

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
 Data File : VN076639.D
 Acq On : 13 Feb 2023 19:56
 Operator : JC\MD
 Sample : 01536-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Feb 14 05:27:00 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	8.236	168	331435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	599937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	531401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	211612	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	234003	51.130	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.260%
35) Dibromofluoromethane	8.178	113	181601	46.222	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.440%
50) Toluene-d8	10.572	98	721071	49.144	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.280%
62) 4-Bromofluorobenzene	12.854	95	226215	46.550	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.100%

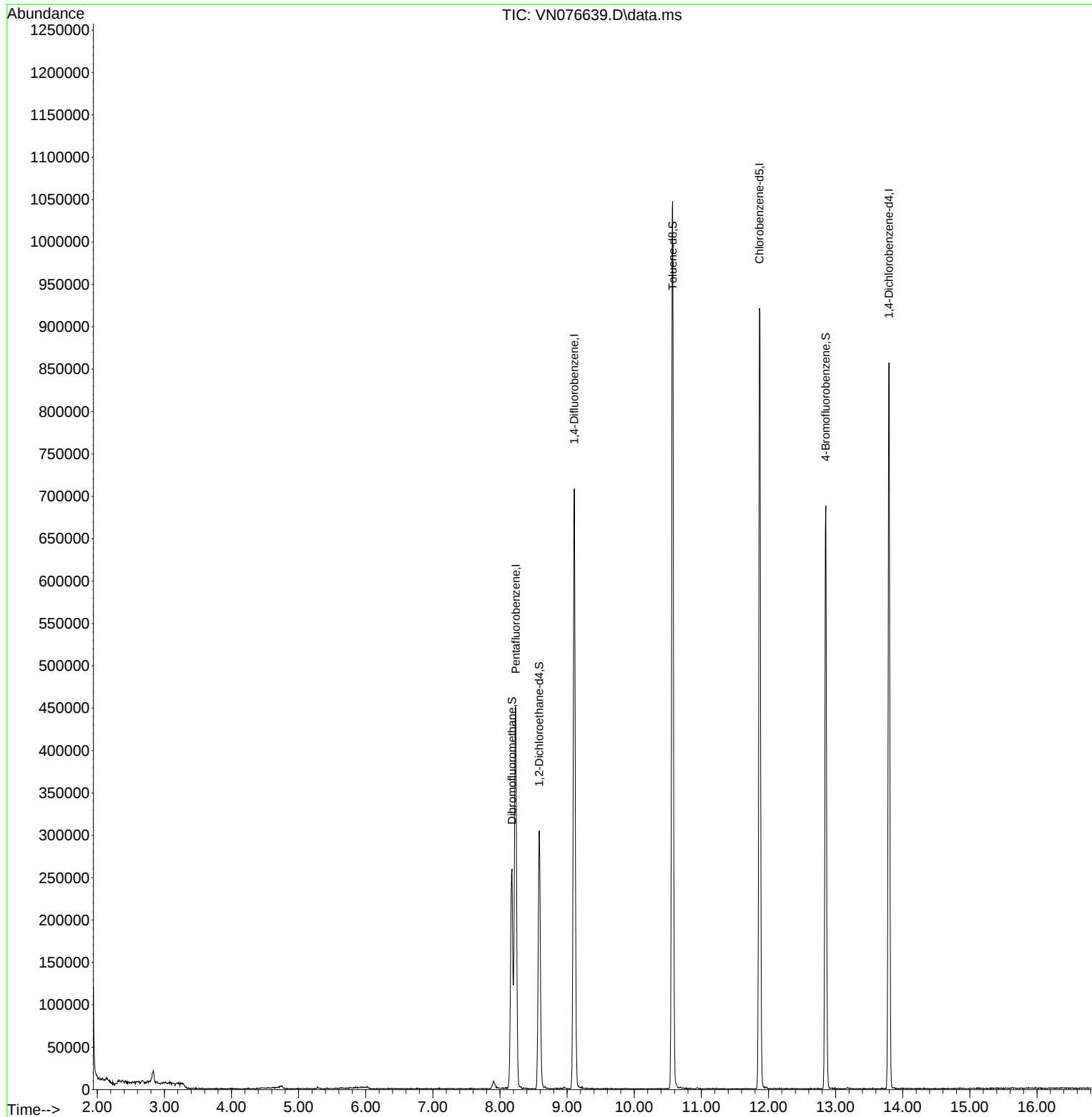
Target Compounds	Qvalue

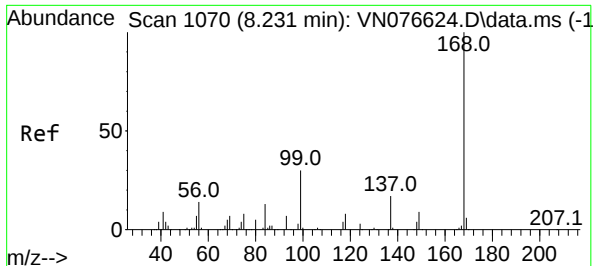
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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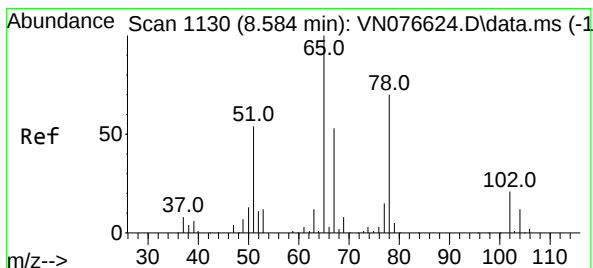
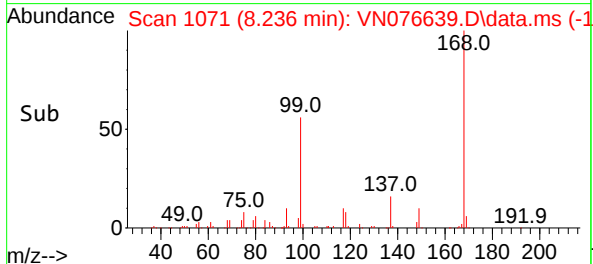
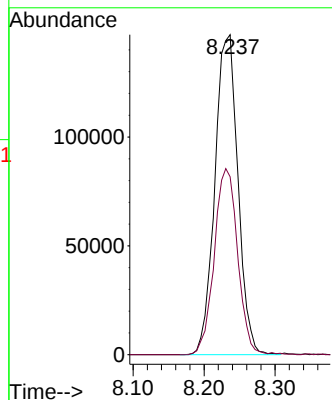
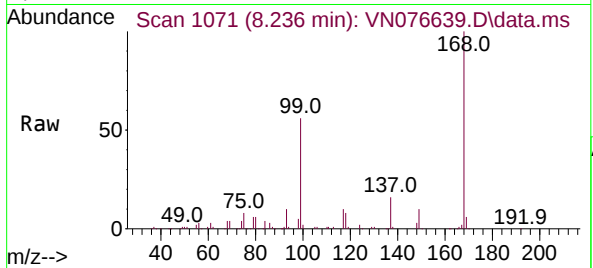




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1107
Delta R.T. 0.005 min
Lab File: VN076639.D
Acq: 13 Feb 2023 19:56

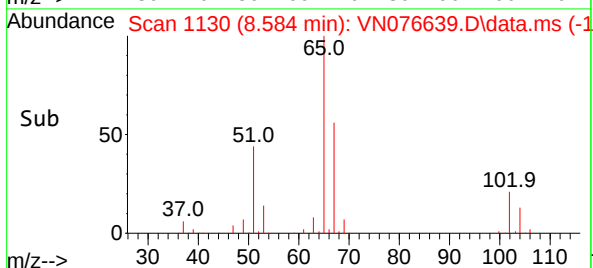
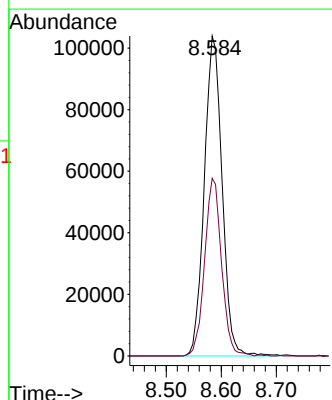
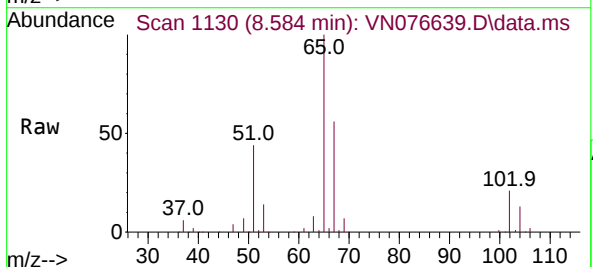
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

