

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076934.D
 Acq On : 10 Mar 2023 19:13
 Operator : JC\MD
 Sample : 01871-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Mar 13 01:23:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	374306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	605604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	536714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	223427	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	258674	46.310	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.620%
35) Dibromofluoromethane	8.172	113	188025	46.585	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.180%
50) Toluene-d8	10.572	98	720526	48.438	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.880%
62) 4-Bromofluorobenzene	12.854	95	256575	47.157	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.320%

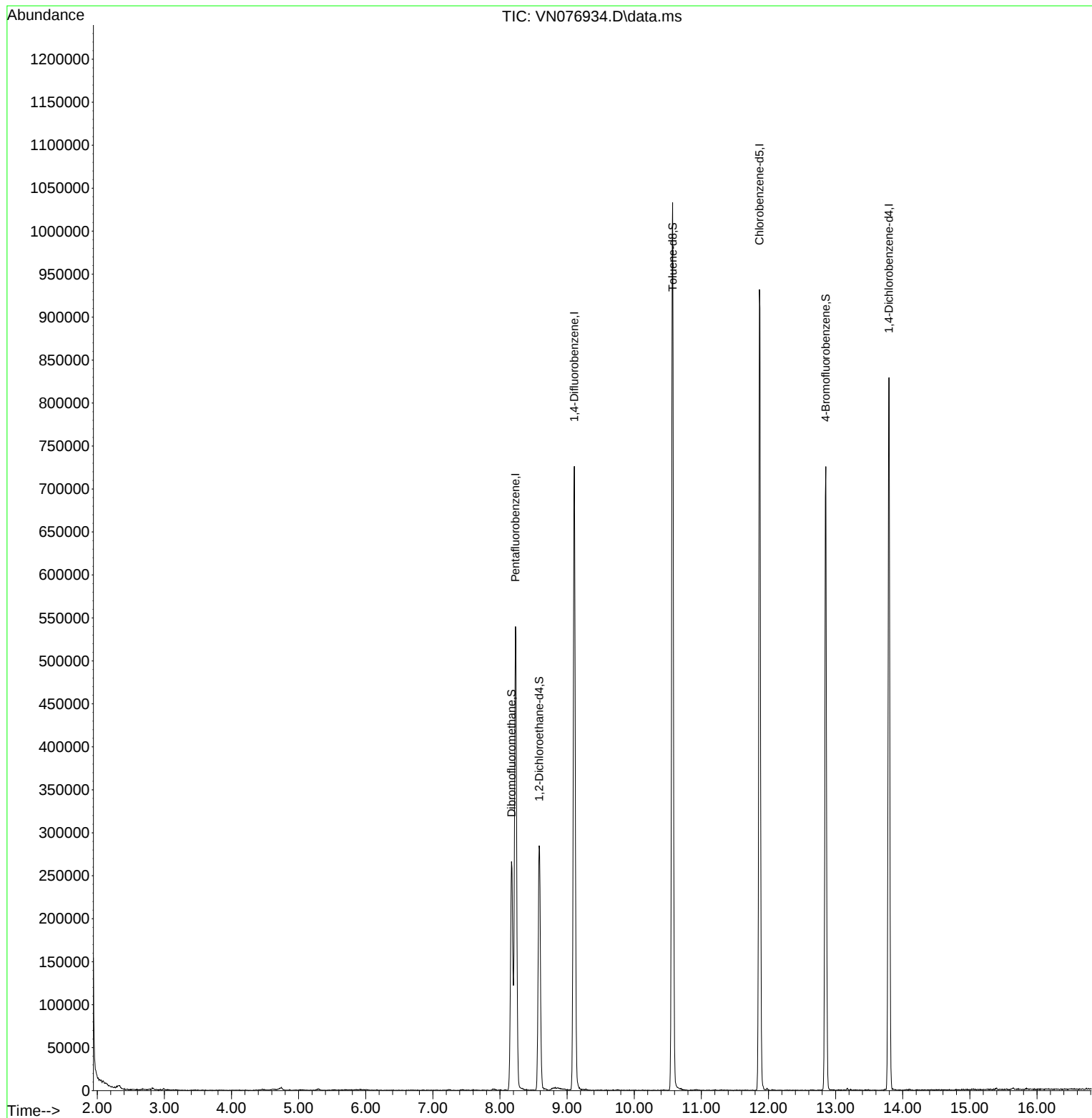
Target Compounds	Qvalue

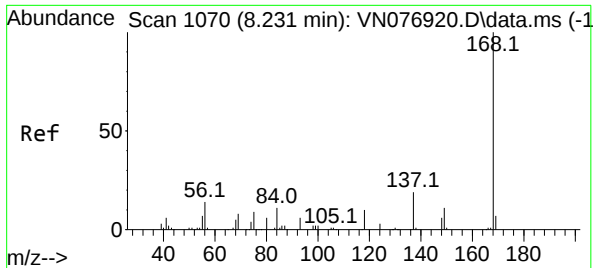
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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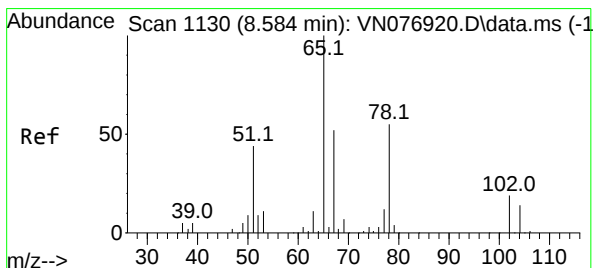
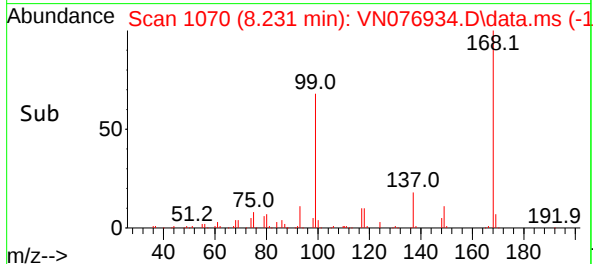
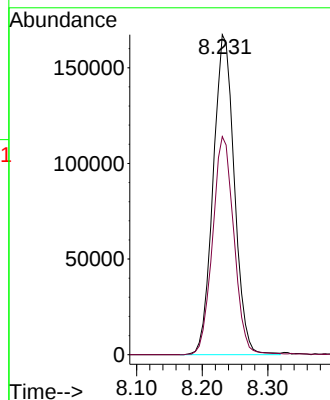
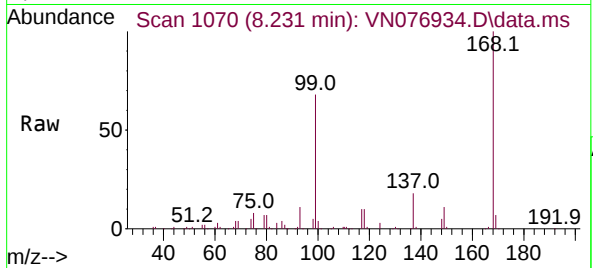




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN076934.D
Acq: 10 Mar 2023 19:13

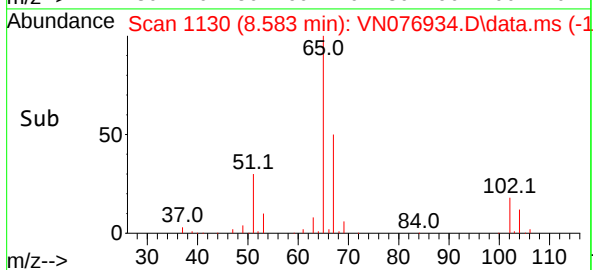
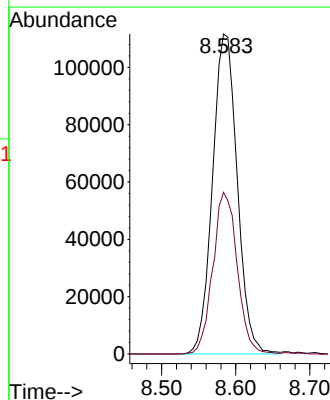
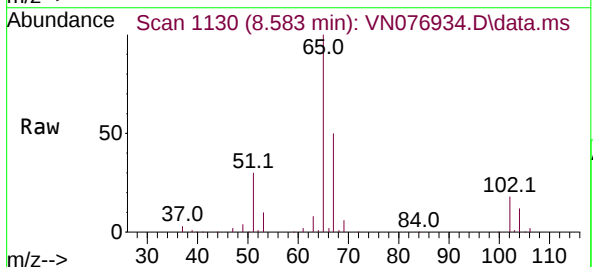
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

