

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074234.D
 Acq On : 01 Sep 2022 11:50
 Operator : JC\MD
 Sample : N4447-04DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1656-WATERDL

Quant Time: Sep 01 16:14:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

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

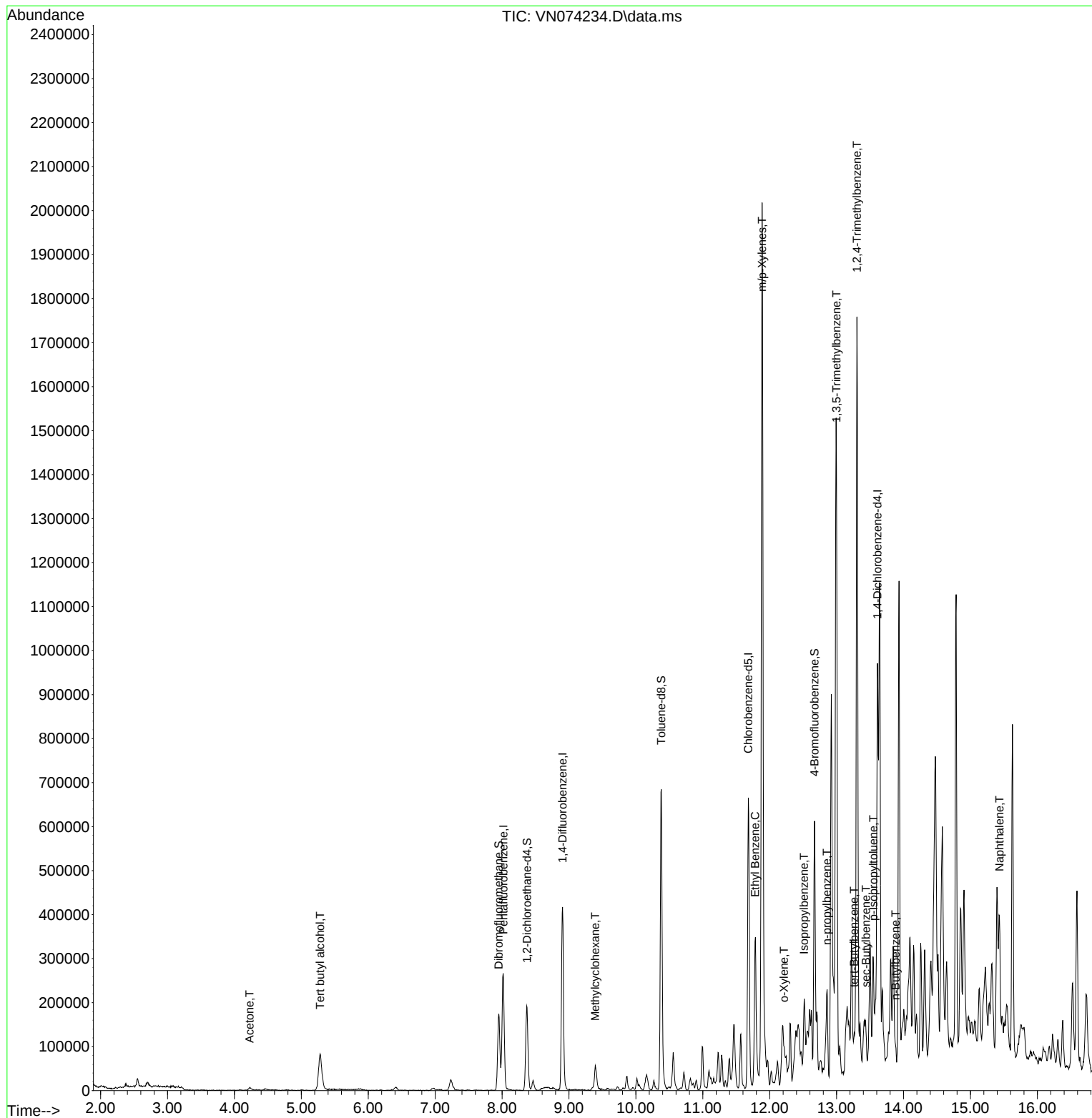
Internal Standards						
1) Pentafluorobenzene	8.022	168	186055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	349071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	342071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.609	152	175751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	150774	52.240	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.480%	
35) Dibromofluoromethane	7.951	113	121489	53.485	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.960%	
50) Toluene-d8	10.380	98	428415	47.892	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.780%	
62) 4-Bromofluorobenzene	12.668	95	173901	63.926	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 127.860%#	
Target Compounds						Qvalue
11) Tert butyl alcohol	5.281	59	134465	205.930	ug/l	100
16) Acetone	4.228	43	10464	5.426	ug/l	93
39) Methylcyclohexane	9.392	83	16107	3.723	ug/l #	64
67) Ethyl Benzene	11.780	91	220612	15.971	ug/l	95
68) m/p-Xylenes	11.886	106	500321	97.499	ug/l	93
69) o-Xylene	12.215	106	11662	2.281	ug/l	100
73) Isopropylbenzene	12.515	105	104282	6.928	ug/l	97
78) n-propylbenzene	12.857	91	153223	8.931	ug/l	93
80) 1,3,5-Trimethylbenzene	12.998	105	539019	44.034	ug/l	96
83) tert-Butylbenzene	13.262	119	23563	2.250	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	905707	76.665	ug/l	98
85) sec-Butylbenzene	13.439	105	38484	2.620	ug/l #	42
86) p-Isopropyltoluene	13.551	119	43130	3.774	ug/l	97
89) n-Butylbenzene	13.880	91	22776	2.288	ug/l #	70
95) Naphthalene	15.433	128	260244	20.216	ug/l	99

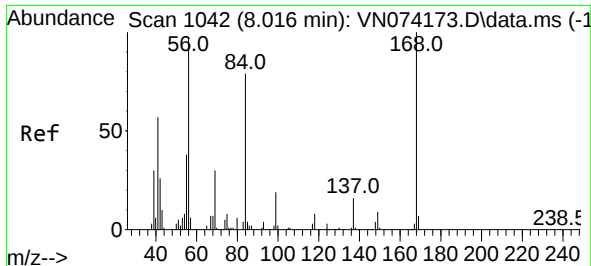
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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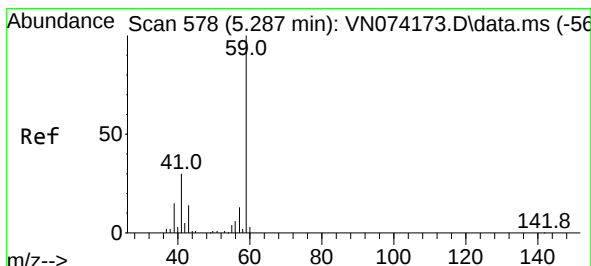
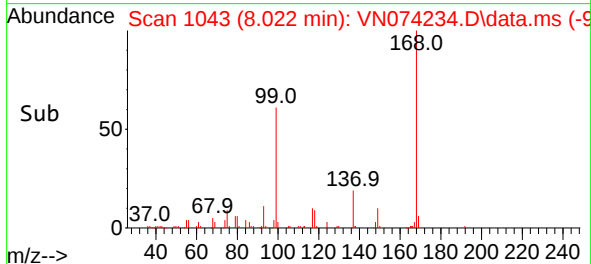
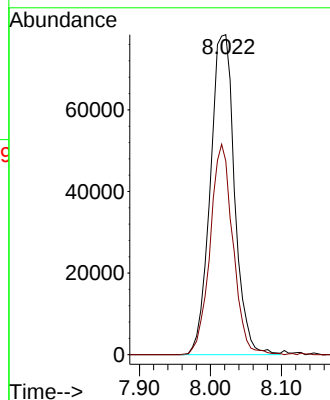
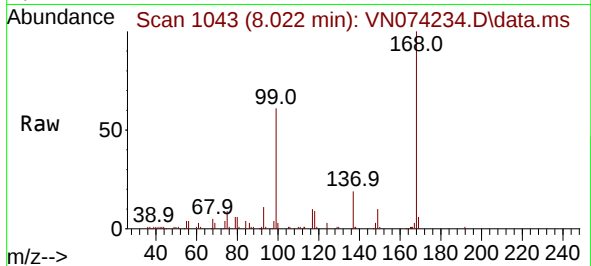




