

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021423\
 Data File : VN076670.D
 Acq On : 14 Feb 2023 19:00
 Operator : JC\MD
 Sample : 01549-08 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1696

Quant Time: Feb 15 03:17:48 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	326490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	593671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	523483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	212606	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	231116	51.264	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.520%
35) Dibromofluoromethane	8.172	113	177605	45.682	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.360%
50) Toluene-d8	10.572	98	718194	49.465	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.920%
62) 4-Bromofluorobenzene	12.848	95	226166	47.031	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.060%

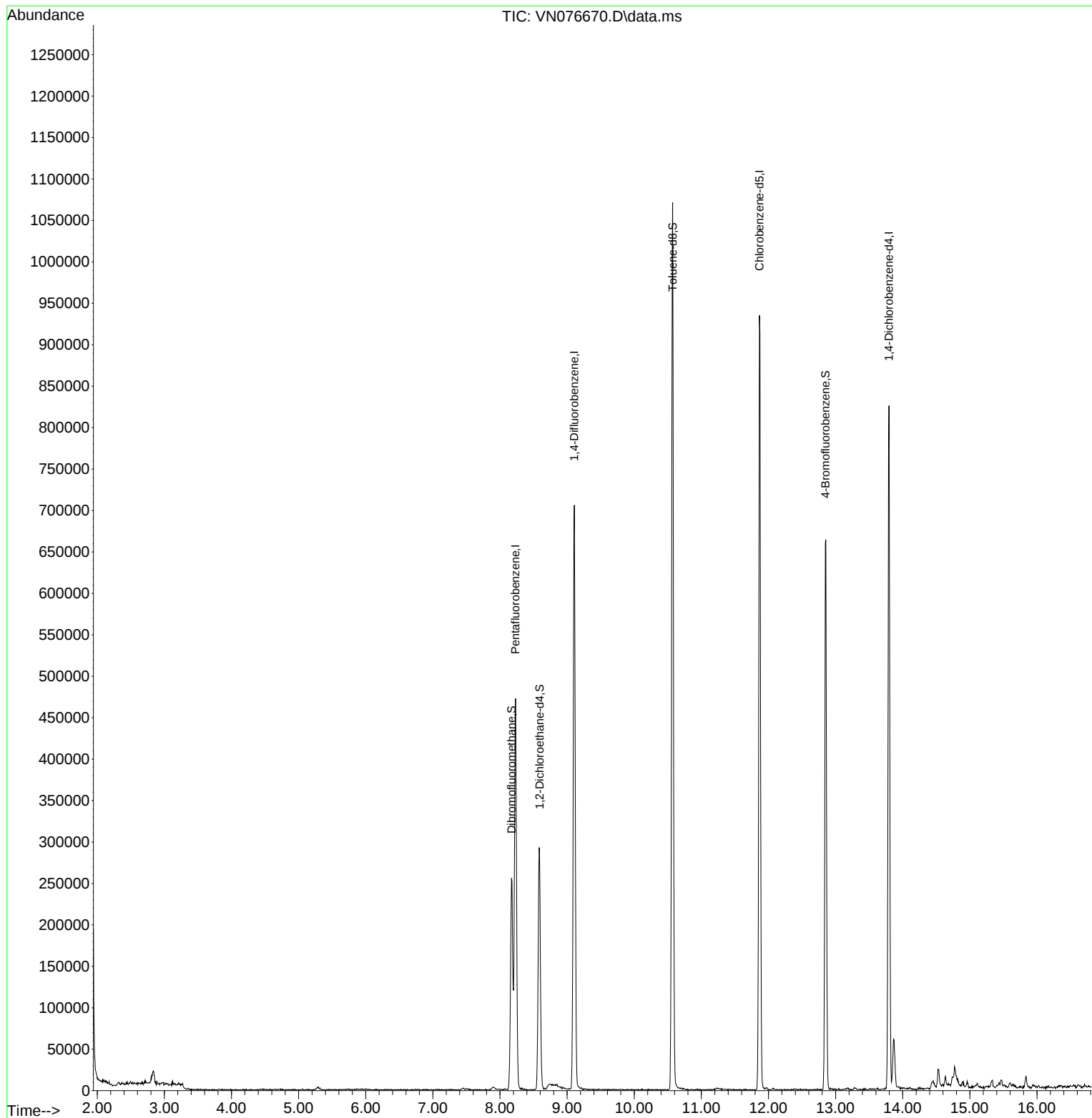
Target Compounds	Qvalue

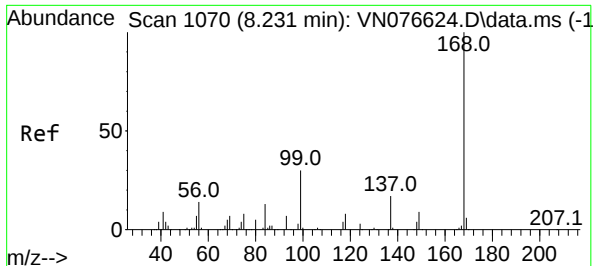
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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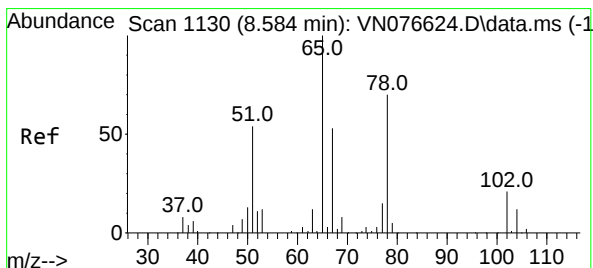
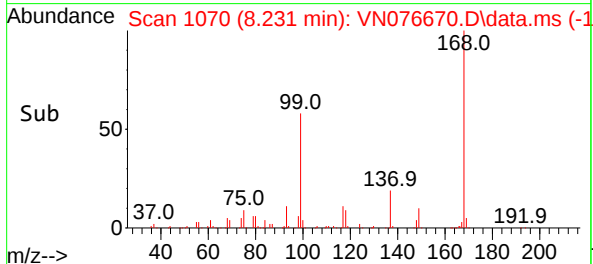
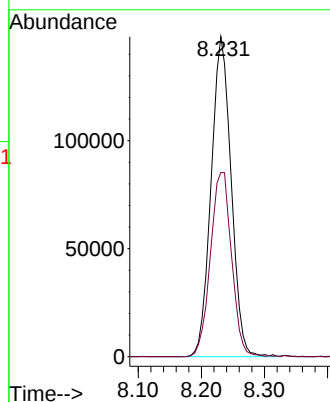
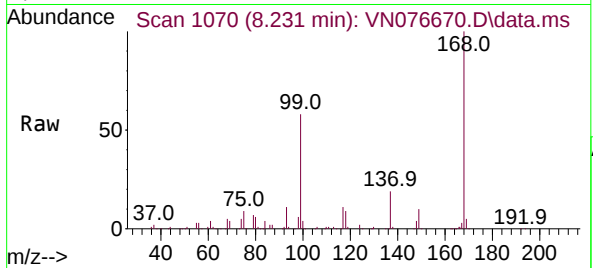




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076670.D
Acq: 14 Feb 2023 19:00

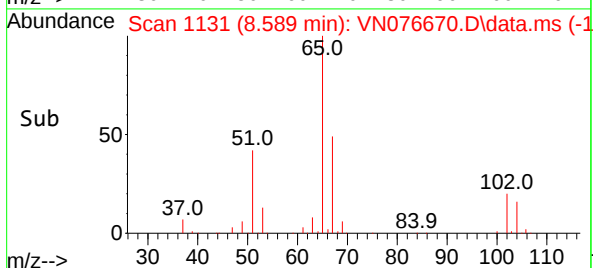
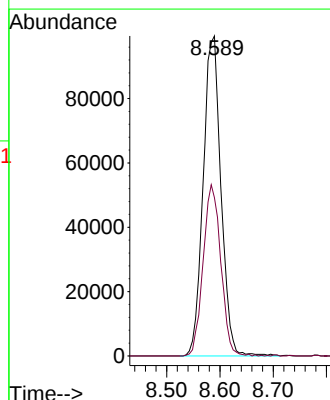
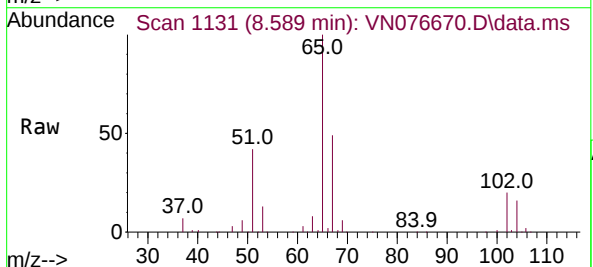
Instrument :
MSVOA_N
ClientSampleId :
1696

