

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062823\
 Data File : VN078446.D
 Acq On : 28 Jun 2023 17:07
 Operator : JC\MD
 Sample : 03310-05RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-943-945RE

Quant Time: Jun 29 05:23:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

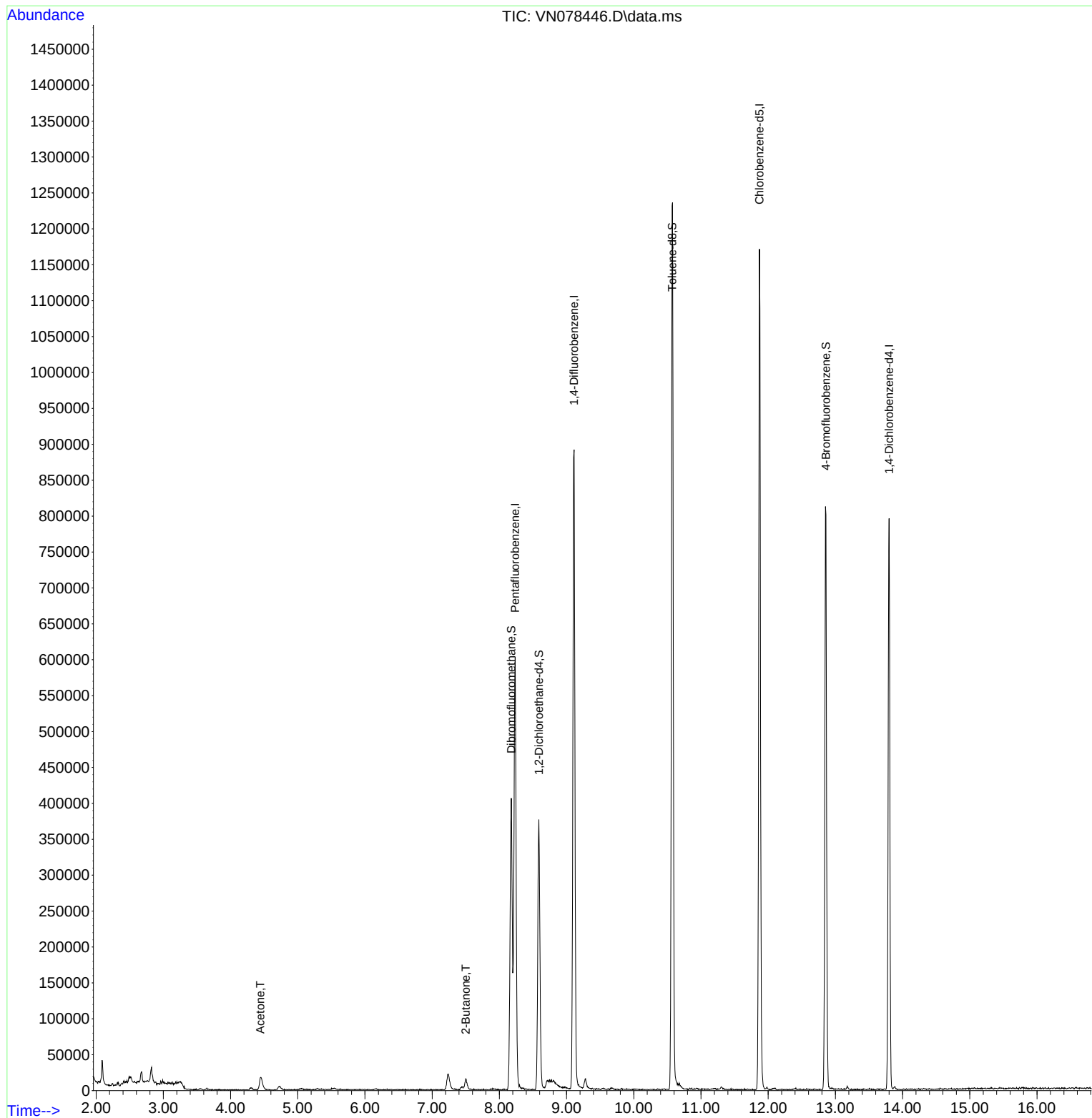
Internal Standards						
1) Pentafluorobenzene	8.235	168	437442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	806072	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	710139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	221476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	303157	51.978	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.960%	
35) Dibromofluoromethane	8.177	113	287712	56.451	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.900%	
50) Toluene-d8	10.571	98	912612	46.448	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 92.900%	
62) 4-Bromofluorobenzene	12.859	95	293048	47.977	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.960%	
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	35918	21.395	ug/l #	86
25) 2-Butanone	7.500	43	23602	9.142	ug/l #	83