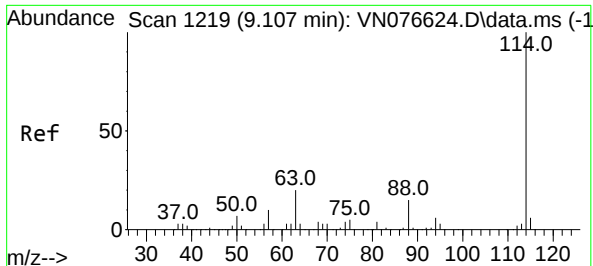
Tgt Ion:168 Resp: 331435
Ion Ratio Lower Upper
168 100
99 55.6 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 51.130 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN076639.D
Acq: 13 Feb 2023 19:56

Tgt Ion: 65 Resp: 234003
Ion Ratio Lower Upper
65 100
67 52.7 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: VN076639.D

Acq: 13 Feb 2023 19:56

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

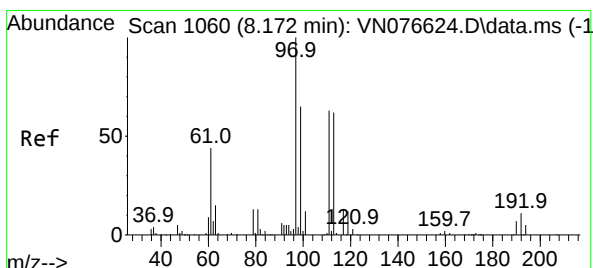
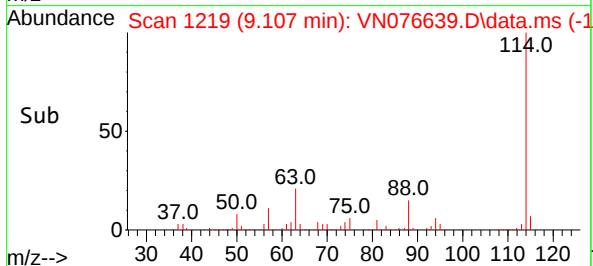
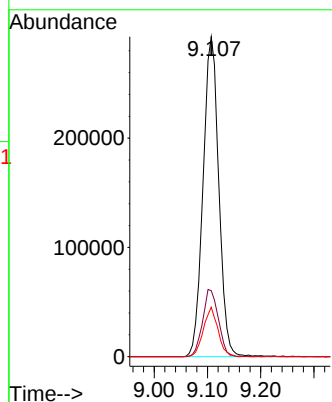
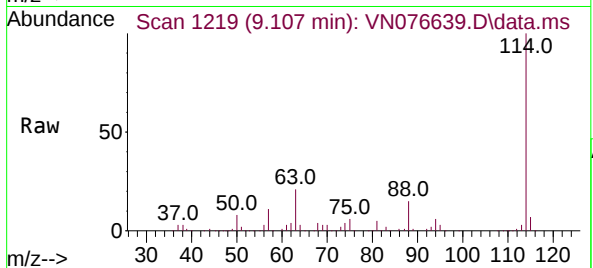
Tgt Ion:114 Resp: 599937

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.0

88 15.5 0.0 29.6



#35

Dibromofluoromethane

Concen: 46.222 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VN076639.D

Acq: 13 Feb 2023 19:56

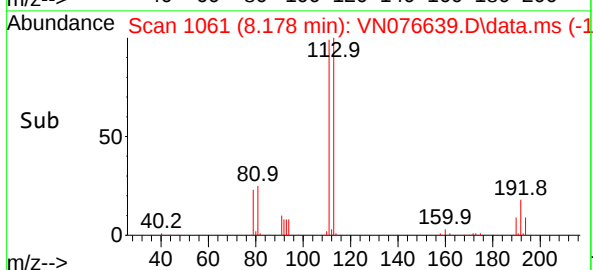
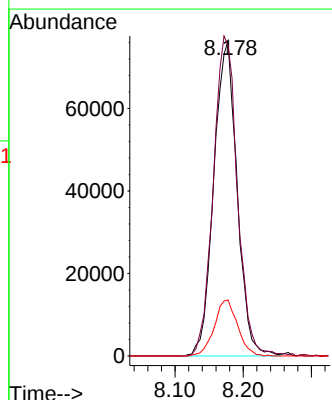
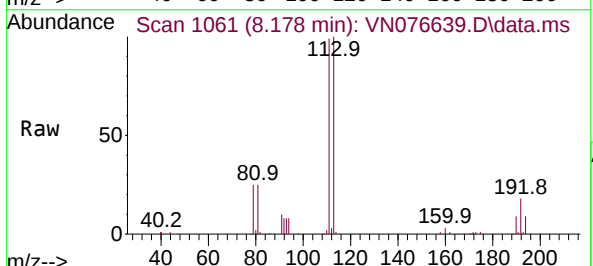
Tgt Ion:113 Resp: 181601

