

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076331.D
 Acq On : 19 Jan 2023 18:31
 Operator : JC\MD
 Sample : 01236-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-1875

Quant Time: Jan 20 01:00:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

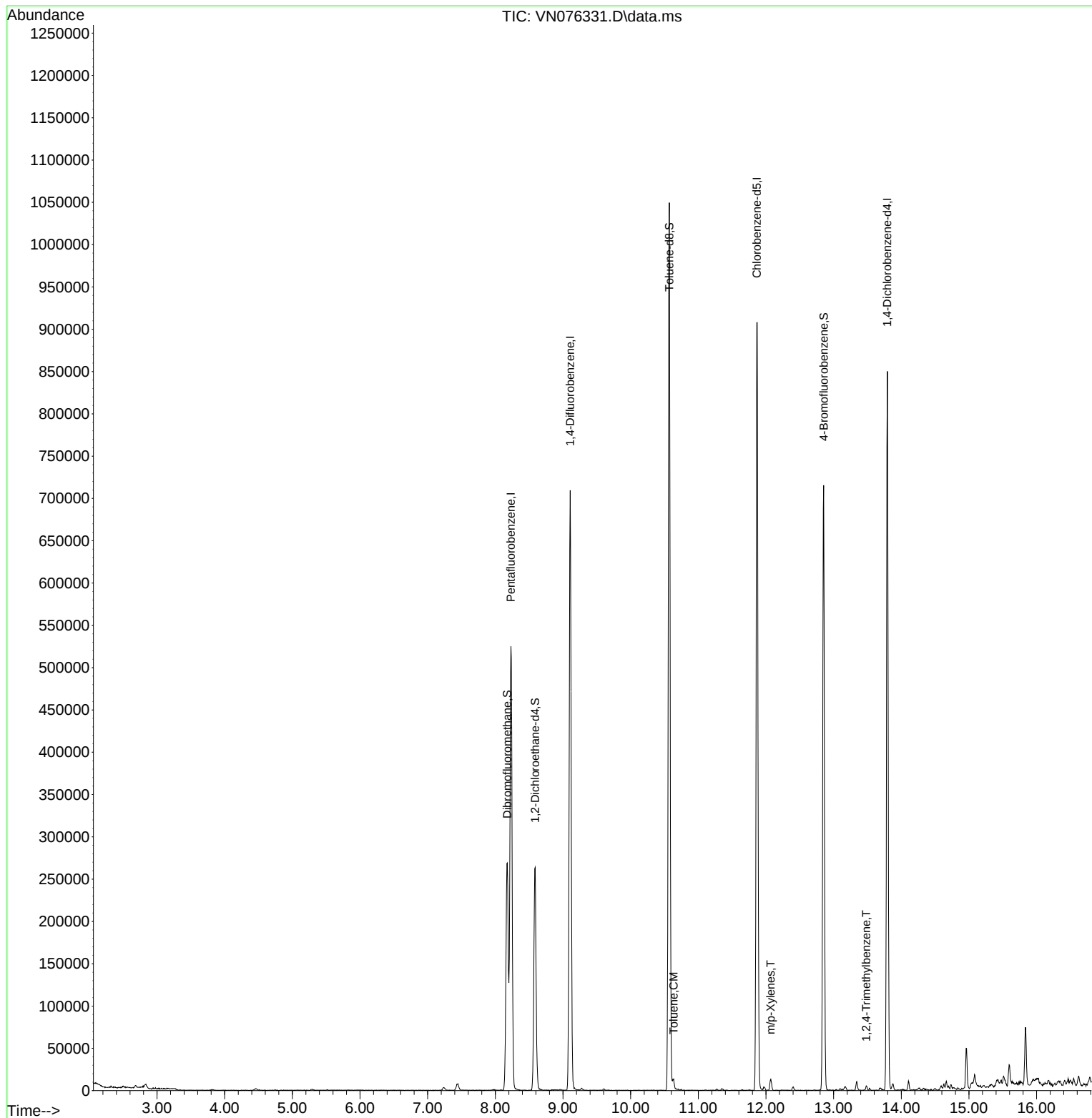
Internal Standards						
1) Pentafluorobenzene	8.230	168	413577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	648325	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	575081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	236078	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	217501	46.969	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.940%
35) Dibromofluoromethane	8.177	113	196077	48.348	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.700%
50) Toluene-d8	10.571	98	746260	49.825	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.660%
62) 4-Bromofluorobenzene	12.853	95	237147	48.501	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.000%
Target Compounds						
					Qvalue	
52) Toluene	10.635	92	4515	0.392	ug/l	82
68) m/p-Xylenes	12.071	106	4483	0.537	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	3942	0.257	ug/l	94