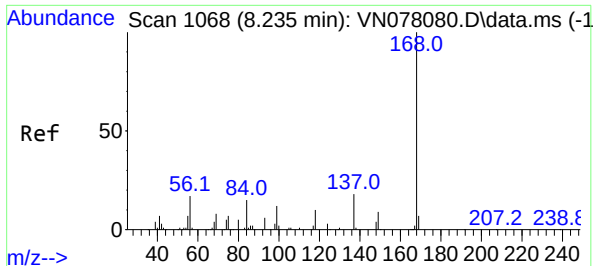
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078446.D

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MSVOA_N

ClientSampleId :

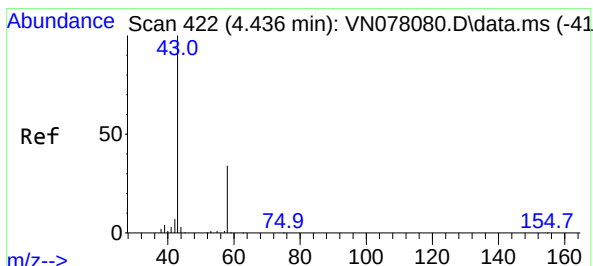
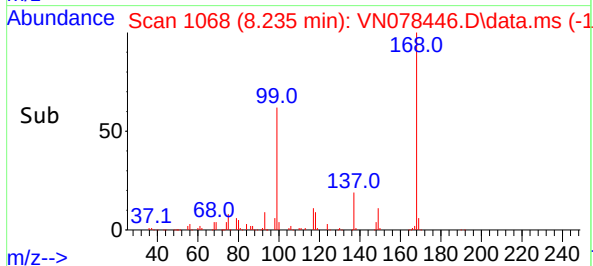
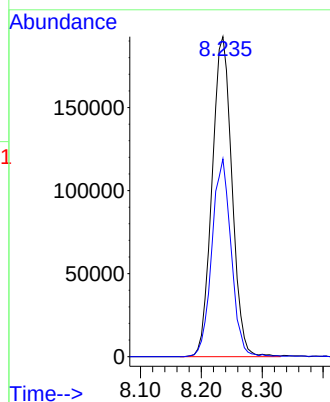
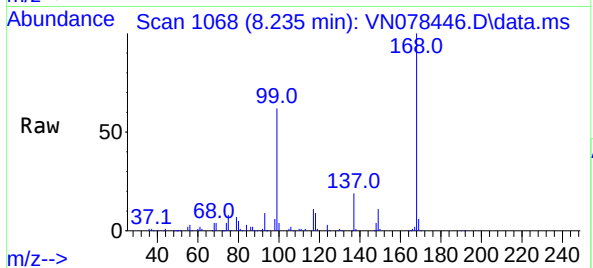
BP-VPB-RW11-GW-943-945RE

Tgt Ion:168 Resp: 437442

Ion Ratio Lower Upper

168 100

99 61.8 53.0 79.6



#16

Acetone

Concen: 21.395 ug/l

RT: 4.442 min Scan# 423

Delta R.T. 0.006 min

Lab File: VN078446.D

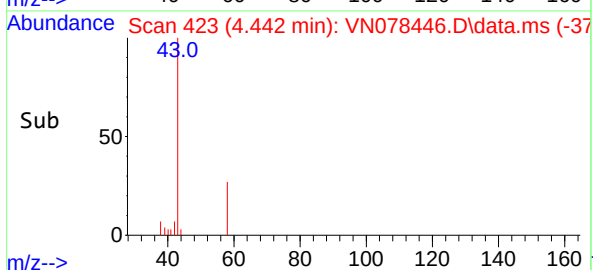
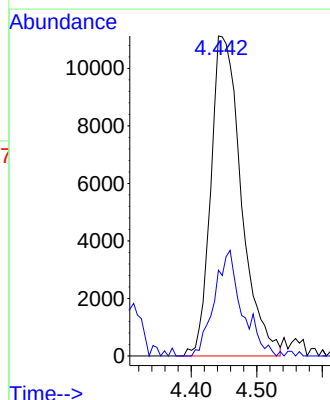
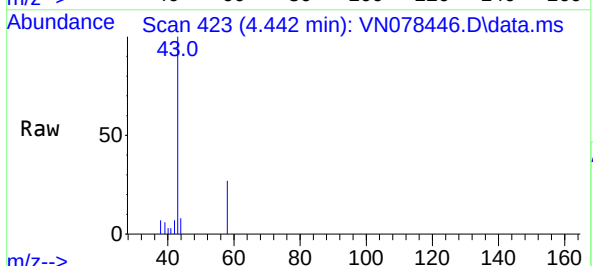
Acq: 28 Jun 2023 17:07

