

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076940.D
 Acq On : 10 Mar 2023 21:39
 Operator : JC\MD
 Sample : 01870-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DS-02

Quant Time: Mar 13 01:25:25 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	349692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	577422	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	487630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	193427	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	251223	48.142	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.280%
35) Dibromofluoromethane	8.172	113	179402	46.618	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.240%
50) Toluene-d8	10.566	98	674698	47.571	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.140%
62) 4-Bromofluorobenzene	12.854	95	230059	44.347	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.700%

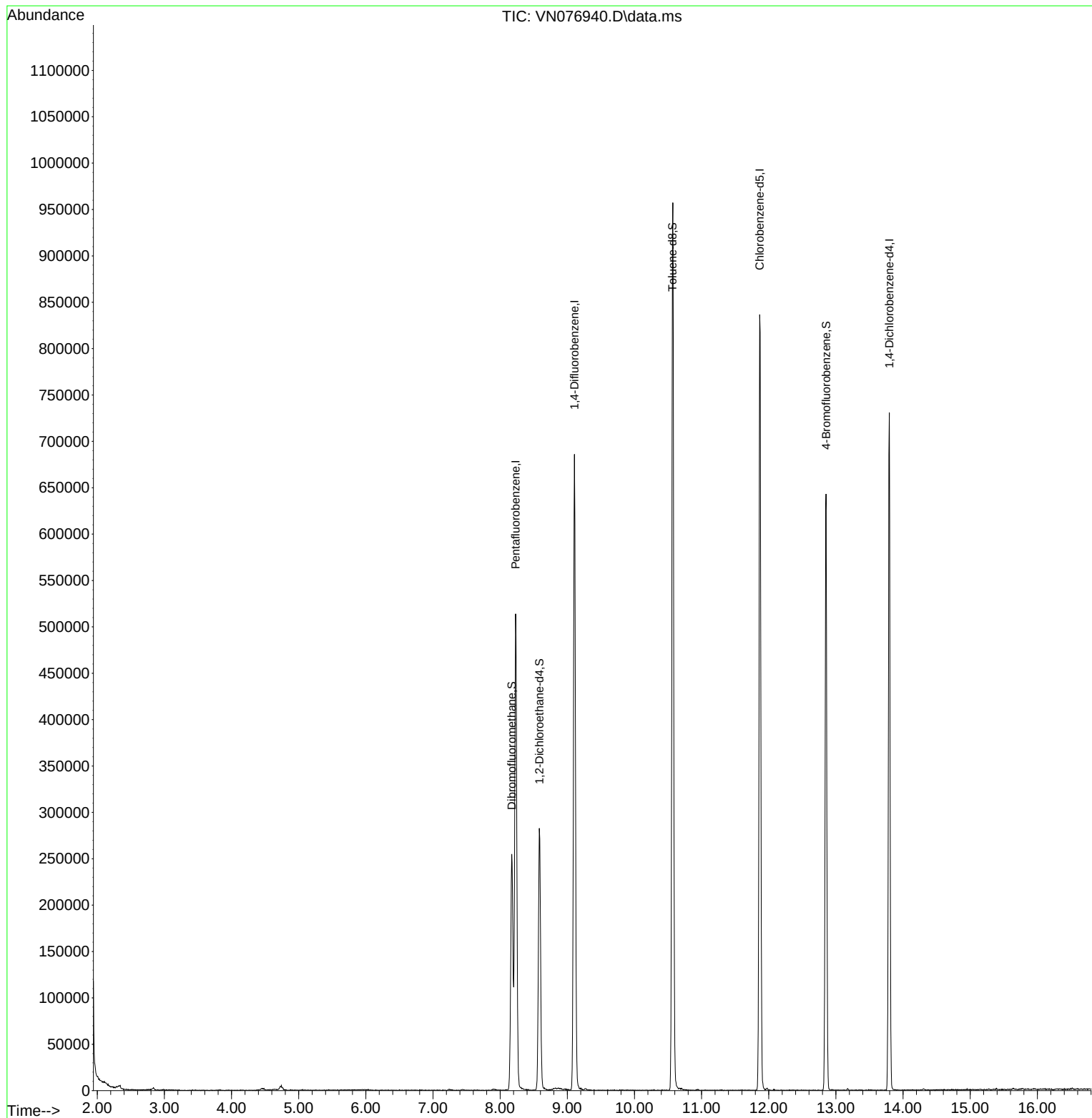
Target Compounds	Qvalue

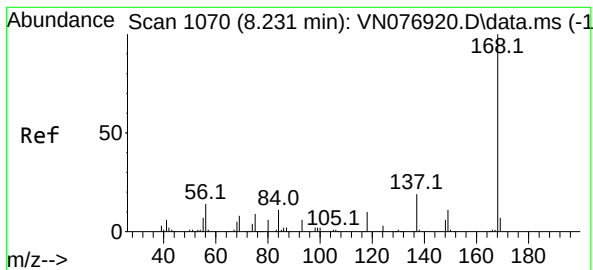
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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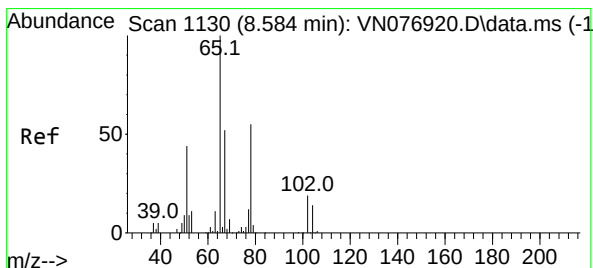
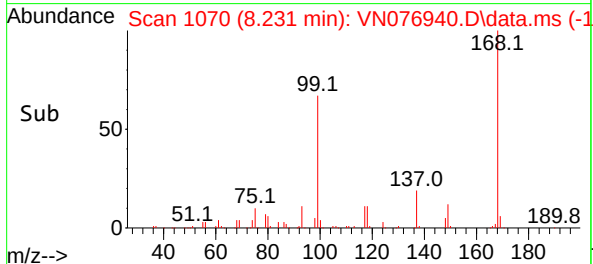
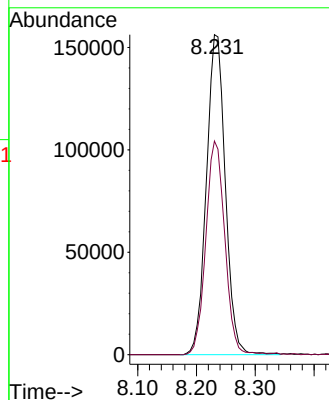
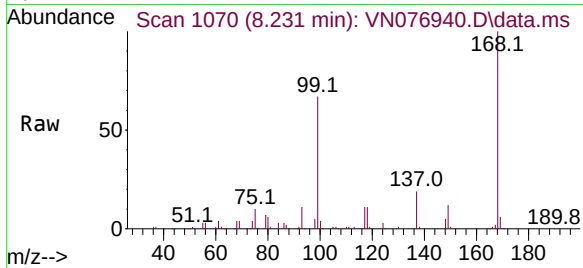




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076940.D
Acq: 10 Mar 2023 21:39

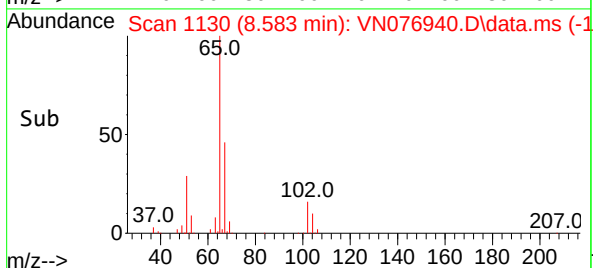
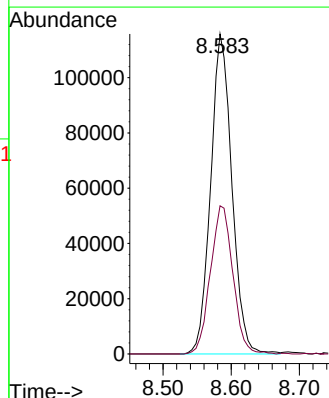
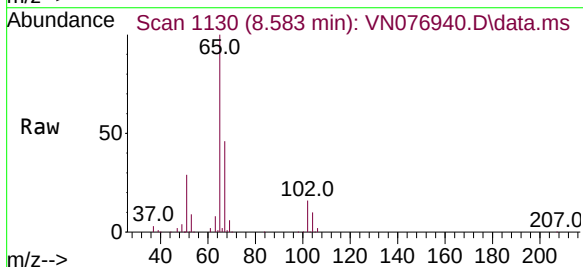
Instrument :
MSVOA_N
ClientSampleId :
DS-02

