

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071923\
 Data File : VN078579.D
 Acq On : 19 Jul 2023 14:36
 Operator : JC\MD
 Sample : 03664-06 200X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1022

Quant Time: Jul 20 01:33:40 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)

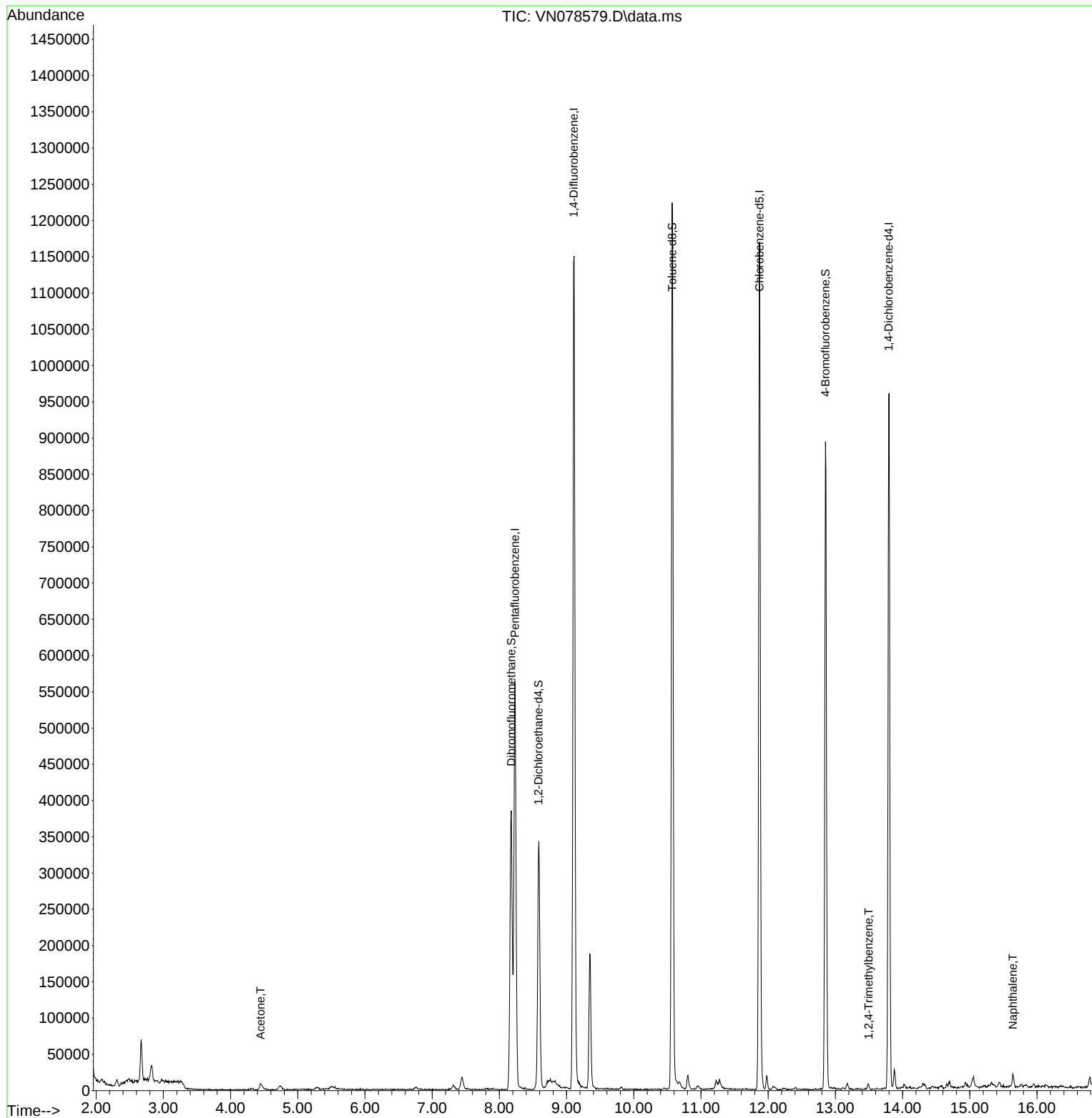
Internal Standards						
1) Pentafluorobenzene	8.230	168	406704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	753129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	701815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	276687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	274903	50.420	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.840%		
35) Dibromofluoromethane	8.177	113	278208	54.417	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 108.840%		
50) Toluene-d8	10.571	98	871714	45.135	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 90.280%		
62) 4-Bromofluorobenzene	12.853	95	319680	53.737	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 107.480%		
Target Compounds						Qvalue
16) Acetone	4.447	43	15066	8.871	ug/l	97
84) 1,2,4-Trimethylbenzene	13.494	105	5441	0.273	ug/l	94
95) Naphthalene	15.641	128	14332	1.322	ug/l	96

