

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020723\
 Data File : VN076564.D
 Acq On : 07 Feb 2023 14:07
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 08 01:20:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:16:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	644720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1067430	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	892073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	323589	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	358723	47.141	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.280%
35) Dibromofluoromethane	8.171	113	326704	49.236	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.480%
50) Toluene-d8	10.570	98	1188172	47.598	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.200%
62) 4-Bromofluorobenzene	12.853	95	385459	43.831	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.660%

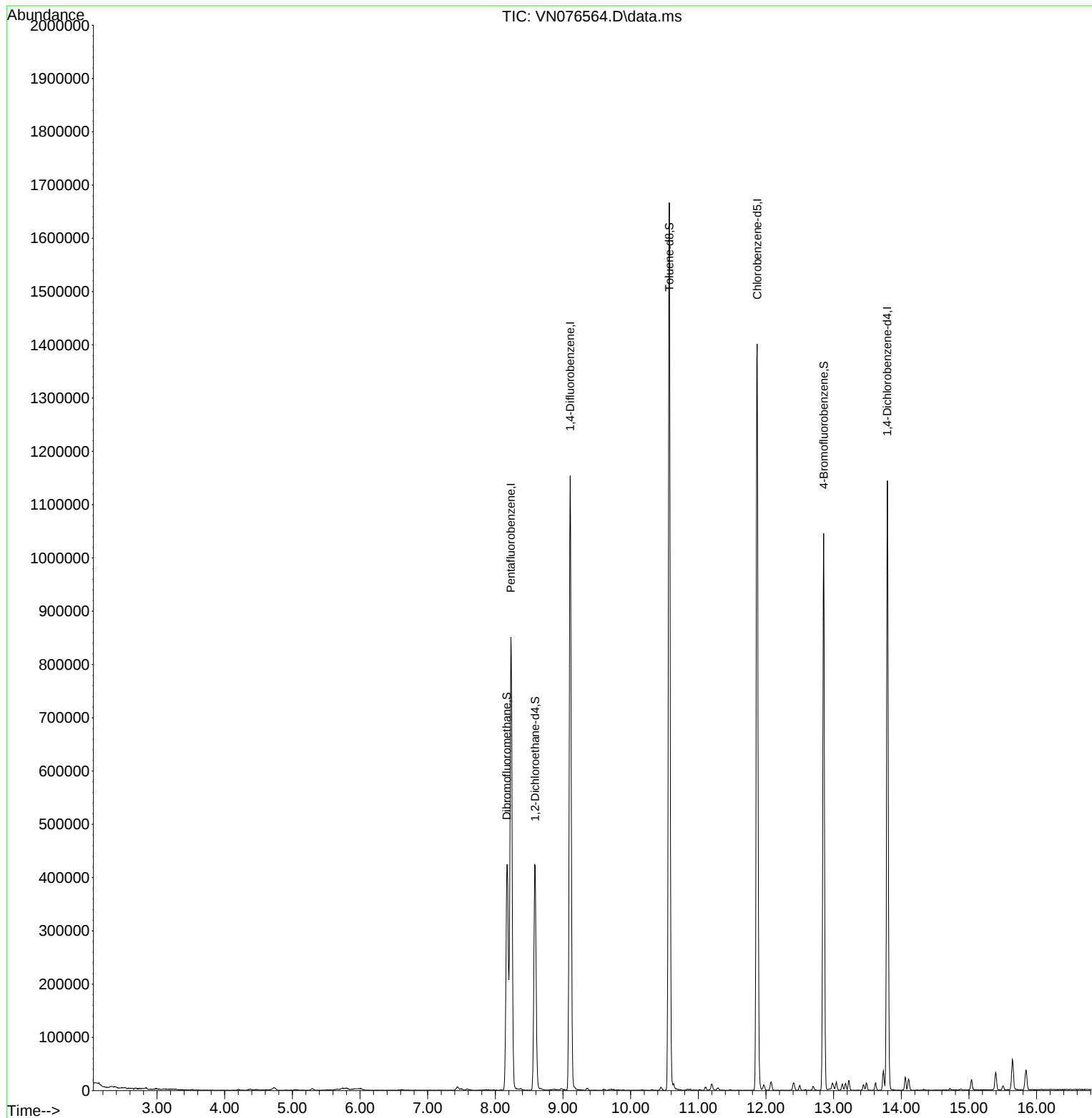
Target Compounds	Qvalue

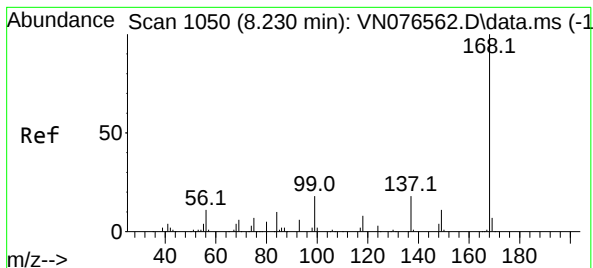
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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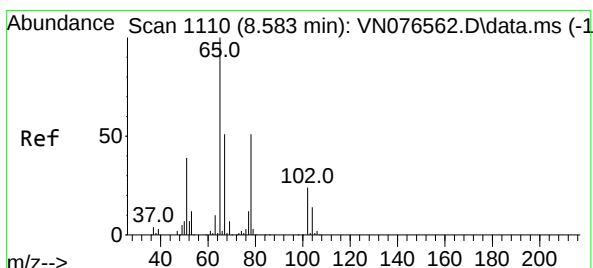
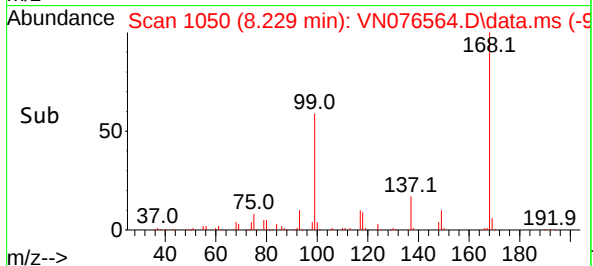
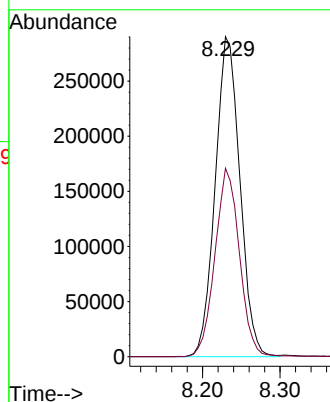
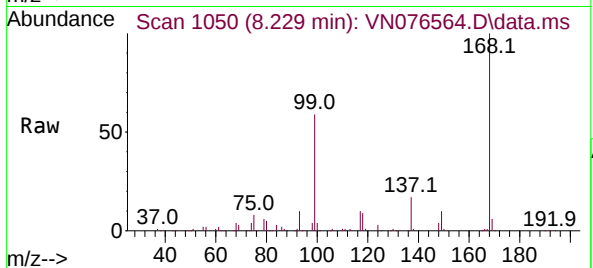




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

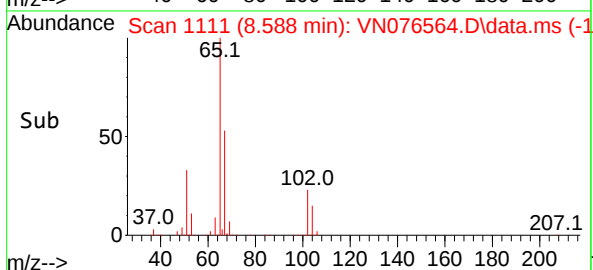
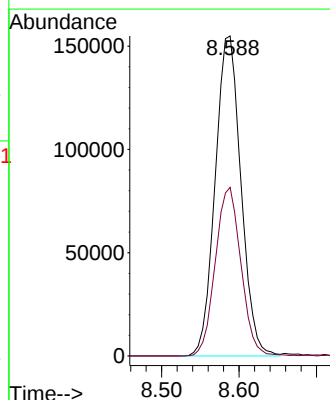
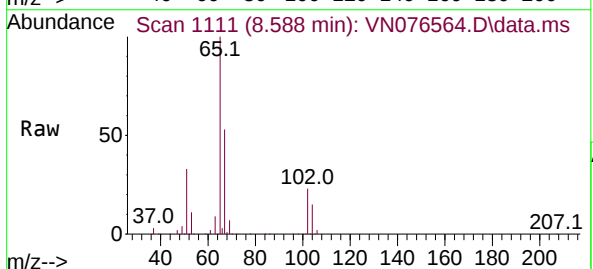
Instrument :
MSVOA_N
ClientSampleId :
IBLK