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VN074234.D
Acq: 01 Sep 2022 11:50

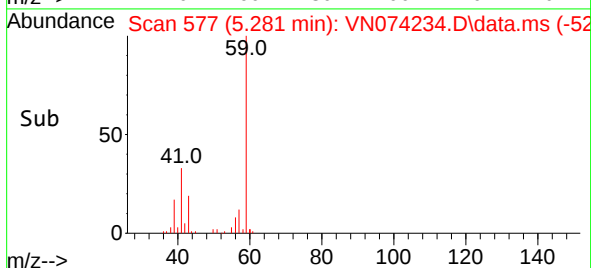
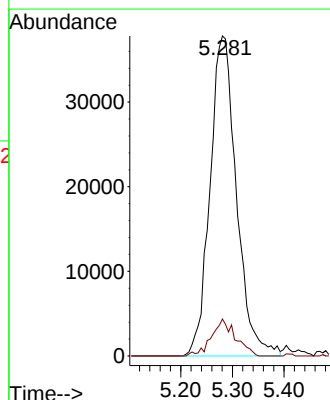
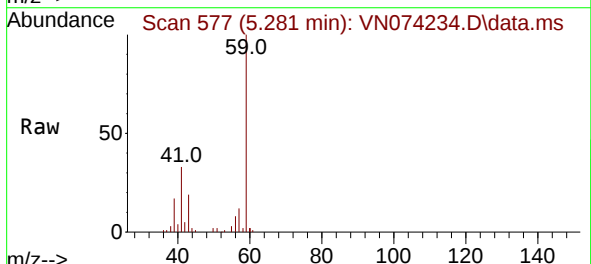
Instrument :
MSVOA_N
ClientSampleId :
AUD-1656-WATERDL

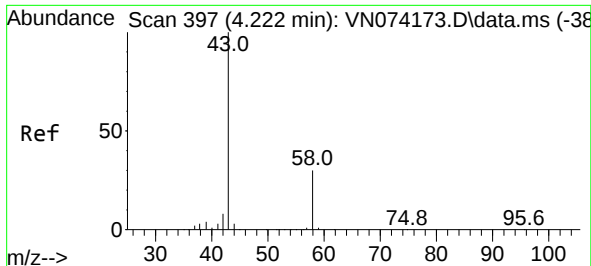
Tgt Ion:168 Resp: 186055
Ion Ratio Lower Upper
168 100
99 60.5 42.3 63.5



#11
Tert butyl alcohol
Concen: 205.930 ug/l
RT: 5.281 min Scan# 577
Delta R.T. -0.006 min
Lab File: VN074234.D
Acq: 01 Sep 2022 11:50

Tgt Ion: 59 Resp: 134465
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

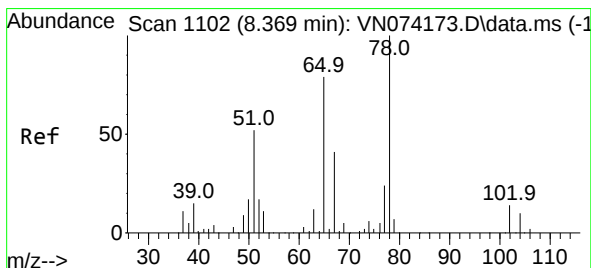
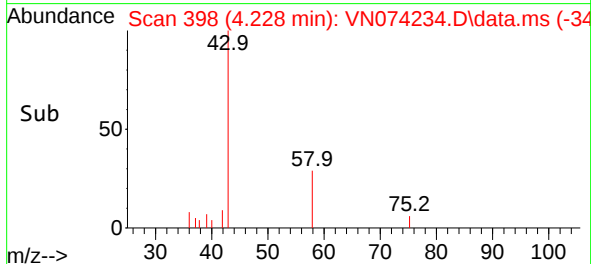
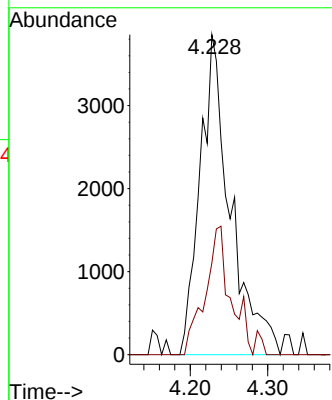
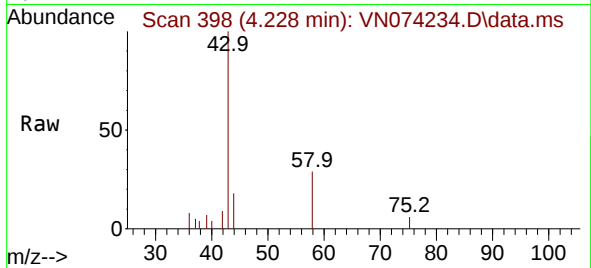




#16
Acetone
Concen: 5.426 ug/l
RT: 4.228 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN074234.D
Acq: 01 Sep 2022 11:50

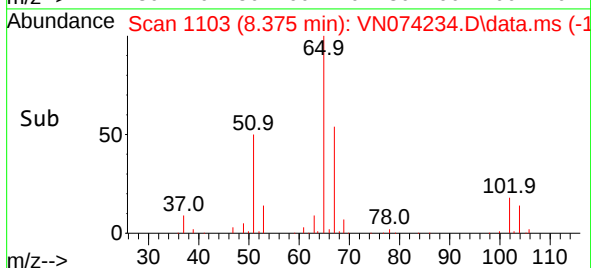
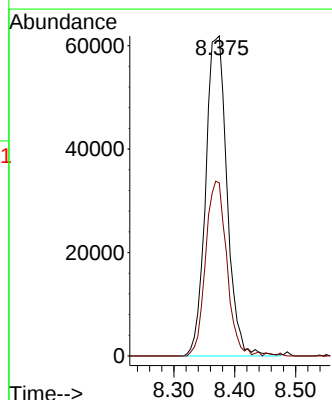
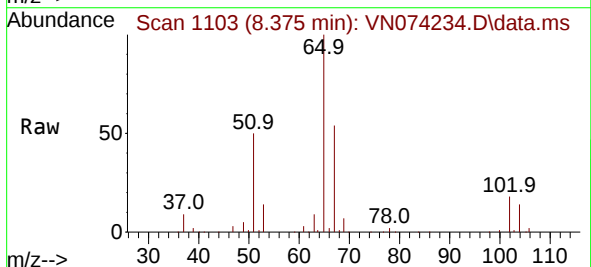
Instrument :
MSVOA_N
ClientSampleId :
AUD-1656-WATERDL

