

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061523\
 Data File : VN078231.D
 Acq On : 15 Jun 2023 16:21
 Operator : JC\MD
 Sample : 03170-03DL 20X
 Misc : 5.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1971DL

Quant Time: Jun 15 16:38:35 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)

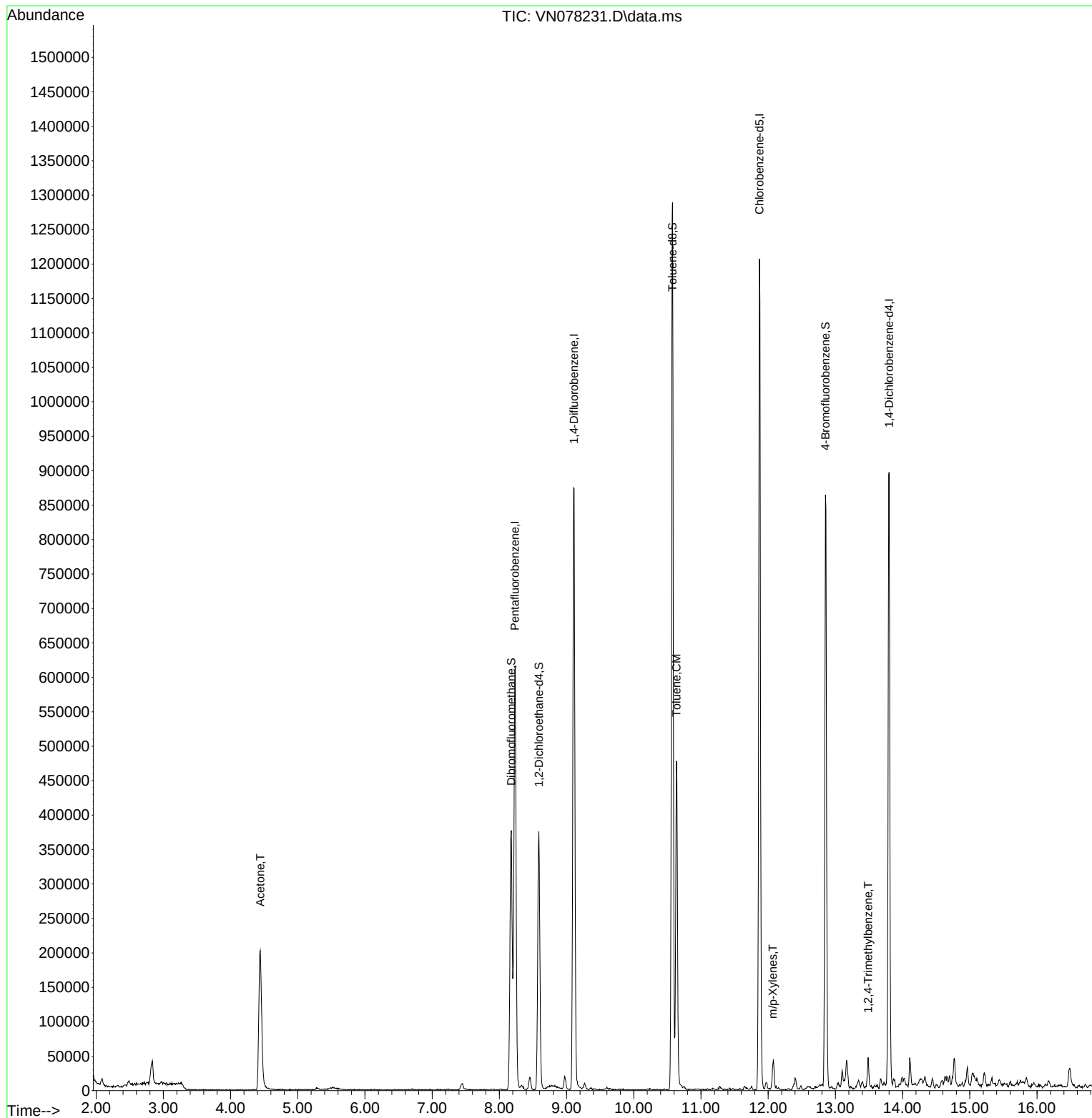
Internal Standards						
1) Pentafluorobenzene	8.230	168	430215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	788380	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	716312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	236841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	306764	53.480	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.960%	
35) Dibromofluoromethane	8.177	113	273328	54.832	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.660%	
50) Toluene-d8	10.576	98	923941	48.079	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.160%	
62) 4-Bromofluorobenzene	12.853	95	300549	50.309	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.620%	
Target Compounds						
						Qvalue
16) Acetone	4.442	43	384608	232.947	ug/l	92
52) Toluene	10.635	92	209319	15.531	ug/l	96
68) m/p-Xylenes	12.070	106	10143	1.006	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	22365	1.272	ug/l	97

