

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061323\
 Data File : VN078184.D
 Acq On : 13 Jun 2023 14:24
 Operator : JC\MD
 Sample : 03170-03 10X
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1971DL

Quant Time: Jun 14 02:19:26 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)

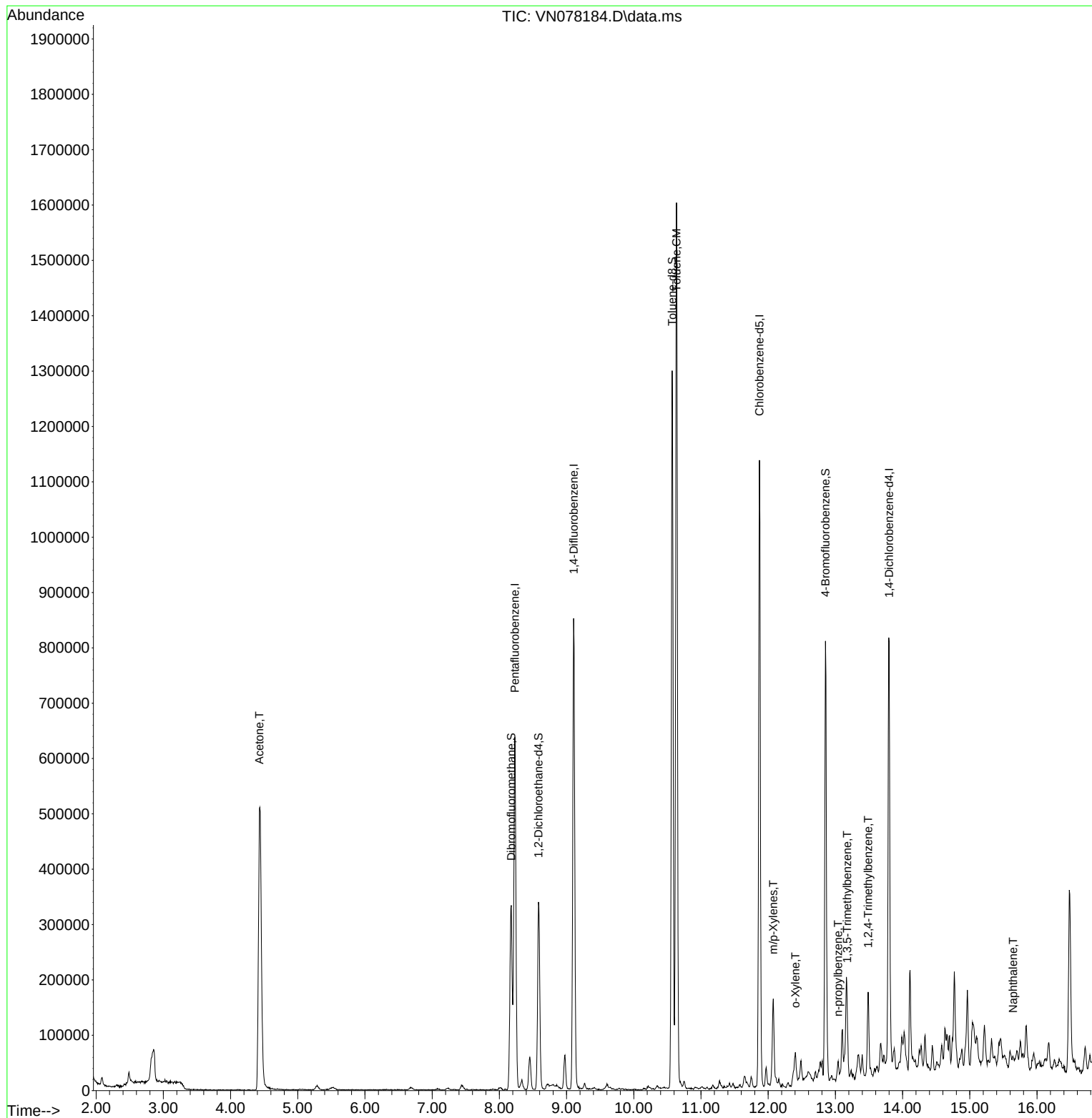
Internal Standards						
1) Pentafluorobenzene	8.230	168	419821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	762567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	669872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	214678	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	279808	49.988	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.980%
35) Dibromofluoromethane	8.177	113	243318	50.464	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.920%
50) Toluene-d8	10.571	98	922910	49.651	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.300%
62) 4-Bromofluorobenzene	12.853	95	278428	48.184	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.360%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	979647	608.036	ug/l	96
52) Toluene	10.635	92	709139	54.398	ug/l	96
68) m/p-Xylenes	12.076	106	32800	3.477	ug/l	95
69) o-Xylene	12.406	106	14458	1.561	ug/l	86
78) n-propylbenzene	13.041	91	26437	1.199	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	26709	1.625	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	89566	5.621	ug/l	97
95) Naphthalene	15.647	128	11255	1.205	ug/l #	83