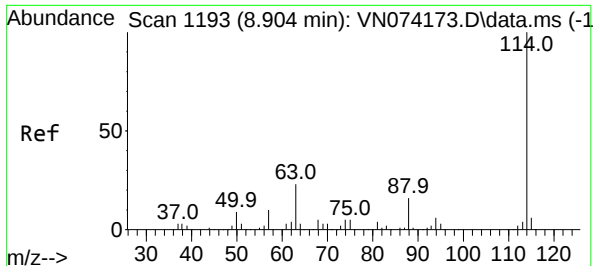
Tgt Ion: 43 Resp: 10464
Ion Ratio Lower Upper
43 100
58 28.7 26.0 39.0



#33
1,2-Dichloroethane-d4
Concen: 52.240 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074234.D
Acq: 01 Sep 2022 11:50

Tgt Ion: 65 Resp: 150774
Ion Ratio Lower Upper
65 100
67 53.8 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074234.D

Acq: 01 Sep 2022 11:50

Instrument :

MSVOA_N

ClientSampleId :

AUD-1656-WATERDL

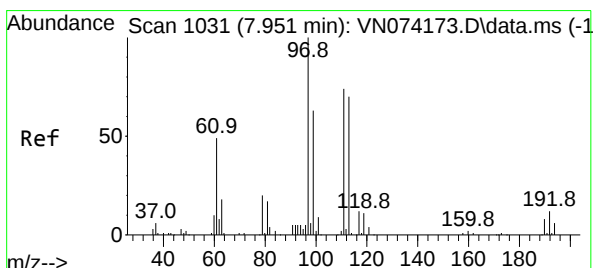
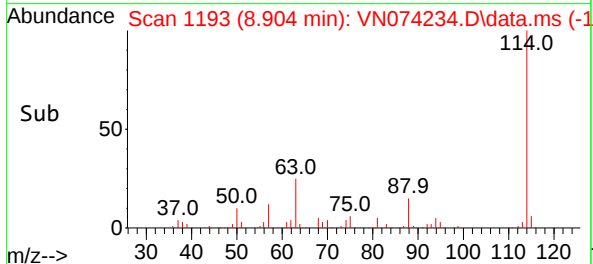
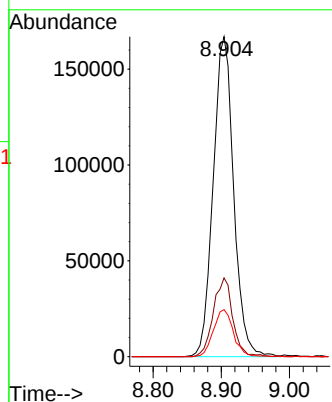
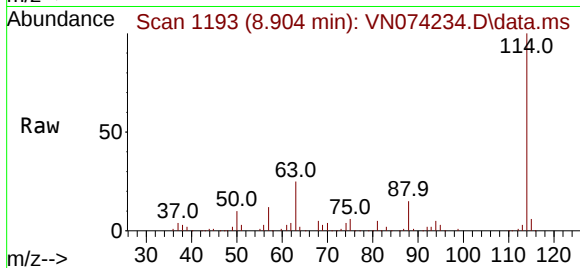
Tgt Ion:114 Resp: 349071

Ion Ratio Lower Upper

114 100

63 24.6 0.0 40.0

88 14.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.485 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN074234.D

Acq: 01 Sep 2022 11:50

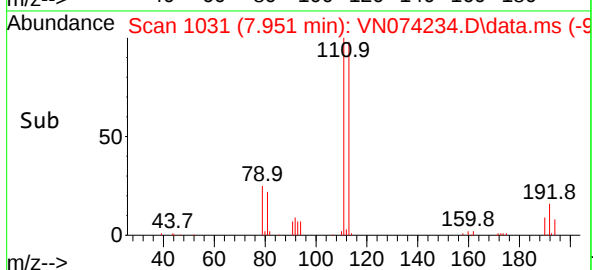
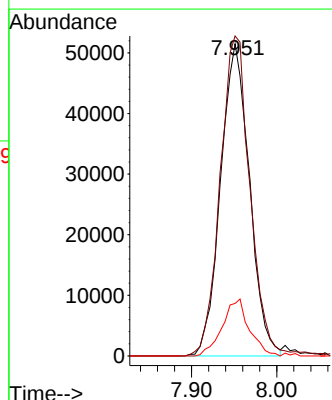
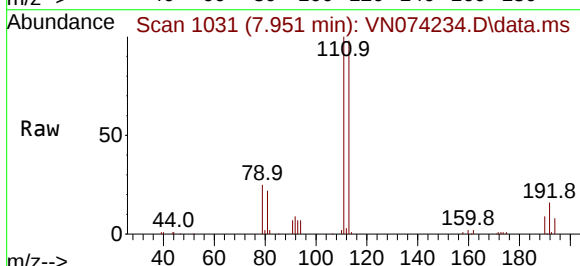
Tgt Ion:113 Resp: 121489

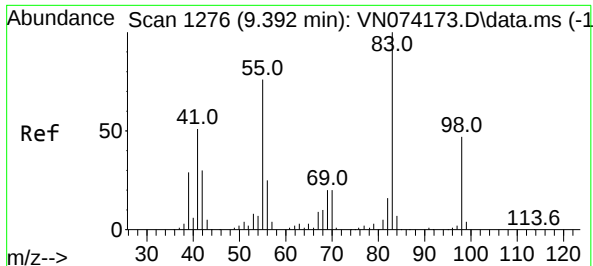
Ion Ratio Lower Upper

113 100

111 106.4 81.4 122.0

192 16.9 17.0 25.6#





#39

Methylcyclohexane

Concen: 3.723 ug/l

RT: 9.392 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN074234.D

Acq: 01 Sep 2022 11:50

Instrument :

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ClientSampleId :

AUD-1656-WATERDL

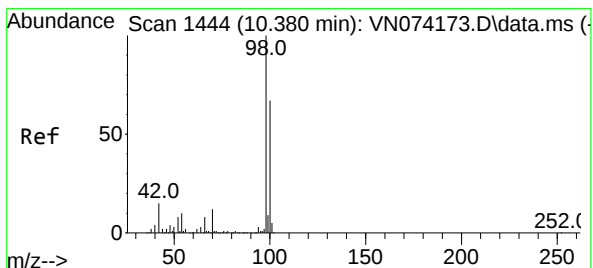
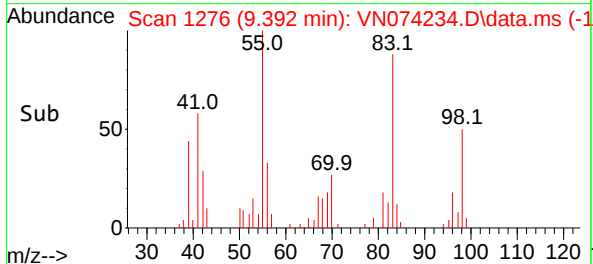
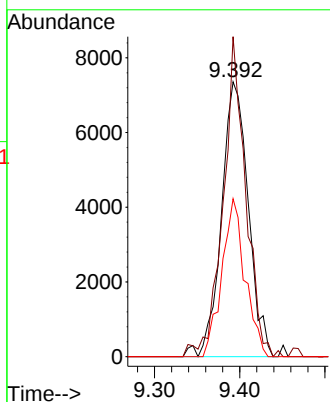
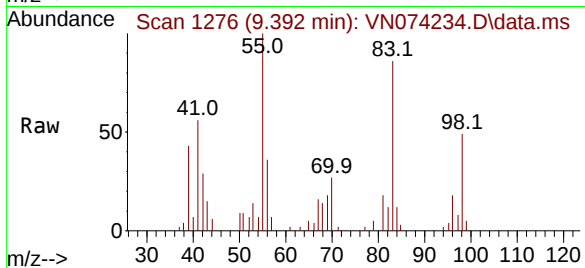
Tgt Ion: 83 Resp: 16107