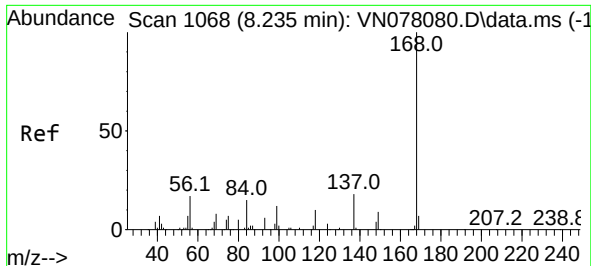
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
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QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

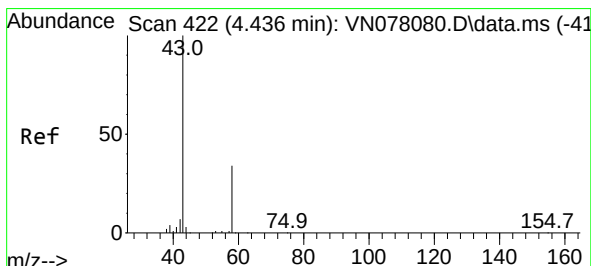
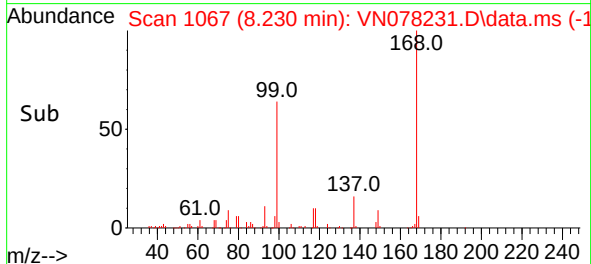
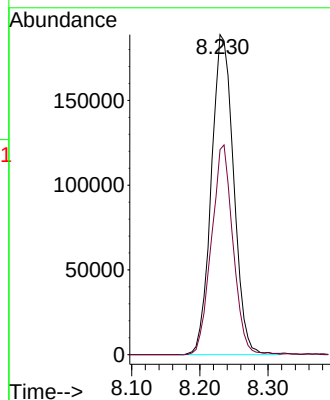
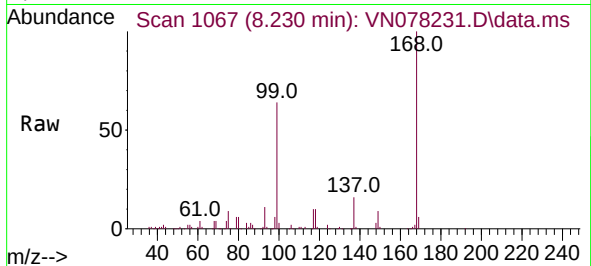




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078231.D
Acq: 15 Jun 2023 16:21