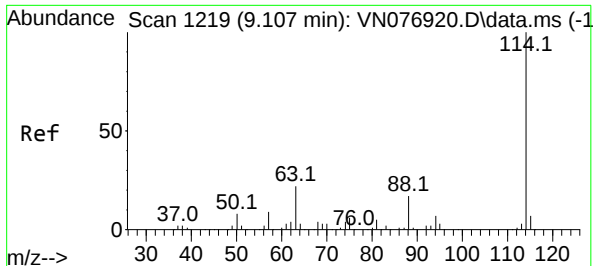
Tgt Ion:168 Resp: 374306
Ion Ratio Lower Upper
168 100
99 68.2 48.6 73.0



#33
1,2-Dichloroethane-d4
Concen: 46.310 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076934.D
Acq: 10 Mar 2023 19:13

Tgt Ion: 65 Resp: 258674
Ion Ratio Lower Upper
65 100
67 49.8 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076934.D

Acq: 10 Mar 2023 19:13

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

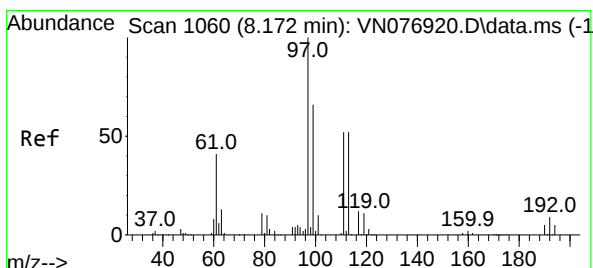
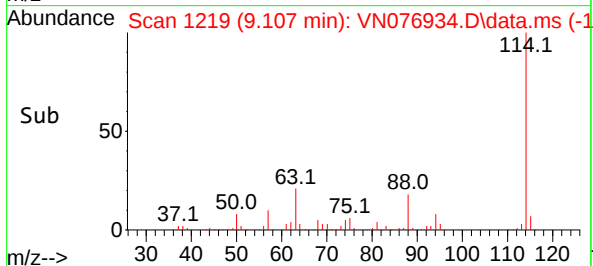
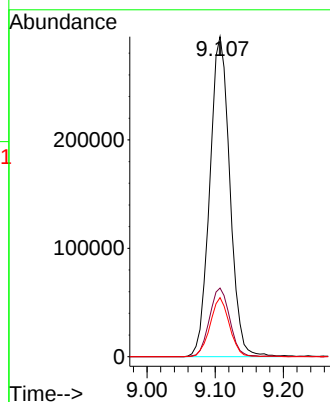
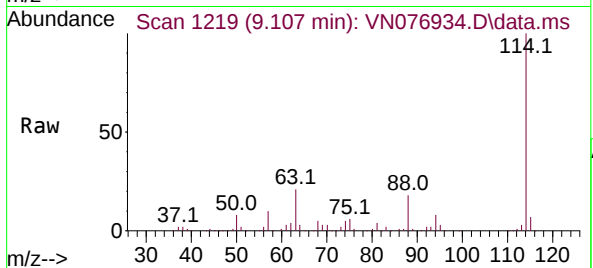
Tgt Ion:114 Resp: 605604

Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.6

88 18.4 0.0 28.6



#35

Dibromofluoromethane

Concen: 46.585 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076934.D

Acq: 10 Mar 2023 19:13

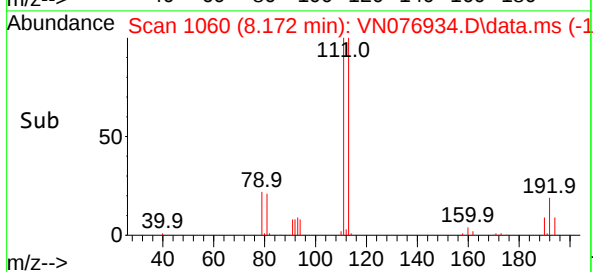
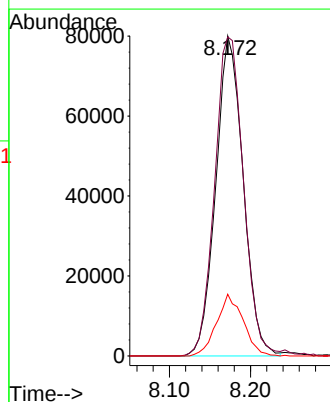
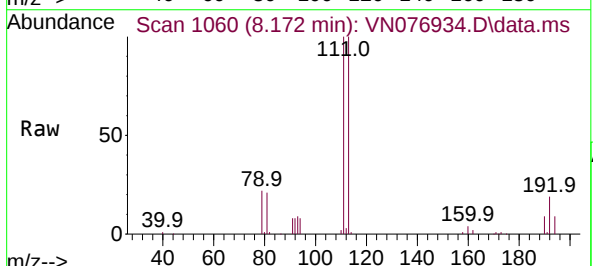
Tgt Ion:113 Resp: 188025

