

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061323\
 Data File : VN078181.D
 Acq On : 13 Jun 2023 13:12
 Operator : JC\MD
 Sample : 03170-03
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1971

Quant Time: Jun 14 02:18:05 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)

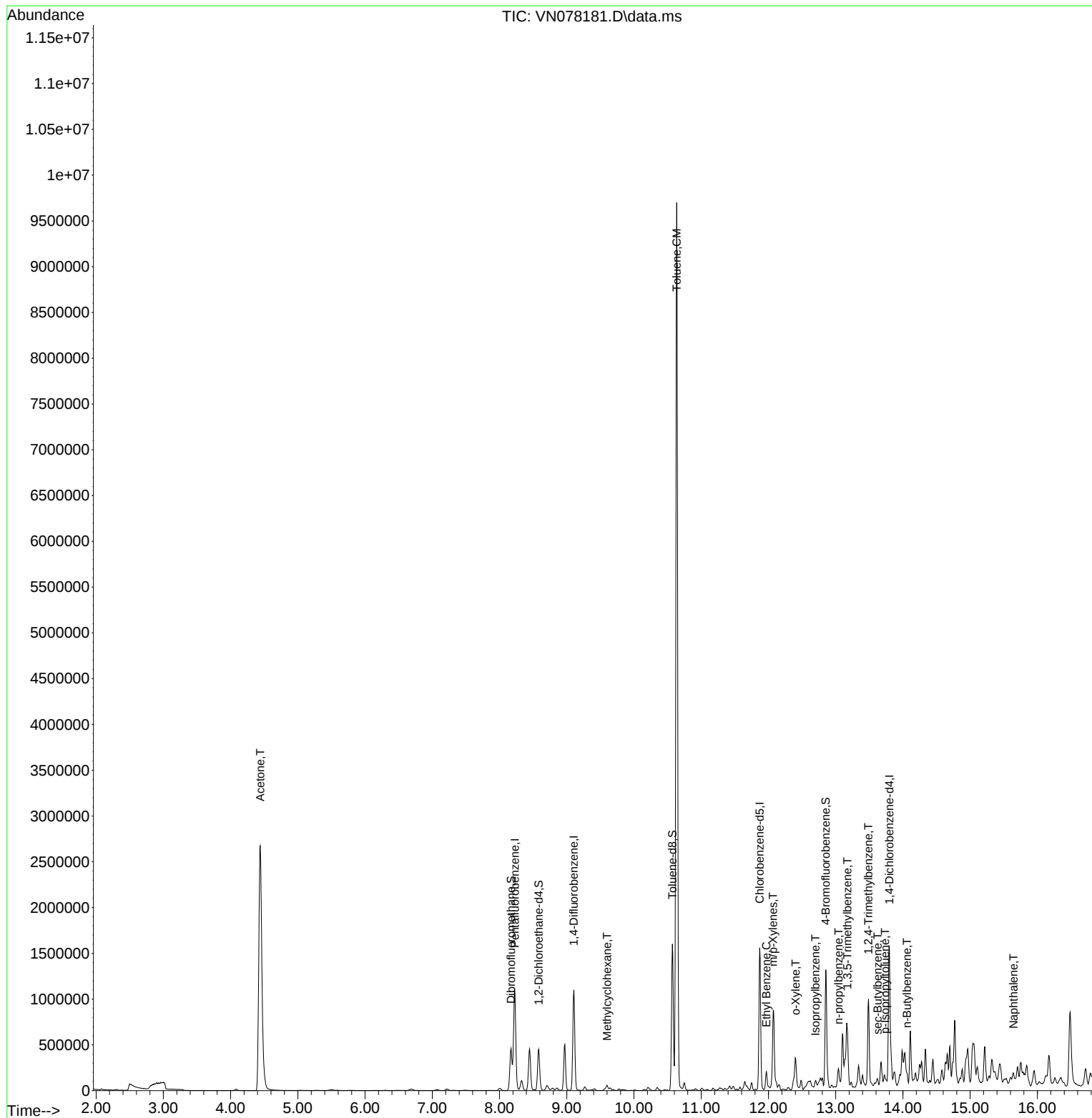
Internal Standards						
1) Pentafluorobenzene	8.230	168	541142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	988391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	911573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	401867	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	370042	51.287	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.580%	
35) Dibromofluoromethane	8.171	113	326355	52.221	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.440%	
50) Toluene-d8	10.571	98	1128459	46.839	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.680%	
62) 4-Bromofluorobenzene	12.853	95	446211	59.577	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 119.160%	
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	5434106	2616.620	ug/l	98
39) Methylcyclohexane	9.600	83	17649	1.900	ug/l #	87
52) Toluene	10.635	92	4283166	253.493	ug/l	97
67) Ethyl Benzene	11.970	91	144640	4.294	ug/l	100
68) m/p-Xylenes	12.070	106	195953	15.264	ug/l	96
69) o-Xylene	12.406	106	82484	6.543	ug/l	90
73) Isopropylbenzene	12.700	105	44286	1.165	ug/l	98
78) n-propylbenzene	13.041	91	162085	3.926	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	161040	5.234	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	560788	18.800	ug/l	98
85) sec-Butylbenzene	13.623	105	52676	1.505	ug/l	79
86) p-Isopropyltoluene	13.735	119	30436	1.071	ug/l	98
89) n-Butylbenzene	14.059	91	80279	3.583	ug/l #	83
95) Naphthalene	15.647	128	93403	5.344	ug/l #	95

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

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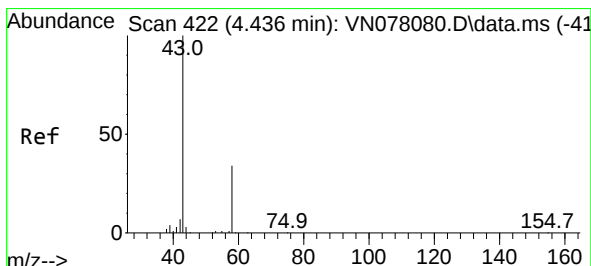
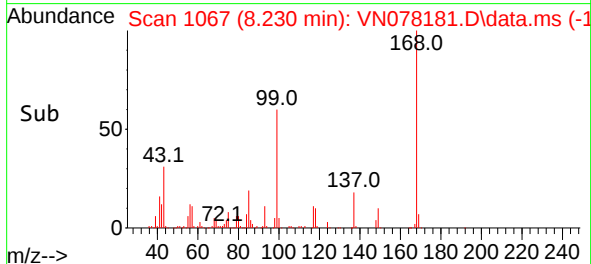
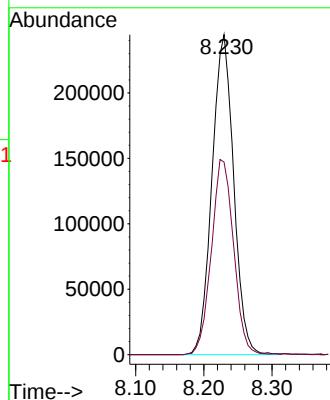
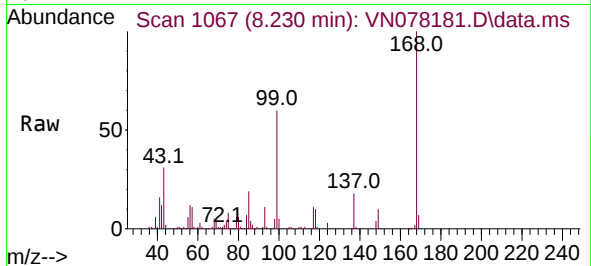