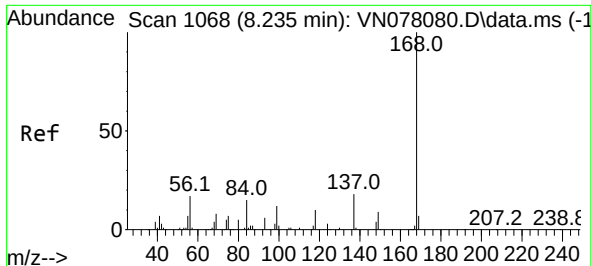
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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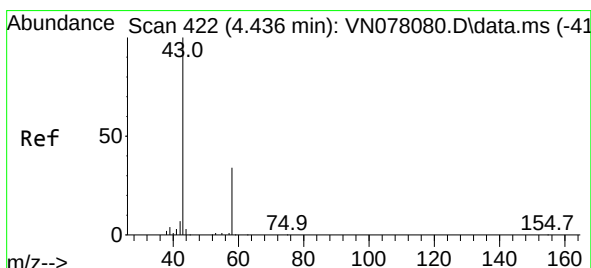
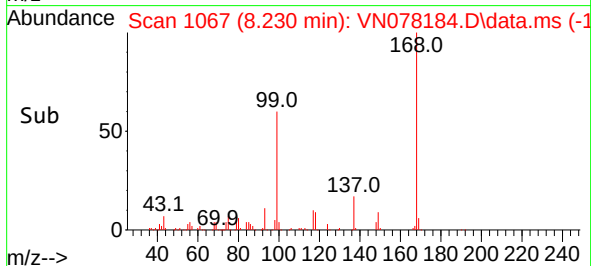
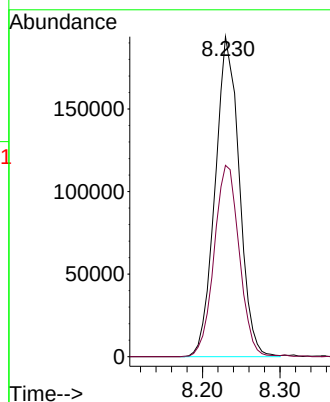
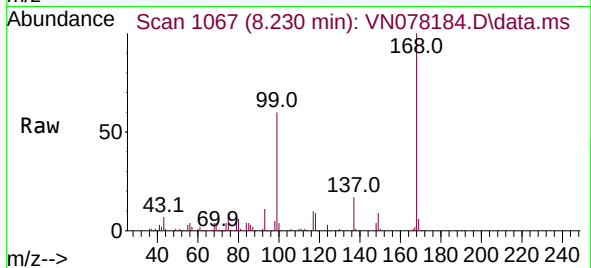




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078184.D
Acq: 13 Jun 2023 14:24

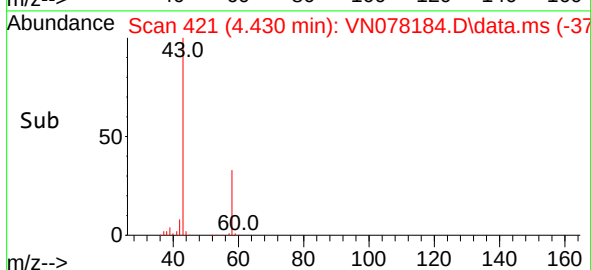
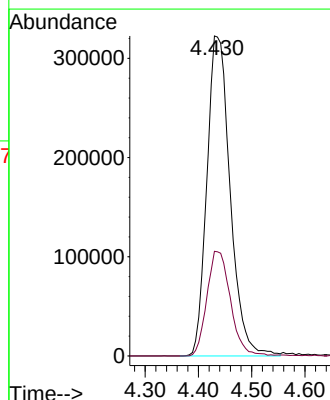
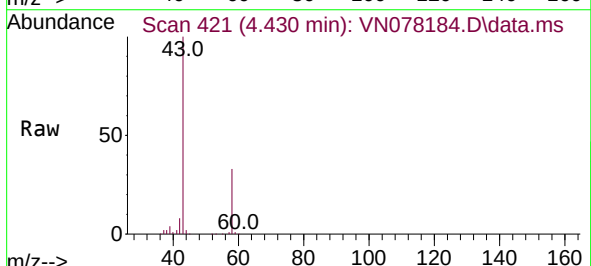
Instrument :
MSVOA_N
ClientSampleId :
AUD-1971DL

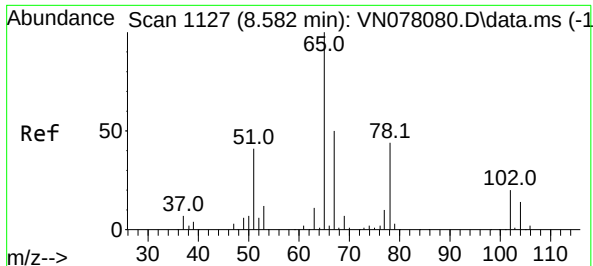
Tgt Ion:168 Resp: 419821
Ion Ratio Lower Upper
168 100
99 59.8 53.0 79.6



#16
Acetone
Concen: 608.036 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.006 min
Lab File: VN078184.D
Acq: 13 Jun 2023 14:24

Tgt Ion: 43 Resp: 979647
Ion Ratio Lower Upper
43 100
58 32.7 28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 49.988 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078184.D

