

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
 Data File : VN076635.D
 Acq On : 13 Feb 2023 18:20
 Operator : JC\MD
 Sample : 01532-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-021023

Quant Time: Feb 14 05:25:39 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	383521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	695168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	611166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	251637	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	267563	50.523	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.040%
35) Dibromofluoromethane	8.172	113	211145	46.380	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.760%
50) Toluene-d8	10.572	98	827762	48.687	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.380%
62) 4-Bromofluorobenzene	12.854	95	260711	46.299	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.600%

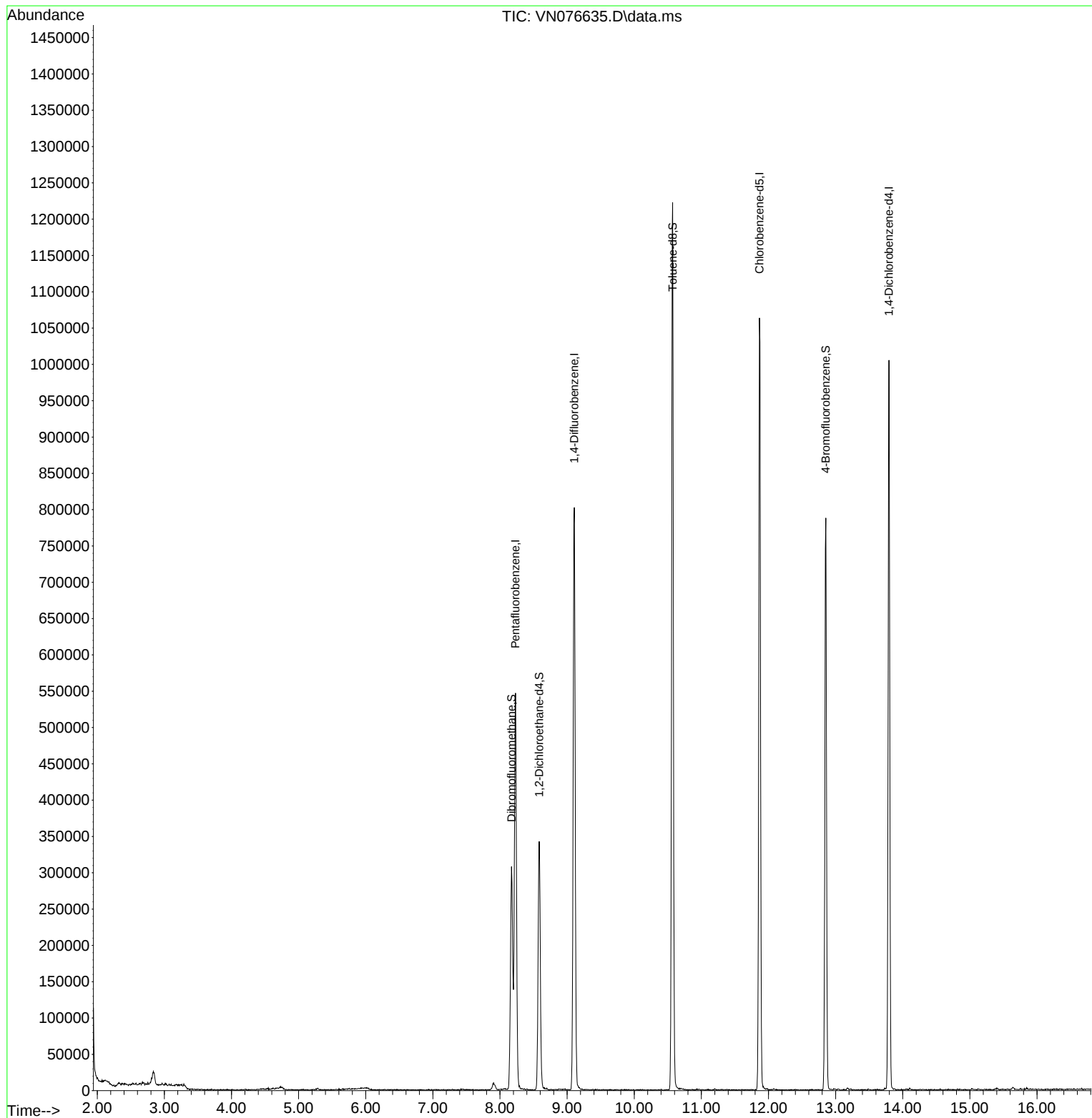
Target Compounds	Qvalue

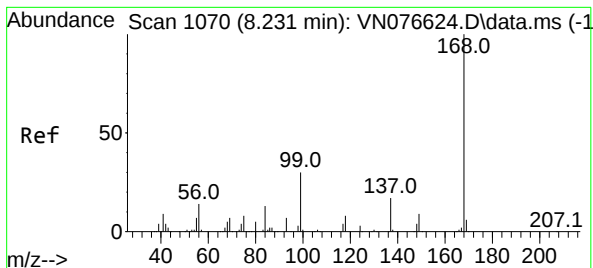
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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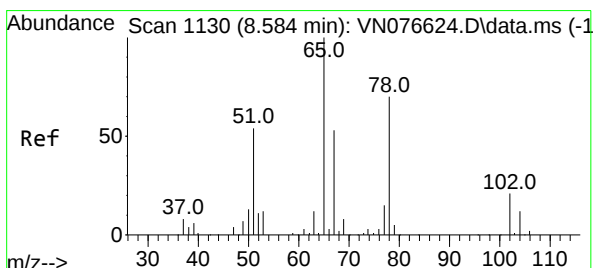
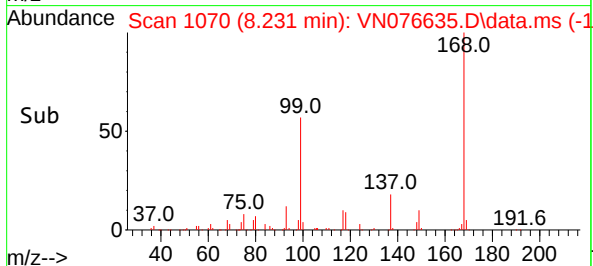
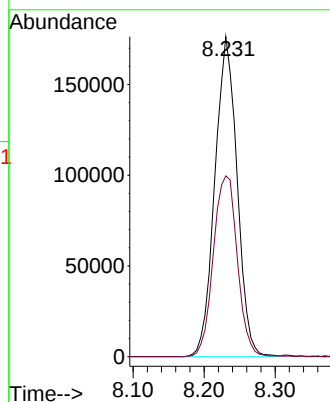
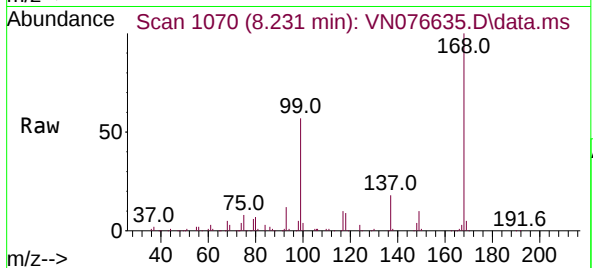




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076635.D
Acq: 13 Feb 2023 18:20

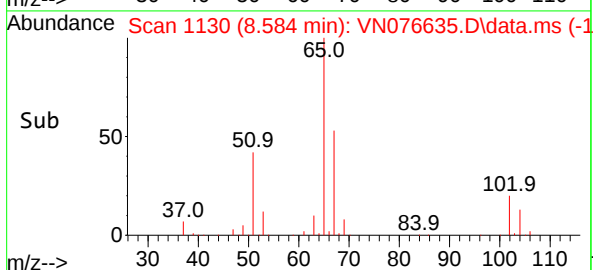
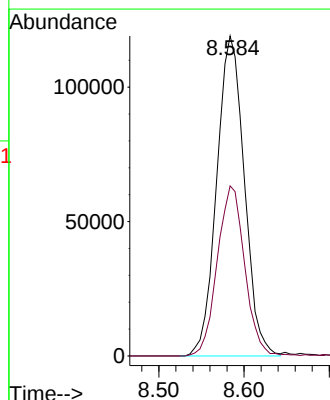
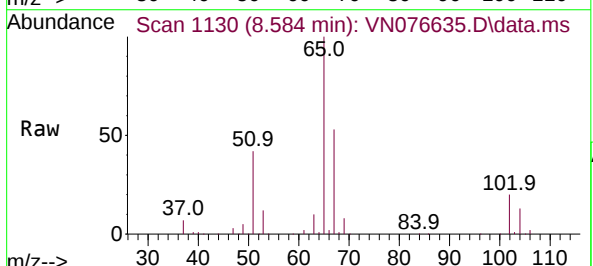
Instrument :
MSVOA_N
ClientSampleId :
TB-01-021023