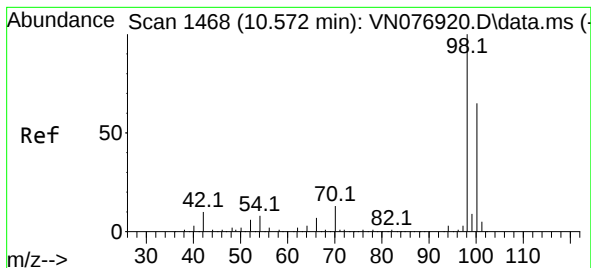
Ion Ratio Lower Upper

113 100

111 105.0 81.8 122.8

192 18.7 13.9 20.9





#50

Toluene-d8

Concen: 48.438 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN076934.D

Acq: 10 Mar 2023 19:13

Instrument :

MSVOA_N

ClientSampleId :

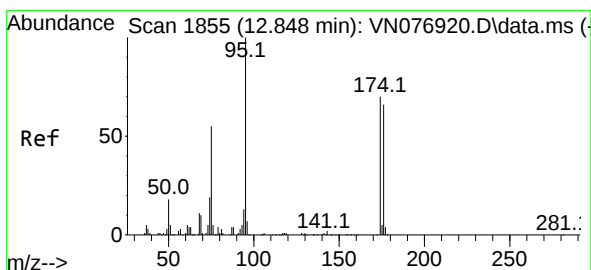
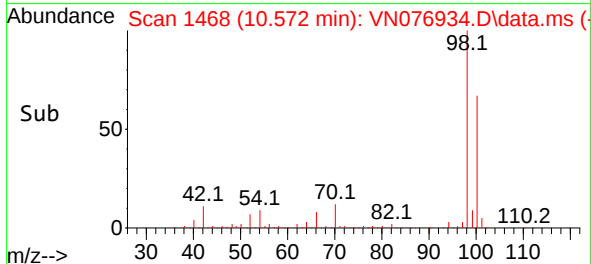
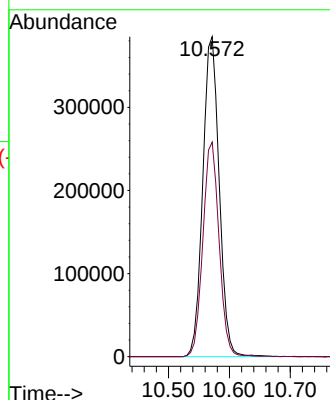
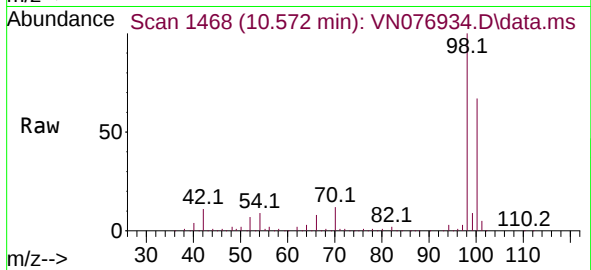
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 98 Resp: 720526

Ion Ratio Lower Upper

98 100

100 66.2 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 47.157 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VN076934.D