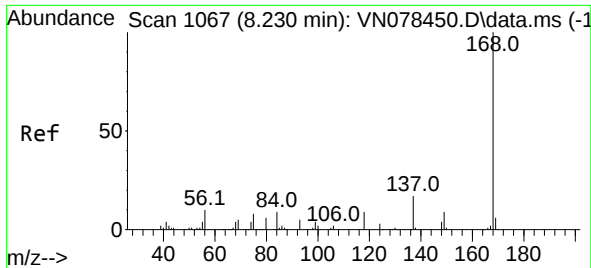
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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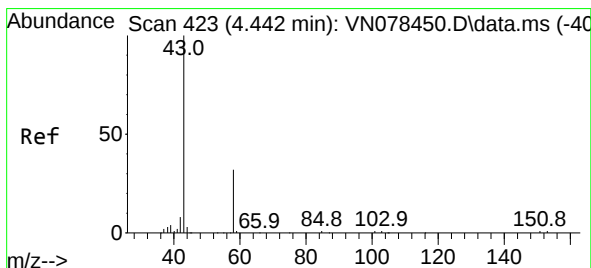
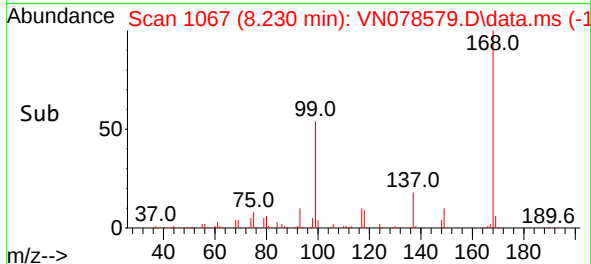
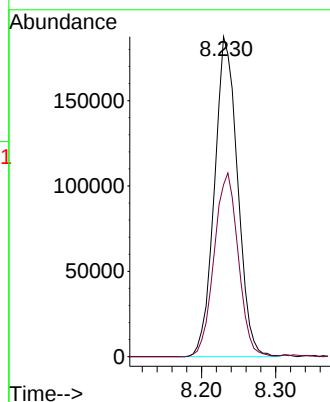
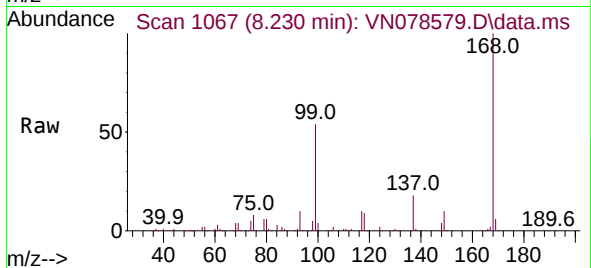




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078579.D
Acq: 19 Jul 2023 14:36