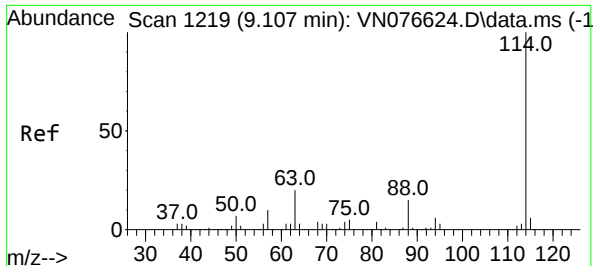
Tgt Ion:168 Resp: 326490
Ion Ratio Lower Upper
168 100
99 57.5 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 51.264 ug/l
RT: 8.589 min Scan# 1131
Delta R.T. 0.005 min
Lab File: VN076670.D
Acq: 14 Feb 2023 19:00

Tgt Ion: 65 Resp: 231116
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076670.D

Acq: 14 Feb 2023 19:00

Instrument :

MSVOA_N

ClientSampleId :

1696

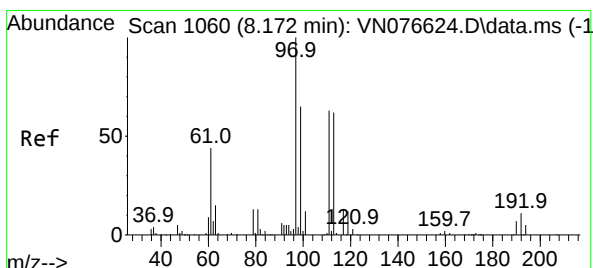
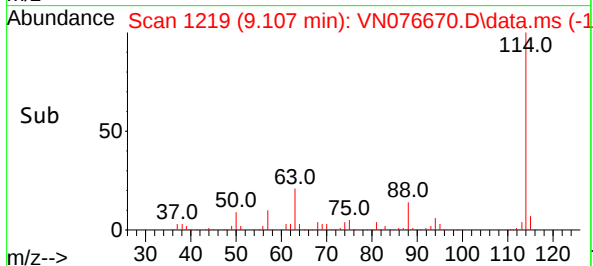
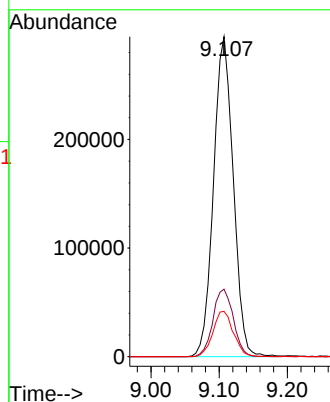
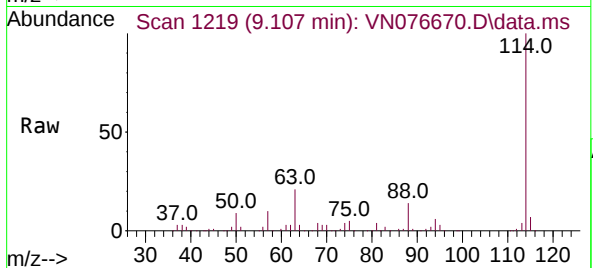
Tgt Ion:114 Resp: 593671

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

88 14.2 0.0 29.6



#35

Dibromofluoromethane

Concen: 45.682 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076670.D

Acq: 14 Feb 2023 19:00

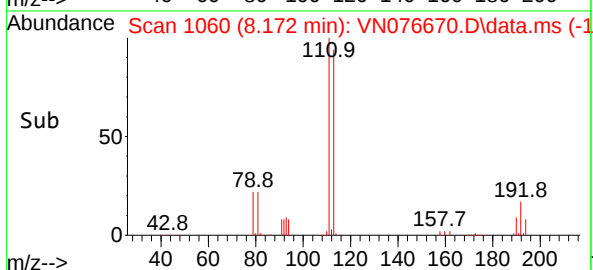
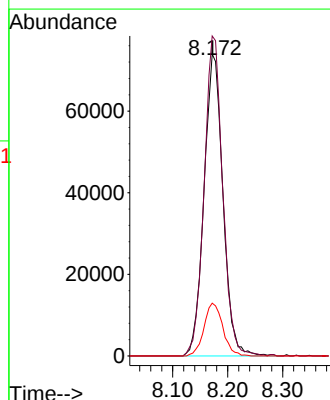
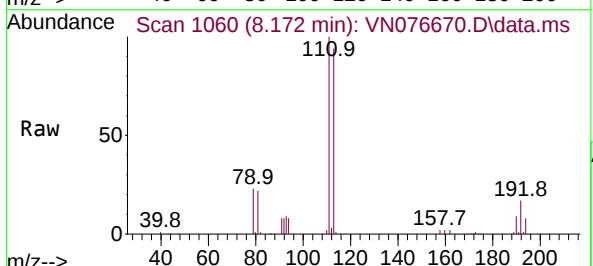
Tgt Ion:113 Resp: 177605