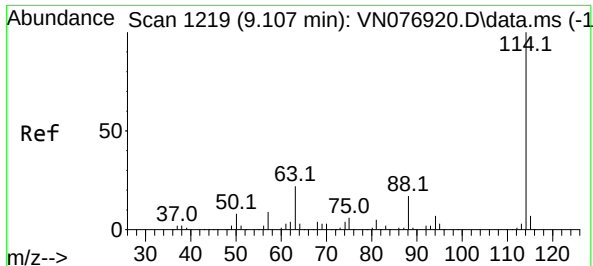
Tgt Ion:168 Resp: 349692
Ion Ratio Lower Upper
168 100
99 66.8 48.6 73.0



#33
1,2-Dichloroethane-d4
Concen: 48.142 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076940.D
Acq: 10 Mar 2023 21:39

Tgt Ion: 65 Resp: 251223
Ion Ratio Lower Upper
65 100
67 48.9 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: VN076940.D

Acq: 10 Mar 2023 21:39

Instrument :

MSVOA_N

ClientSampleId :

DS-02

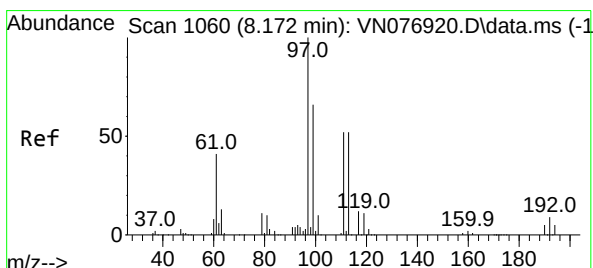
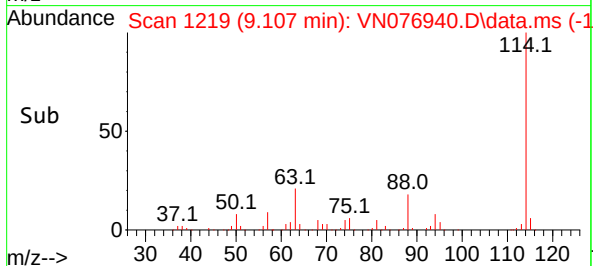
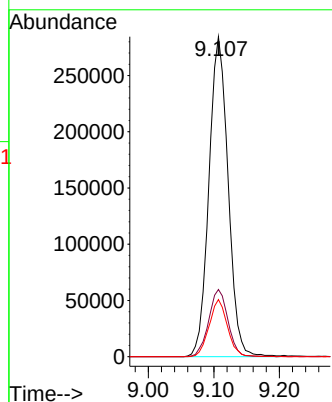
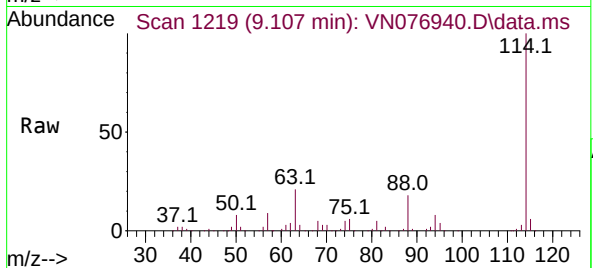
Tgt Ion:114 Resp: 577422

Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.6

88 17.8 0.0 28.6



#35

Dibromofluoromethane

Concen: 46.618 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076940.D

Acq: 10 Mar 2023 21:39

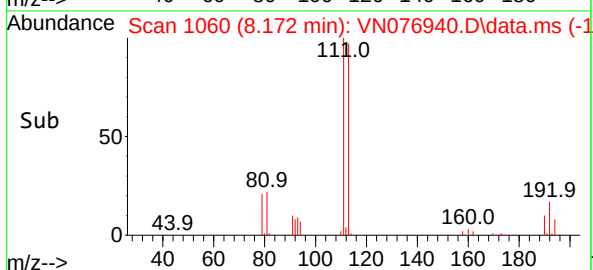
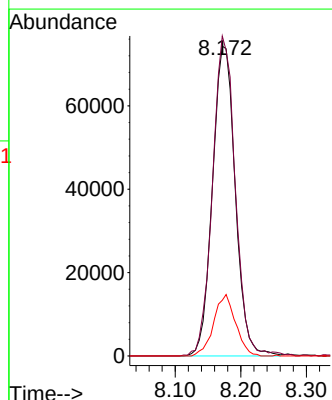
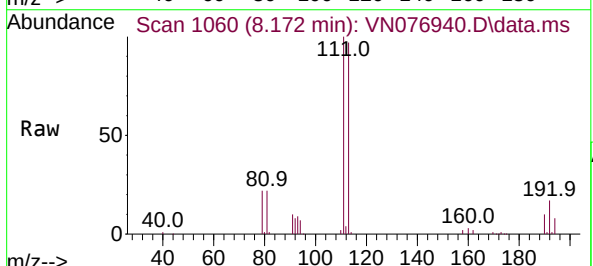
Tgt Ion:113 Resp: 179402