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

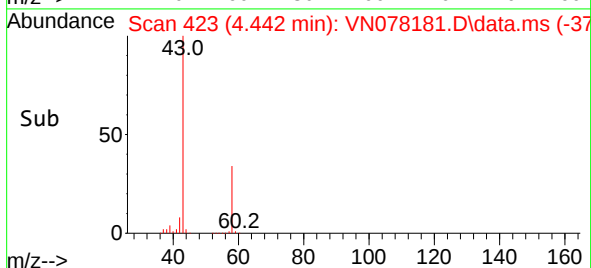
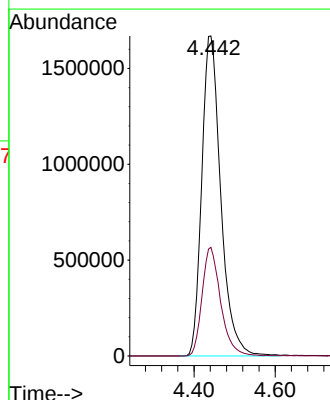
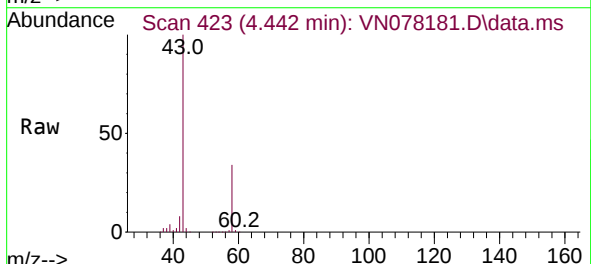
Instrument :
MSVOA_N
ClientSampleId :
AUD-1971

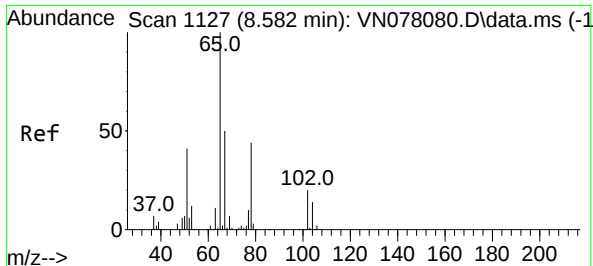
Tgt Ion:168 Resp: 541142
Ion Ratio Lower Upper
168 100
99 60.2 53.0 79.6



#16
Acetone
Concen: 2616.620 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

Tgt Ion: 43 Resp: 5434106
Ion Ratio Lower Upper
43 100
58 34.0 28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 51.287 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078181.D

Acq: 13 Jun 2023 13:12

Instrument :

MSVOA_N

ClientSampleId :

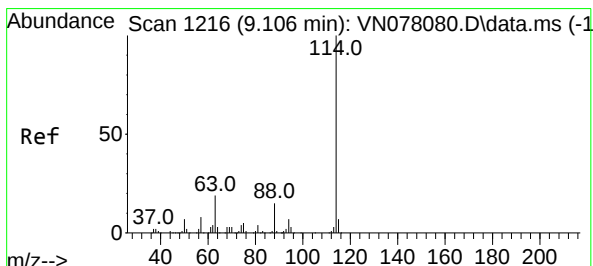
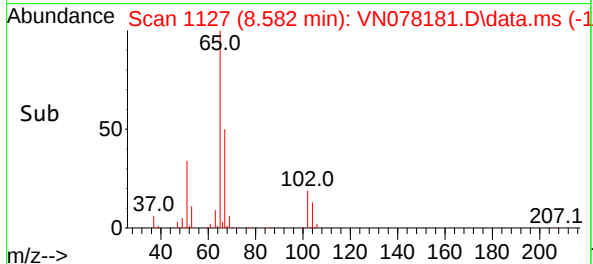
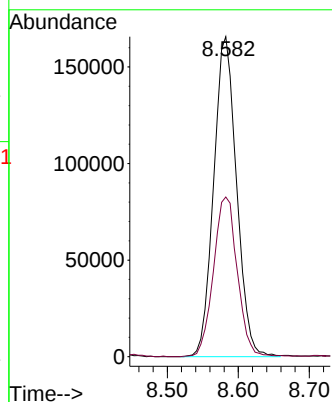
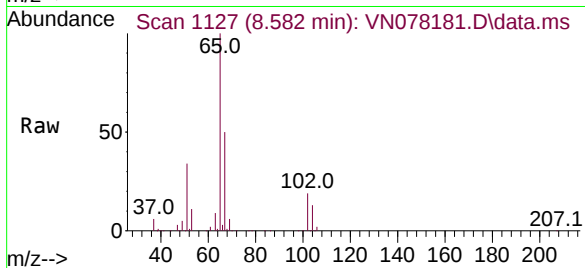
AUD-1971

Tgt Ion: 65 Resp: 370042

Ion Ratio Lower Upper

65 100

67 52.1 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: VN078181.D

Acq: 13 Jun 2023 13:12

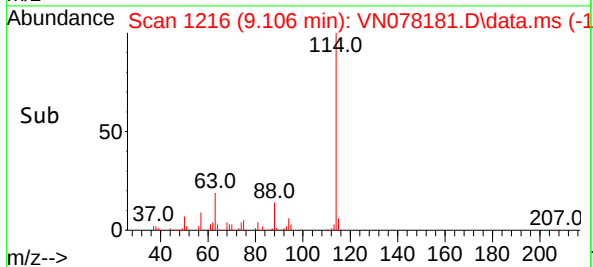
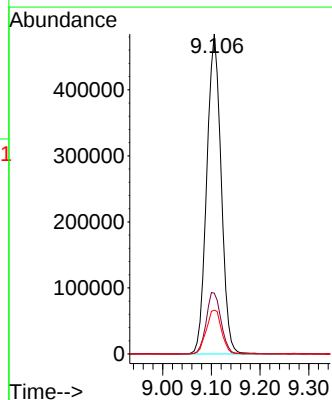
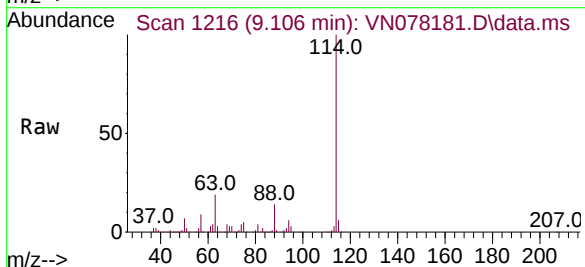
Tgt Ion: 114 Resp: 988391