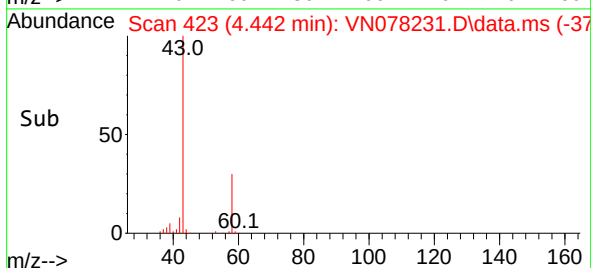
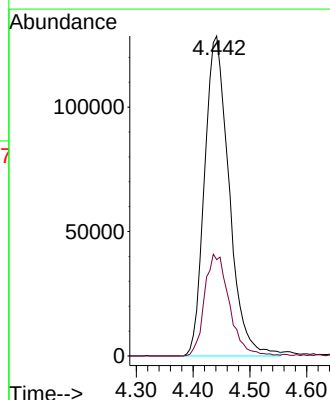
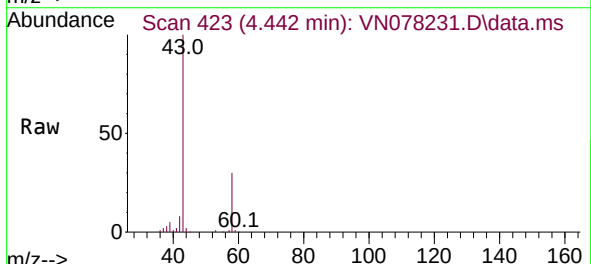
Instrument :
MSVOA_N
ClientSampleId :
AUD-1971DL

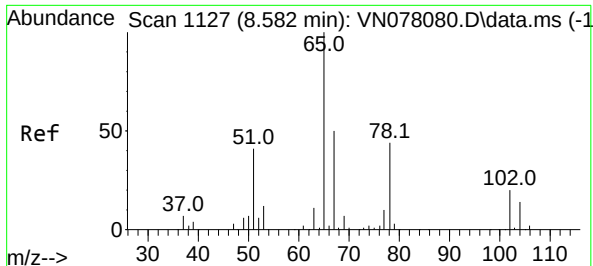
Tgt Ion:168 Resp: 430215
Ion Ratio Lower Upper
168 100
99 64.1 53.0 79.6



#16
Acetone
Concen: 232.947 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078231.D
Acq: 15 Jun 2023 16:21

Tgt Ion: 43 Resp: 384608
Ion Ratio Lower Upper
43 100
58 30.1 28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 53.480 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078231.D

Acq: 15 Jun 2023 16:21

Instrument :

MSVOA_N

ClientSampleId :

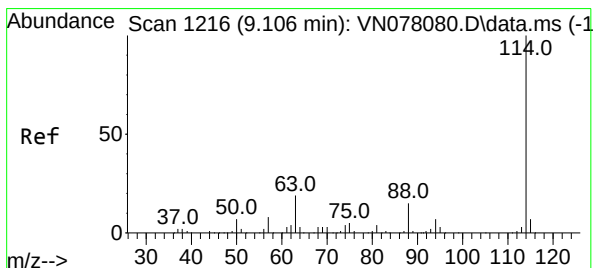
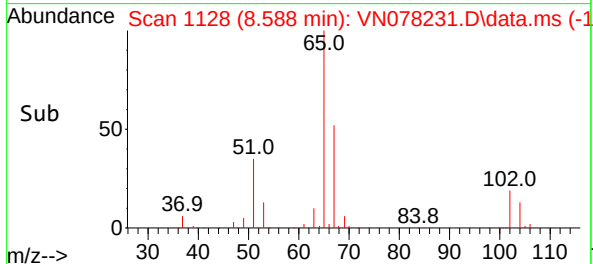
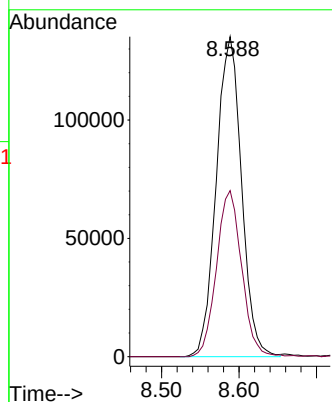
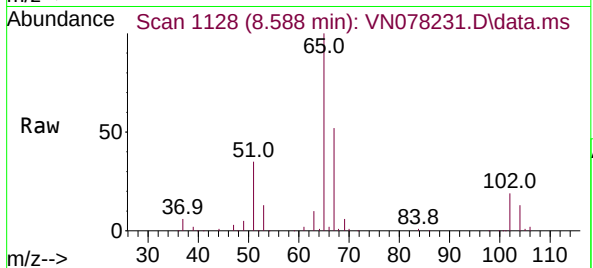
AUD-1971DL