Ion Ratio Lower Upper

83 100

55 116.4 57.8 86.8#

98 57.5 39.4 59.2



#50

Toluene-d8

Concen: 47.892 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN074234.D

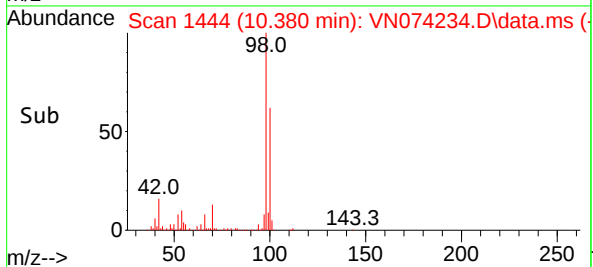
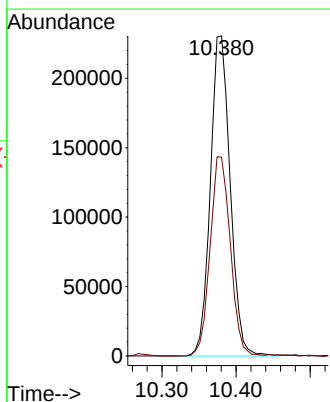
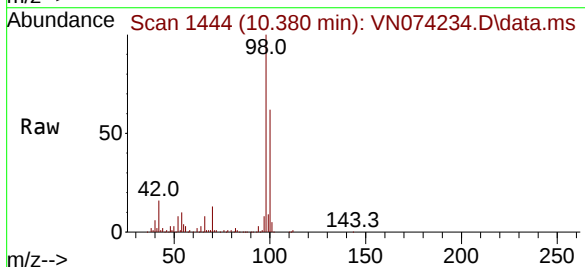
Acq: 01 Sep 2022 11:50

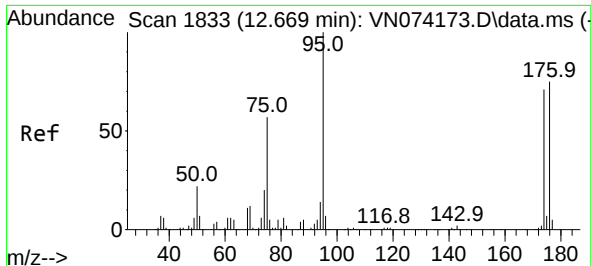
Tgt Ion: 98 Resp: 428415

Ion Ratio Lower Upper

98 100

100 63.5 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 63.926 ug/l

RT: 12.668 min Scan# 1833

Delta R.T. -0.000 min

Lab File: VN074234.D

Acq: 01 Sep 2022 11:50

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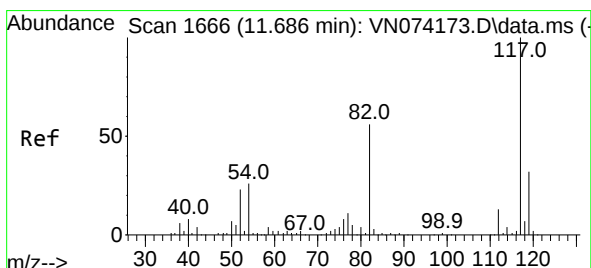
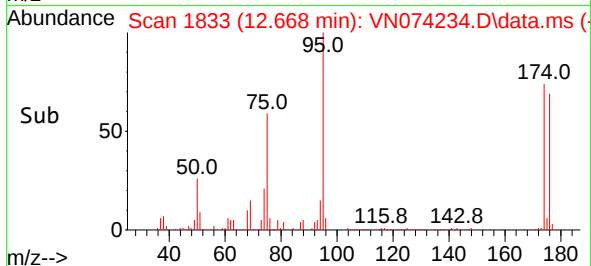
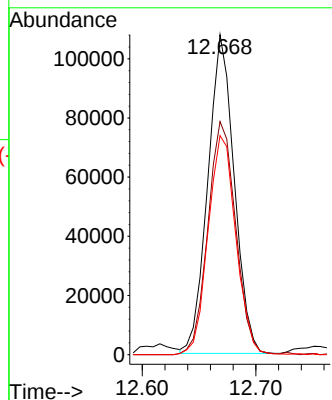
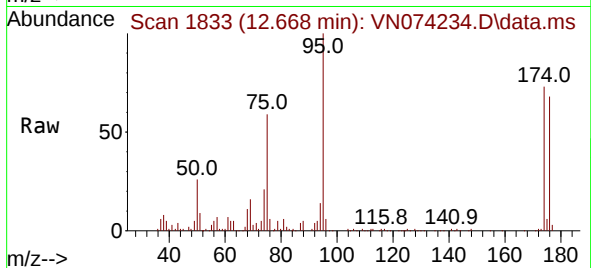
Tgt Ion: 95 Resp: 173901

Ion Ratio Lower Upper

95 100

174 77.0 0.0 167.6

176 72.5 0.0 163.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1665

Delta R.T. -0.006 min

Lab File: VN074234.D

Acq: 01 Sep 2022 11:50

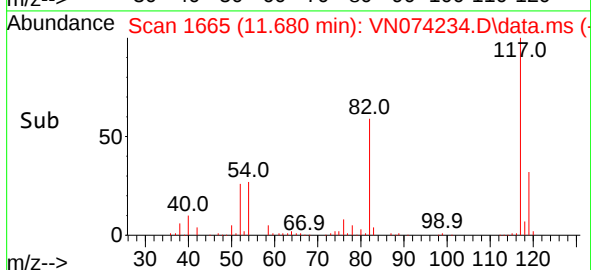
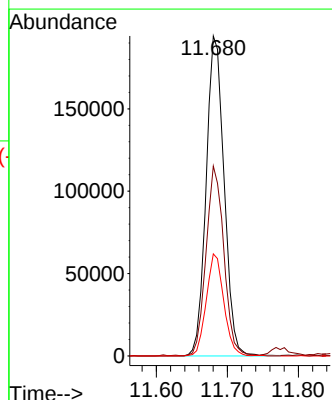
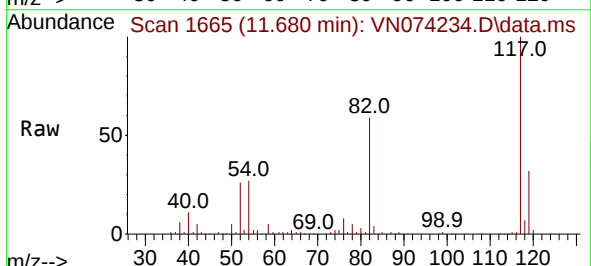
Tgt Ion: 117 Resp: 342071