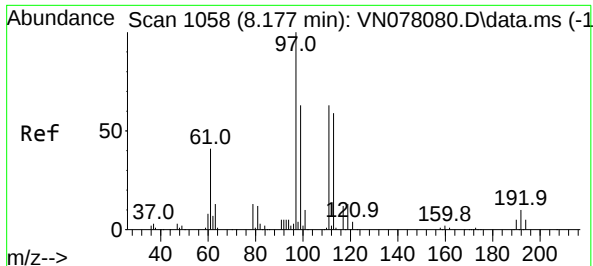
Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.4

88 13.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.221 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078181.D

Acq: 13 Jun 2023 13:12

Instrument :

MSVOA_N

ClientSampleId :

AUD-1971

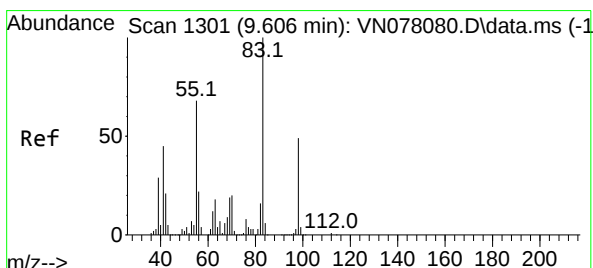
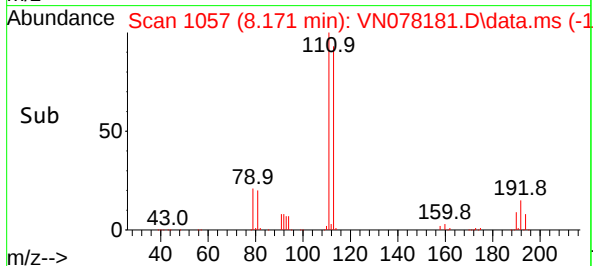
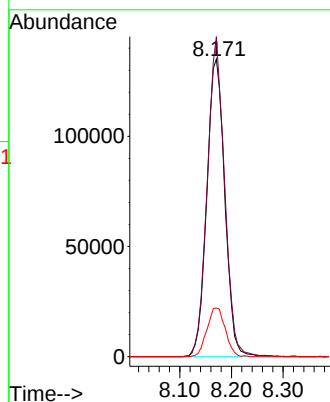
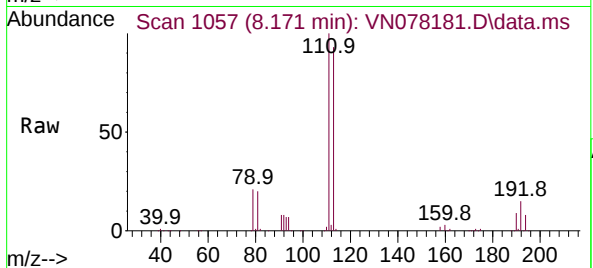
Tgt Ion:113 Resp: 326355

Ion Ratio Lower Upper

113 100

111 103.9 82.6 123.8

192 16.8 12.7 19.1



#39

Methylcyclohexane

Concen: 1.900 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.006 min

Lab File: VN078181.D

Acq: 13 Jun 2023 13:12

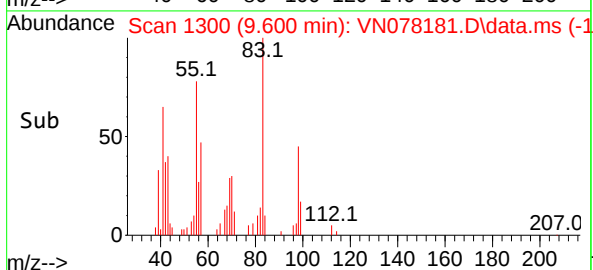
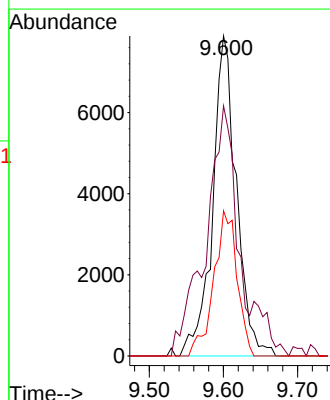
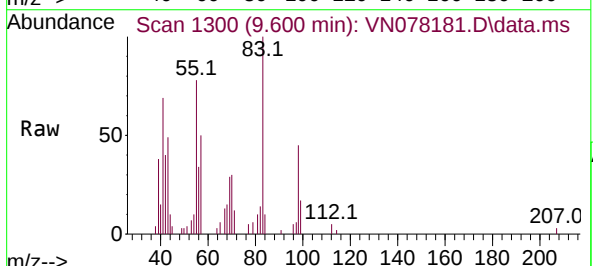
Tgt Ion: 83 Resp: 17649