Tgt Ion: 65 Resp: 306764

Ion Ratio Lower Upper

65 100

67 51.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078231.D

Acq: 15 Jun 2023 16:21

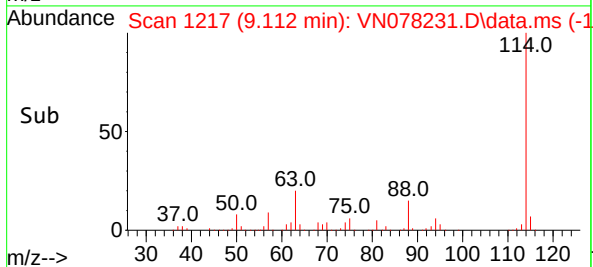
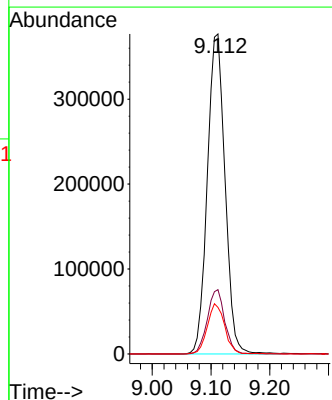
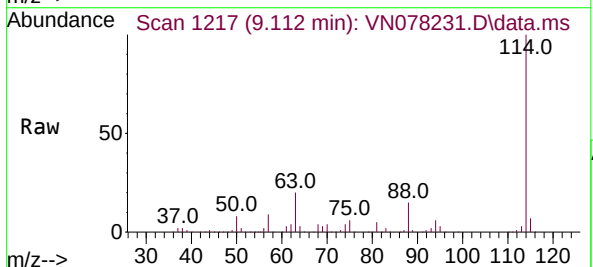
Tgt Ion: 114 Resp: 788380

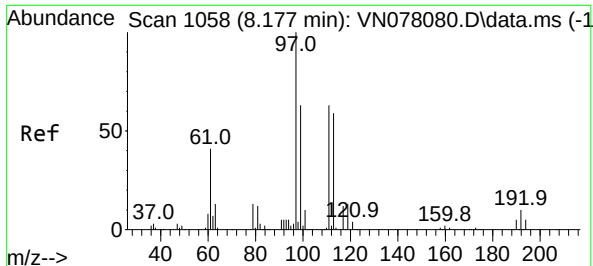
Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.4

88 14.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.832 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078231.D

Acq: 15 Jun 2023 16:21

Instrument :

MSVOA_N

ClientSampleId :

