

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072023\
 Data File : VN078592.D
 Acq On : 20 Jul 2023 14:09
 Operator : JC\MD
 Sample : 03683-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NORTH-TURNPIKE

Quant Time: Jul 21 06:11:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

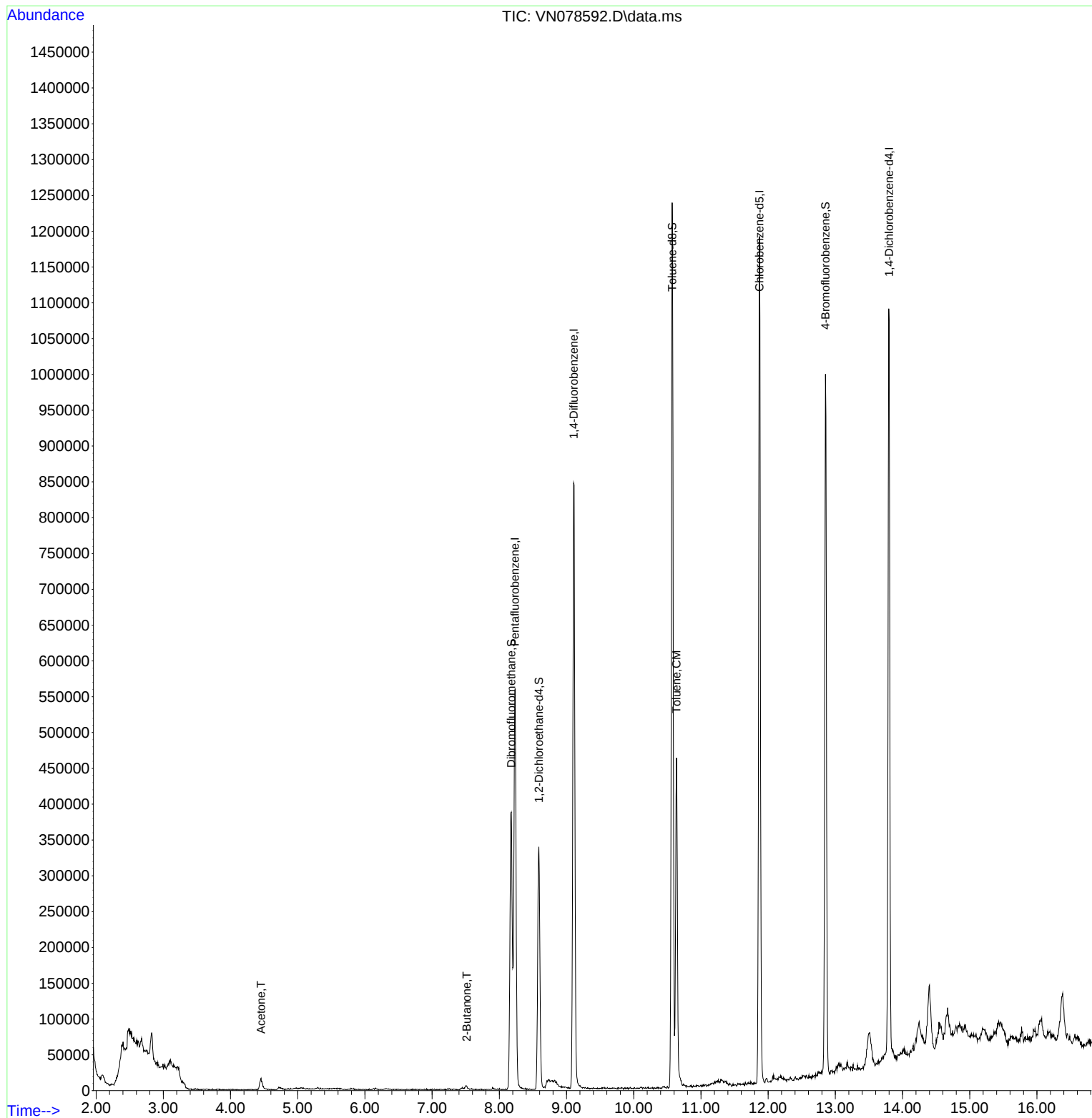
Internal Standards						
1) Pentafluorobenzene	8.230	168	413626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	756645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	722114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	294735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	281867	50.832	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.660%	
35) Dibromofluoromethane	8.177	113	286962	55.869	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.740%	
50) Toluene-d8	10.571	98	897668	46.263	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 92.520%	
62) 4-Bromofluorobenzene	12.853	95	347272	58.104	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 116.200%	
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	26894	15.570	ug/l #	78
25) 2-Butanone	7.512	43	7669	2.821	ug/l #	84
52) Toluene	10.635	92	196647	14.441	ug/l	94