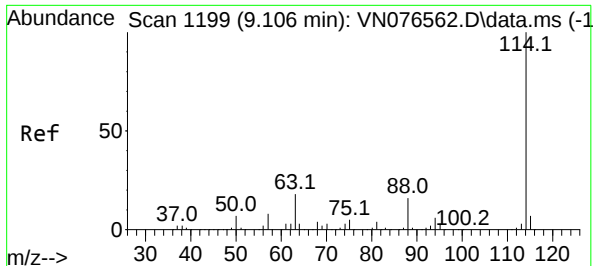
Tgt Ion:168 Resp: 644720
Ion Ratio Lower Upper
168 100
99 58.8 47.8 71.8



#33
1,2-Dichloroethane-d4
Concen: 47.141 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

Tgt Ion: 65 Resp: 358723
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076564.D

Acq: 07 Feb 2023 14:07

Instrument :

MSVOA_N

ClientSampleId :

IBLK

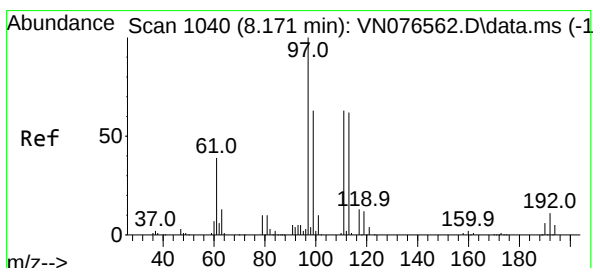
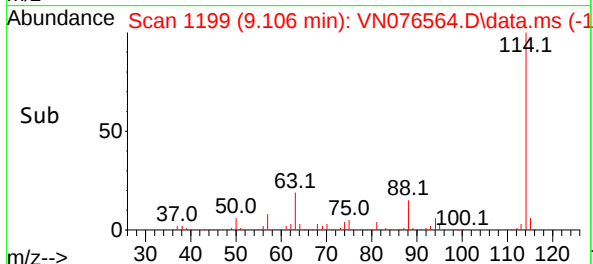
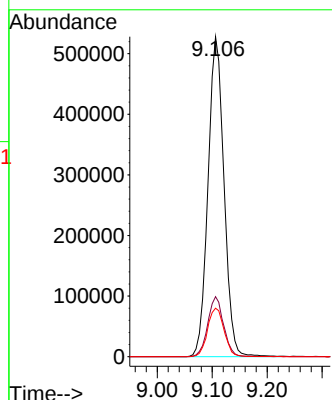
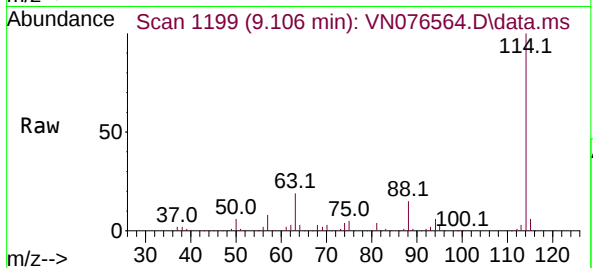
Tgt Ion:114 Resp: 1067430

Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.6

88 15.1 0.0 32.0



#35

Dibromofluoromethane

Concen: 49.236 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076564.D

Acq: 07 Feb 2023 14:07

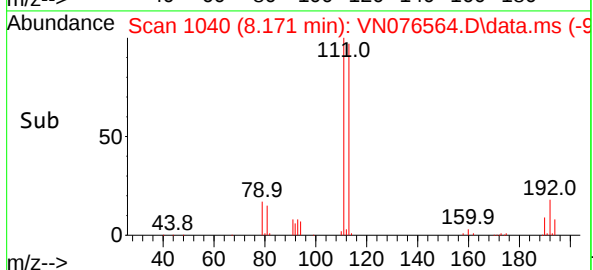
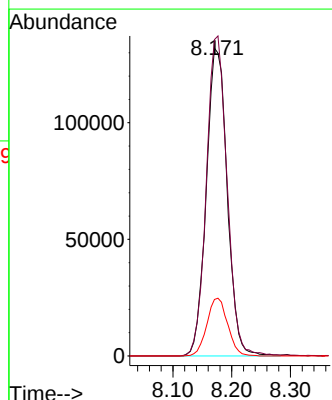
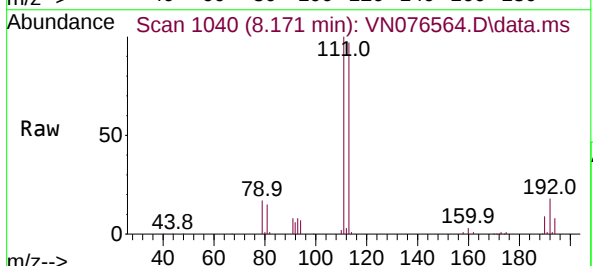
Tgt Ion:113 Resp: 326704

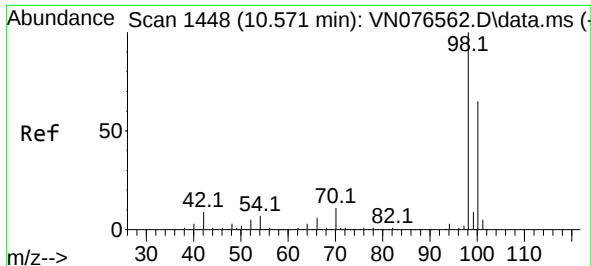
Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

192 18.6 14.8 22.2

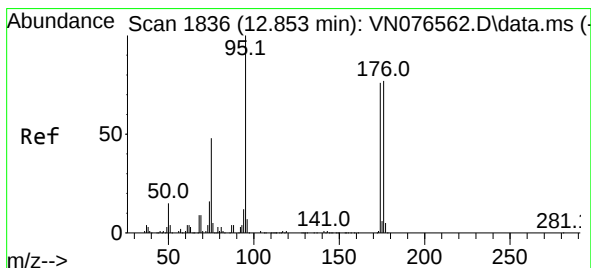
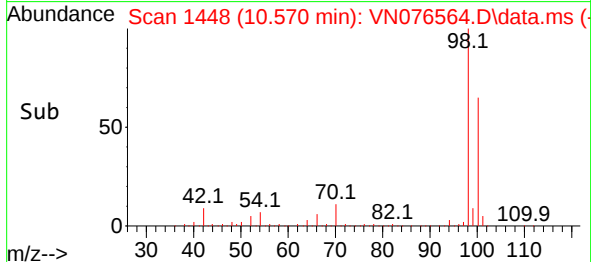
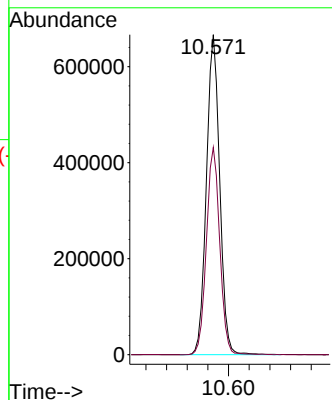
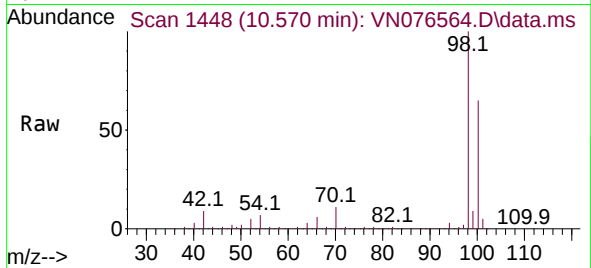




#50
Toluene-d8
Concen: 47.598 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