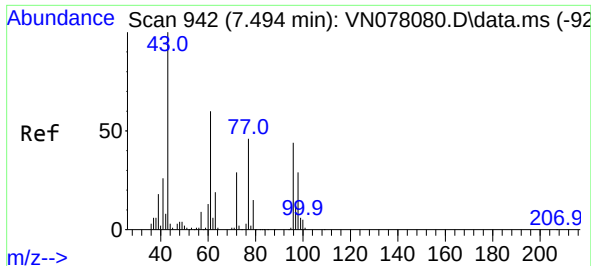
Tgt Ion: 43 Resp: 35918

Ion Ratio Lower Upper

43 100

58 26.8 28.0 42.0#

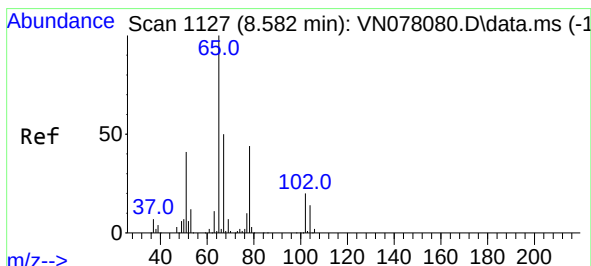
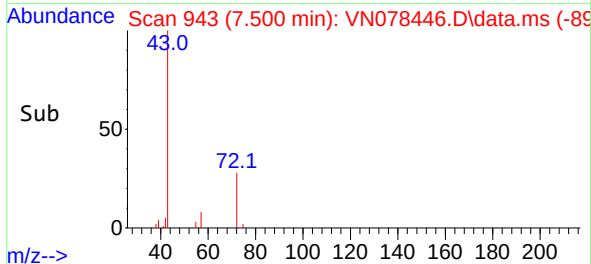
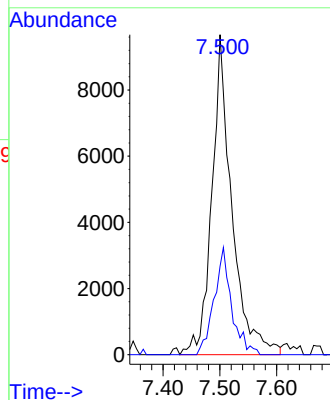
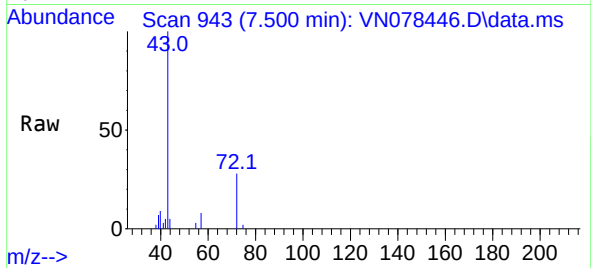




#25
2-Butanone
Concen: 9.142 ug/l
RT: 7.500 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN078446.D
Acq: 28 Jun 2023 17:07

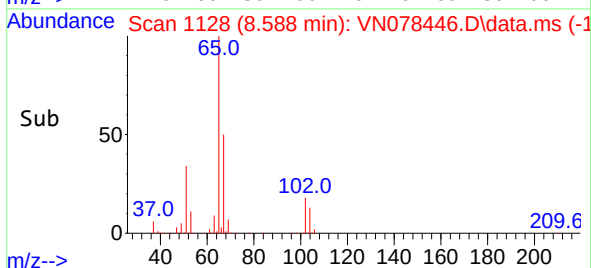
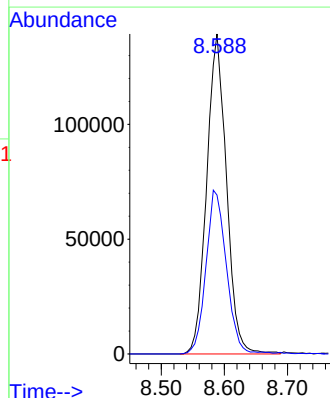
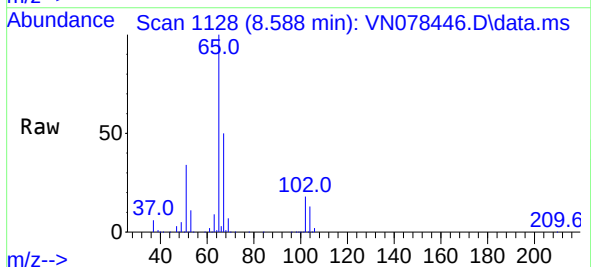
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-943-945RE

