

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050323\
 Data File : VN077572.D
 Acq On : 03 May 2023 18:59
 Operator : JC\MD
 Sample : 02566-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1992

Quant Time: May 04 04:56:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

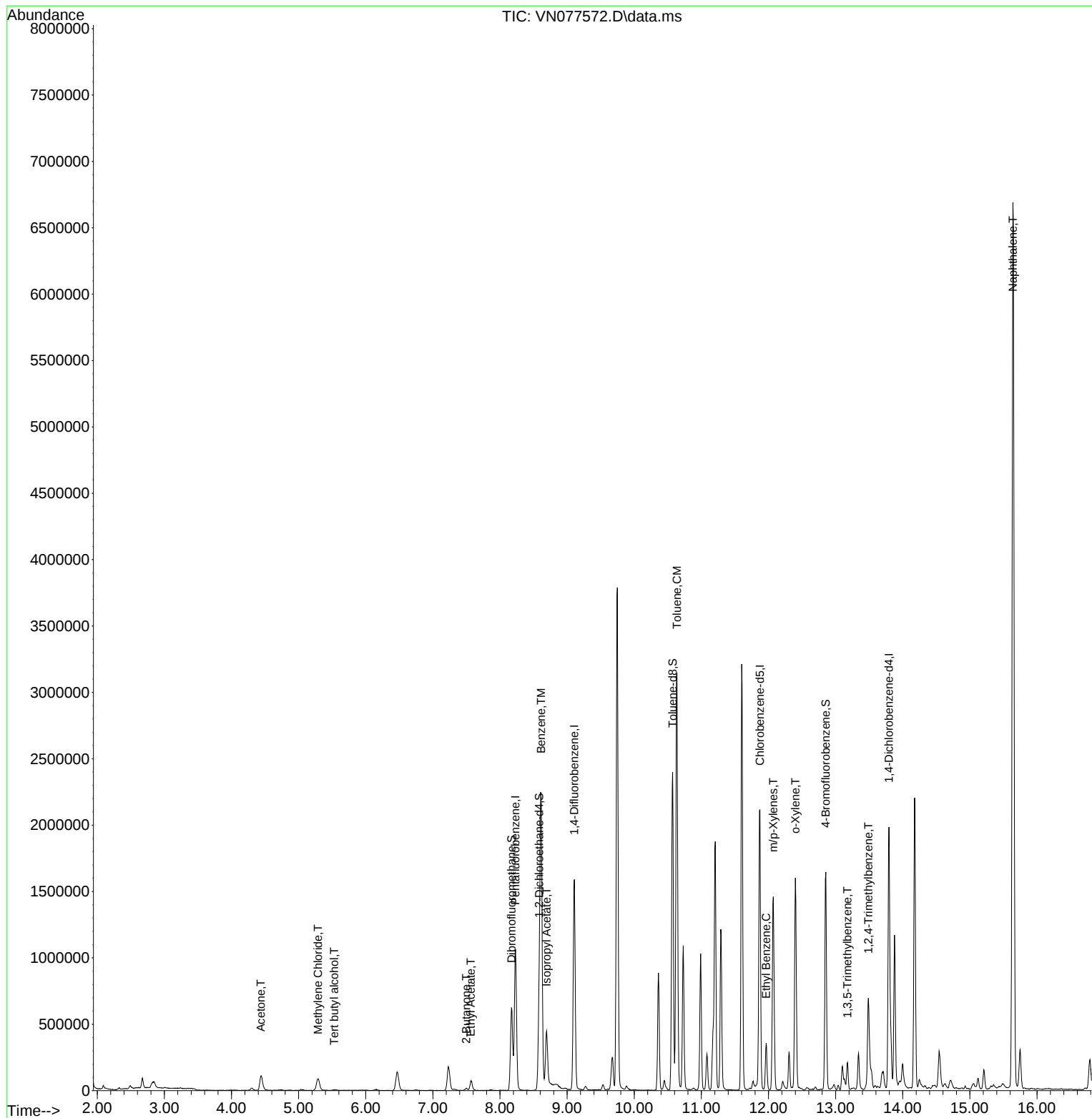
Internal Standards						
1) Pentafluorobenzene	8.230	168	755438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1463405	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1343281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	532352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	498777	50.598	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.200%			
35) Dibromofluoromethane	8.172	113	450001	51.162	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.320%			
50) Toluene-d8	10.571	98	1773945	52.623	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.240%			
62) 4-Bromofluorobenzene	12.854	95	599522	54.358	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.720%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.531	59	11696	7.391	ug/l #	84
16) Acetone	4.437	43	210417	67.095	ug/l	98
20) Methylene Chloride	5.289	84	85168	8.563	ug/l #	85
25) 2-Butanone	7.495	43	23649	5.317	ug/l	90
37) Ethyl Acetate	7.566	43	98329	10.183	ug/l	95
40) Benzene	8.613	78	2390913	61.763	ug/l	99
43) Isopropyl Acetate	8.695	43	529981	31.726	ug/l #	84
52) Toluene	10.636	92	1530699	60.359	ug/l	100
67) Ethyl Benzene	11.966	91	238978	4.776	ug/l	98
68) m/p-Xylenes	12.071	106	499382	25.678	ug/l	100
69) o-Xylene	12.401	106	462482	24.177	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	118565	3.232	ug/l	95
84) 1,2,4-Trimethylbenzene	13.489	105	467726	13.652	ug/l	89
95) Naphthalene	15.642	128	6723459	153.933	ug/l	100