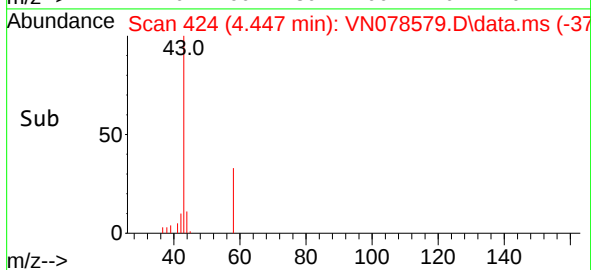
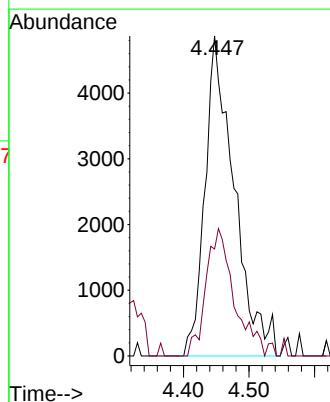
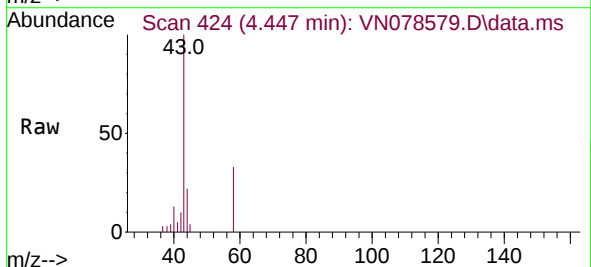
Instrument :
MSVOA_N
ClientSampleId :
AUD-1022

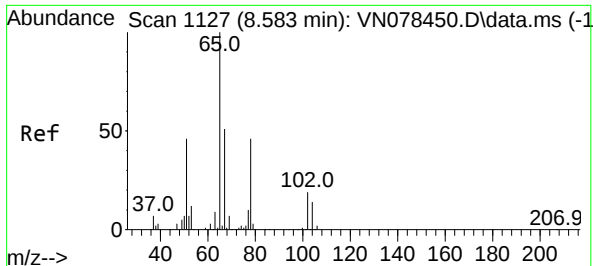
Tgt Ion:168 Resp: 406704
Ion Ratio Lower Upper
168 100
99 53.8 53.0 79.6



#16
Acetone
Concen: 8.871 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN078579.D
Acq: 19 Jul 2023 14:36

Tgt Ion: 43 Resp: 15066
Ion Ratio Lower Upper
43 100
58 33.4 28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 50.420 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN078579.D

Acq: 19 Jul 2023 14:36

Instrument :

MSVOA_N

ClientSampleId :

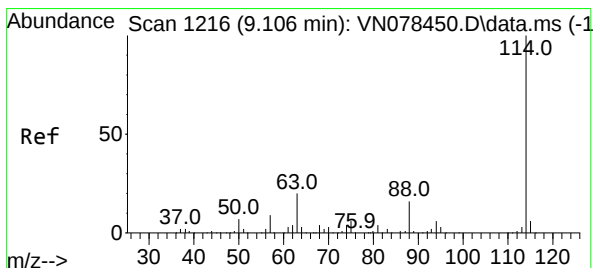
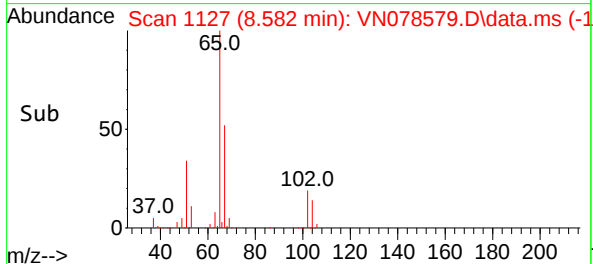
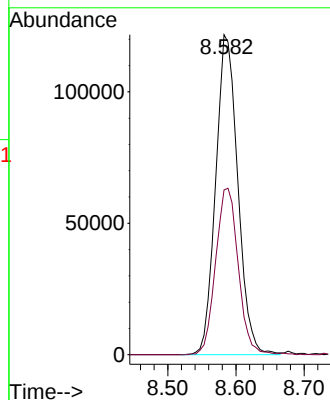
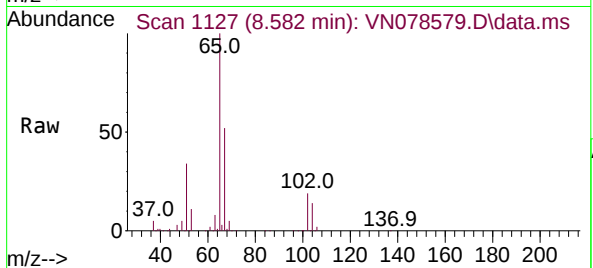
AUD-1022