AUD-1971DL

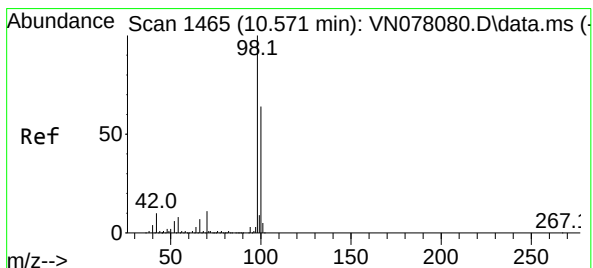
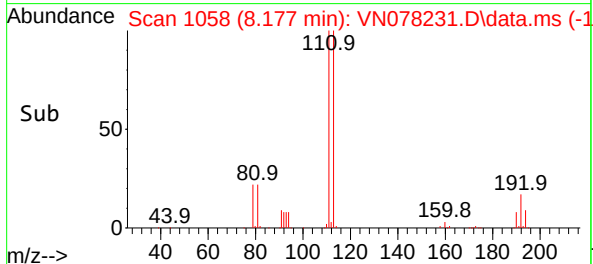
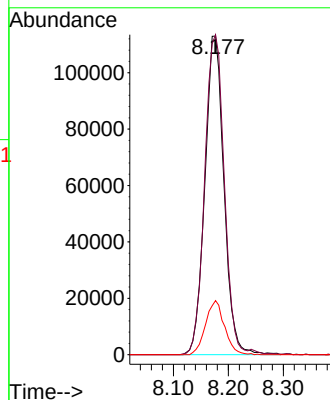
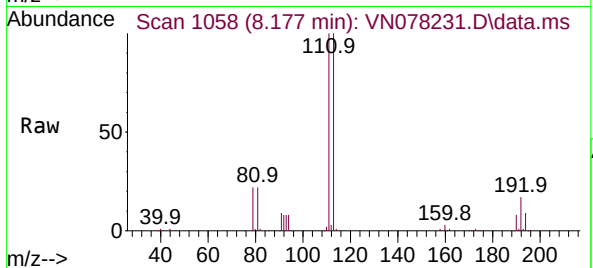
Tgt Ion:113 Resp: 273328

Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

192 16.8 12.7 19.1



#50

Toluene-d8

Concen: 48.079 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VN078231.D

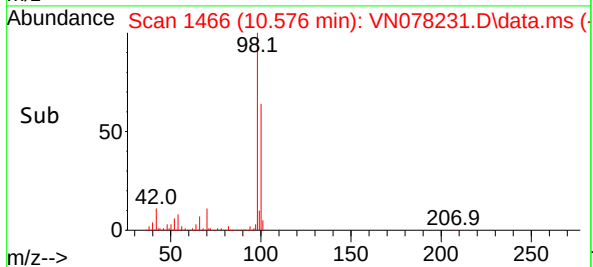
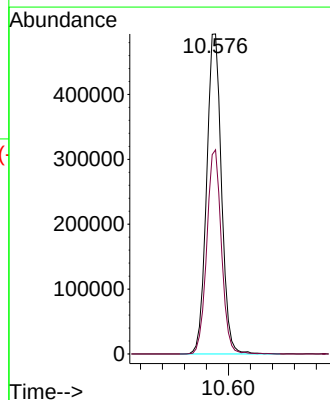
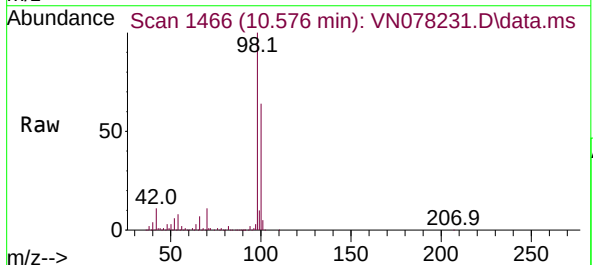
Acq: 15 Jun 2023 16:21

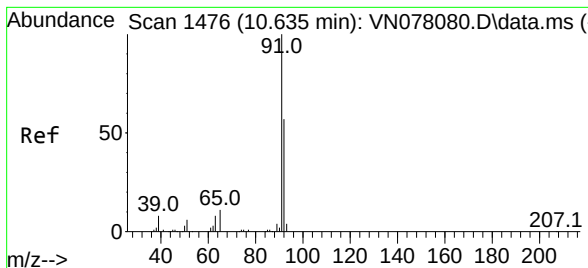
Tgt Ion: 98 Resp: 923941

Ion Ratio Lower Upper

98 100

100 62.8 52.0 78.0





#52

Toluene

Concen: 15.531 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VN078231.D

Acq: 15 Jun 2023 16:21

Instrument :

MSVOA_N

ClientSampleId :