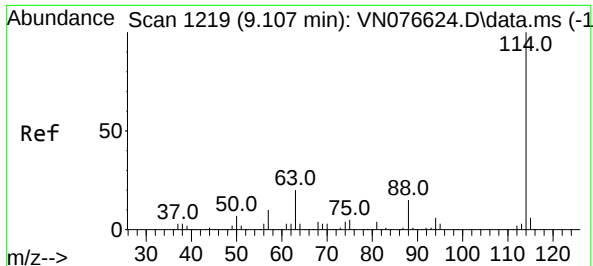
Tgt Ion:168 Resp: 383521
Ion Ratio Lower Upper
168 100
99 56.5 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 50.523 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076635.D
Acq: 13 Feb 2023 18:20

Tgt Ion: 65 Resp: 267563
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076635.D

Acq: 13 Feb 2023 18:20

Instrument :

MSVOA_N

ClientSampleId :

TB-01-021023

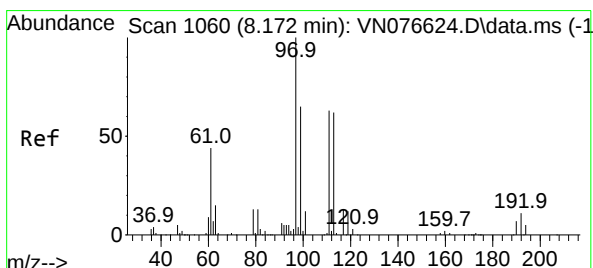
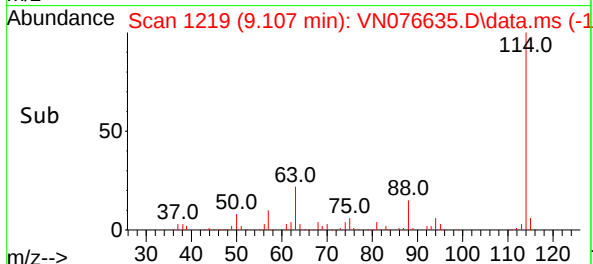
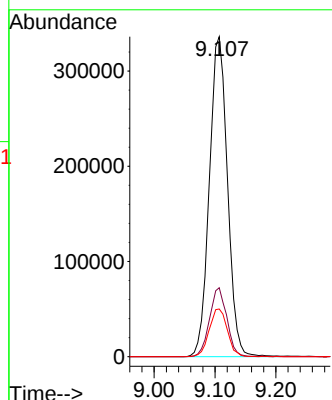
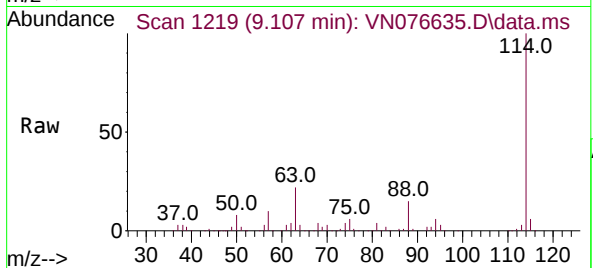
Tgt Ion:114 Resp: 695168

Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.0

88 14.9 0.0 29.6



#35

Dibromofluoromethane

Concen: 46.380 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076635.D

Acq: 13 Feb 2023 18:20

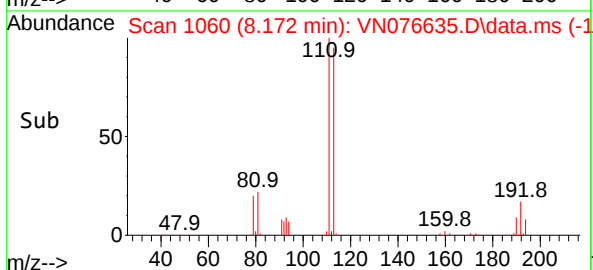
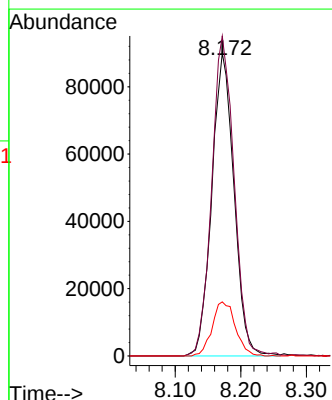
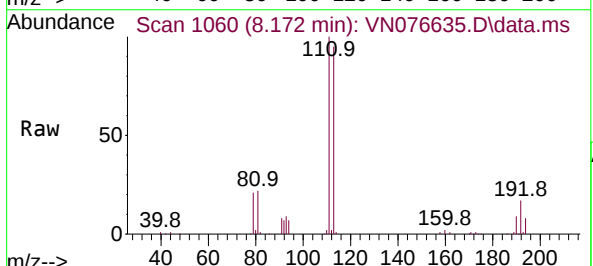
Tgt Ion:113 Resp: 211145