Acq: 13 Jun 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :

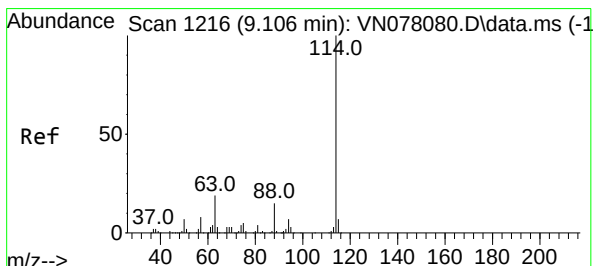
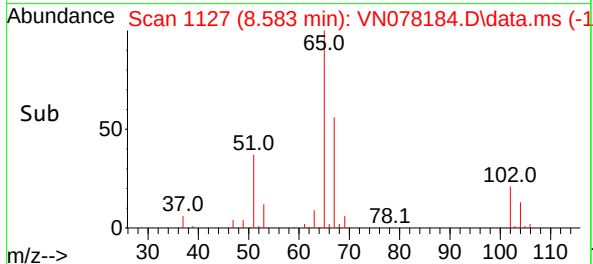
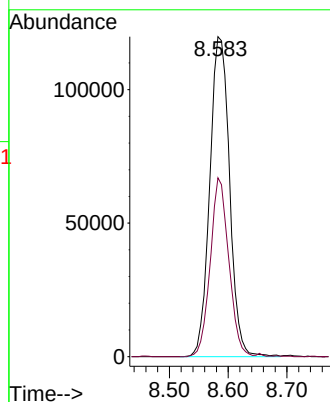
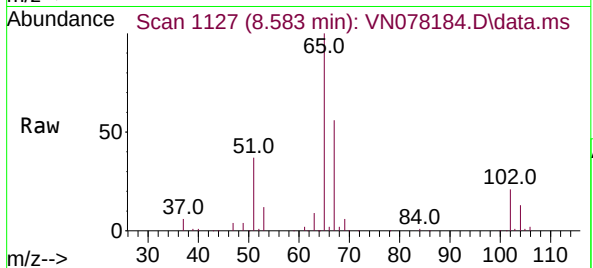
AUD-1971DL

Tgt Ion: 65 Resp: 279808

Ion Ratio Lower Upper

65 100

67 52.4 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: VN078184.D

Acq: 13 Jun 2023 14:24

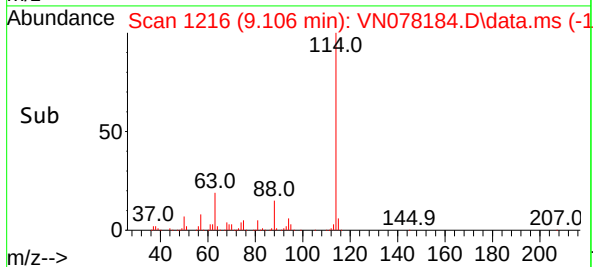
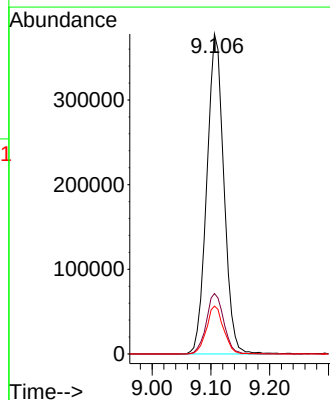
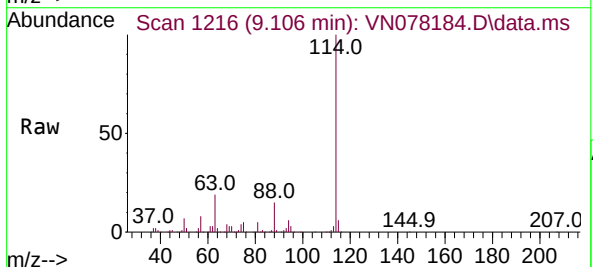
Tgt Ion: 114 Resp: 762567

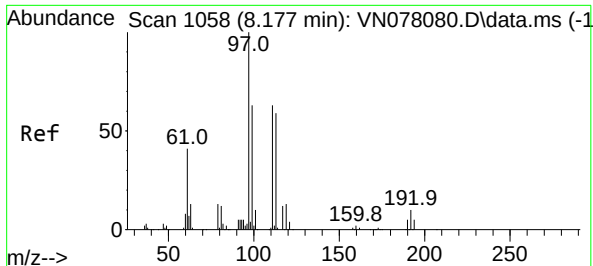
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.4

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.464 ug/l

RT: 8.177 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078184.D

Acq: 13 Jun 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :