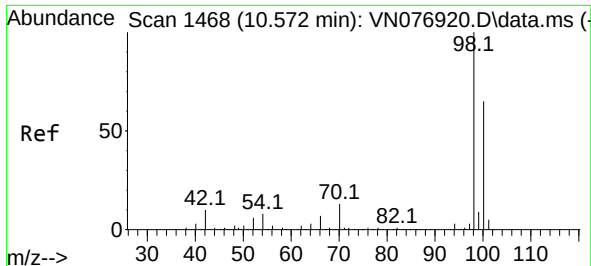
Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.8

192 19.1 13.9 20.9

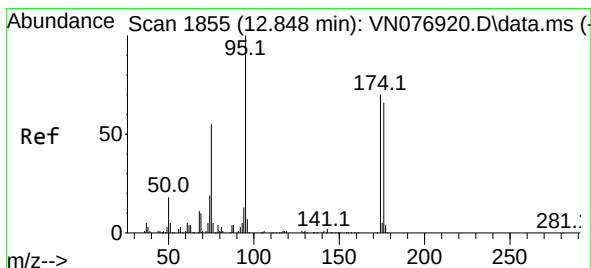
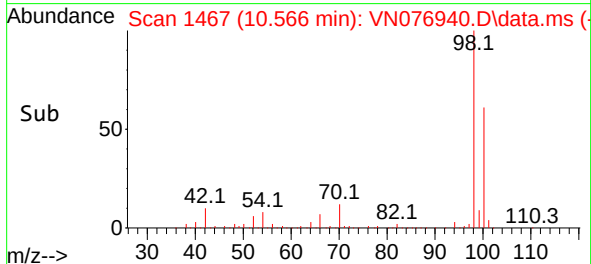
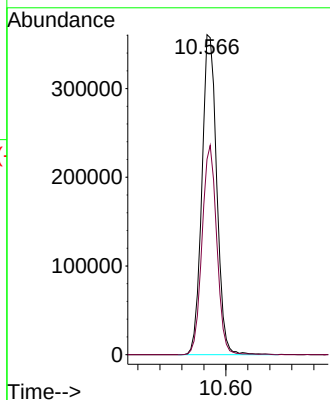
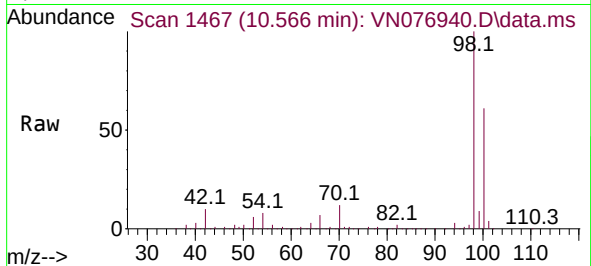




#50
Toluene-d8
Concen: 47.571 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.006 min
Lab File: VN076940.D
Acq: 10 Mar 2023 21:39