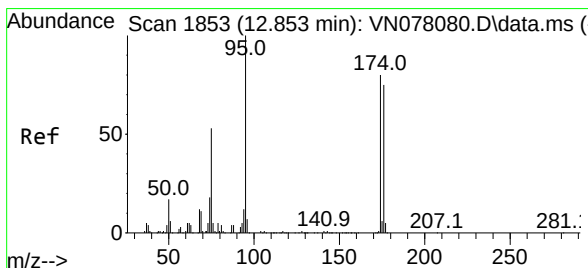
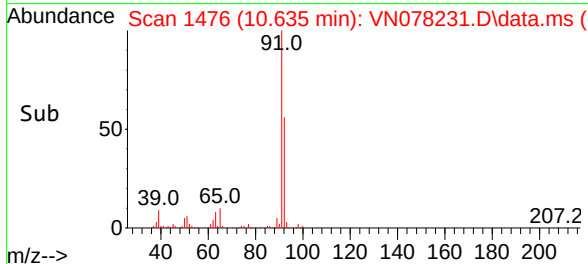
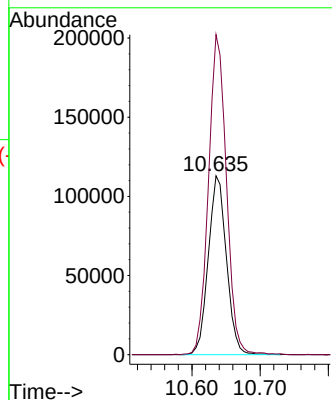
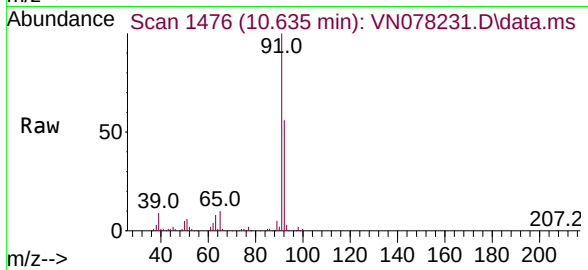
AUD-1971DL

Tgt Ion: 92 Resp: 209319

Ion Ratio Lower Upper

92 100

91 177.5 137.4 206.0



#62

4-Bromofluorobenzene

Concen: 50.309 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN078231.D

Acq: 15 Jun 2023 16:21

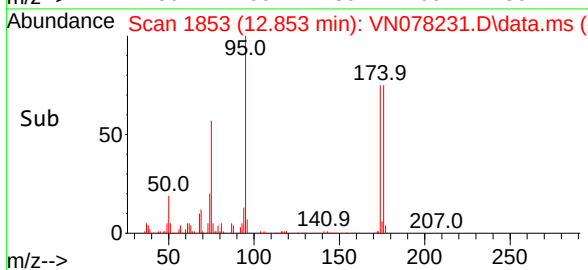
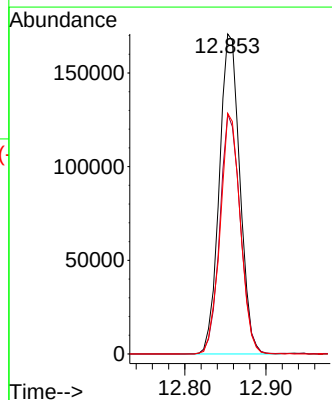
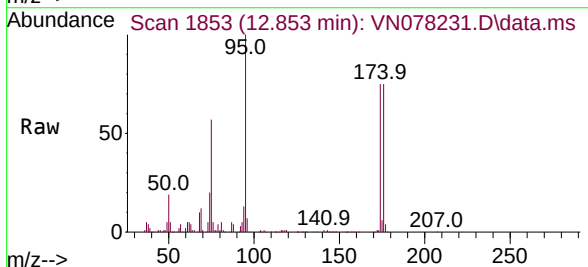
Tgt Ion: 95 Resp: 300549