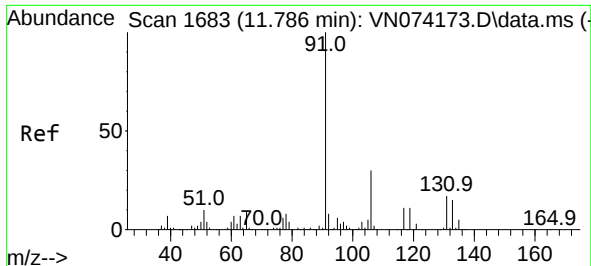
Ion Ratio Lower Upper

117 100

82 59.3 44.2 66.2

119 31.9 25.4 38.0

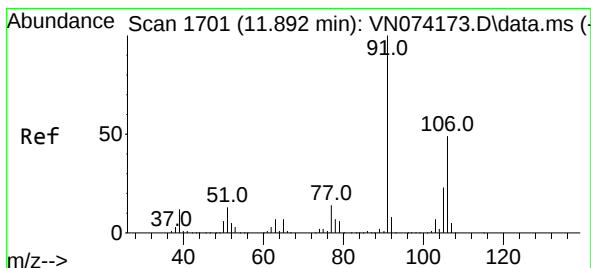
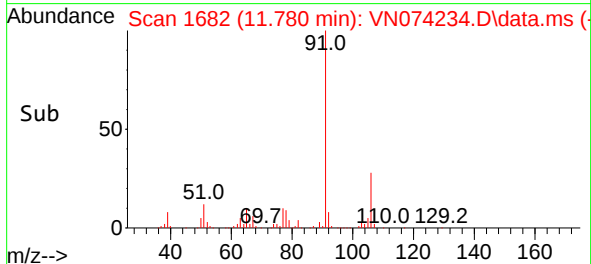
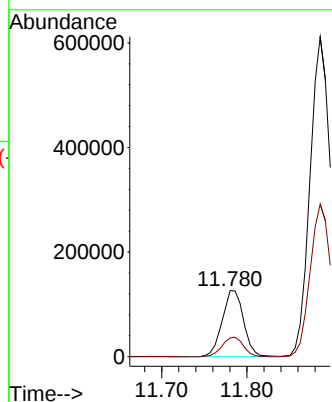
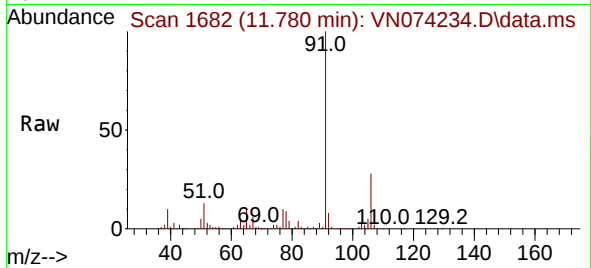




#67
Ethyl Benzene
Concen: 15.971 ug/l
RT: 11.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074234.D
Acq: 01 Sep 2022 11:50

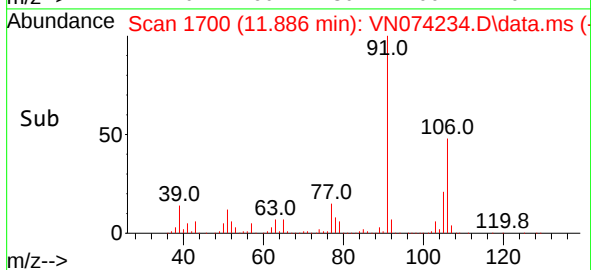
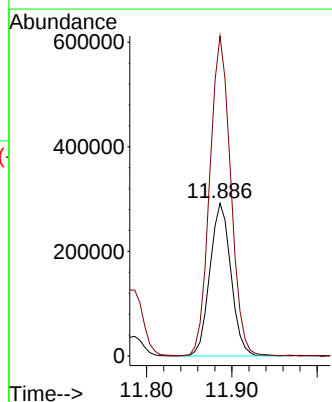
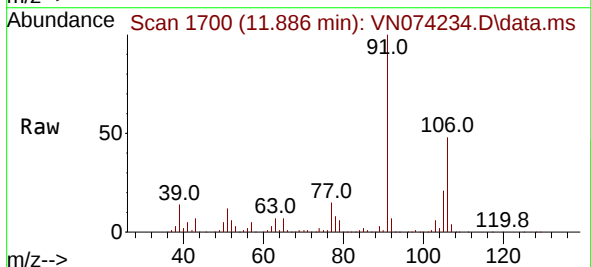
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AUD-1656-WATERDL

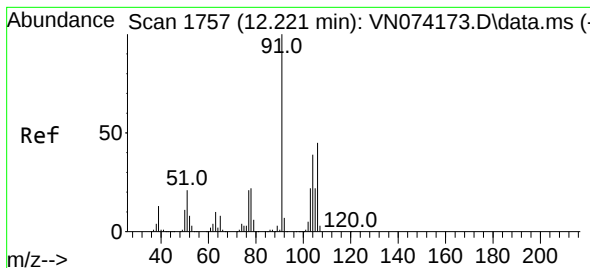
Tgt Ion: 91 Resp: 220612
Ion Ratio Lower Upper
91 100
106 28.3 24.9 37.3



#68
m/p-Xylenes
Concen: 97.499 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN074234.D
Acq: 01 Sep 2022 11:50

Tgt Ion:106 Resp: 500321
Ion Ratio Lower Upper
106 100
91 208.7 158.9 238.3





#69

o-Xylene

Concen: 2.281 ug/l

RT: 12.215 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN074234.D

Acq: 01 Sep 2022 11:50

Instrument :

MSVOA_N

ClientSampleId :

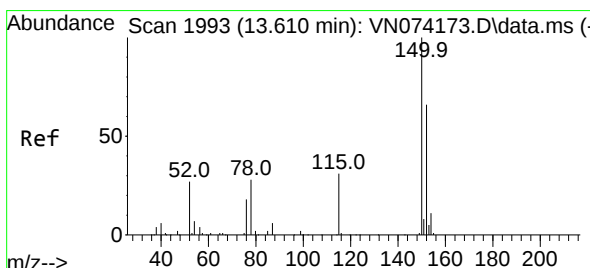
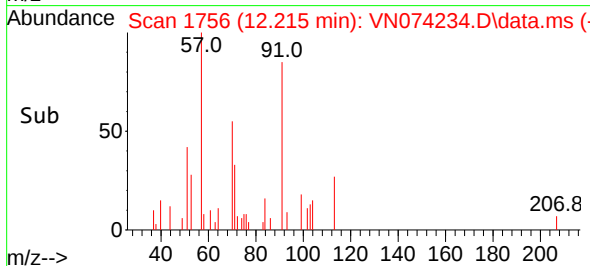
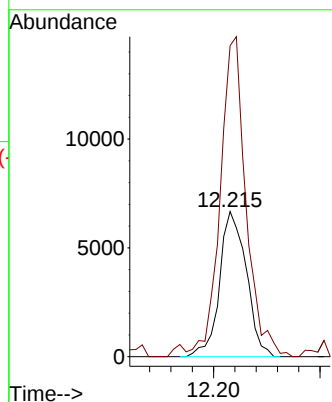
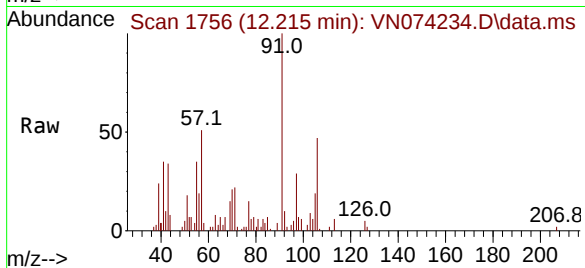
AUD-1656-WATERDL

Tgt Ion:106 Resp: 11662

Ion Ratio Lower Upper

106 100

91 211.4 106.0 318.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.609 min Scan# 1993