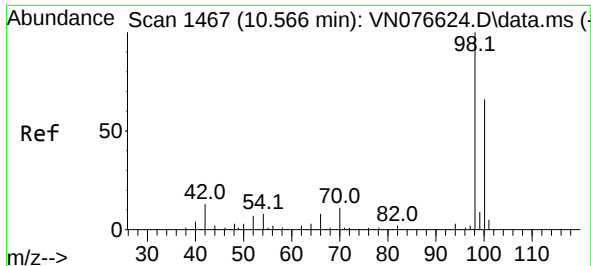
Ion Ratio Lower Upper

113 100

111 104.7 83.1 124.7

192 17.8 15.6 23.4

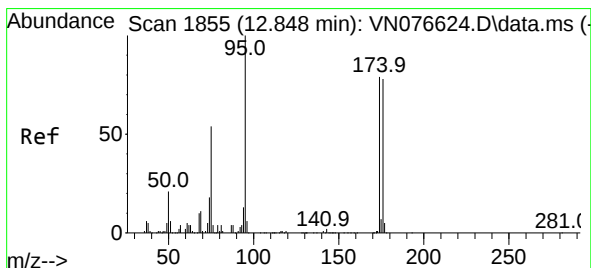
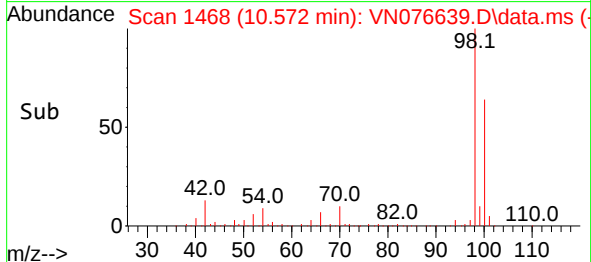
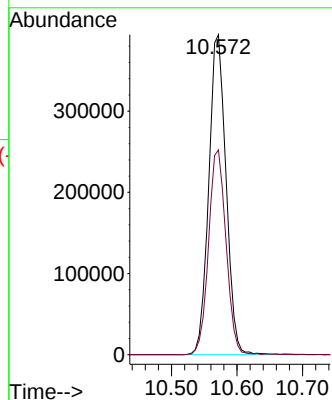
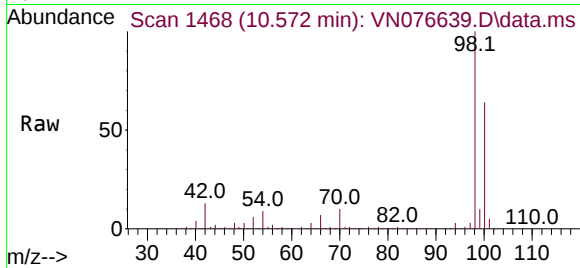




#50
Toluene-d8
Concen: 49.144 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076639.D
Acq: 13 Feb 2023 19:56