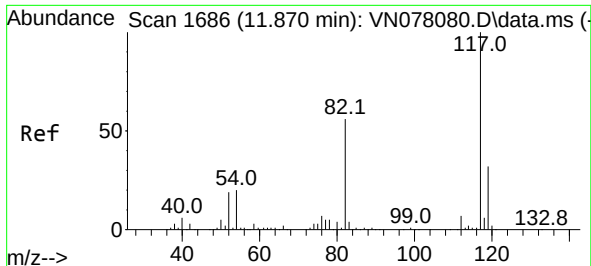
Ion Ratio Lower Upper

95 100

174 74.7 0.0 143.8

176 73.5 0.0 135.8

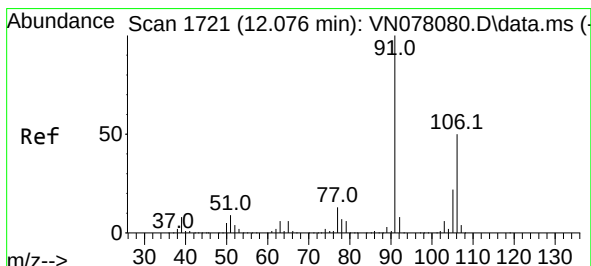
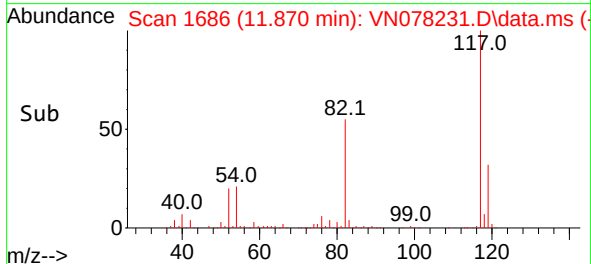
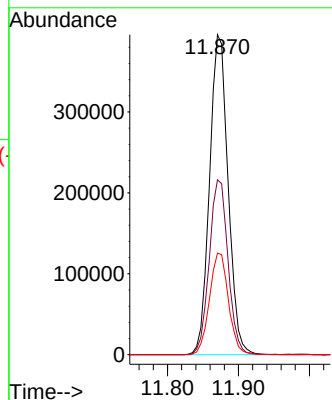
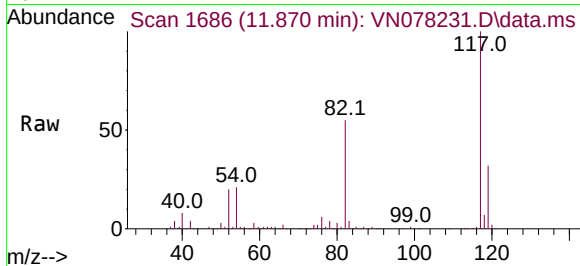




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078231.D
Acq: 15 Jun 2023 16:21

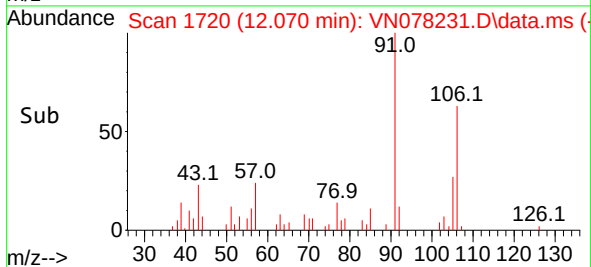
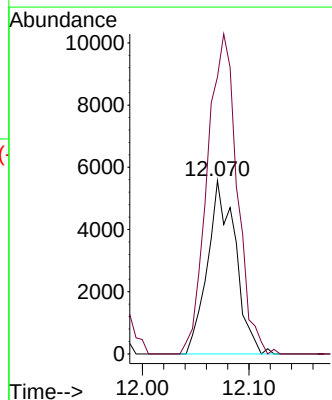
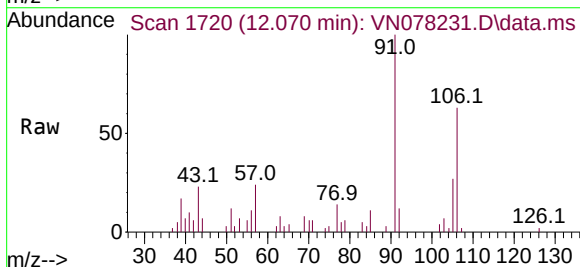
Instrument :
MSVOA_N
ClientSampleId :
AUD-1971DL