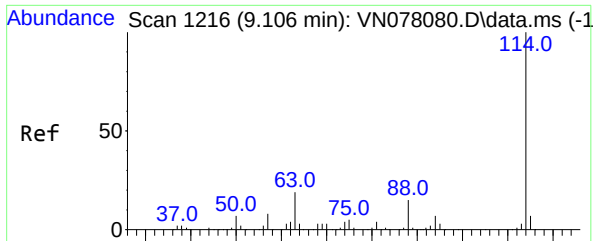
Tgt Ion: 43 Resp: 23602
Ion Ratio Lower Upper
43 100
72 27.6 30.2 45.2#



#33
1,2-Dichloroethane-d4
Concen: 51.978 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078446.D
Acq: 28 Jun 2023 17:07

Tgt Ion: 65 Resp: 303157
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078446.D

Acq: 28 Jun 2023 17:07

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-943-945RE

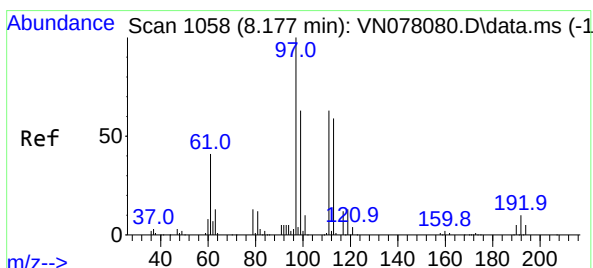
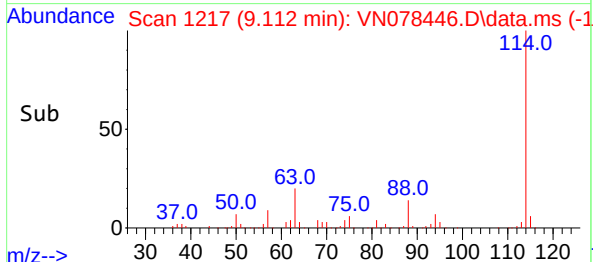
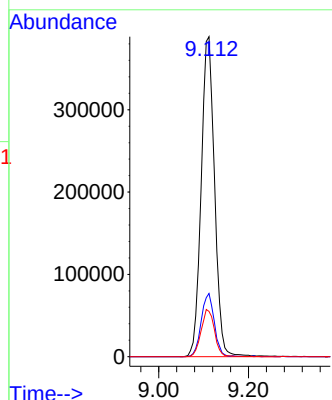
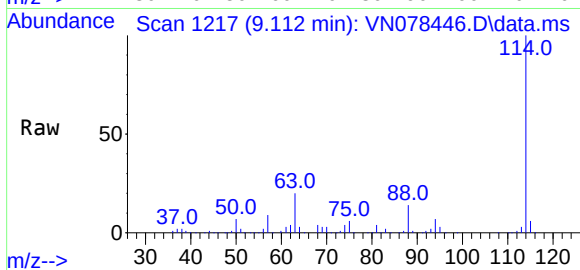
Tgt Ion:114 Resp: 806072

Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

88 14.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.451 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078446.D