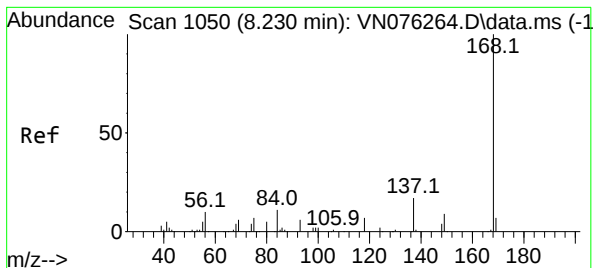
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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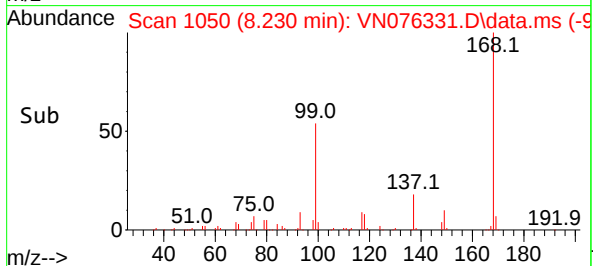
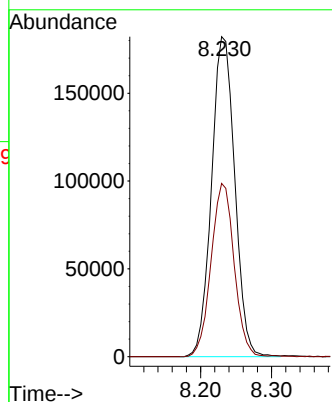
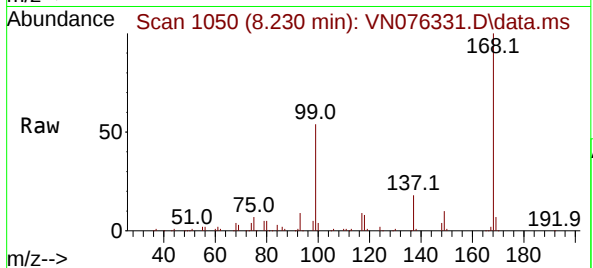




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN076331.D
Acq: 19 Jan 2023 18:31

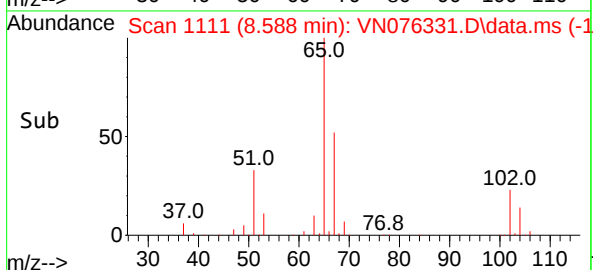
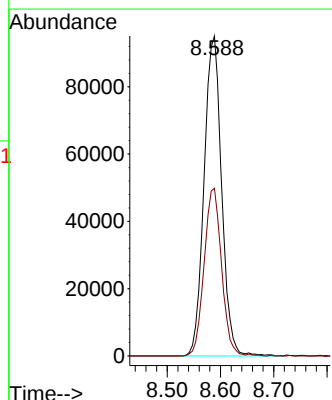
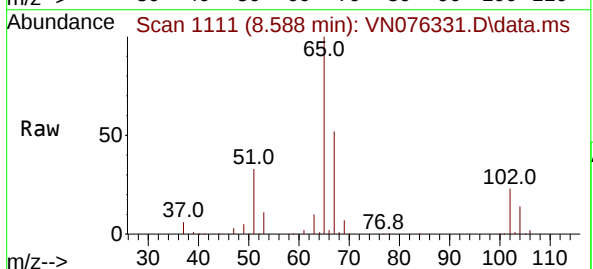
Instrument :
MSVOA_N
ClientSampleId :
NWB-1875