Acq: 10 Mar 2023 19:13

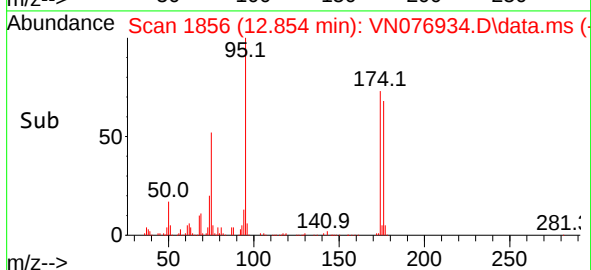
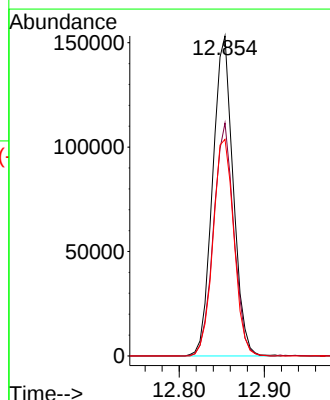
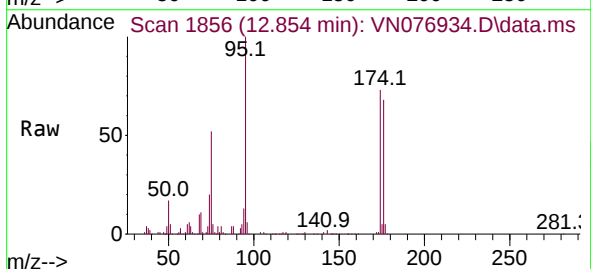
Tgt Ion: 95 Resp: 256575

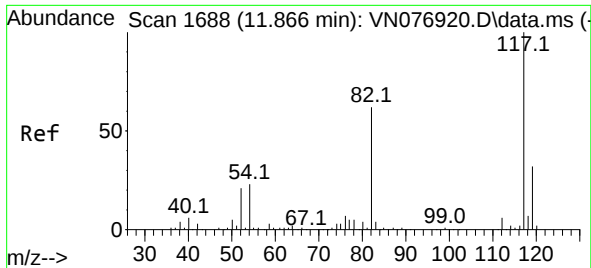
Ion Ratio Lower Upper

95 100

174 72.1 0.0 162.4

176 69.0 0.0 157.4

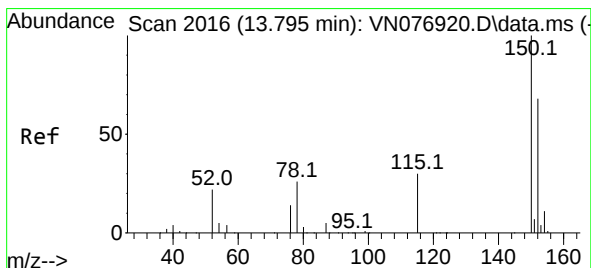
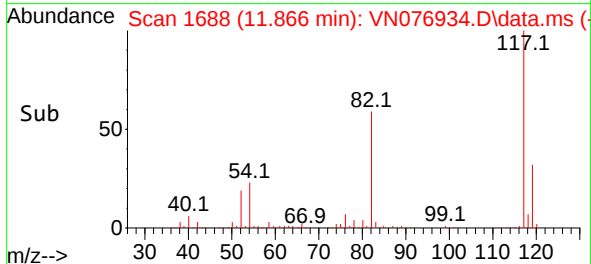
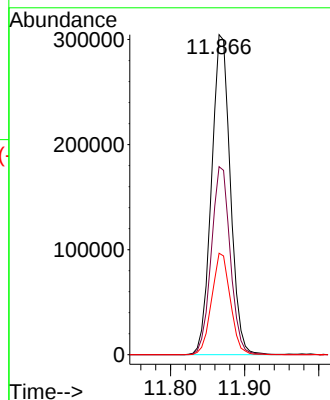
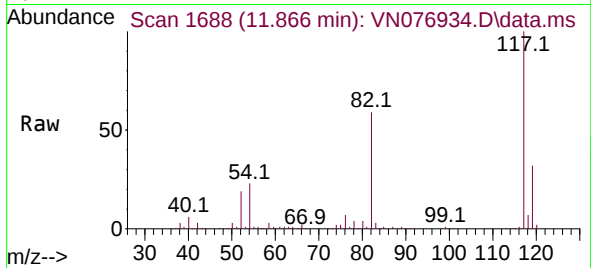




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076934.D
Acq: 10 Mar 2023 19:13

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 536714
Ion Ratio Lower Upper
117 100
82 58.7 43.5 65.3
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076934.D
Acq: 10 Mar 2023 19:13

Tgt Ion:152 Resp: 223427
Ion Ratio Lower Upper
152 100
115 64.7 30.3 90.9
150 154.7 0.0 353.6