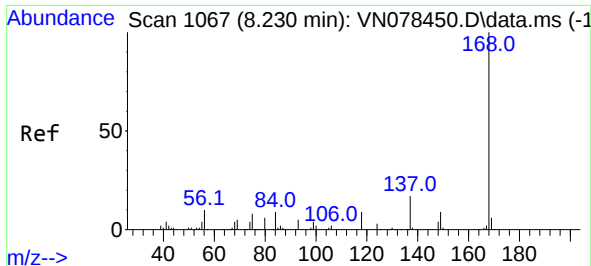
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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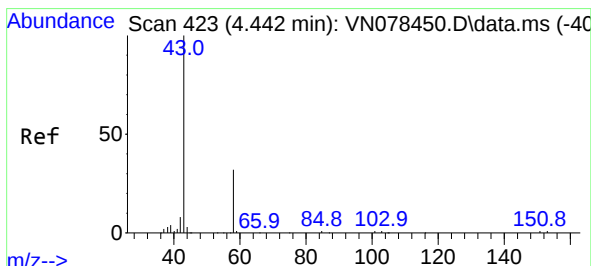
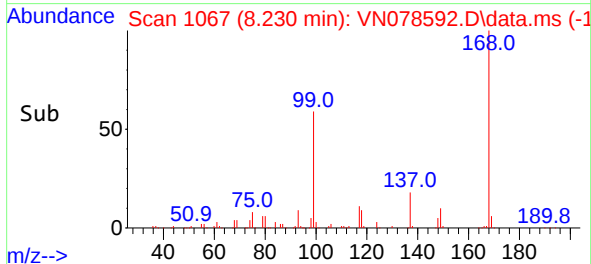
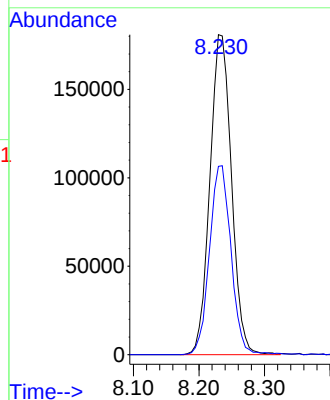
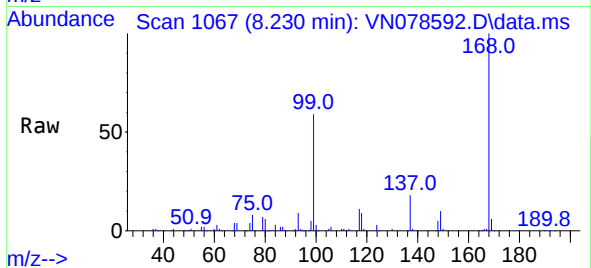




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078592.D
Acq: 20 Jul 2023 14:09

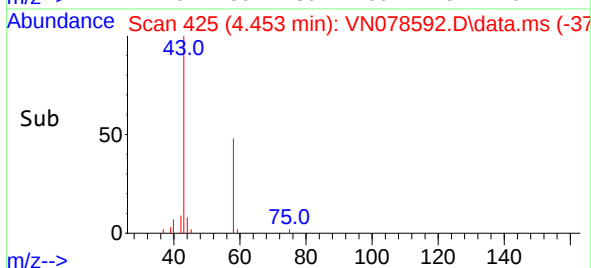
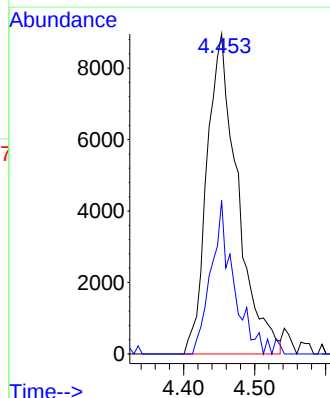
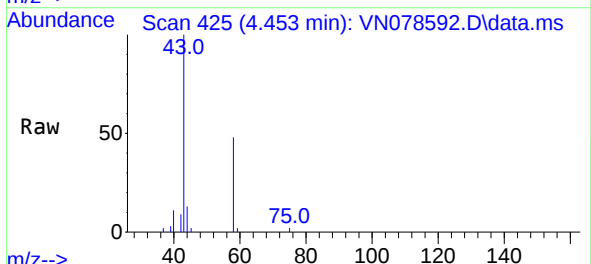
Instrument :
MSVOA_N
ClientSampleId :
NORTH-TURNPIKE