AUD-1971DL

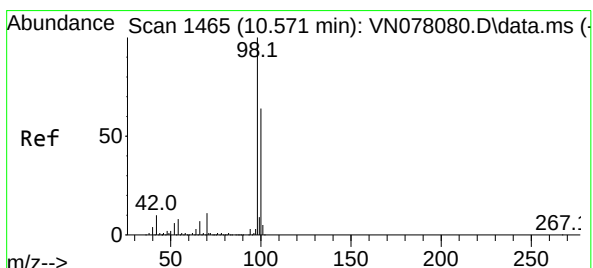
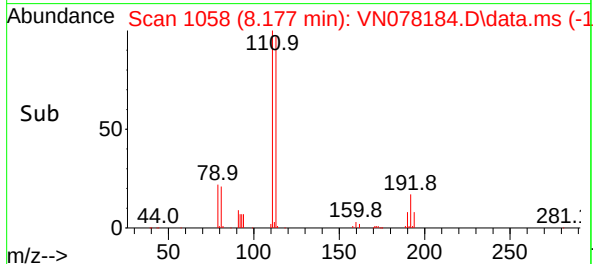
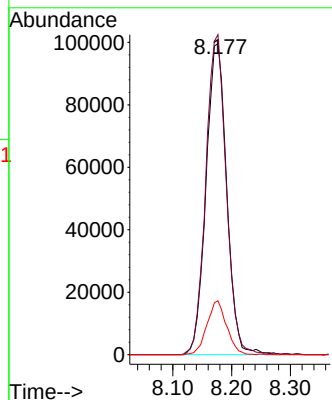
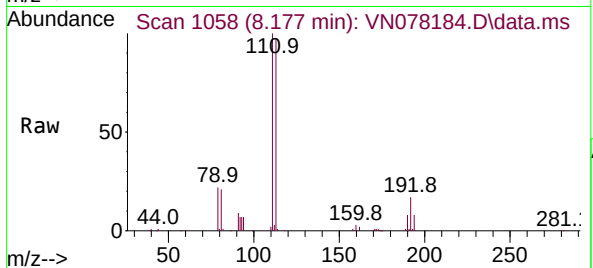
Tgt Ion:113 Resp: 243318

Ion Ratio Lower Upper

113 100

111 102.1 82.6 123.8

192 16.5 12.7 19.1



#50

Toluene-d8

Concen: 49.651 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078184.D

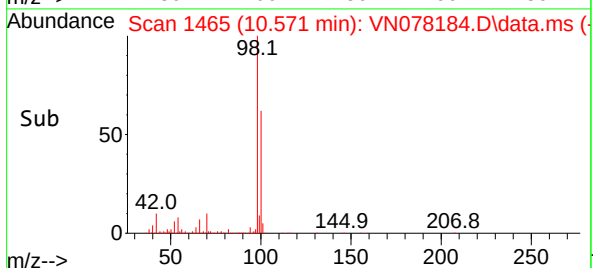
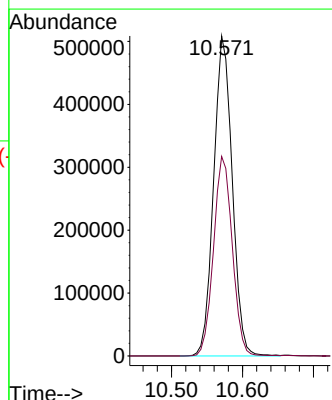
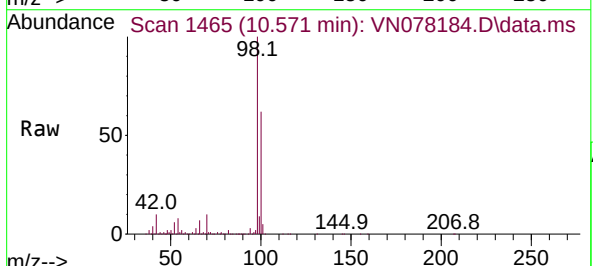
Acq: 13 Jun 2023 14:24

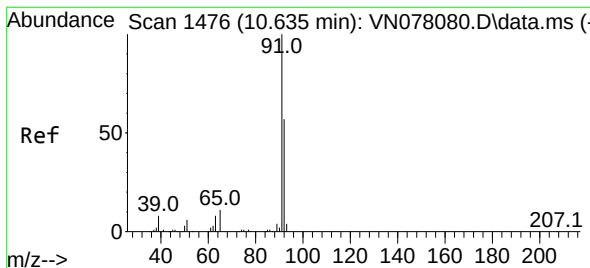
Tgt Ion: 98 Resp: 922910

Ion Ratio Lower Upper

98 100

100 63.0 52.0 78.0





#52

Toluene

Concen: 54.398 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN078184.D

Acq: 13 Jun 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :