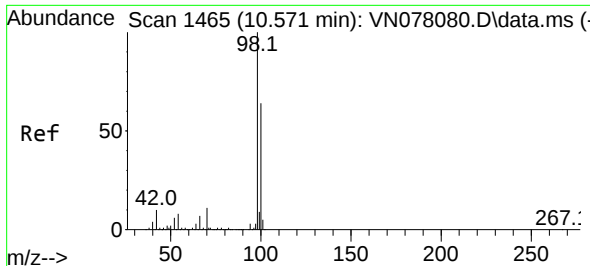
Ion Ratio Lower Upper

83 100

55 74.4 49.1 73.7#

98 45.4 40.6 61.0

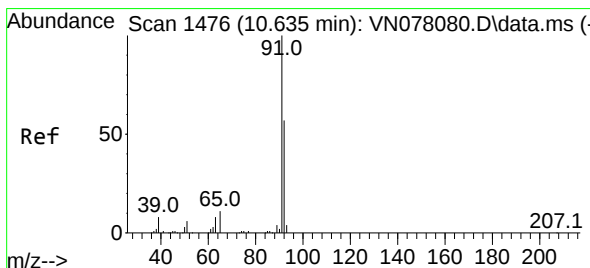
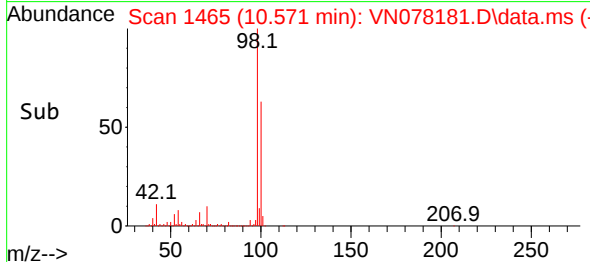
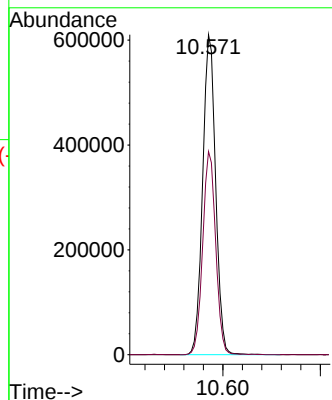
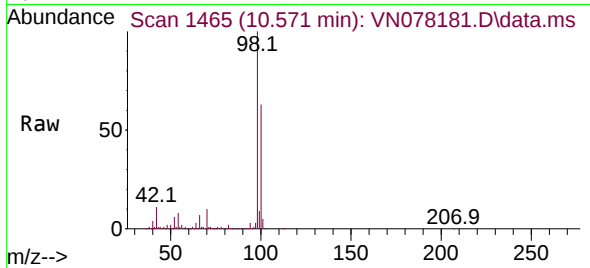




#50
Toluene-d8
Concen: 46.839 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

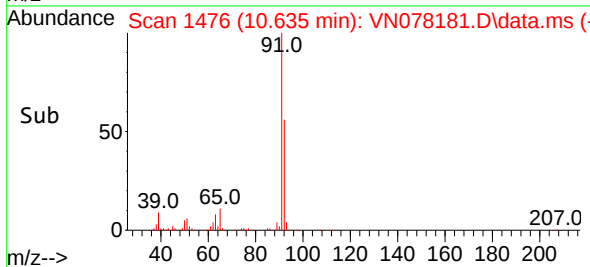
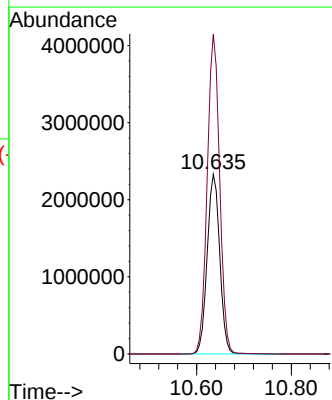
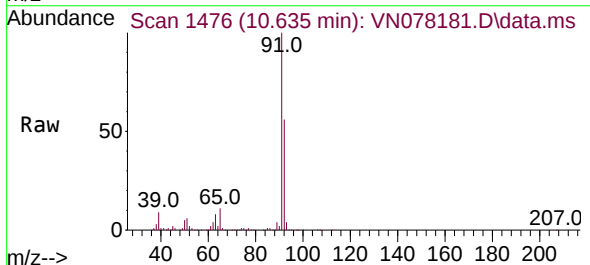
Instrument :
MSVOA_N
ClientSampleId :
AUD-1971

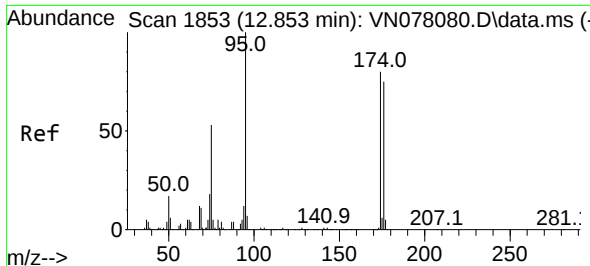
Tgt Ion: 98 Resp: 1128459
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#52
Toluene
Concen: 253.493 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

Tgt Ion: 92 Resp: 4283166
Ion Ratio Lower Upper
92 100
91 176.4 137.4 206.0

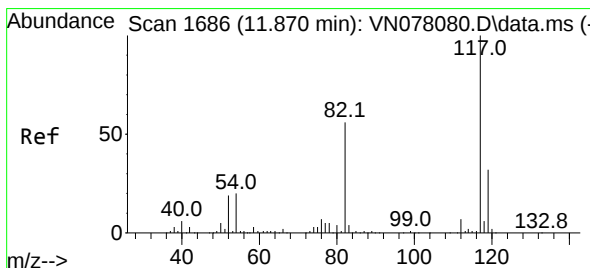
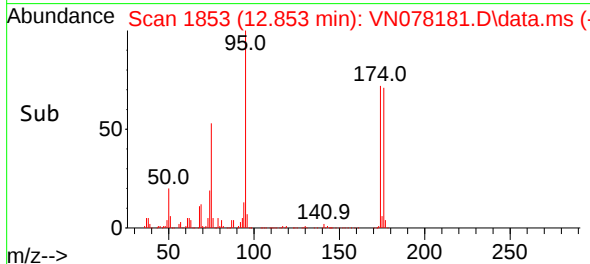
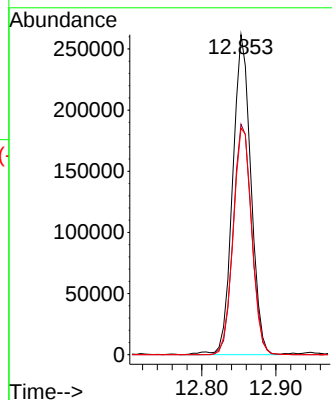
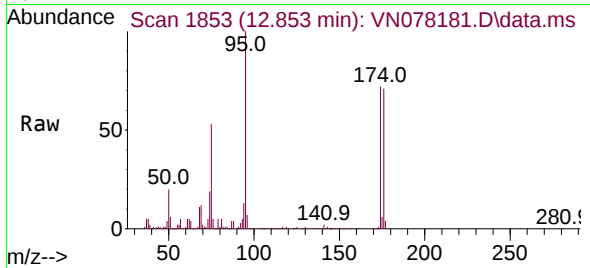




#62
4-Bromofluorobenzene
Concen: 59.577 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

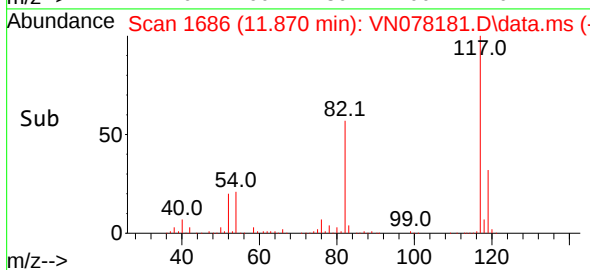
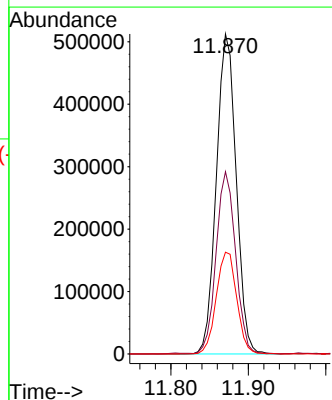
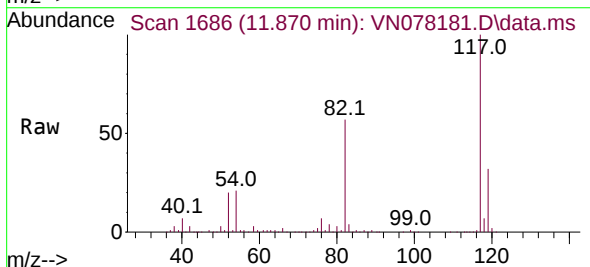
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MSVOA_N
ClientSampleId :
AUD-1971