Acq: 28 Jun 2023 17:07

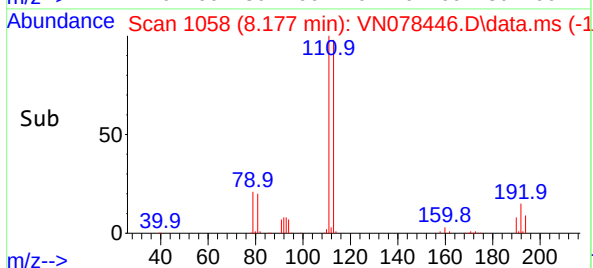
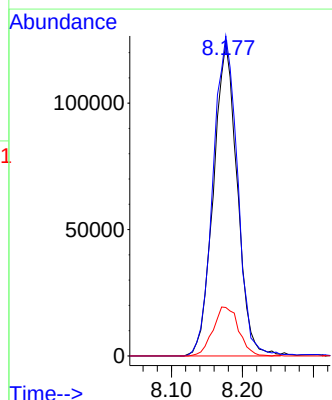
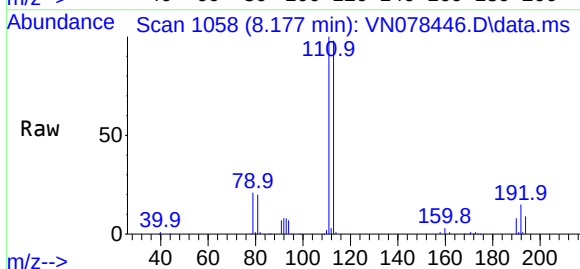
Tgt Ion:113 Resp: 287712

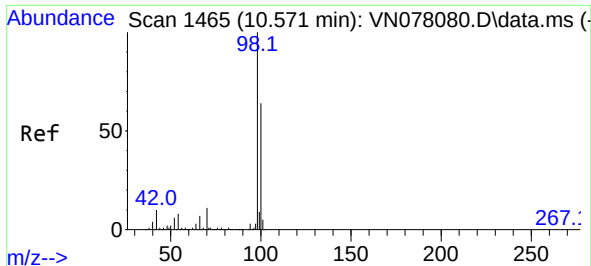
Ion Ratio Lower Upper

113 100

111 105.2 82.6 123.8

192 16.8 12.7 19.1

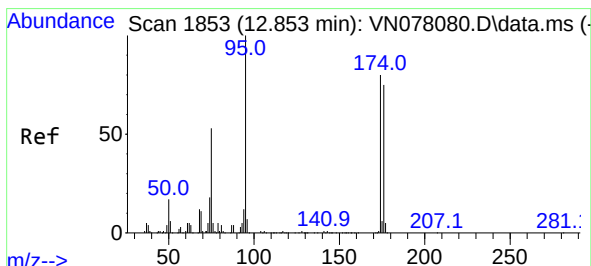
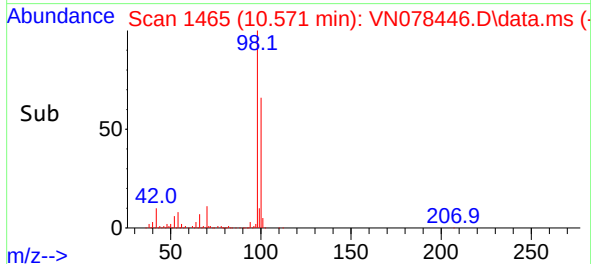
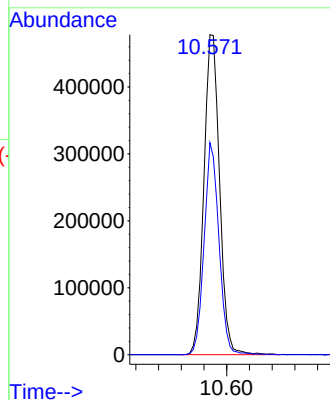
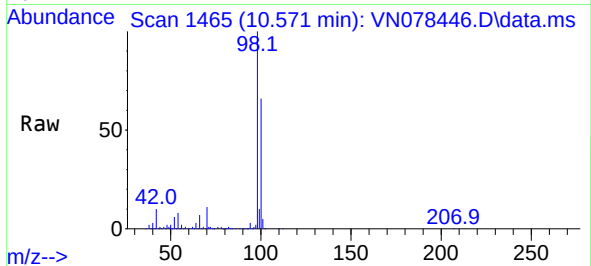




#50
Toluene-d8
Concen: 46.448 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078446.D
Acq: 28 Jun 2023 17:07