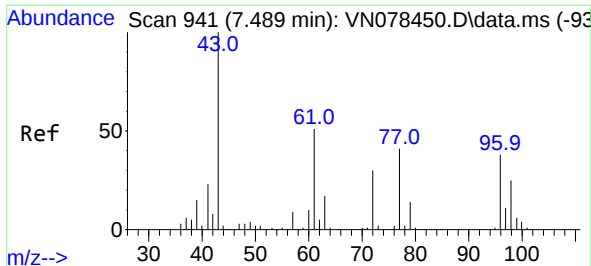
Tgt Ion:168 Resp: 413626
Ion Ratio Lower Upper
168 100
99 58.8 53.0 79.6



#16
Acetone
Concen: 15.570 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.011 min
Lab File: VN078592.D
Acq: 20 Jul 2023 14:09

Tgt Ion: 43 Resp: 26894
Ion Ratio Lower Upper
43 100
58 48.0 28.0 42.0#





#25

2-Butanone

Concen: 2.821 ug/l

RT: 7.512 min Scan# 941

Delta R.T. 0.023 min

Lab File: VN078592.D

Acq: 20 Jul 2023 14:09

Instrument :

MSVOA_N

ClientSampleId :

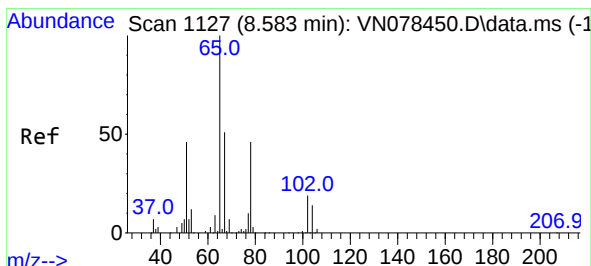
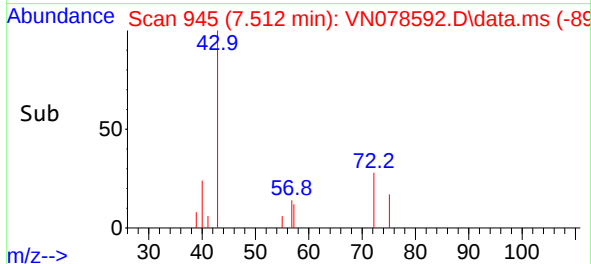
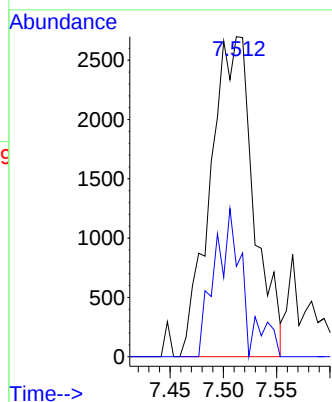
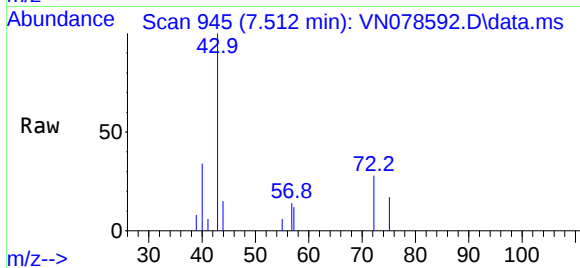
NORTH-TURNPIKE