Tgt Ion: 65 Resp: 274903

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# 1216

Delta R.T. -0.000 min

Lab File: VN078579.D

Acq: 19 Jul 2023 14:36

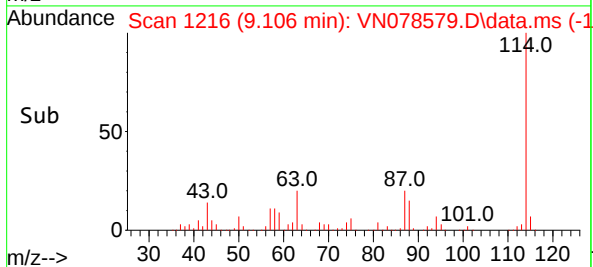
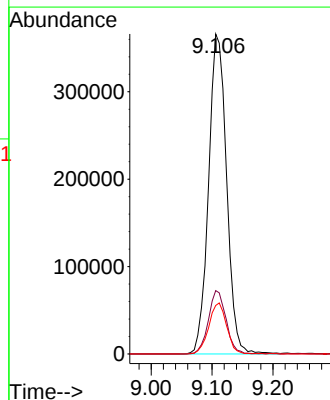
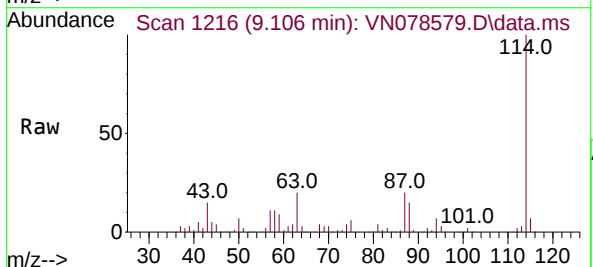
Tgt Ion: 114 Resp: 753129

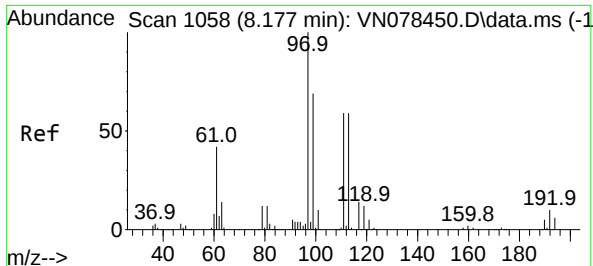
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.417 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078579.D

Acq: 19 Jul 2023 14:36

Instrument :

MSVOA_N

ClientSampleId :

AUD-1022

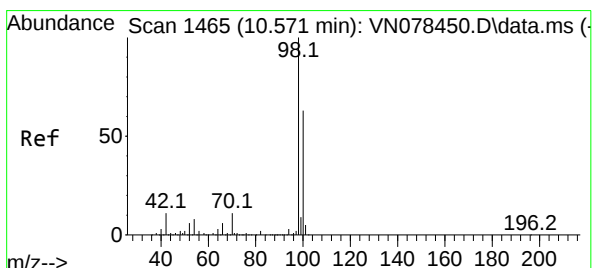
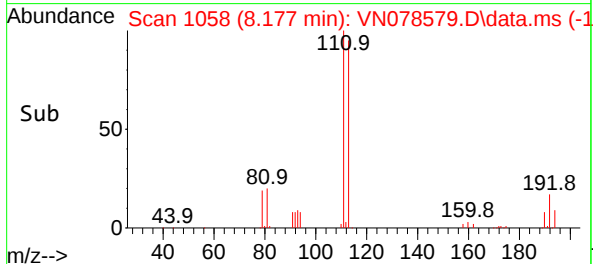
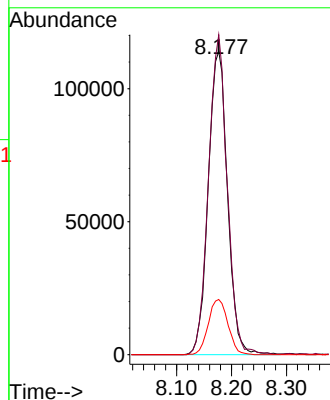
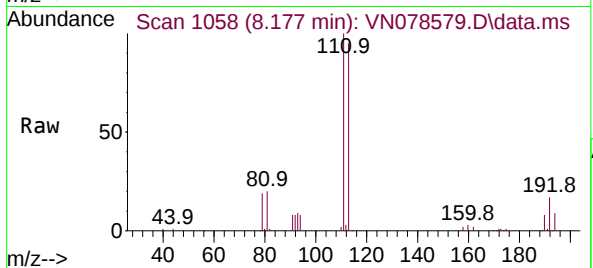
Tgt Ion:113 Resp: 278208

Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

192 18.5 12.7 19.1



#50

Toluene-d8

Concen: 45.135 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078579.D

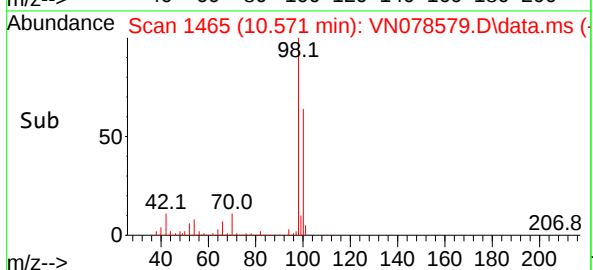
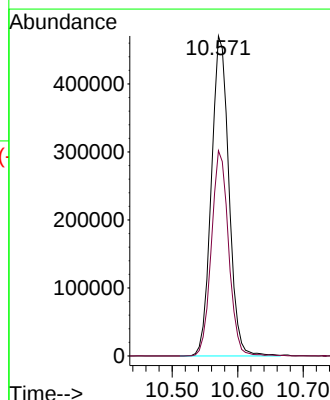
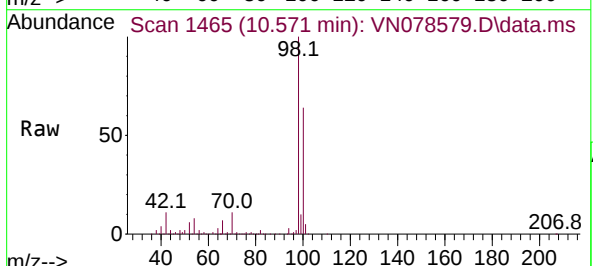
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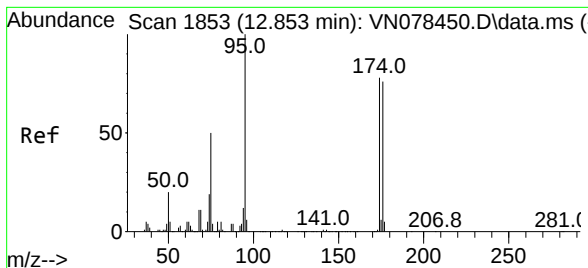
Tgt Ion: 98 Resp: 871714

Ion Ratio Lower Upper

98 100

100 63.1 52.0 78.0

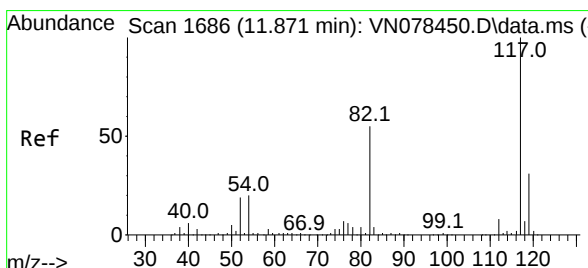
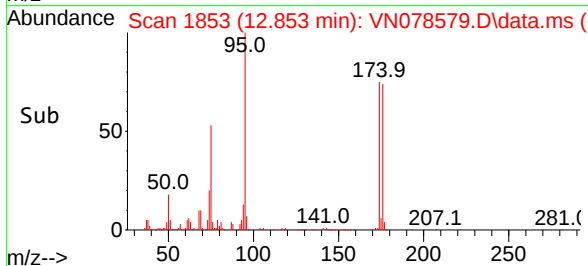
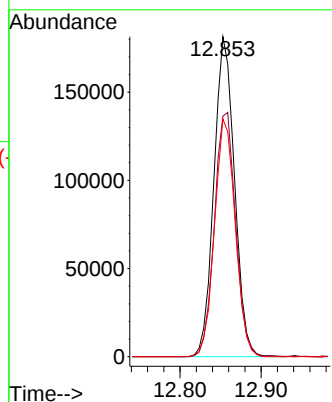
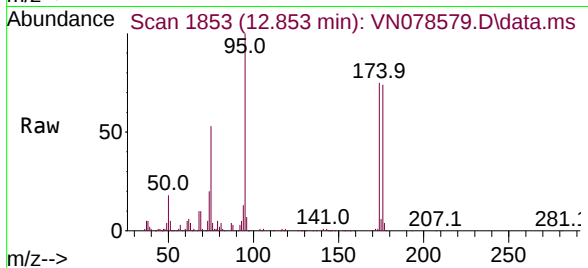