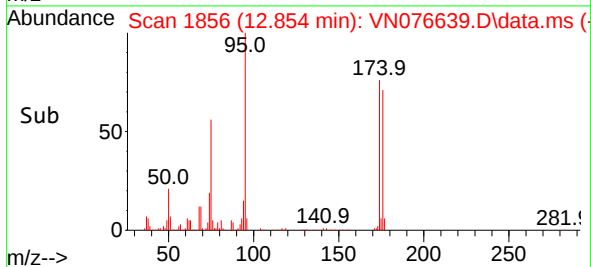
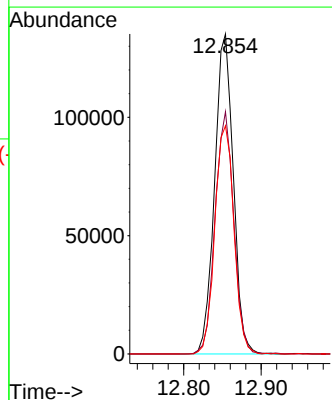
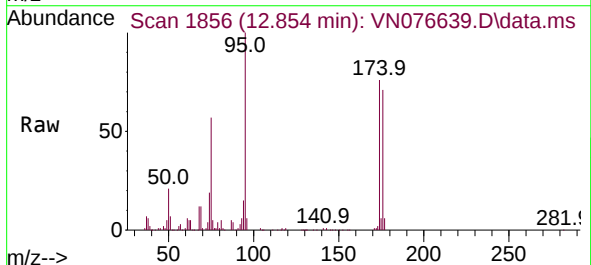
Instrument :
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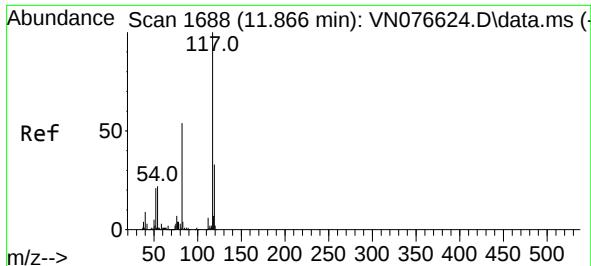
Tgt Ion: 98 Resp: 721071
Ion Ratio Lower Upper
98 100
100 64.9 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 46.550 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076639.D
Acq: 13 Feb 2023 19:56

Tgt Ion: 95 Resp: 226215
Ion Ratio Lower Upper
95 100
174 75.8 0.0 169.2
176 73.0 0.0 163.4

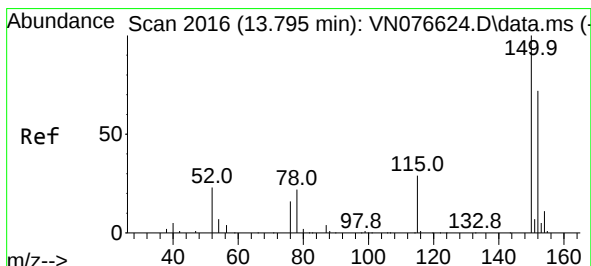
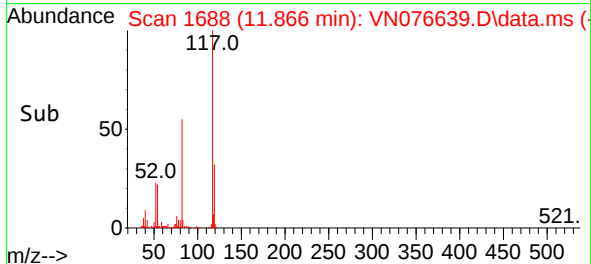
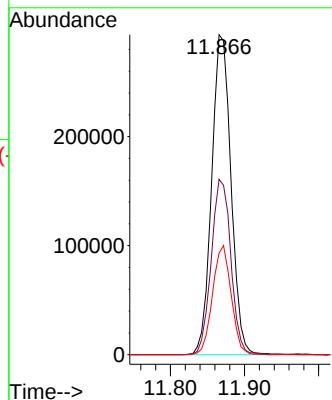
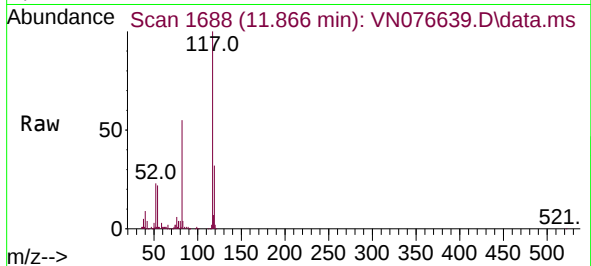




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN076639.D
Acq: 13 Feb 2023 19:56

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:	117	Resp:	531401
Ion Ratio	Lower	Upper	
117	100		
82	54.8	43.4	65.2
119	31.7	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: VN076639.D
Acq: 13 Feb 2023 19:56

Tgt Ion:	152	Resp:	211612
Ion Ratio	Lower	Upper	
152	100		
115	60.8	29.3	87.9
150	159.5	0.0	349.8