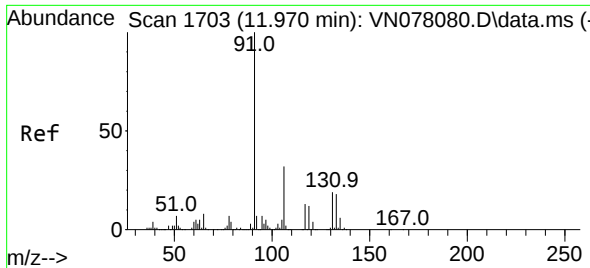
Tgt Ion: 95 Resp: 446211
Ion Ratio Lower Upper
95 100
174 72.6 0.0 143.8
176 71.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

Tgt Ion: 117 Resp: 911573
Ion Ratio Lower Upper
117 100
82 56.9 44.0 66.0
119 31.8 25.6 38.4

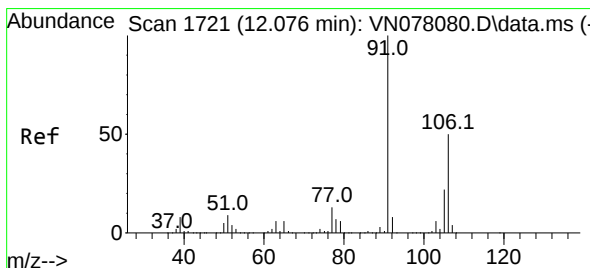
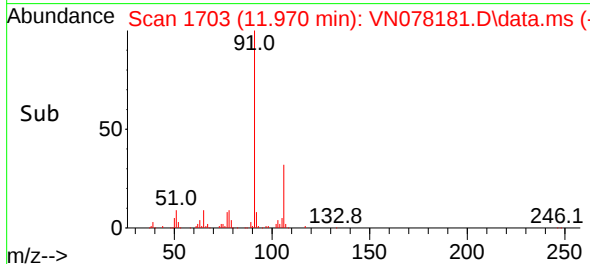
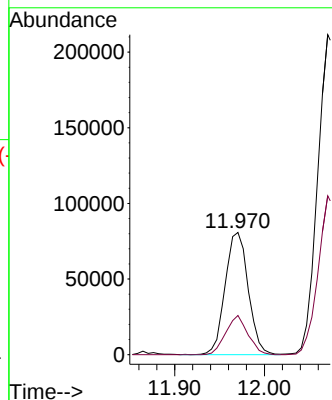
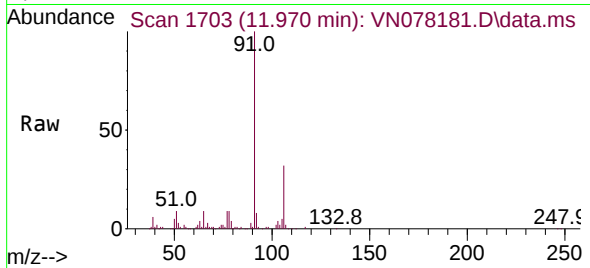




#67
Ethyl Benzene
Concen: 4.294 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

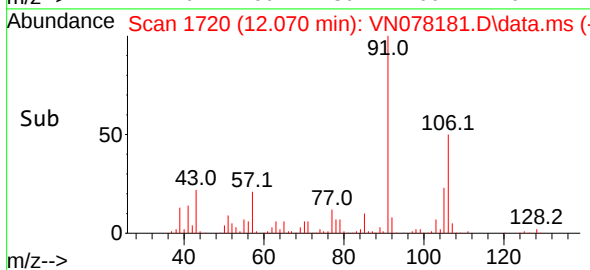
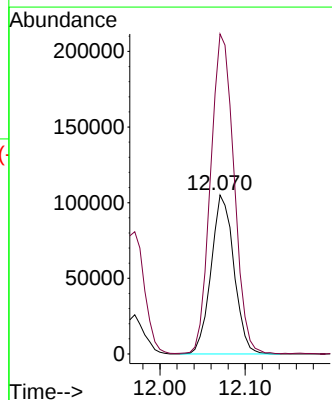
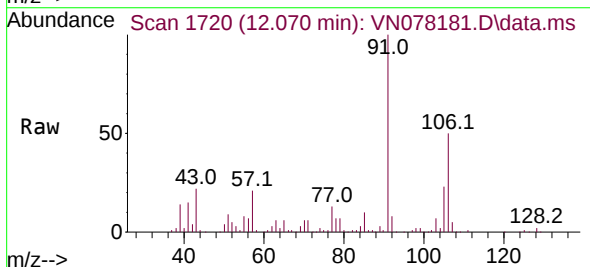
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AUD-1971

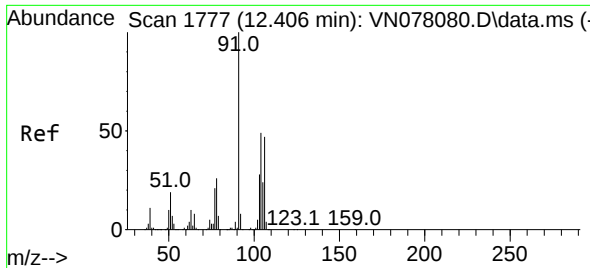
Tgt Ion: 91 Resp: 144640
Ion Ratio Lower Upper
91 100
106 32.1 25.6 38.4



#68
m/p-Xylenes
Concen: 15.264 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