Delta R.T. -0.001 min

Lab File: VN074234.D

Acq: 01 Sep 2022 11:50

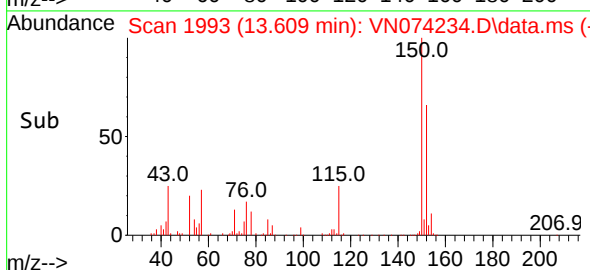
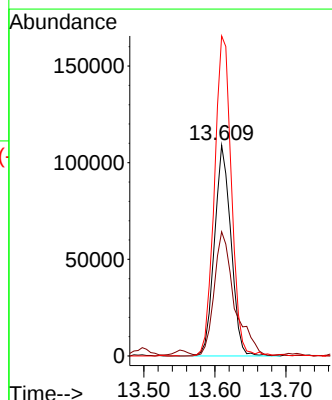
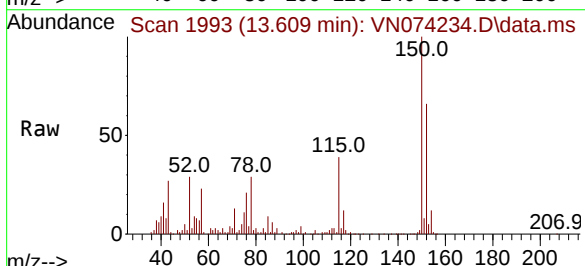
Tgt Ion:152 Resp: 175751

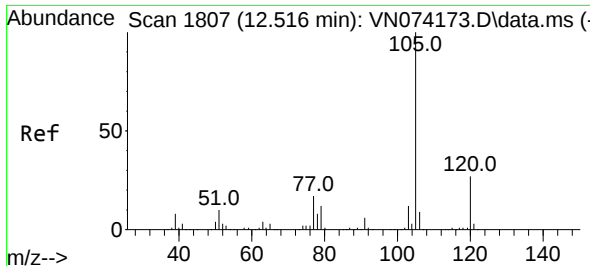
Ion Ratio Lower Upper

152 100

115 72.0 28.9 86.7

150 156.2 0.0 356.2

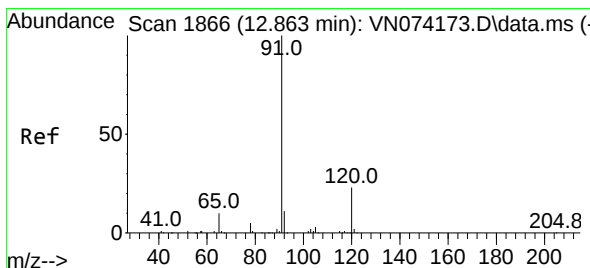
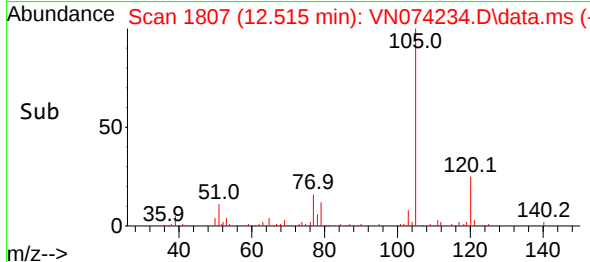
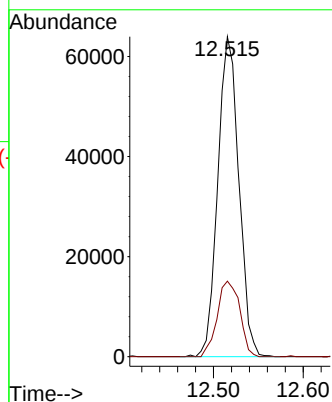
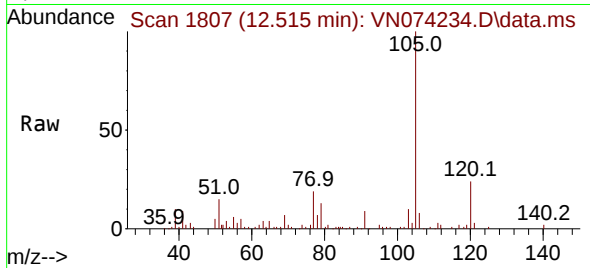




#73
Isopropylbenzene
Concen: 6.928 ug/l
RT: 12.515 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN074234.D
Acq: 01 Sep 2022 11:50

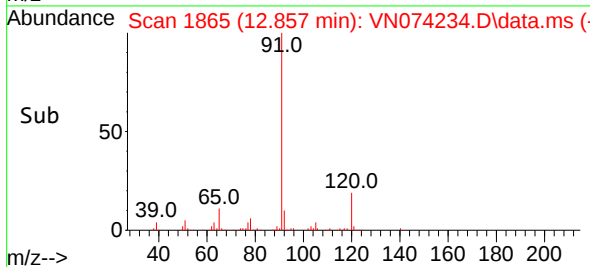
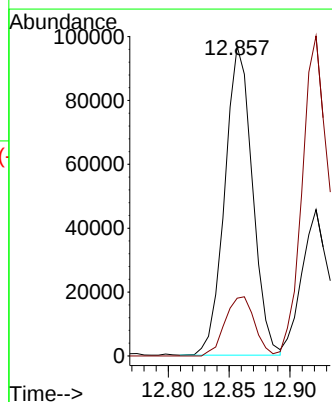
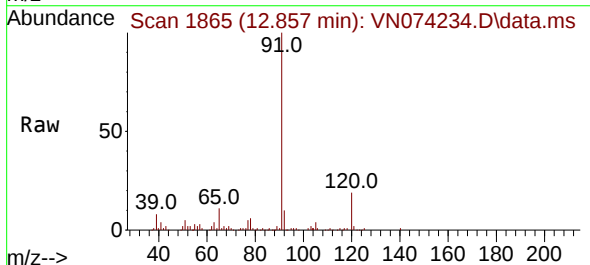
Instrument :
MSVOA_N
ClientSampleId :
AUD-1656-WATERDL

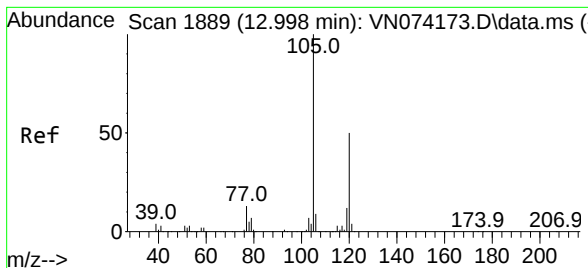
Tgt Ion:105 Resp: 104282
Ion Ratio Lower Upper
105 100
120 25.2 13.5 40.4



#78
n-propylbenzene
Concen: 8.931 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VN074234.D
Acq: 01 Sep 2022 11:50