Tgt Ion: 43 Resp: 7669

Ion Ratio Lower Upper

43 100

72 28.2 30.2 45.2#



#33

1,2-Dichloroethane-d4

Concen: 50.832 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.005 min

Lab File: VN078592.D

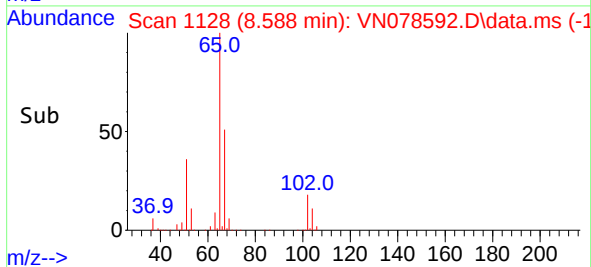
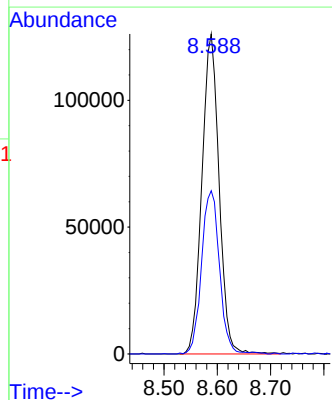
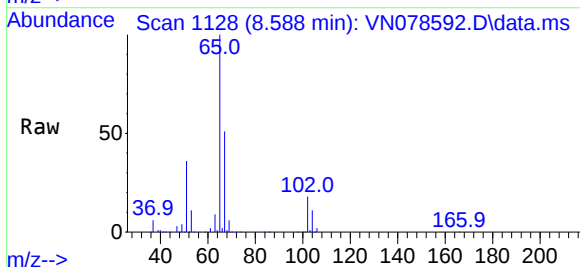
Acq: 20 Jul 2023 14:09

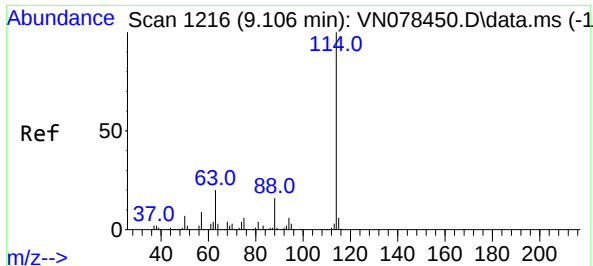
Tgt Ion: 65 Resp: 281867

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078592.D

Acq: 20 Jul 2023 14:09

Instrument :

MSVOA_N

ClientSampleId :

NORTH-TURNPIKE

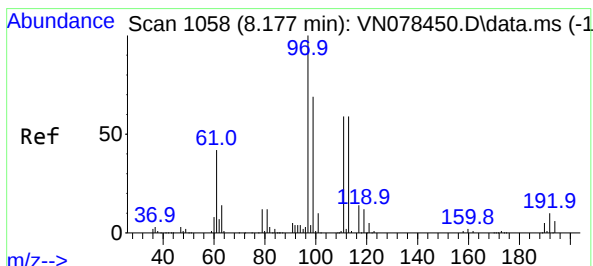
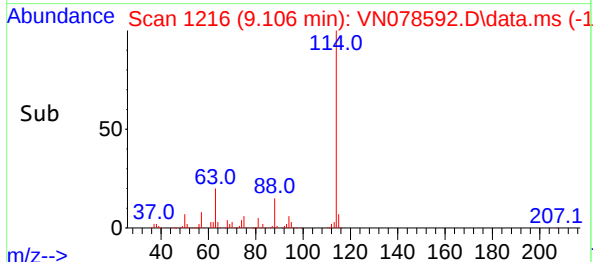
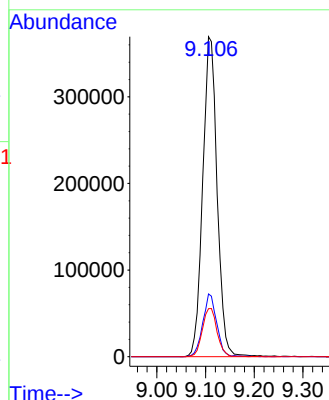
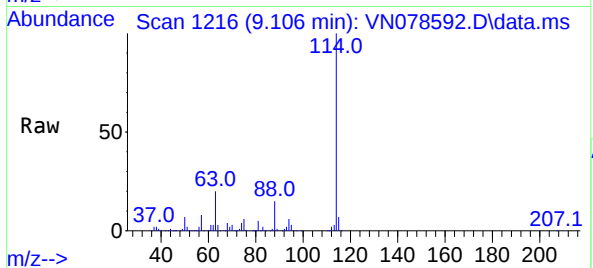
Tgt Ion:114 Resp: 756645

Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.869 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078592.D

Acq: 20 Jul 2023 14:09

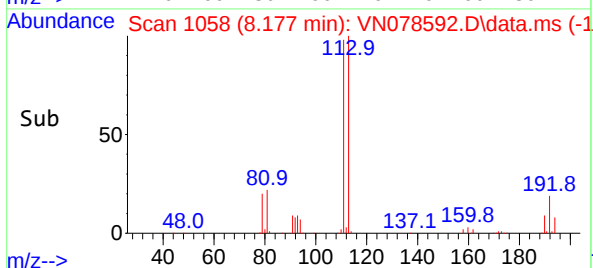
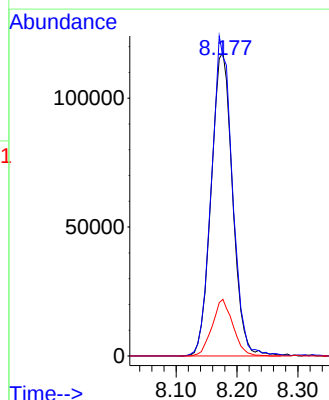
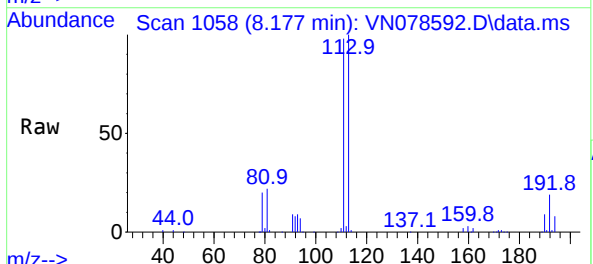
Tgt Ion:113 Resp: 286962

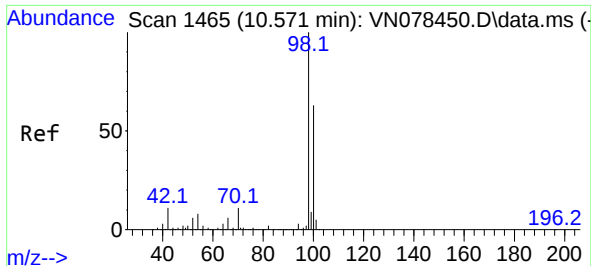
Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

192 18.1 12.7 19.1

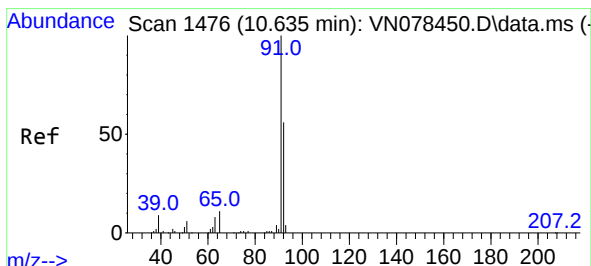
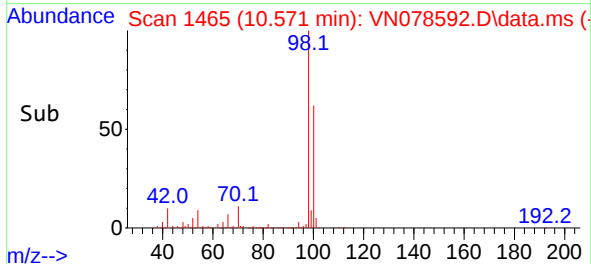
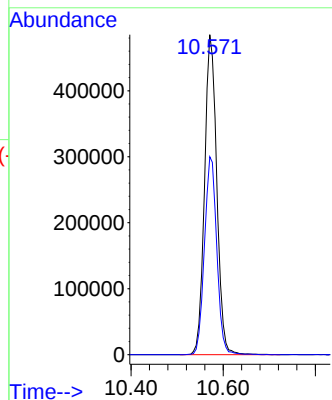
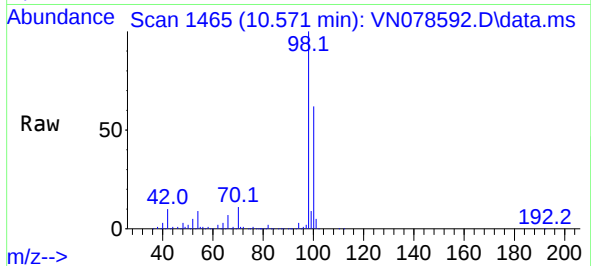