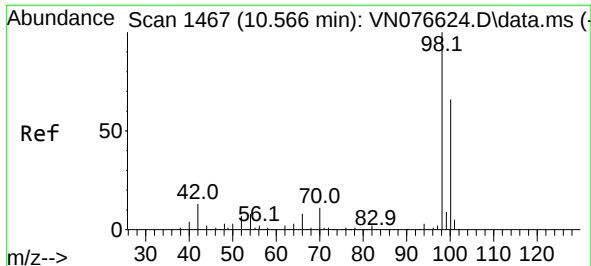
Ion Ratio Lower Upper

113 100

111 106.6 83.1 124.7

192 18.7 15.6 23.4

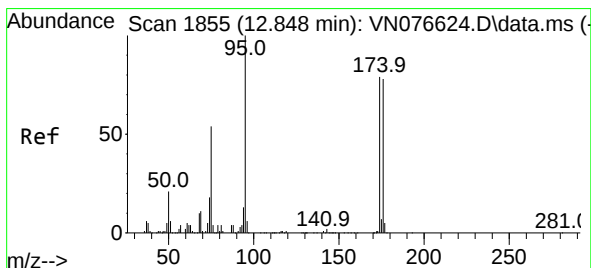
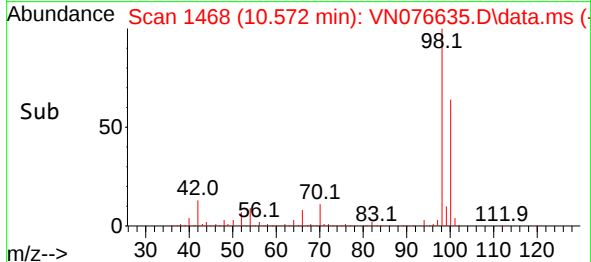
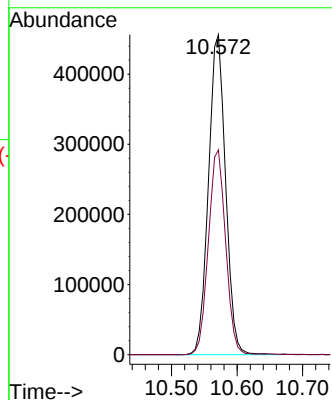
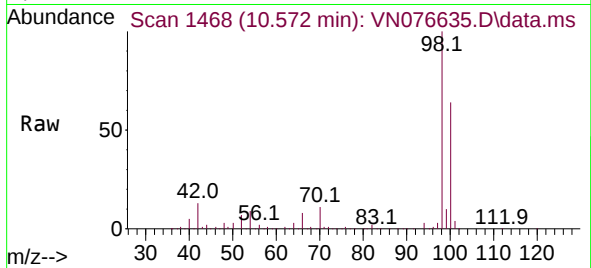




#50
Toluene-d8
Concen: 48.687 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076635.D
Acq: 13 Feb 2023 18:20