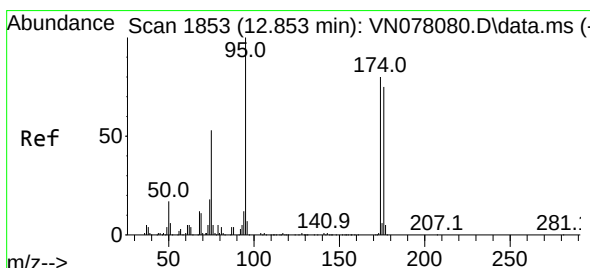
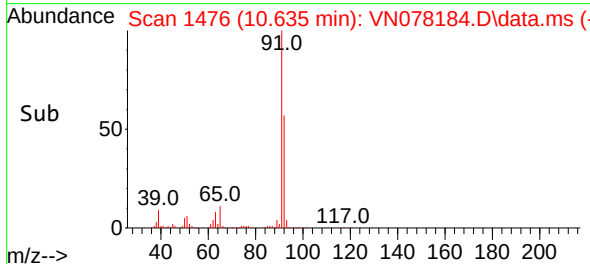
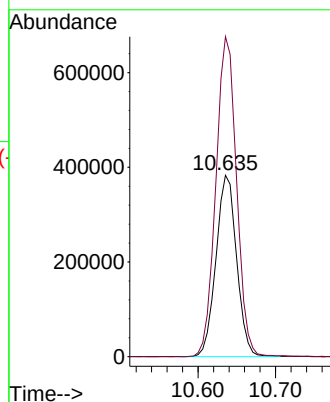
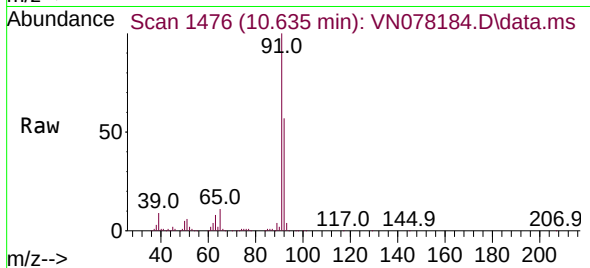
AUD-1971DL

Tgt Ion: 92 Resp: 709139

Ion Ratio Lower Upper

92 100

91 177.4 137.4 206.0



#62

4-Bromofluorobenzene

Concen: 48.184 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN078184.D

Acq: 13 Jun 2023 14:24

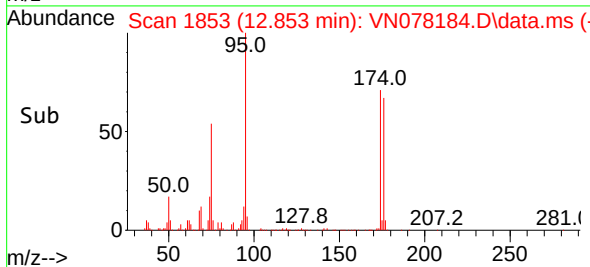
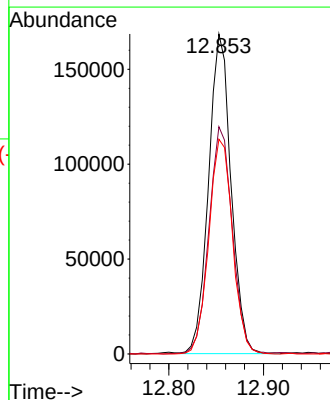
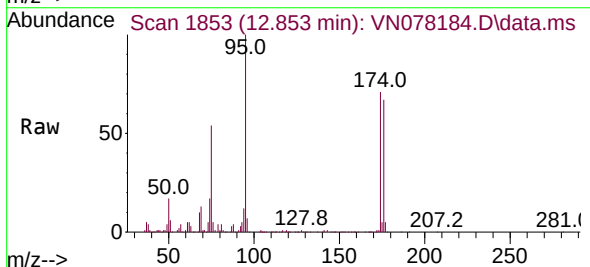
Tgt Ion: 95 Resp: 278428

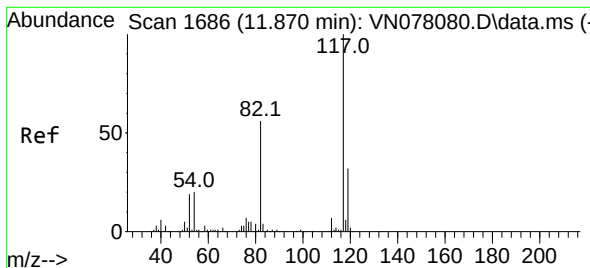
Ion Ratio Lower Upper

95 100

174 74.2 0.0 143.8

176 70.9 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078184.D

Acq: 13 Jun 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :

AUD-1971DL

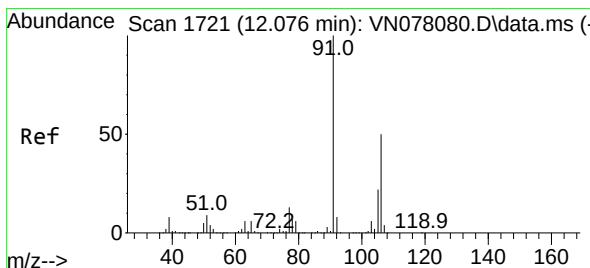
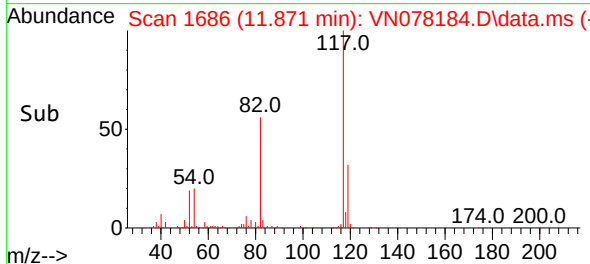
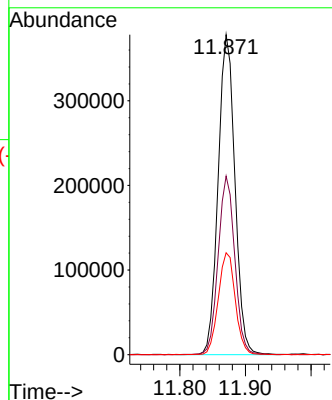
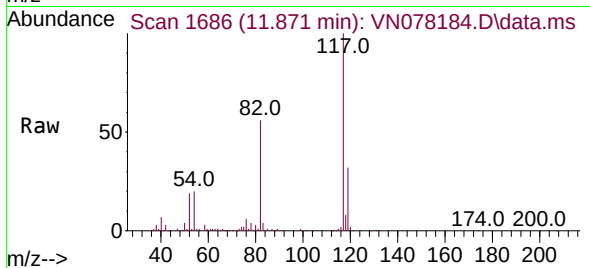
Tgt Ion:117 Resp: 669872