Tgt Ion:168 Resp: 413577
Ion Ratio Lower Upper
168 100
99 54.2 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 46.969 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076331.D
Acq: 19 Jan 2023 18:31

Tgt Ion: 65 Resp: 217501
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076331.D

Acq: 19 Jan 2023 18:31

Instrument :

MSVOA_N

ClientSampleId :

NWB-1875

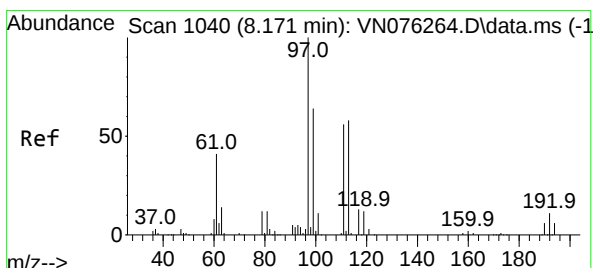
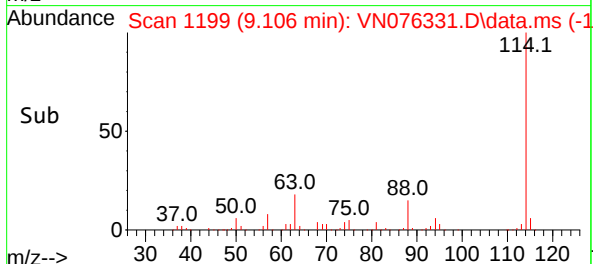
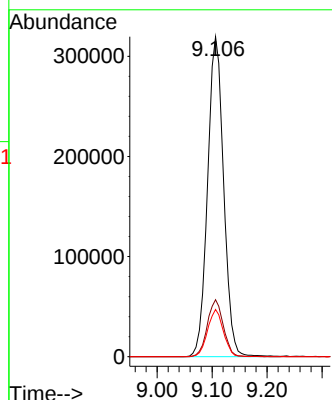
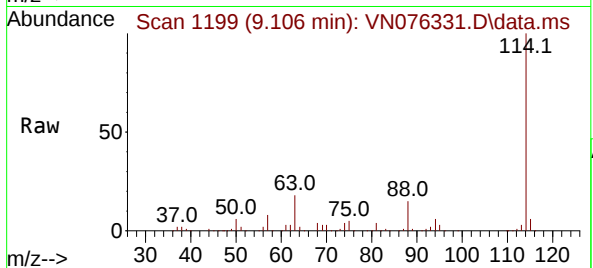
Tgt Ion:114 Resp: 648325