Tgt Ion: 106 Resp: 195953
Ion Ratio Lower Upper
106 100
91 206.2 159.6 239.4

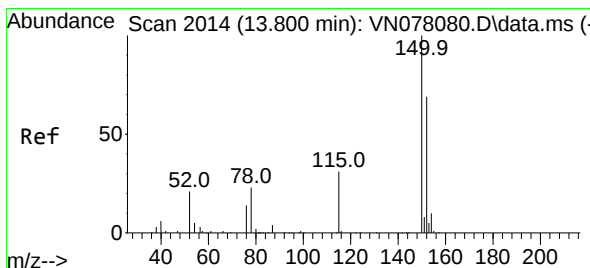
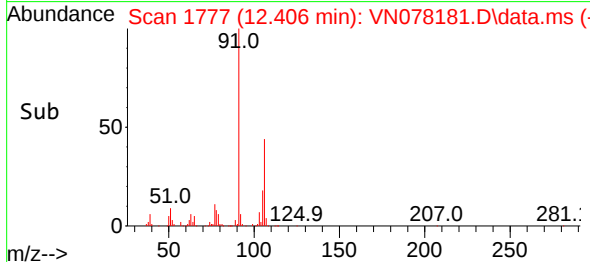
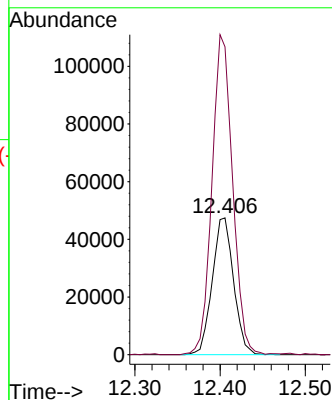
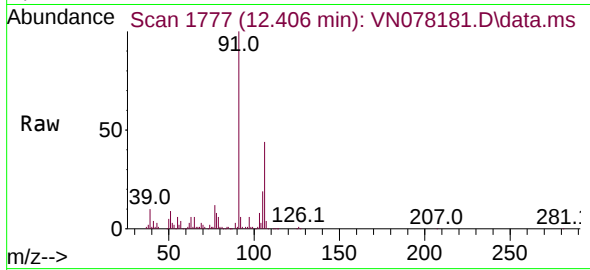




#69
o-Xylene
Concen: 6.543 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

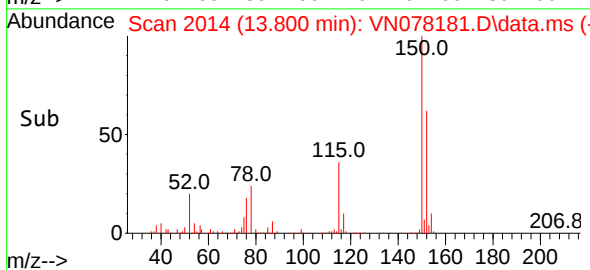
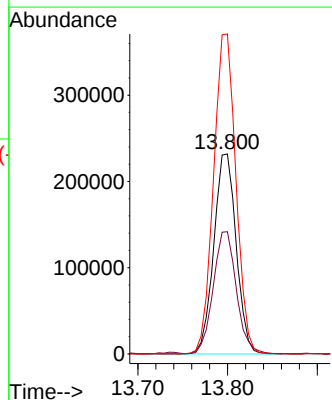
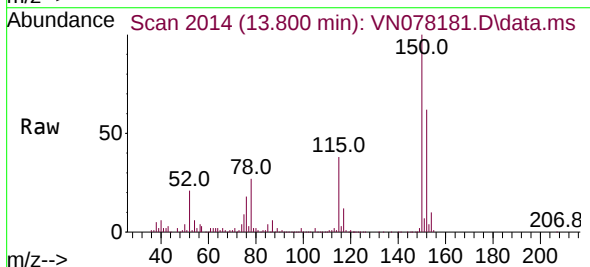
Instrument :
MSVOA_N
ClientSampleId :
AUD-1971

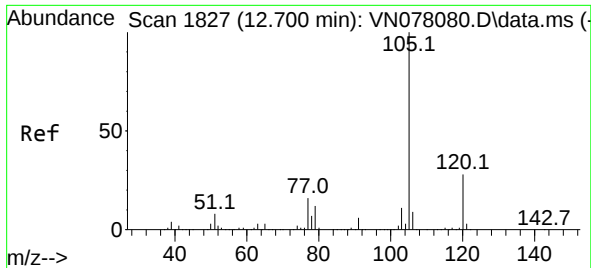
Tgt Ion:106 Resp: 82484
Ion Ratio Lower Upper
106 100
91 226.3 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

Tgt Ion:152 Resp: 401867
Ion Ratio Lower Upper
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115 63.0 32.3 96.8
150 159.7 0.0 355.8

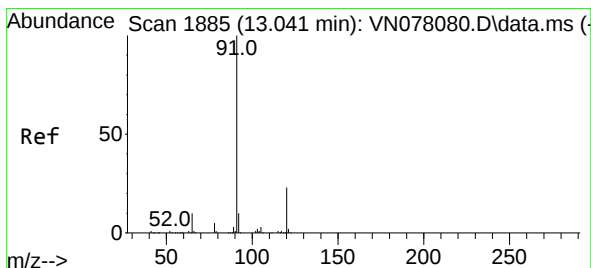
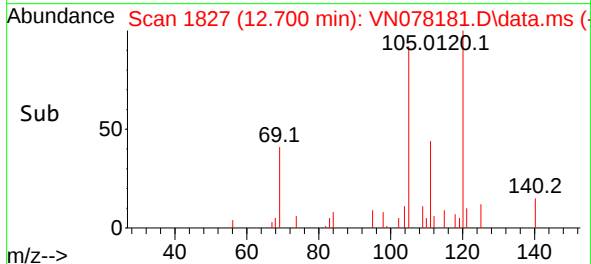
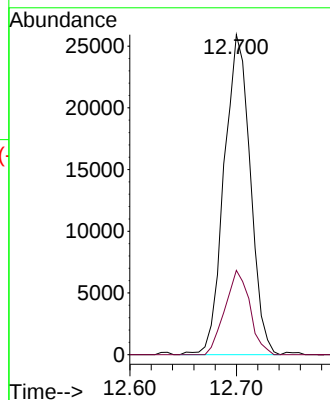
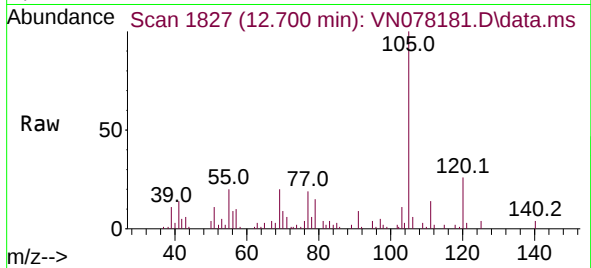




#73
Isopropylbenzene
Concen: 1.165 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