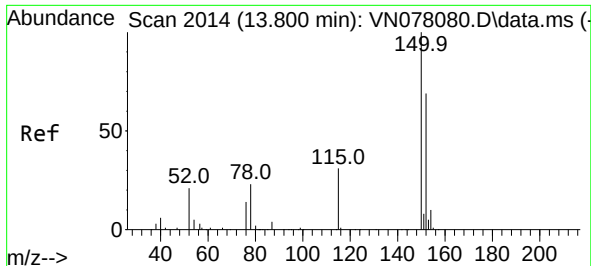
Tgt Ion:117 Resp: 716312
Ion Ratio Lower Upper
117 100
82 54.7 44.0 66.0
119 31.8 25.6 38.4



#68
m/p-Xylenes
Concen: 1.006 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN078231.D
Acq: 15 Jun 2023 16:21

Tgt Ion:106 Resp: 10143
Ion Ratio Lower Upper
106 100
91 197.8 159.6 239.4

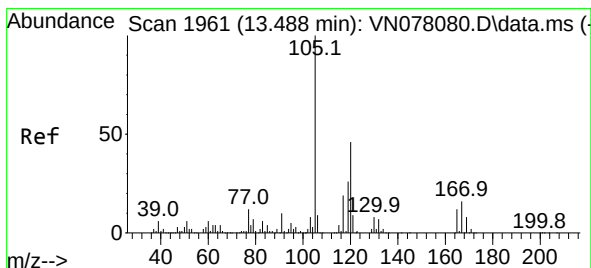
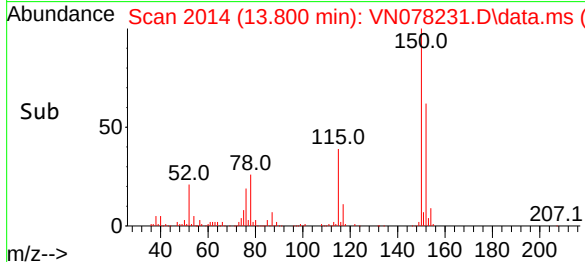
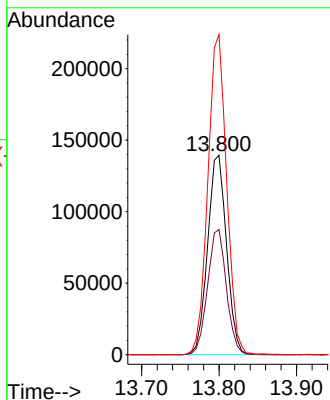
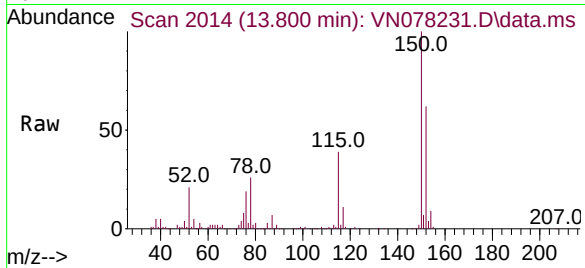




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 2014
 Delta R.T. -0.000 min
 Lab File: VN078231.D
 Acq: 15 Jun 2023 16:21

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1971DL

Tgt Ion:152 Resp: 236841
 Ion Ratio Lower Upper
 152 100
 115 62.3 32.3 96.8
 150 158.7 0.0 355.8



#84
 1,2,4-Trimethylbenzene
 Concen: 1.272 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. -0.000 min
 Lab File: VN078231.D
 Acq: 15 Jun 2023 16:21

Tgt Ion:105 Resp: 22365
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.0 66.0