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.8

88 14.7 0.0 28.0



#35

Dibromofluoromethane

Concen: 48.348 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076331.D

Acq: 19 Jan 2023 18:31

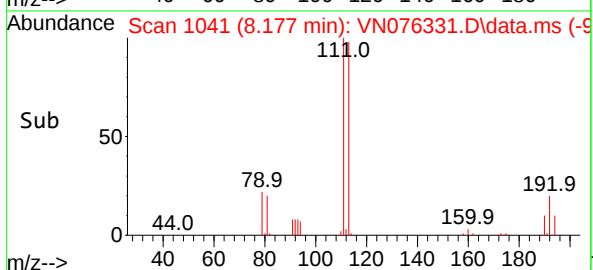
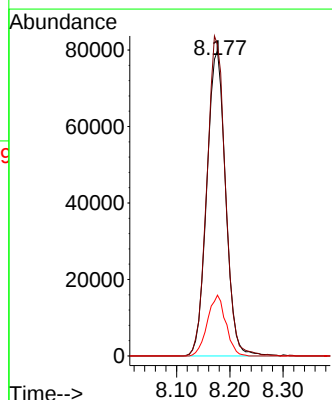
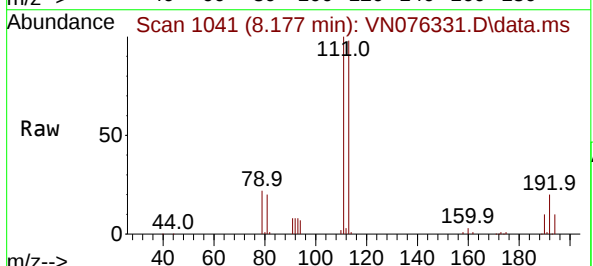
Tgt Ion:113 Resp: 196077

Ion Ratio Lower Upper

113 100

111 103.0 82.7 124.1

192 19.5 15.6 23.4

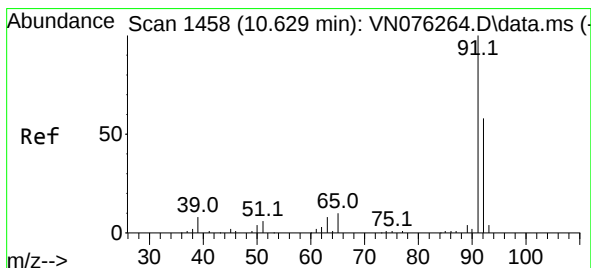
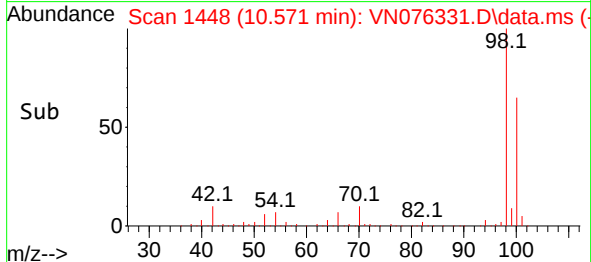
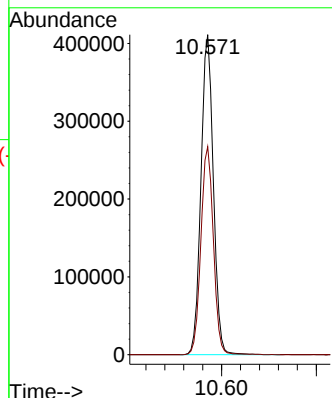
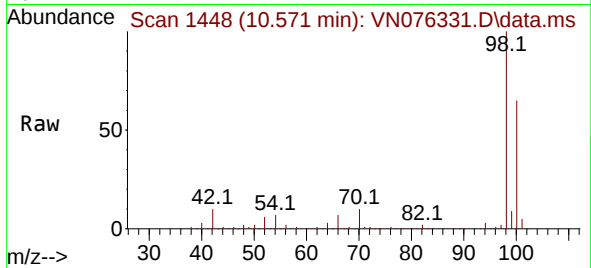




#50
Toluene-d8
Concen: 49.825 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076331.D
Acq: 19 Jan 2023 18:31