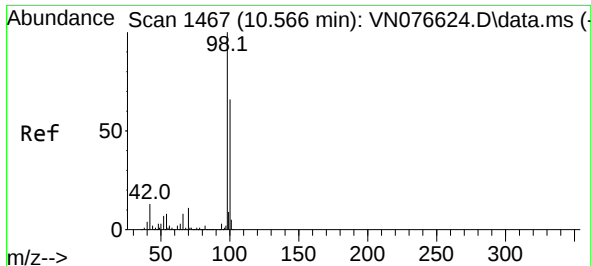
Ion Ratio Lower Upper

113 100

111 103.2 83.1 124.7

192 17.3 15.6 23.4

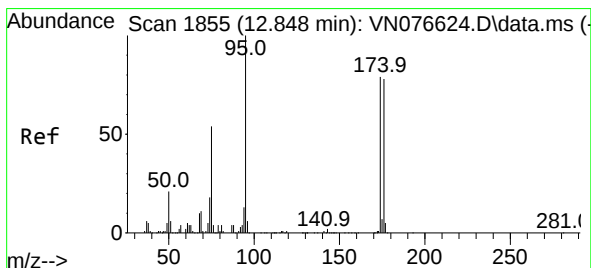
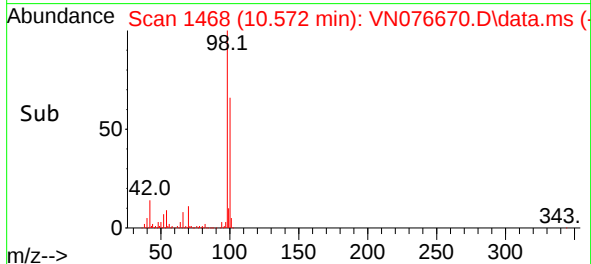
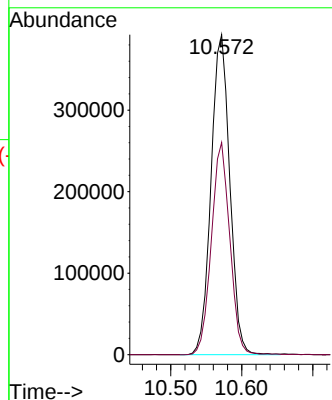
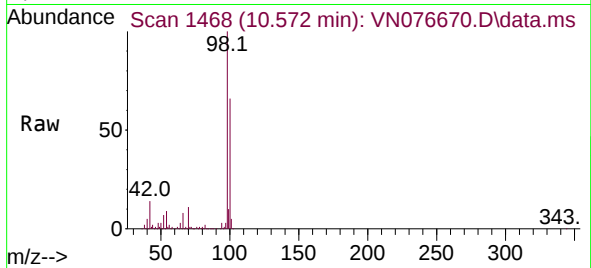




#50
Toluene-d8
Concen: 49.465 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076670.D
Acq: 14 Feb 2023 19:00