#62
4-Bromofluorobenzene
Concen: 53.737 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078579.D
Acq: 19 Jul 2023 14:36

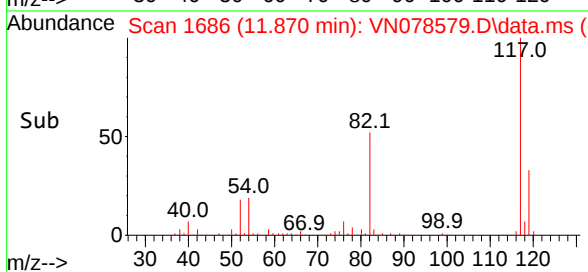
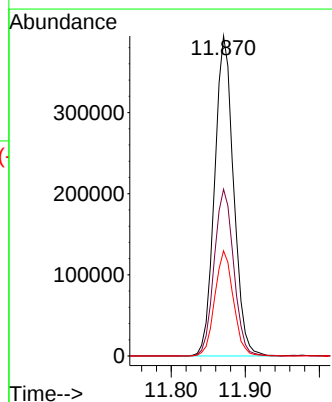
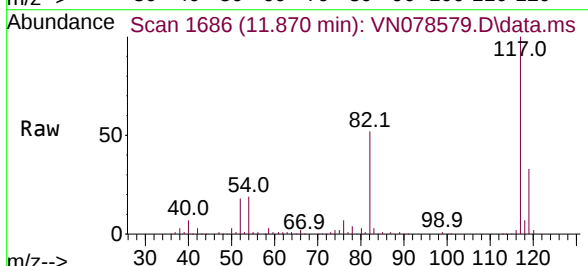
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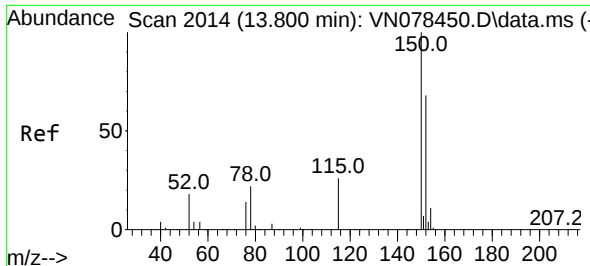
Tgt Ion: 95 Resp: 319680
Ion Ratio Lower Upper
95 100
174 78.9 0.0 143.8
176 74.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078579.D
Acq: 19 Jul 2023 14:36

Tgt Ion: 117 Resp: 701815
Ion Ratio Lower Upper
117 100
82 52.1 44.0 66.0
119 32.9 25.6 38.4