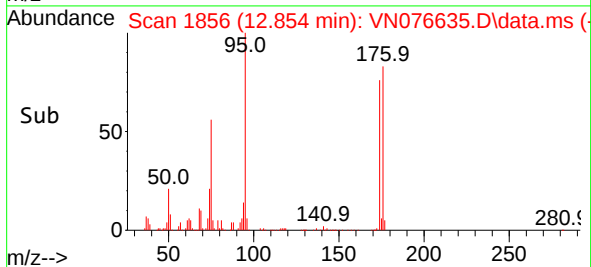
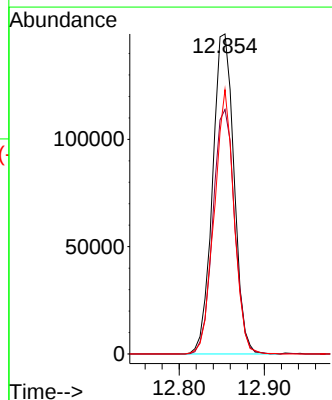
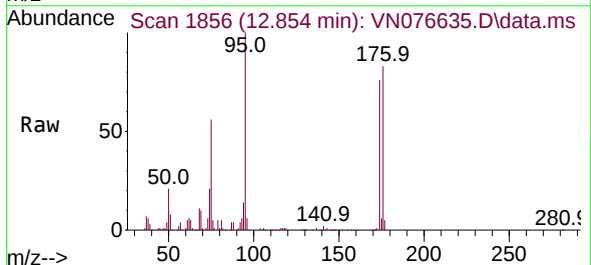
Instrument :
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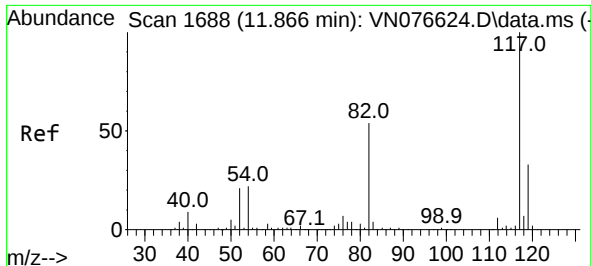
Tgt Ion: 98 Resp: 827762
Ion Ratio Lower Upper
98 100
100 64.5 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 46.299 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076635.D
Acq: 13 Feb 2023 18:20

Tgt Ion: 95 Resp: 260711
Ion Ratio Lower Upper
95 100
174 77.3 0.0 169.2
176 76.0 0.0 163.4

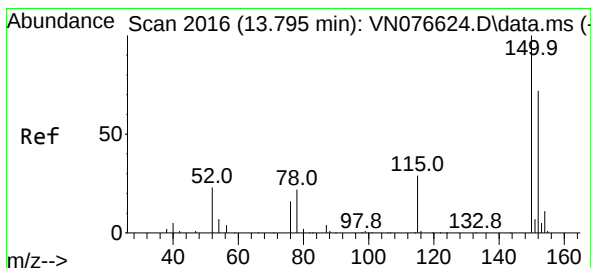
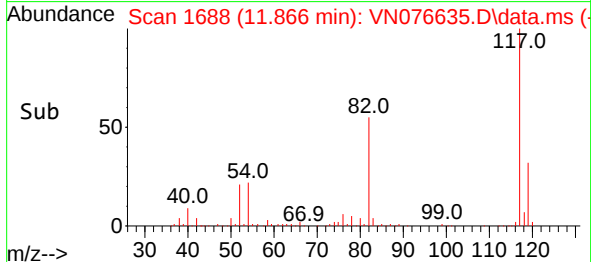
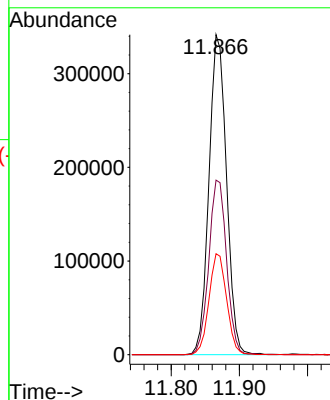
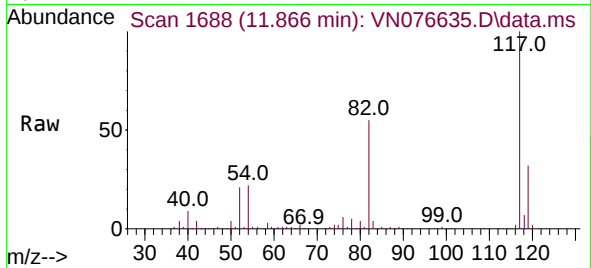




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076635.D
Acq: 13 Feb 2023 18:20

Instrument :
MSVOA_N
ClientSampleId :
TB-01-021023

Tgt Ion:117 Resp: 611166
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.2
119 31.6 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: VN076635.D
Acq: 13 Feb 2023 18:20

Tgt Ion:152 Resp: 251637
Ion Ratio Lower Upper
152 100
115 59.2 29.3 87.9
150 158.6 0.0 349.8