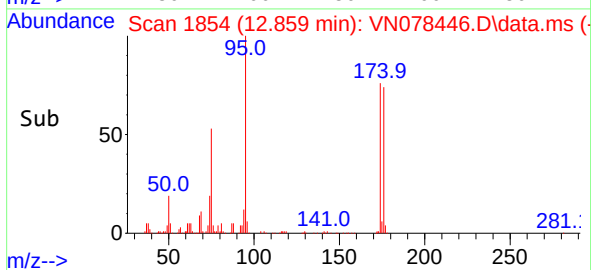
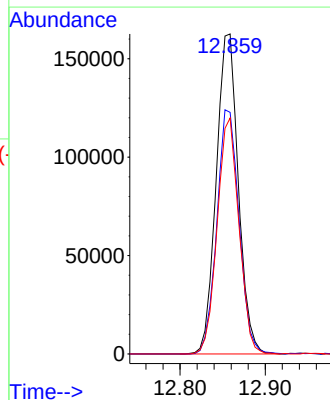
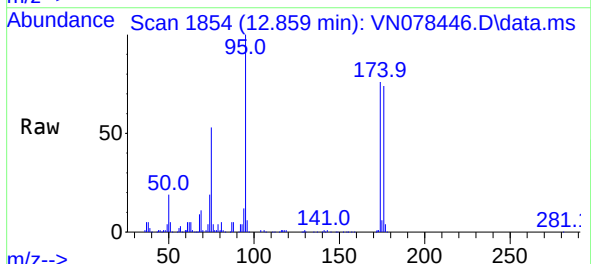
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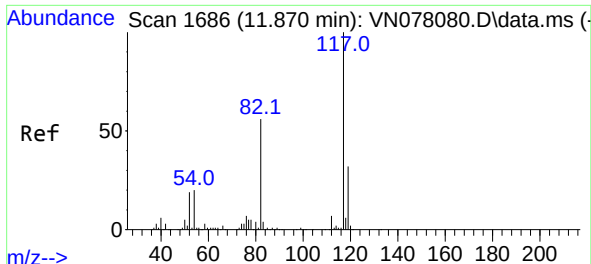
Tgt Ion: 98 Resp: 912612
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.977 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078446.D
Acq: 28 Jun 2023 17:07

Tgt Ion: 95 Resp: 293048
Ion Ratio Lower Upper
95 100
174 76.7 0.0 143.8
176 72.3 0.0 135.8

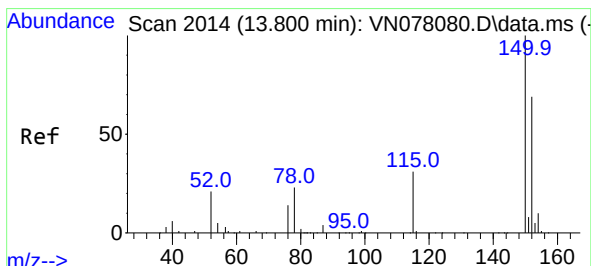
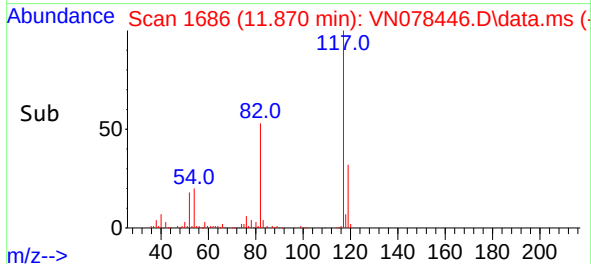
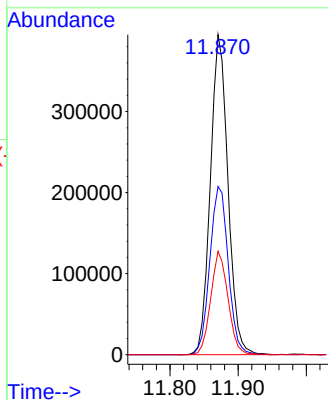
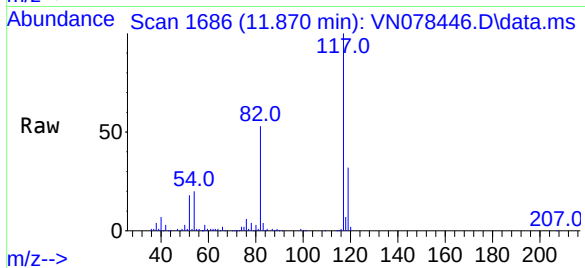




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078446.D
Acq: 28 Jun 2023 17:07

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-943-945RE

Tgt Ion:117 Resp: 710139
Ion Ratio Lower Upper
117 100
82 52.5 44.0 66.0
119 32.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078446.D
Acq: 28 Jun 2023 17:07

Tgt Ion:152 Resp: 221476
Ion Ratio Lower Upper
152 100
115 61.6 32.3 96.8
150 157.0 0.0 355.8