Tgt Ion: 91 Resp: 153223
Ion Ratio Lower Upper
91 100
120 20.4 11.9 35.5

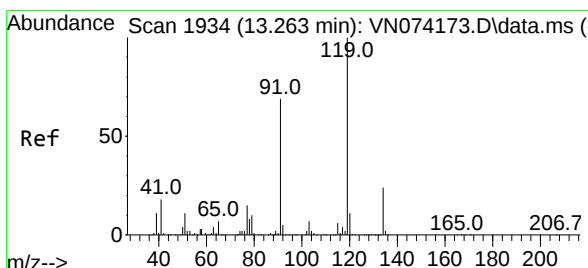
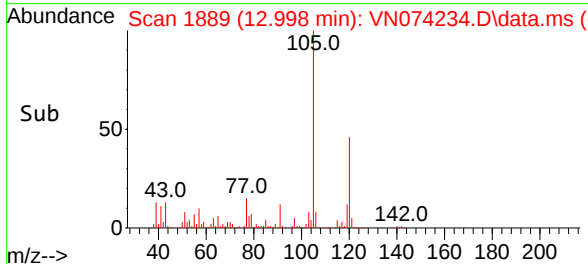
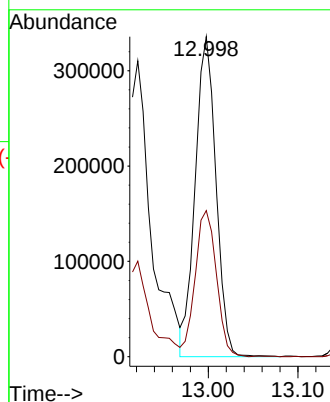
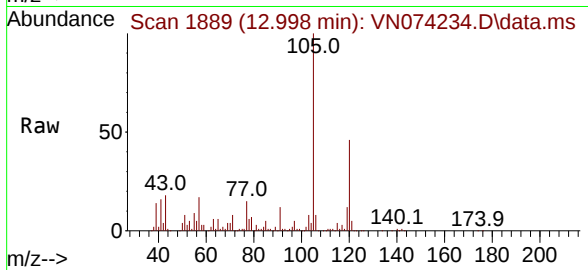




#80
1,3,5-Trimethylbenzene
Concen: 44.034 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN074234.D
Acq: 01 Sep 2022 11:50

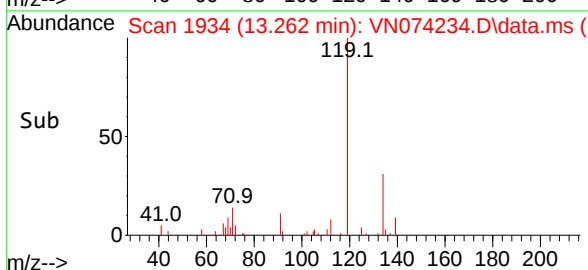
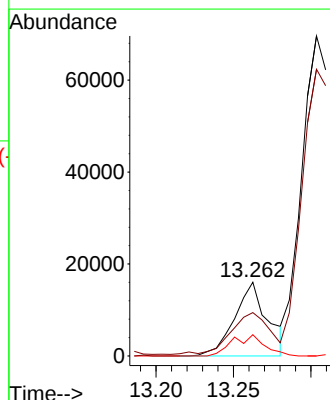
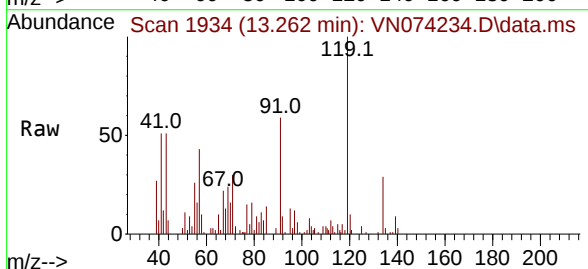
Instrument :
MSVOA_N
ClientSampleId :
AUD-1656-WATERDL

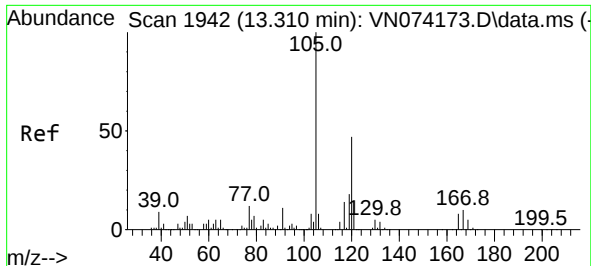
Tgt Ion:105 Resp: 539019
Ion Ratio Lower Upper
105 100
120 46.8 24.9 74.7



#83
tert-Butylbenzene
Concen: 2.250 ug/l
RT: 13.262 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN074234.D
Acq: 01 Sep 2022 11:50

Tgt Ion:119 Resp: 23563
Ion Ratio Lower Upper
119 100
91 67.5 31.6 94.8
134 28.6 13.7 41.1

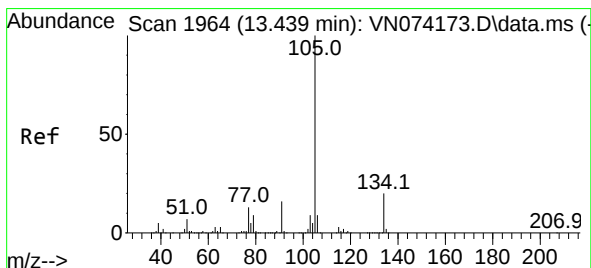
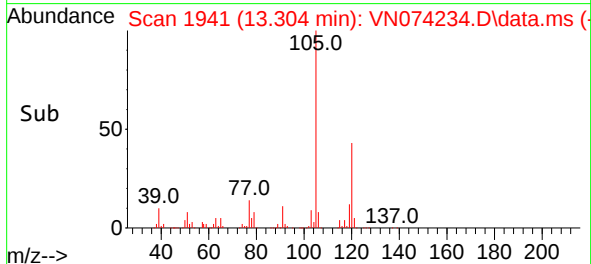
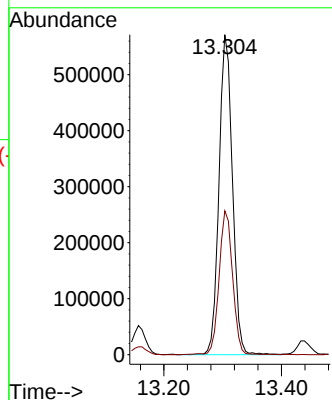
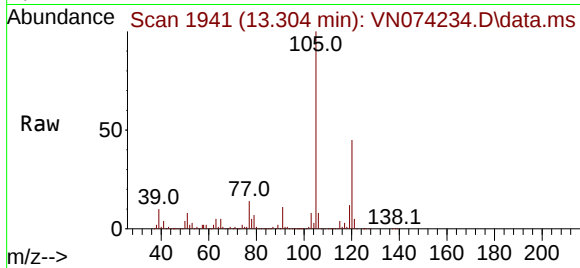




#84
1,2,4-Trimethylbenzene
Concen: 76.665 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VN074234.D
Acq: 01 Sep 2022 11:50

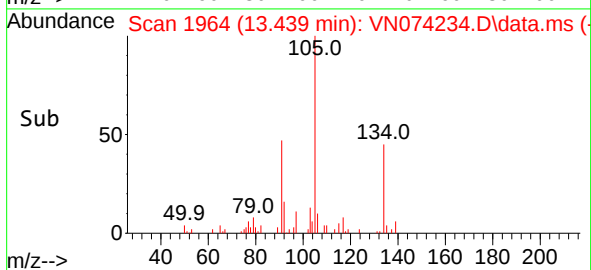
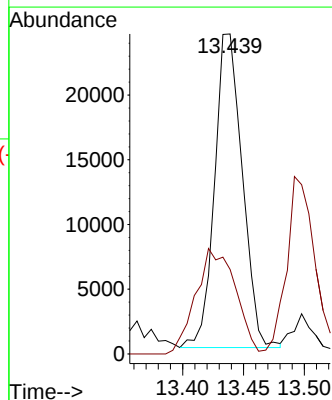
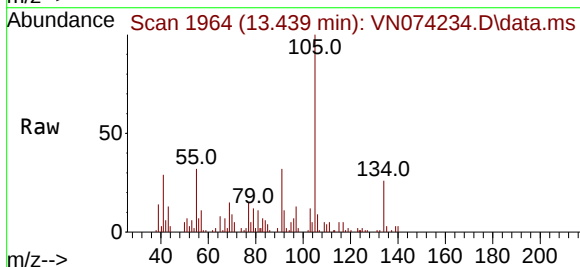
Instrument :
MSVOA_N
ClientSampleId :
AUD-1656-WATERDL