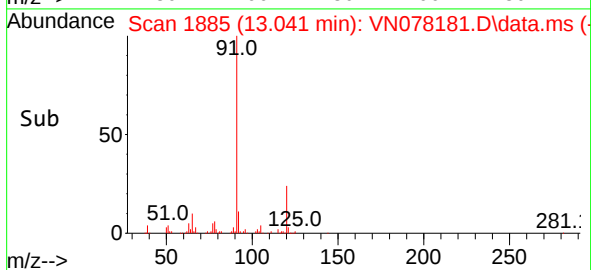
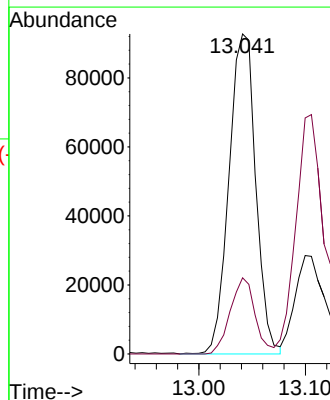
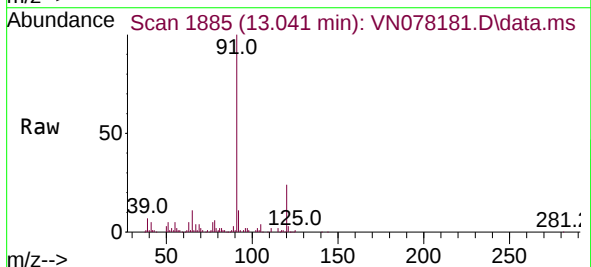
Instrument :
MSVOA_N
ClientSampleId :
AUD-1971

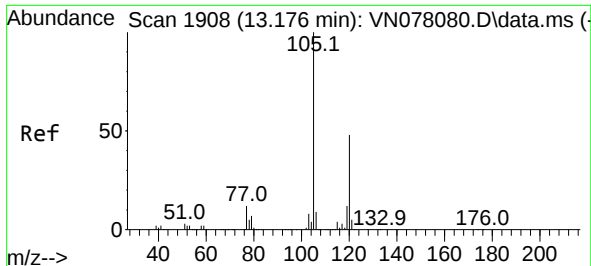
Tgt Ion:105 Resp: 44286
Ion Ratio Lower Upper
105 100
120 25.0 13.1 39.1



#78
n-propylbenzene
Concen: 3.926 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

Tgt Ion: 91 Resp: 162085
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.4

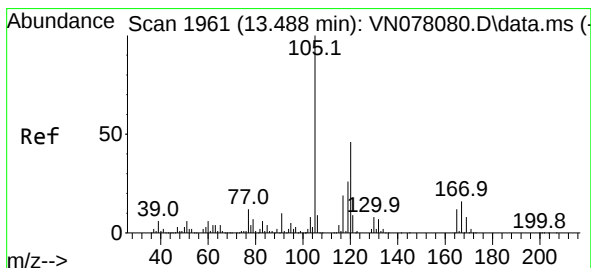
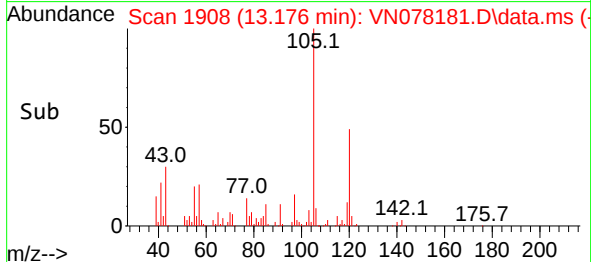
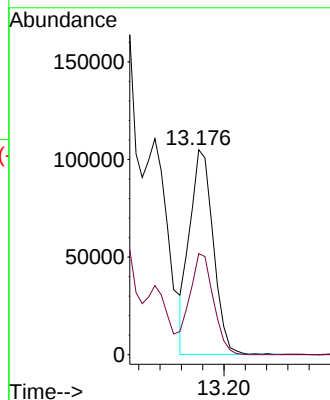
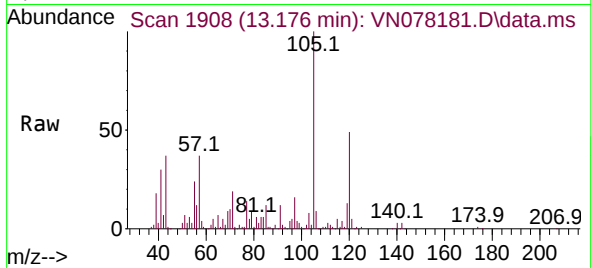




#80
1,3,5-Trimethylbenzene
Concen: 5.234 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

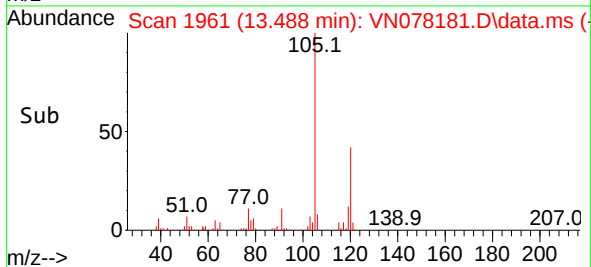
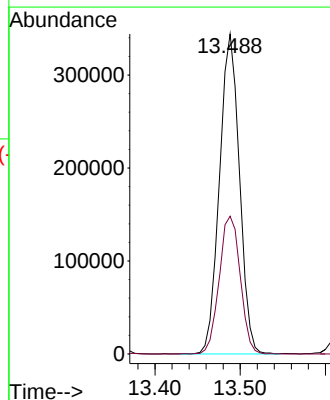
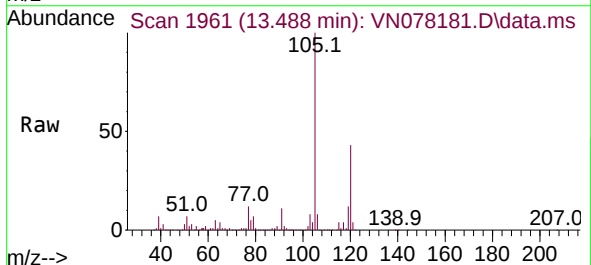
Instrument :
MSVOA_N
ClientSampleId :
AUD-1971

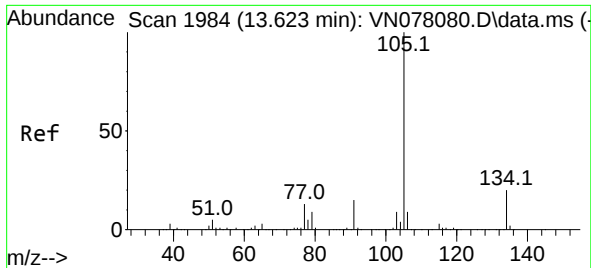
Tgt Ion:105 Resp: 161040
Ion Ratio Lower Upper
105 100
120 51.5 24.1 72.3



#84
1,2,4-Trimethylbenzene
Concen: 18.800 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