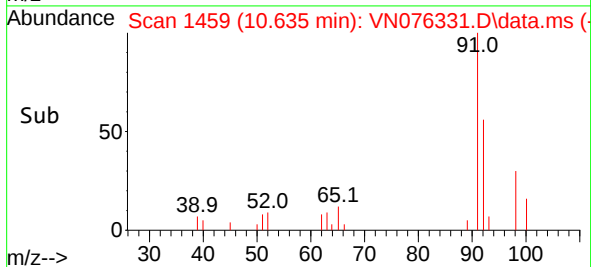
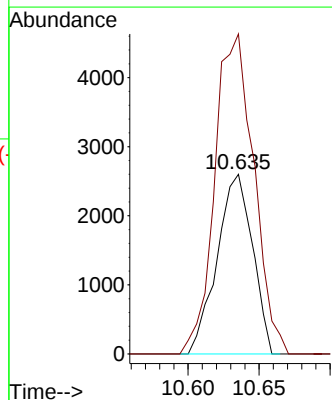
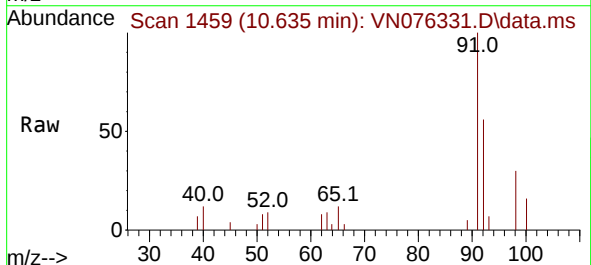
Instrument :
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ClientSampleId :
NWB-1875

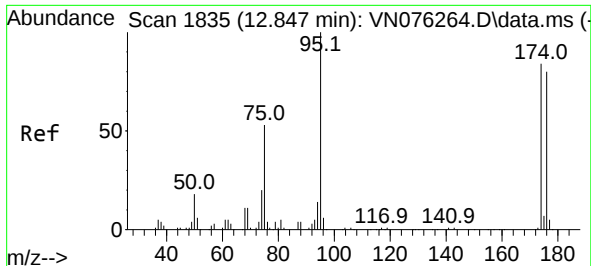
Tgt Ion: 98 Resp: 746260
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4



#52
Toluene
Concen: 0.392 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN076331.D
Acq: 19 Jan 2023 18:31

Tgt Ion: 92 Resp: 4515
Ion Ratio Lower Upper
92 100
91 196.1 136.6 205.0

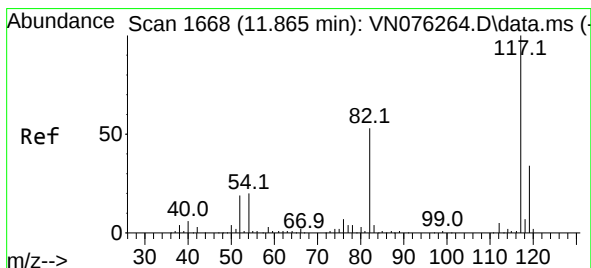
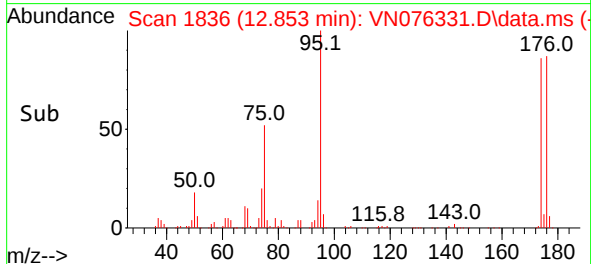
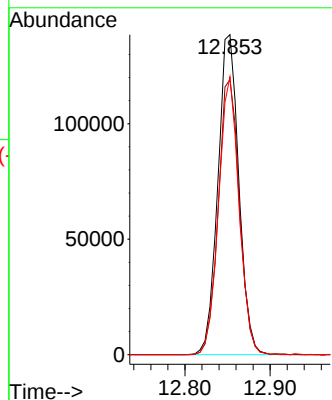
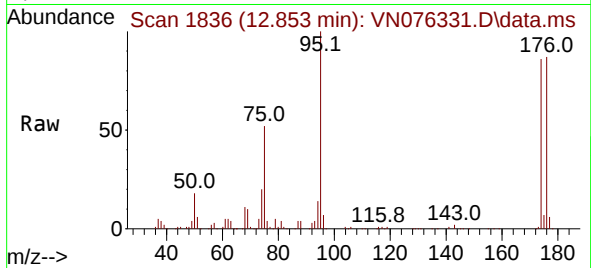