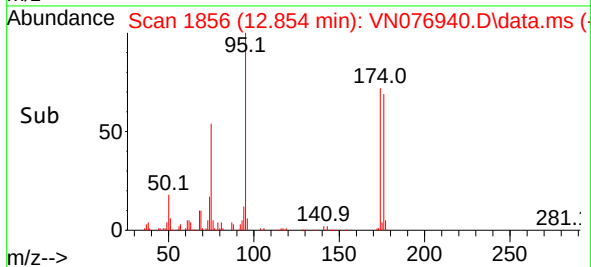
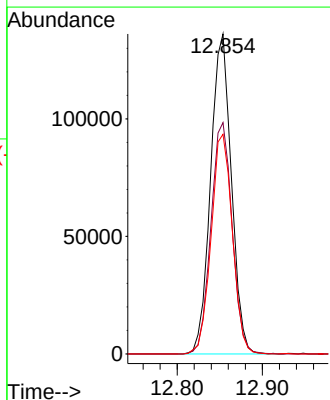
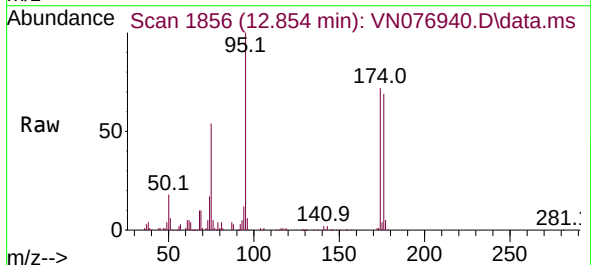
Instrument :
MSVOA_N
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DS-02

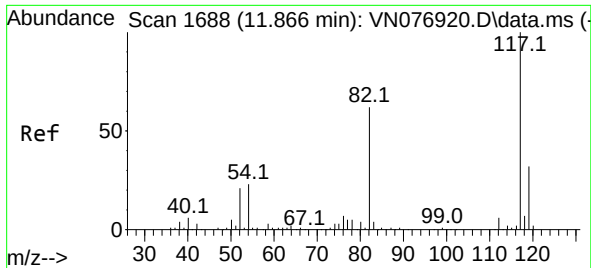
Tgt Ion: 98 Resp: 674698
Ion Ratio Lower Upper
98 100
100 64.9 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 44.347 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076940.D
Acq: 10 Mar 2023 21:39

Tgt Ion: 95 Resp: 230059
Ion Ratio Lower Upper
95 100
174 74.0 0.0 162.4
176 70.2 0.0 157.4

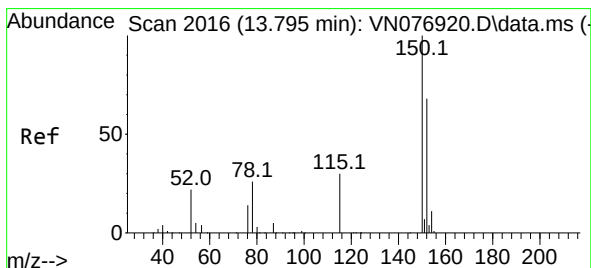
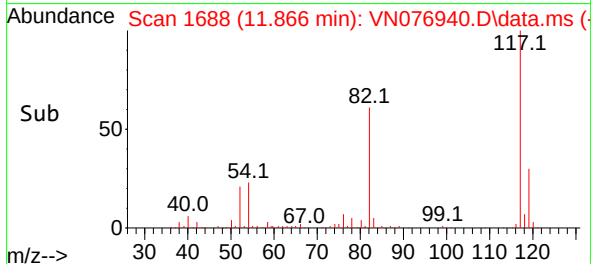
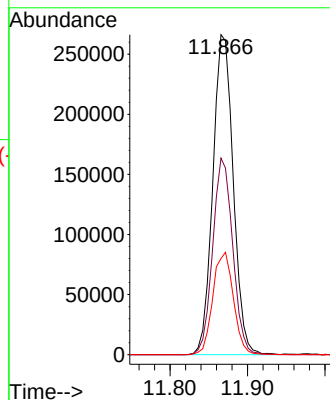
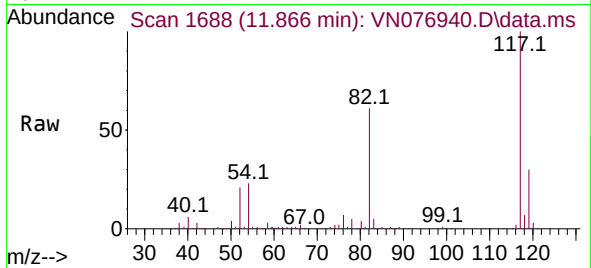




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076940.D
Acq: 10 Mar 2023 21:39

Instrument :
MSVOA_N
ClientSampleId :
DS-02

Tgt Ion:117 Resp: 487630
Ion Ratio Lower Upper
117 100
82 61.4 43.5 65.3
119 30.0 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: VN076940.D
Acq: 10 Mar 2023 21:39

Tgt Ion:152 Resp: 193427
Ion Ratio Lower Upper
152 100
115 65.8 30.3 90.9
150 158.9 0.0 353.6