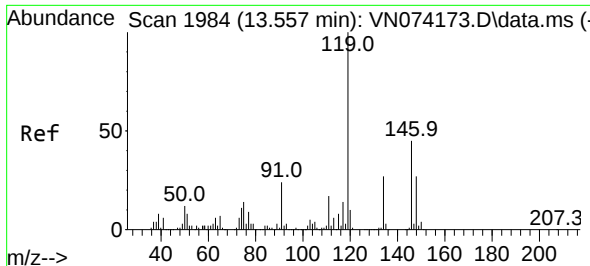
Tgt Ion:105 Resp: 905707
Ion Ratio Lower Upper
105 100
120 45.3 23.3 69.8



#85
sec-Butylbenzene
Concen: 2.620 ug/l
RT: 13.439 min Scan# 1964
Delta R.T. -0.000 min
Lab File: VN074234.D
Acq: 01 Sep 2022 11:50

Tgt Ion:105 Resp: 38484
Ion Ratio Lower Upper
105 100
134 47.8 10.4 31.1#

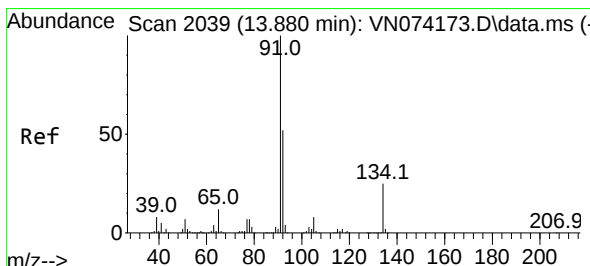
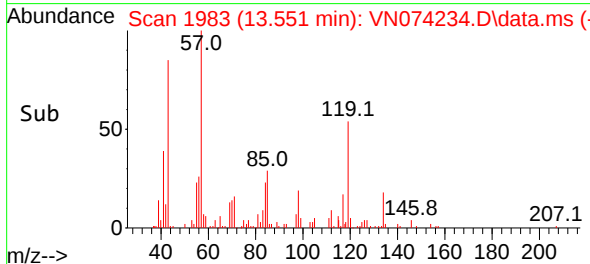
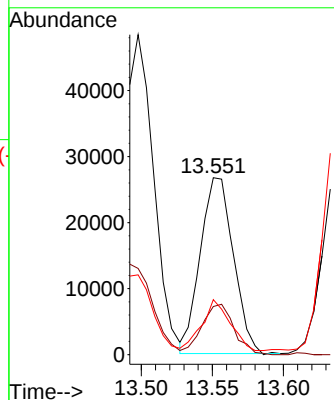
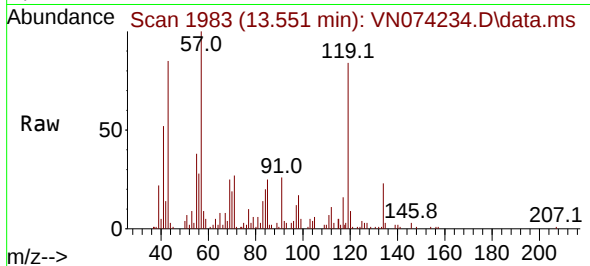




#86
p-Isopropyltoluene
Concen: 3.774 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.006 min
Lab File: VN074234.D
Acq: 01 Sep 2022 11:50

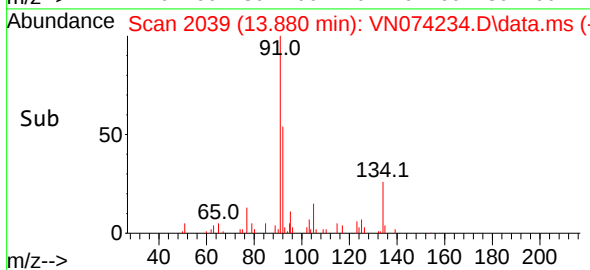
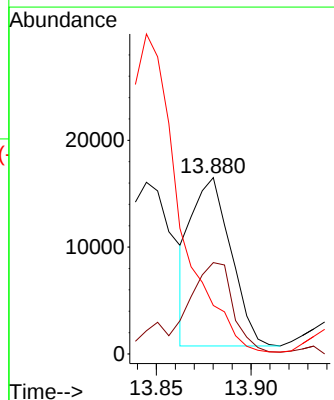
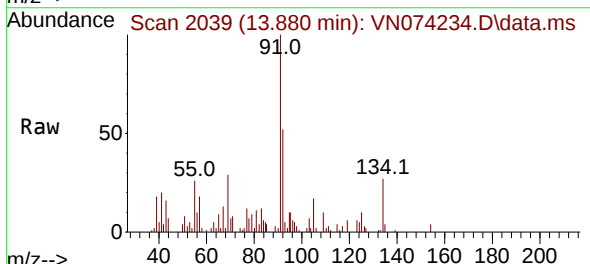
Instrument :
MSVOA_N
ClientSampleId :
AUD-1656-WATERDL

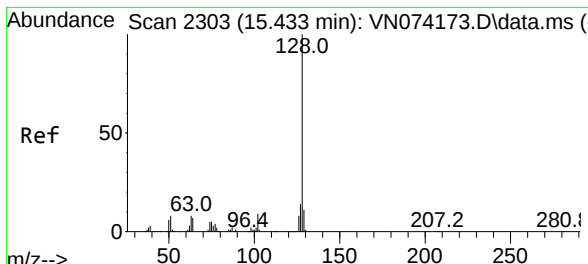
Tgt Ion:119 Resp: 43130
Ion Ratio Lower Upper
119 100
134 27.9 13.3 39.8
91 24.4 11.3 33.9



#89
n-Butylbenzene
Concen: 2.288 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VN074234.D
Acq: 01 Sep 2022 11:50

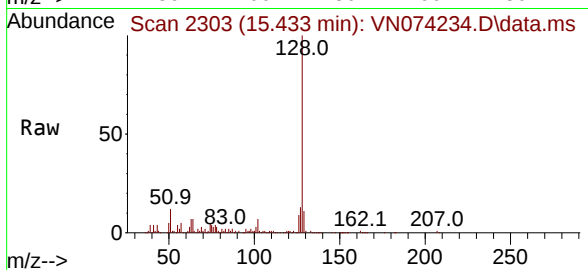
Tgt Ion: 91 Resp: 22776
Ion Ratio Lower Upper
91 100
92 66.7 26.9 80.7
134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 20.216 ug/l
RT: 15.433 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN074234.D
Acq: 01 Sep 2022 11:50

Instrument :
MSVOA_N
ClientSampleId :
AUD-1656-WATERDL



Tgt Ion:128 Resp: 260244
Ion Ratio Lower Upper
128 100
127 13.7 10.3 15.5
129 10.8 8.6 13.0