Ion Ratio Lower Upper

117 100

82 55.8 44.0 66.0

119 31.9 25.6 38.4



#68

m/p-Xylenes

Concen: 3.477 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN078184.D

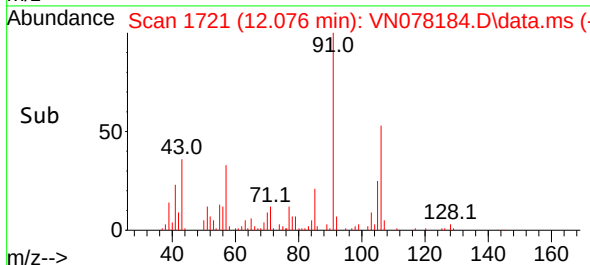
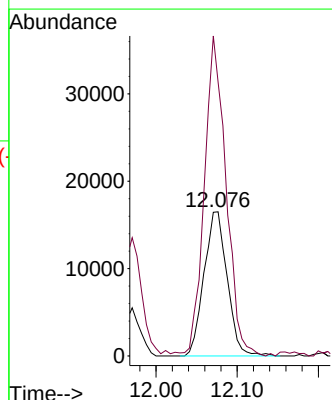
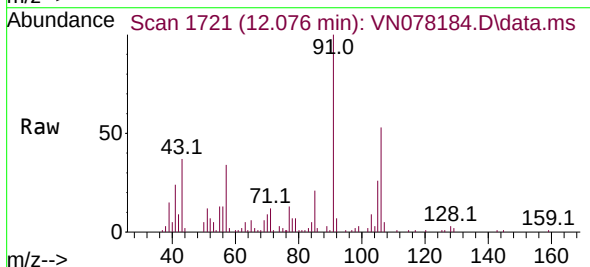
Acq: 13 Jun 2023 14:24

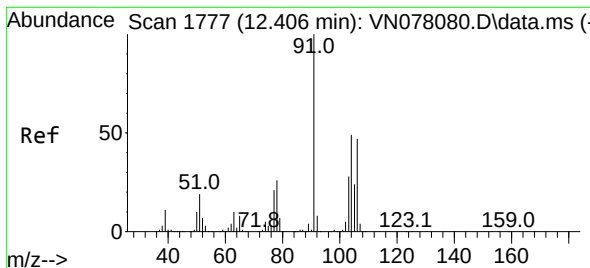
Tgt Ion:106 Resp: 32800

Ion Ratio Lower Upper

106 100

91 207.4 159.6 239.4





#69

o-Xylene

Concen: 1.561 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN078184.D

Acq: 13 Jun 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :

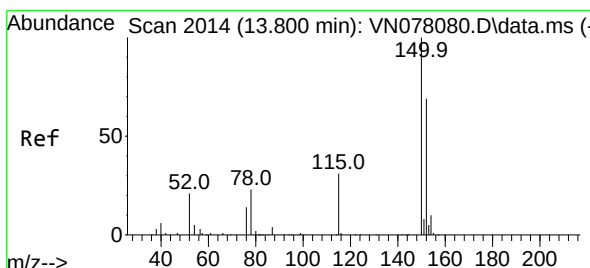
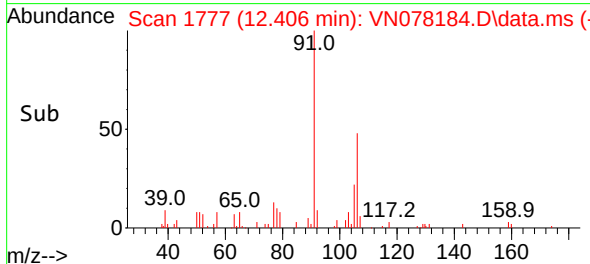
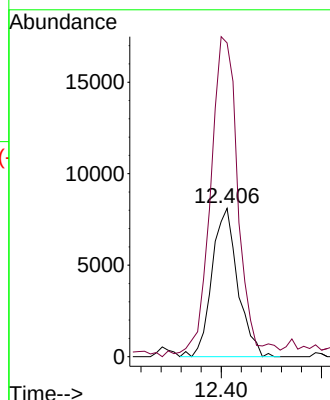
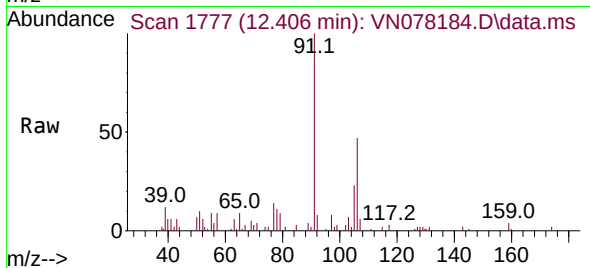
AUD-1971DL

