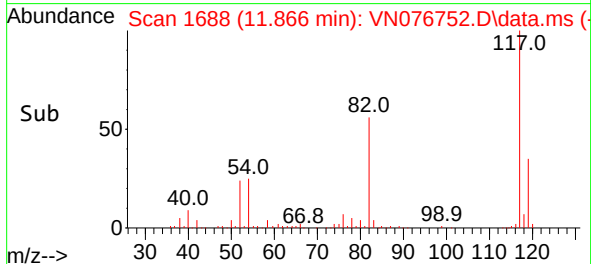
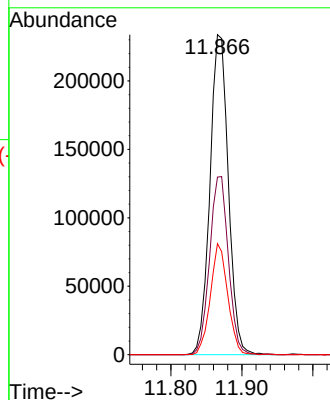
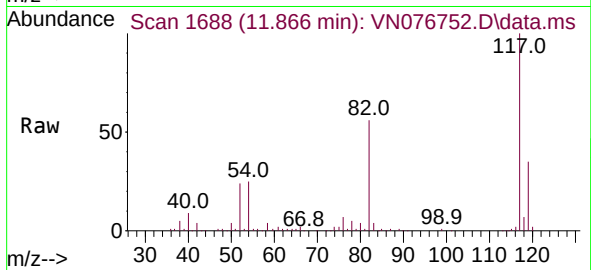




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076752.D
Acq: 21 Feb 2023 15:45

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 420669
Ion Ratio Lower Upper
117 100
82 55.5 43.4 65.2
119 34.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076752.D
Acq: 21 Feb 2023 15:45

Tgt Ion:152 Resp: 162034
Ion Ratio Lower Upper
152 100
115 60.1 29.3 87.9
150 160.9 0.0 349.8