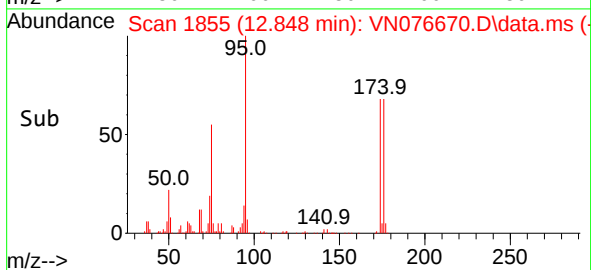
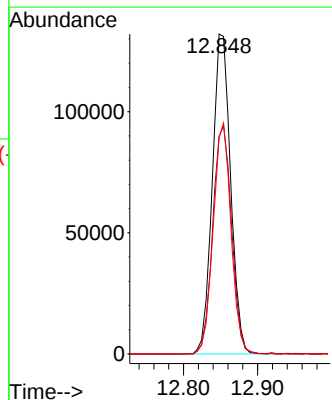
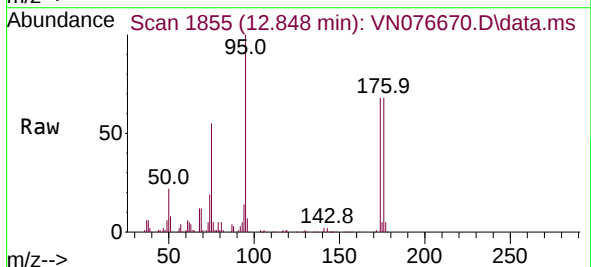
Instrument :
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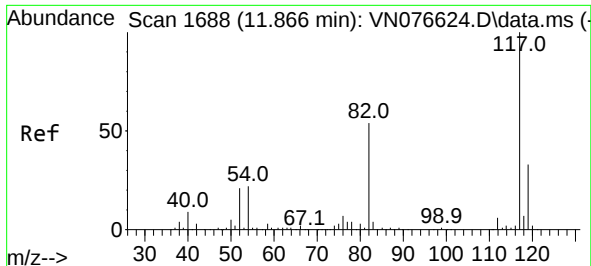
Tgt Ion: 98 Resp: 718194
Ion Ratio Lower Upper
98 100
100 65.0 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 47.031 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN076670.D
Acq: 14 Feb 2023 19:00

Tgt Ion: 95 Resp: 226166
Ion Ratio Lower Upper
95 100
174 73.5 0.0 169.2
176 70.3 0.0 163.4

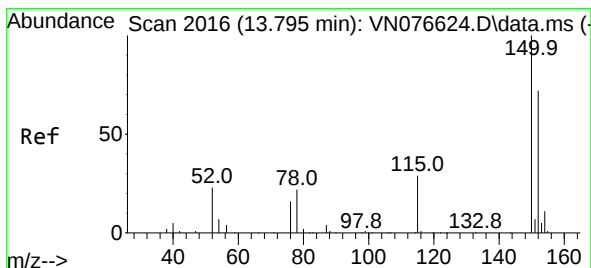
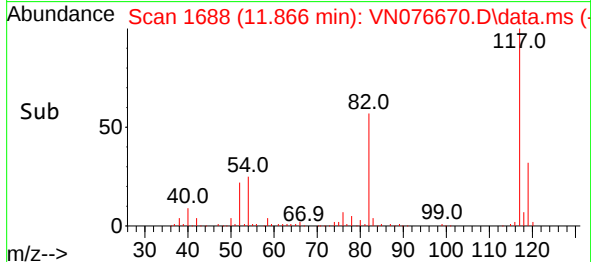
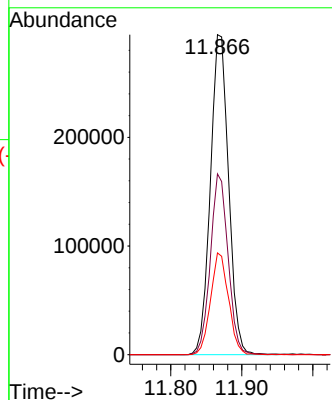
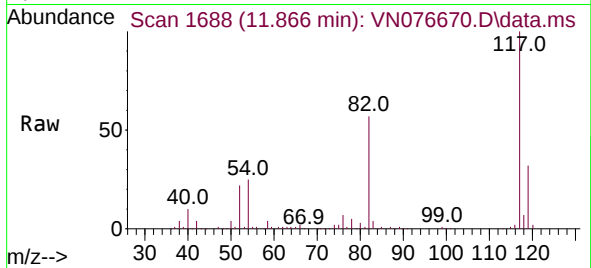




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1696
Delta R.T. -0.000 min
Lab File: VN076670.D
Acq: 14 Feb 2023 19:00

Instrument :
MSVOA_N
ClientSampleId :
1696

Tgt Ion:117 Resp: 523483
Ion Ratio Lower Upper
117 100
82 56.5 43.4 65.2
119 31.8 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: VN076670.D
Acq: 14 Feb 2023 19:00

Tgt Ion:152 Resp: 212606
Ion Ratio Lower Upper
152 100
115 62.1 29.3 87.9
150 154.0 0.0 349.8