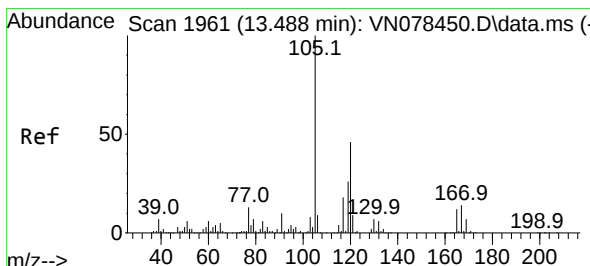
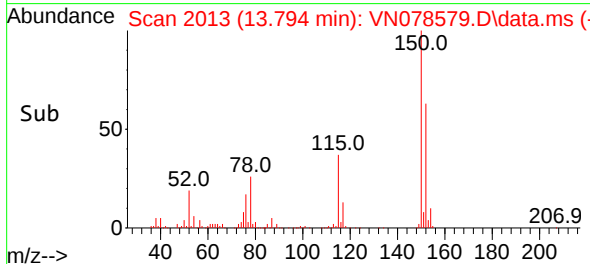
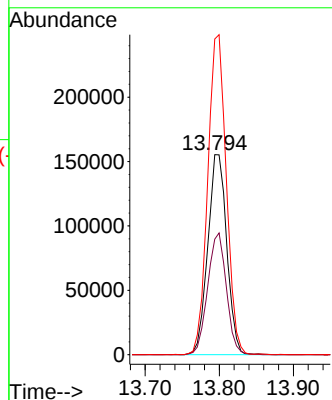
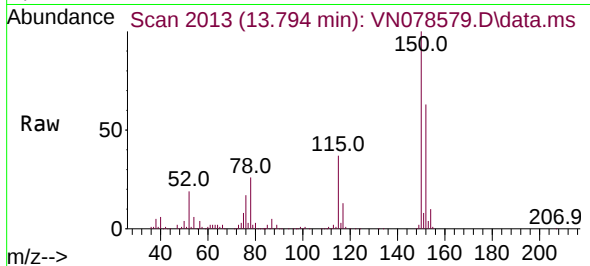




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2014
 Delta R.T. -0.006 min
 Lab File: VN078579.D
 Acq: 19 Jul 2023 14:36

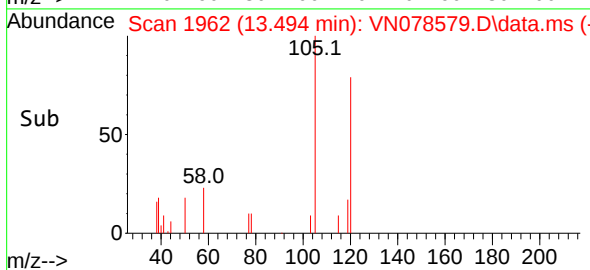
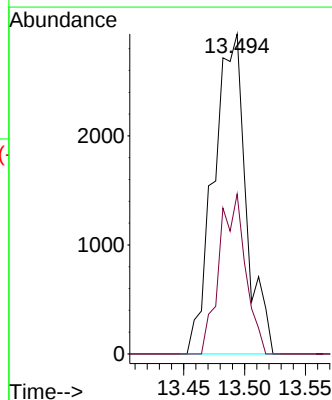
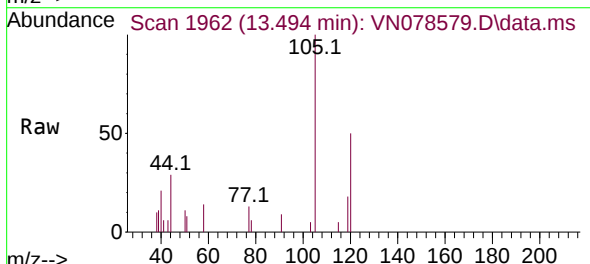
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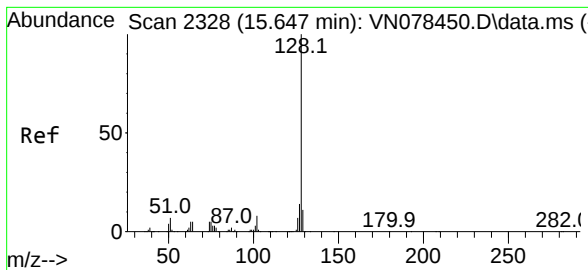
Tgt Ion:152 Resp: 276687
 Ion Ratio Lower Upper
 152 100
 115 59.9 32.3 96.8
 150 156.2 0.0 355.8



#84
 1,2,4-Trimethylbenzene
 Concen: 0.273 ug/l
 RT: 13.494 min Scan# 1962
 Delta R.T. 0.006 min
 Lab File: VN078579.D
 Acq: 19 Jul 2023 14:36

Tgt Ion:105 Resp: 5441
 Ion Ratio Lower Upper
 105 100
 120 40.4 22.0 66.0





#95
Naphthalene
Concen: 1.322 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078579.D
Acq: 19 Jul 2023 14:36

Instrument :
MSVOA_N
ClientSampleId :
AUD-1022

Tgt Ion:	128	Resp:	14332
Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.0	15.0
129	9.7	8.7	13.1