#50
Toluene-d8
Concen: 46.263 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078592.D
Acq: 20 Jul 2023 14:09

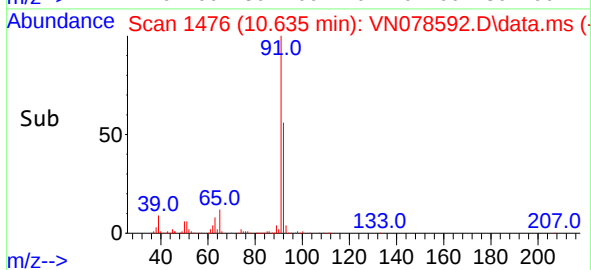
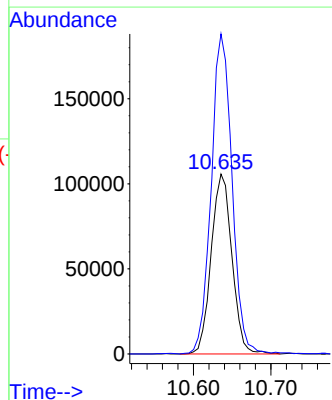
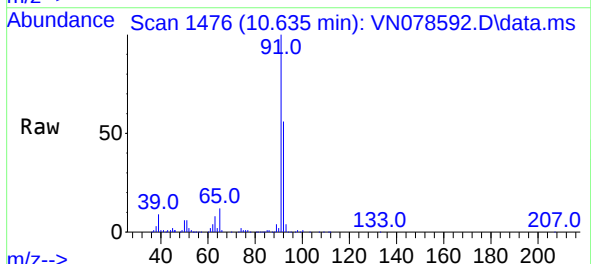
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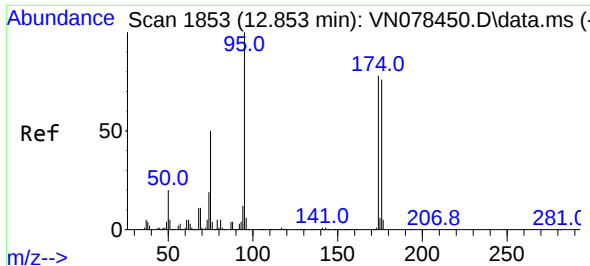
Tgt Ion: 98 Resp: 897668
Ion Ratio Lower Upper
98 100
100 62.6 52.0 78.0



#52
Toluene
Concen: 14.441 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078592.D
Acq: 20 Jul 2023 14:09

Tgt Ion: 92 Resp: 196647
Ion Ratio Lower Upper
92 100
91 179.3 137.4 206.0

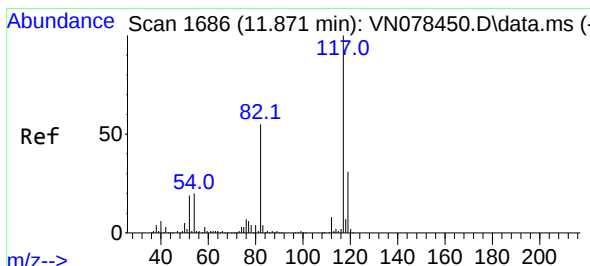
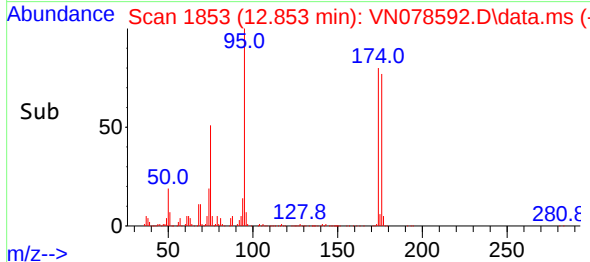
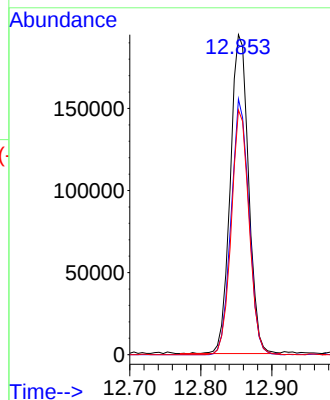
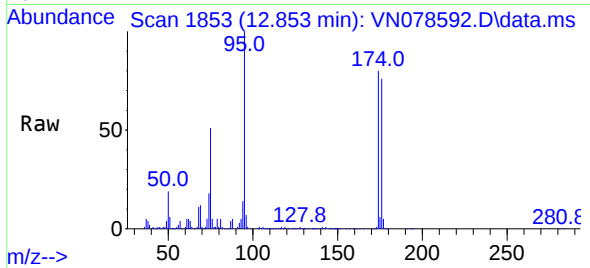