Tgt Ion:106 Resp: 14458

Ion Ratio Lower Upper

106 100

91 232.6 105.2 315.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. 0.000 min

Lab File: VN078184.D

Acq: 13 Jun 2023 14:24

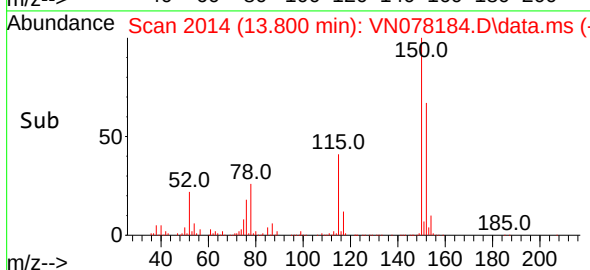
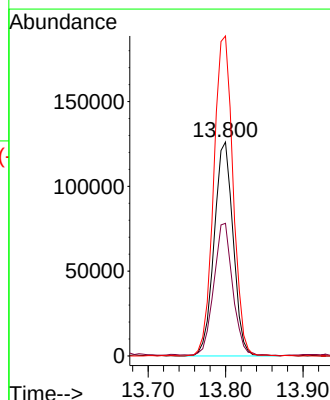
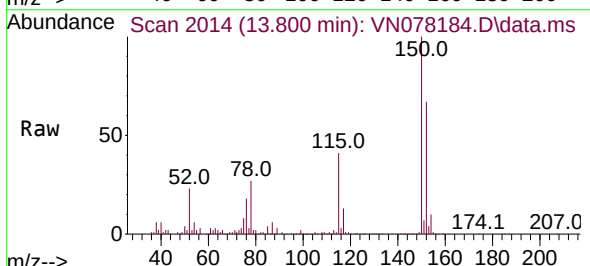
Tgt Ion:152 Resp: 214678

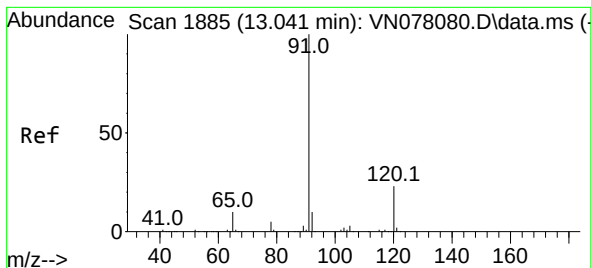
Ion Ratio Lower Upper

152 100

115 61.7 32.3 96.8

150 152.4 0.0 355.8





#78

n-propylbenzene

Concen: 1.199 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078184.D

Acq: 13 Jun 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :

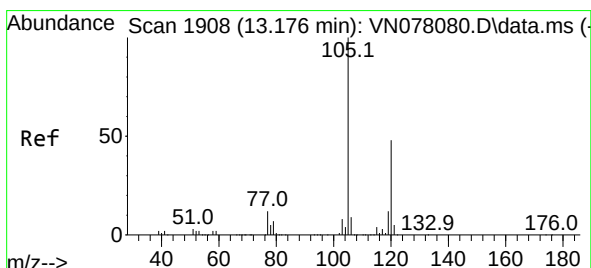
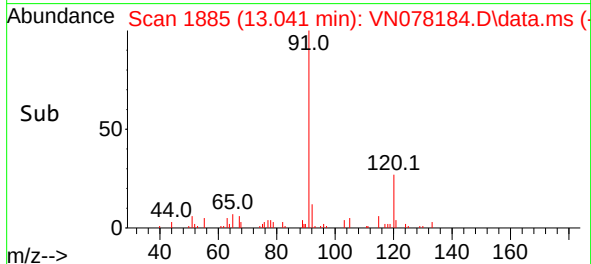
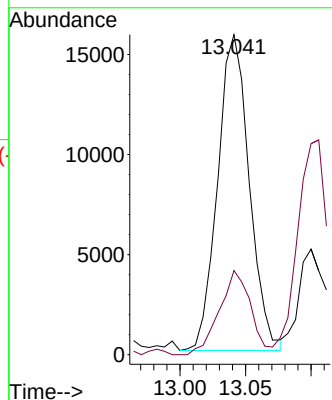
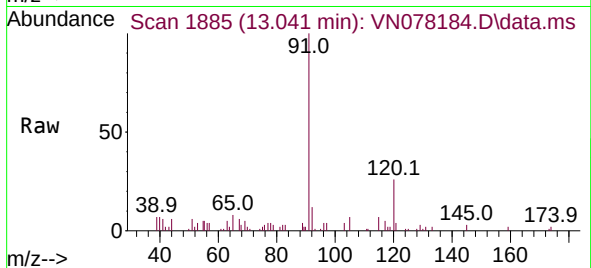
AUD-1971DL