Tgt Ion:105 Resp: 560788
Ion Ratio Lower Upper
105 100
120 45.3 22.0 66.0

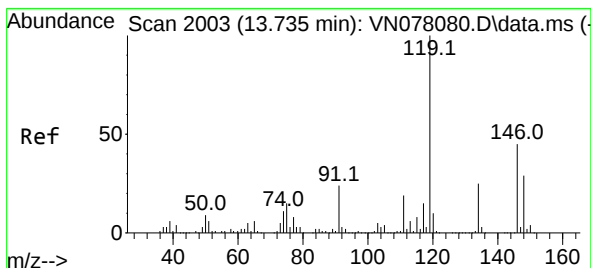
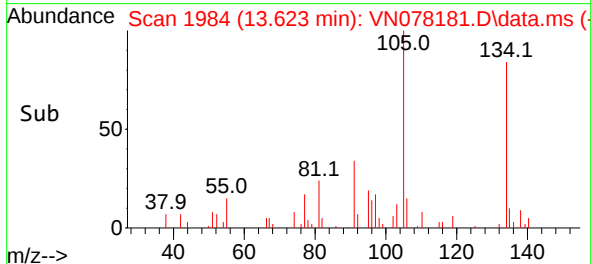
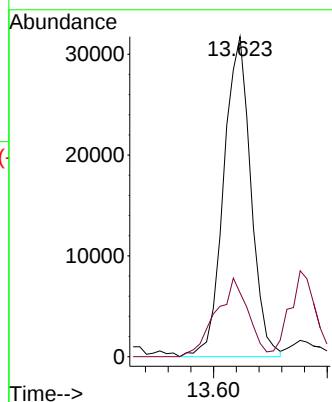
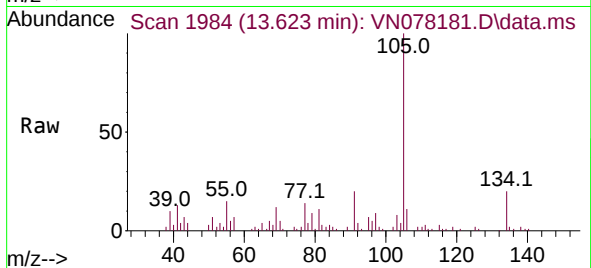




#85
 sec-Butylbenzene
 Concen: 1.505 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN078181.D
 Acq: 13 Jun 2023 13:12

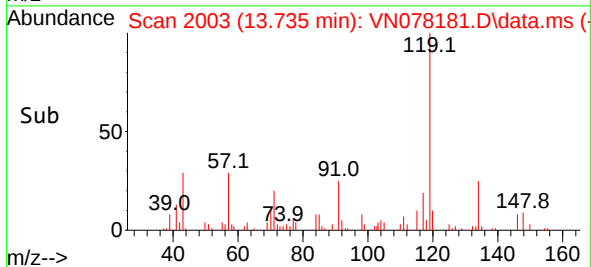
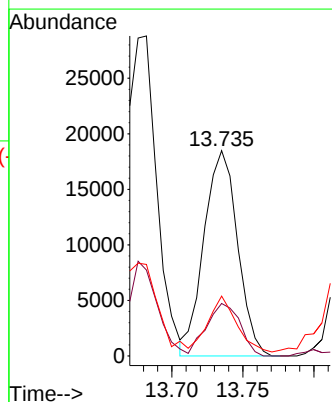
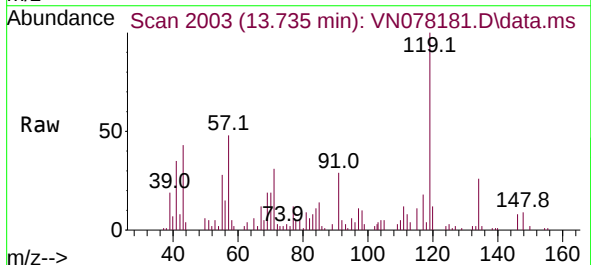
Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1971

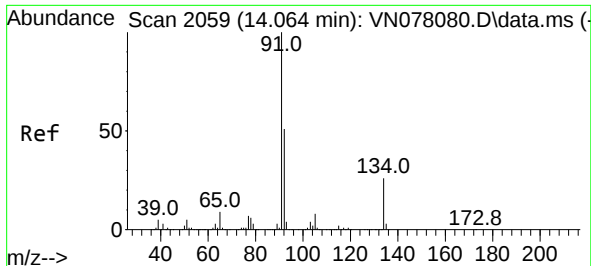
Tgt Ion:105 Resp: 52676
 Ion Ratio Lower Upper
 105 100
 134 29.1 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 1.071 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078181.D
 Acq: 13 Jun 2023 13:12

Tgt Ion:119 Resp: 30436
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 22.9 12.4 37.2

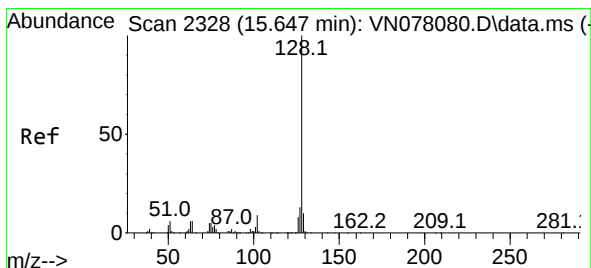
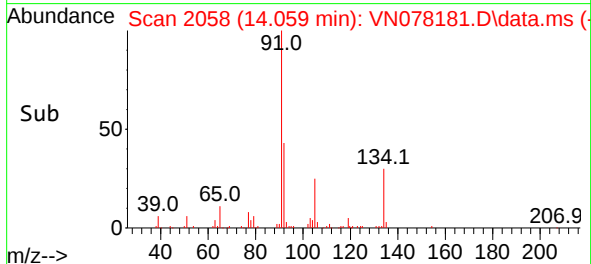
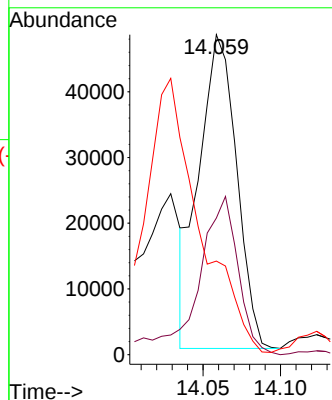
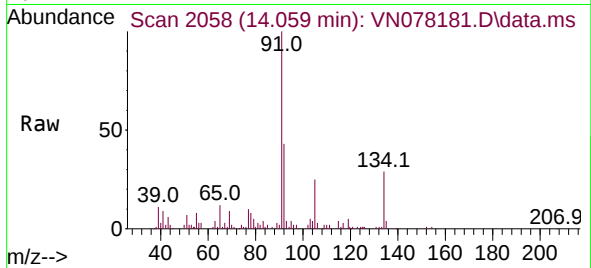




#89
n-Butylbenzene
Concen: 3.583 ug/l
RT: 14.059 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

Instrument :
MSVOA_N
ClientSampleId :
AUD-1971

Tgt Ion: 91 Resp: 80279
Ion Ratio Lower Upper
91 100
92 51.5 26.4 79.0
134 0.0 12.6 37.6#



#95
Naphthalene
Concen: 5.344 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

Tgt Ion:128 Resp: 93403
Ion Ratio Lower Upper
128 100
127 15.5 10.0 15.0#
129 9.7 8.7 13.1