#62
4-Bromofluorobenzene
Concen: 48.501 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076331.D
Acq: 19 Jan 2023 18:31

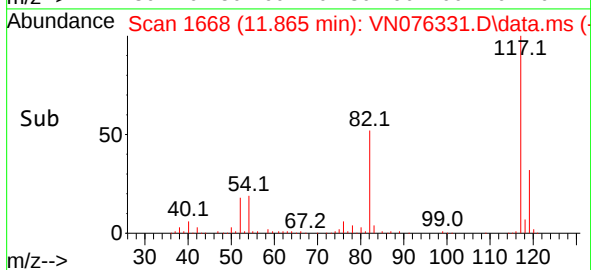
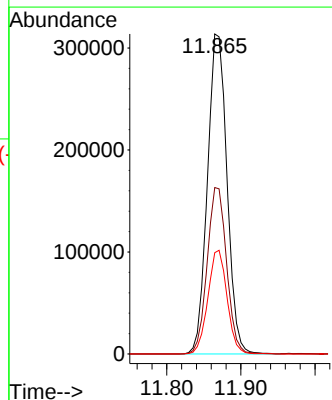
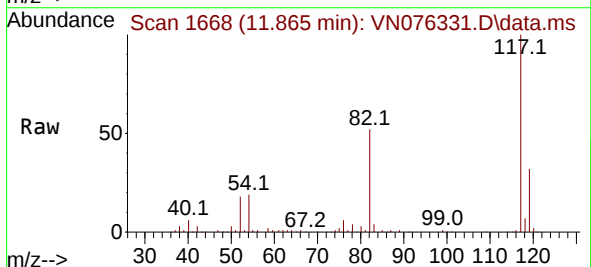
Instrument :
MSVOA_N
ClientSampleId :
NWB-1875

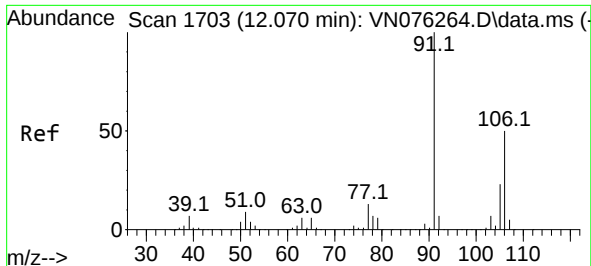
Tgt Ion: 95 Resp: 237147
Ion Ratio Lower Upper
95 100
174 86.8 0.0 174.6
176 84.3 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076331.D
Acq: 19 Jan 2023 18:31

Tgt Ion: 117 Resp: 575081
Ion Ratio Lower Upper
117 100
82 52.0 42.2 63.2
119 31.6 26.9 40.3

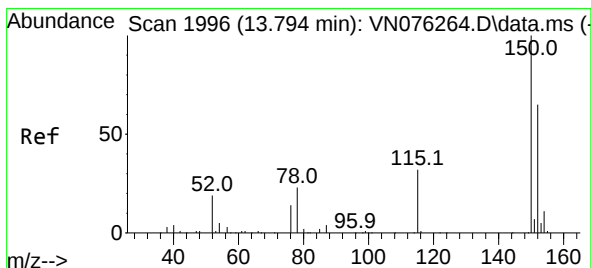
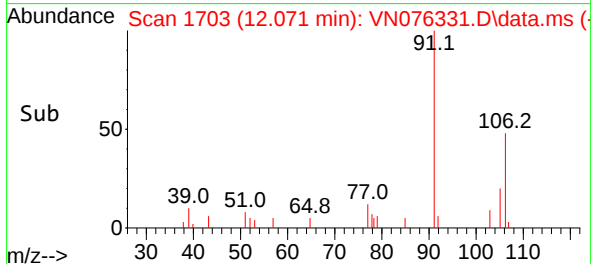
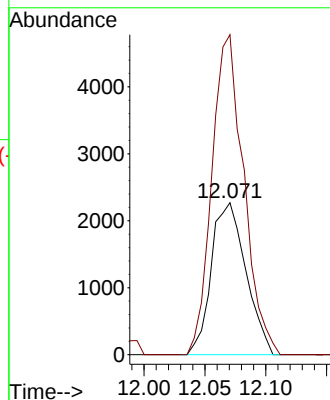
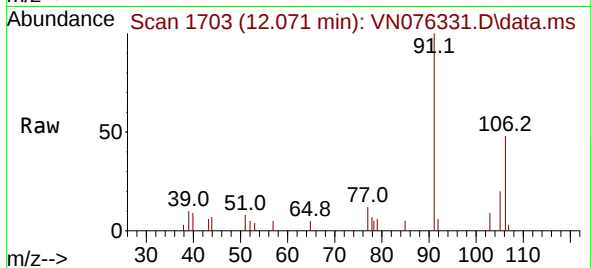