Tgt Ion: 91 Resp: 26437

Ion Ratio Lower Upper

91 100

120 26.4 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 1.625 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078184.D

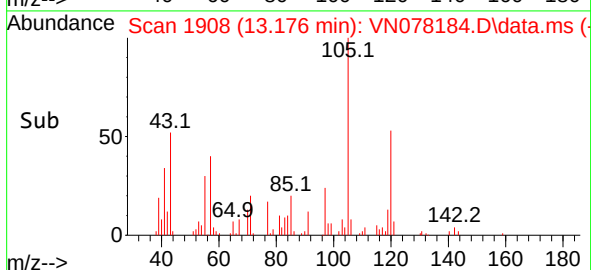
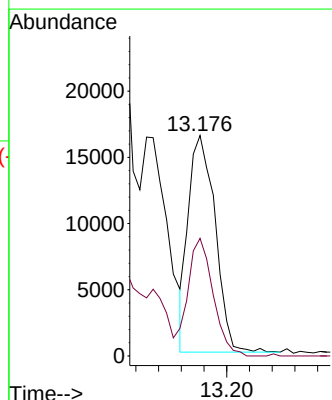
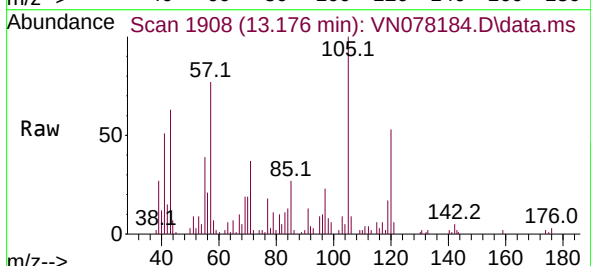
Acq: 13 Jun 2023 14:24

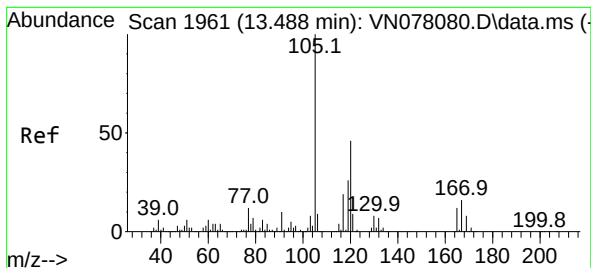
Tgt Ion:105 Resp: 26709

Ion Ratio Lower Upper

105 100

120 51.7 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 5.621 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN078184.D

Acq: 13 Jun 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :

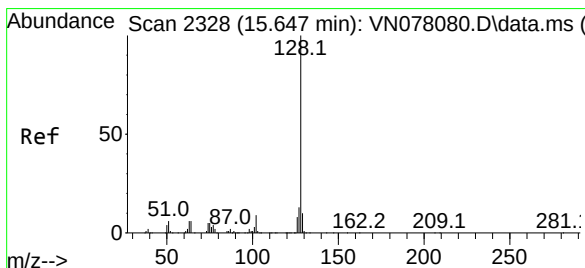
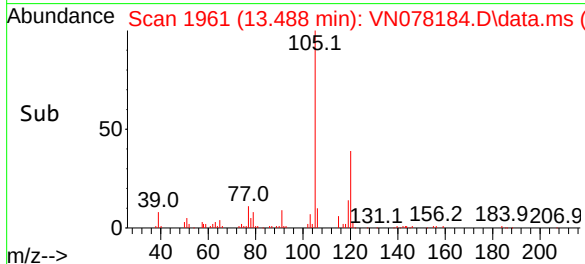
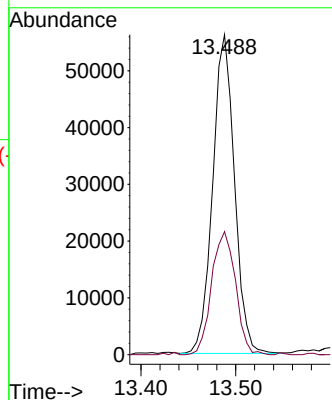
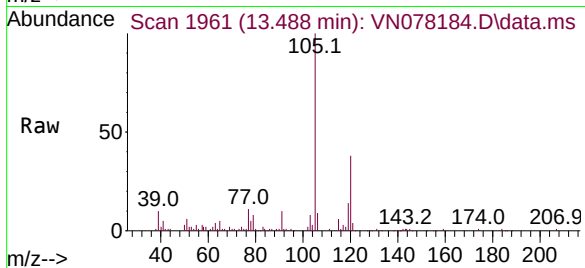
AUD-1971DL

Tgt Ion:105 Resp: 89566

Ion Ratio Lower Upper

105 100

120 42.3 22.0 66.0



#95

Naphthalene

Concen: 1.205 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.000 min

Lab File: VN078184.D

Acq: 13 Jun 2023 14:24

Tgt Ion:128 Resp: 11255

Ion Ratio Lower Upper

128 100

127 23.7 10.0 15.0#

129 12.4 8.7 13.1