#62
4-Bromofluorobenzene
Concen: 58.104 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078592.D
Acq: 20 Jul 2023 14:09

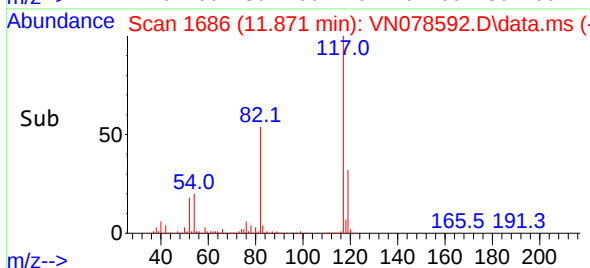
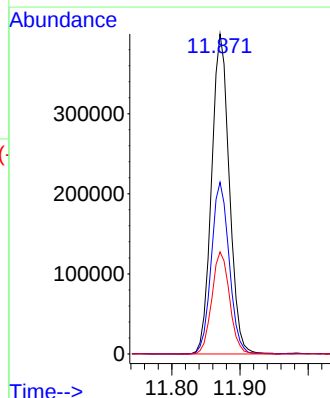
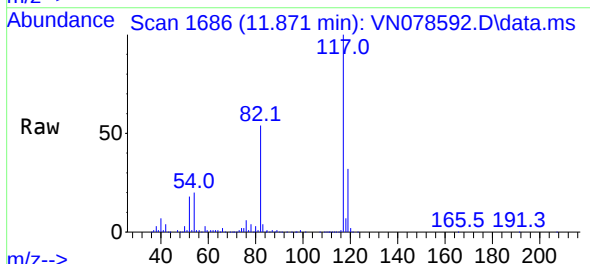
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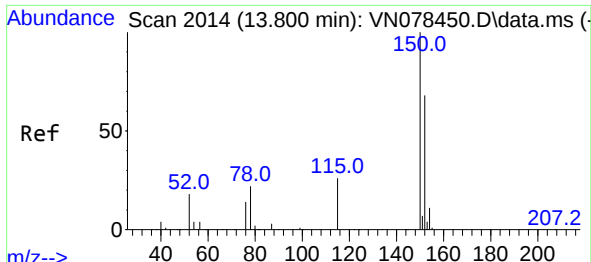
Tgt Ion: 95 Resp: 347272
Ion Ratio Lower Upper
95 100
174 77.8 0.0 143.8
176 74.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078592.D
Acq: 20 Jul 2023 14:09

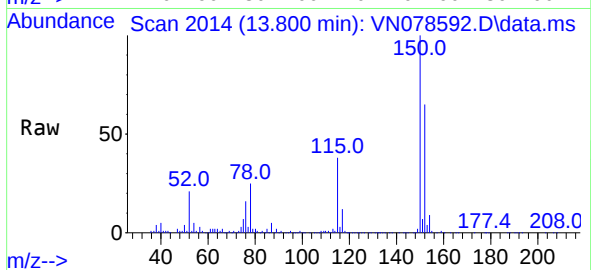
Tgt Ion: 117 Resp: 722114
Ion Ratio Lower Upper
117 100
82 53.7 44.0 66.0
119 31.9 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN078592.D
 Acq: 20 Jul 2023 14:09

Instrument :
 MSVOA_N
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 NORTH-TURNPIKE



Tgt Ion:152 Resp: 294735
 Ion Ratio Lower Upper
 152 100
 115 59.7 32.3 96.8
 150 156.7 0.0 355.8