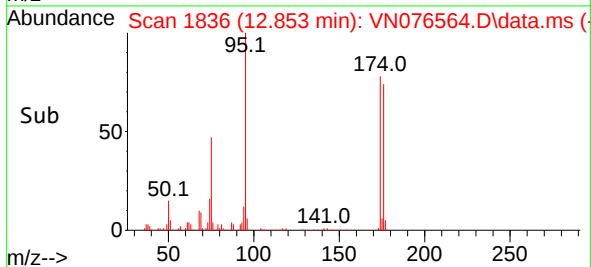
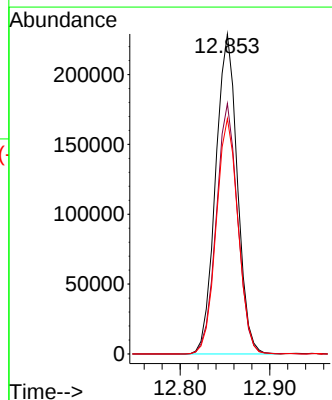
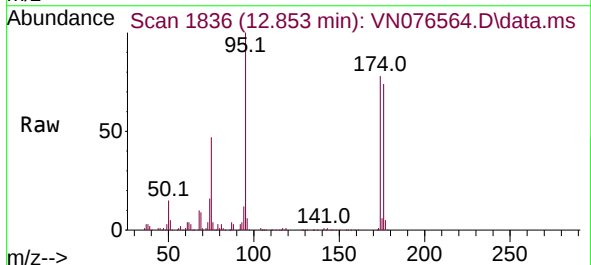
Instrument :
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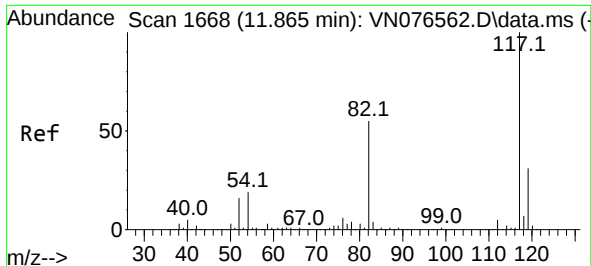
Tgt Ion: 98 Resp: 1188172
Ion Ratio Lower Upper
98 100
100 65.0 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 43.831 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

Tgt Ion: 95 Resp: 385459
Ion Ratio Lower Upper
95 100
174 77.1 0.0 154.0
176 73.7 0.0 152.0

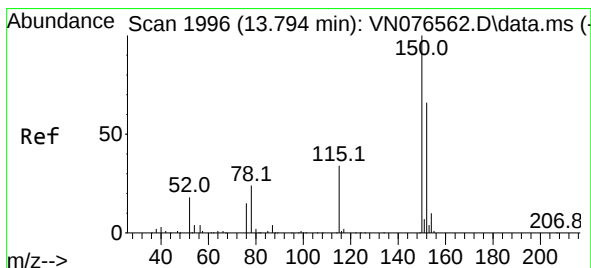
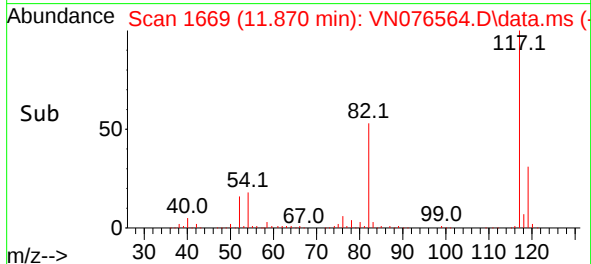
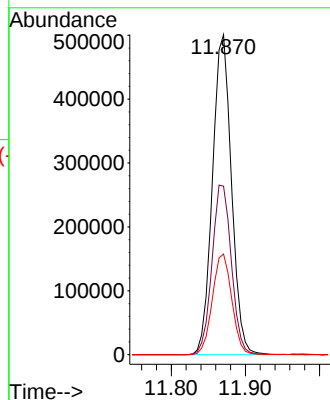
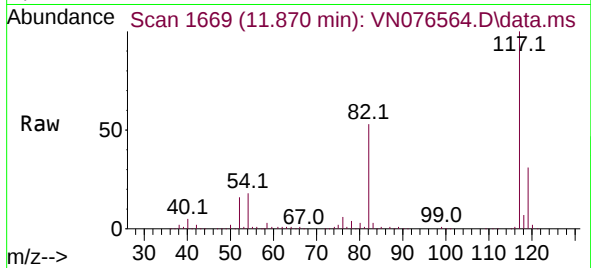




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 892073
Ion Ratio Lower Upper
117 100
82 52.7 44.2 66.4
119 31.4 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

Tgt Ion:152 Resp: 323589
Ion Ratio Lower Upper
152 100
115 60.7 30.8 92.3
150 156.6 0.0 348.8