#68
m/p-Xylenes
Concen: 0.537 ug/l
RT: 12.071 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN076331.D
Acq: 19 Jan 2023 18:31

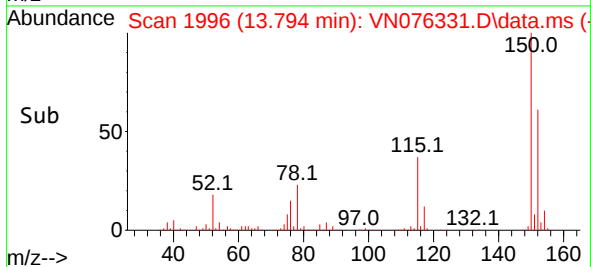
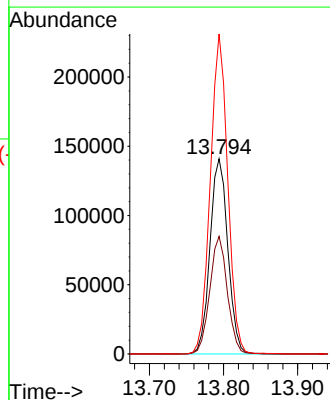
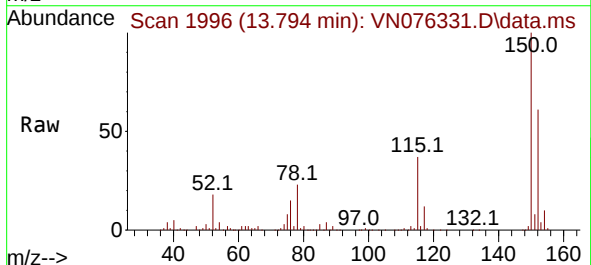
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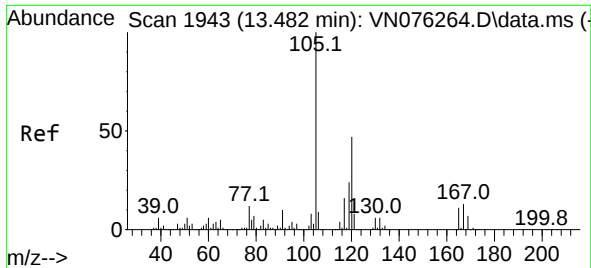
Tgt Ion:106 Resp: 4483
Ion Ratio Lower Upper
106 100
91 194.5 157.5 236.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076331.D
Acq: 19 Jan 2023 18:31

Tgt Ion:152 Resp: 236078
Ion Ratio Lower Upper
152 100
115 59.2 29.6 88.9
150 159.5 0.0 351.4





#84
 1,2,4-Trimethylbenzene
 Concen: 0.257 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. 0.000 min
 Lab File: VN076331.D
 Acq: 19 Jan 2023 18:31

Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-1875

Tgt Ion:105 Resp: 3942
 Ion Ratio Lower Upper
 105 100
 120 50.0 22.9 68.5