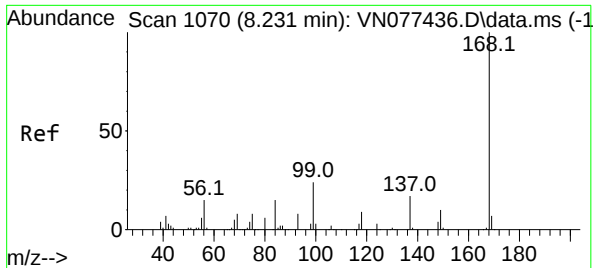
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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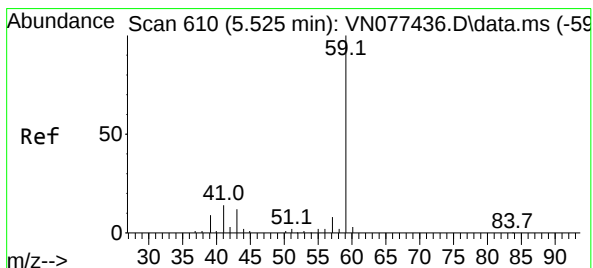
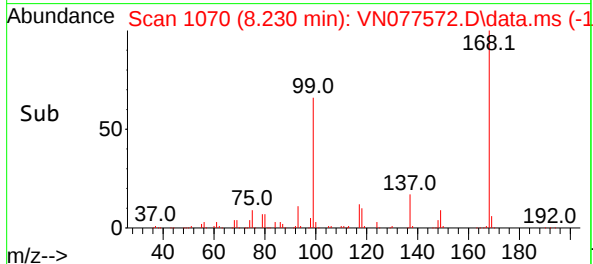
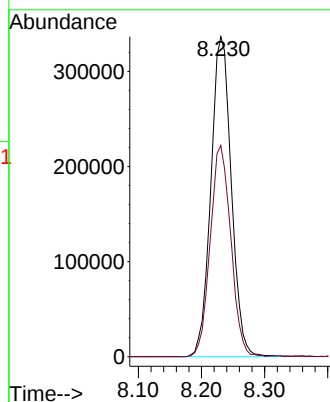
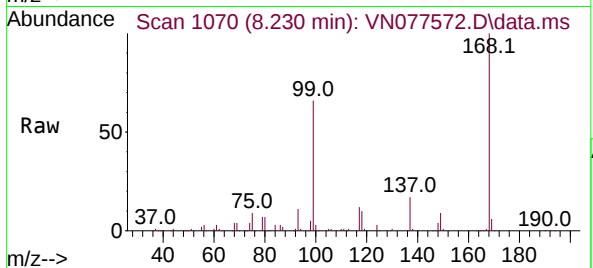




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

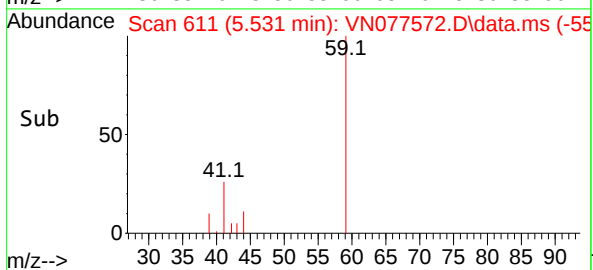
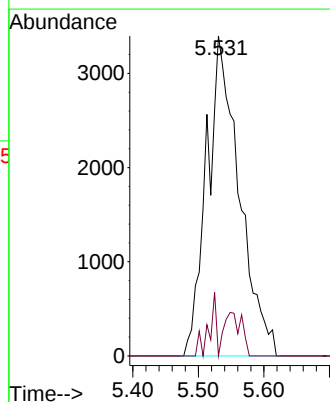
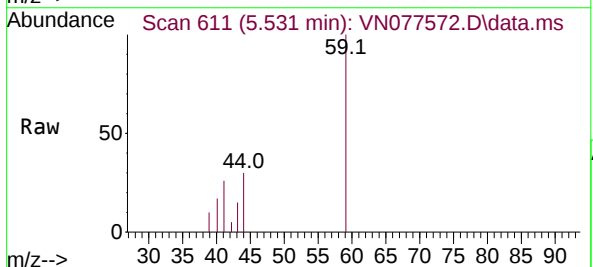
Instrument :
MSVOA_N
ClientSampleId :
AUD-1992

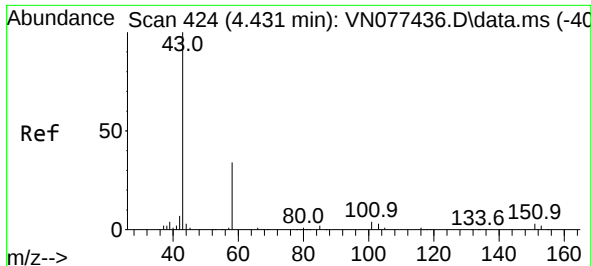
Tgt Ion:168 Resp: 755438
Ion Ratio Lower Upper
168 100
99 66.0 53.0 79.6



#11
Tert butyl alcohol
Concen: 7.391 ug/l
RT: 5.531 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

Tgt Ion: 59 Resp: 11696
Ion Ratio Lower Upper
59 100
57 4.4 8.2 12.4#

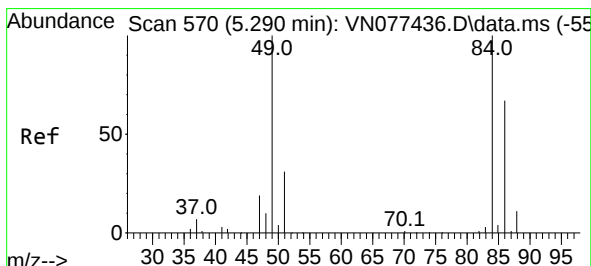
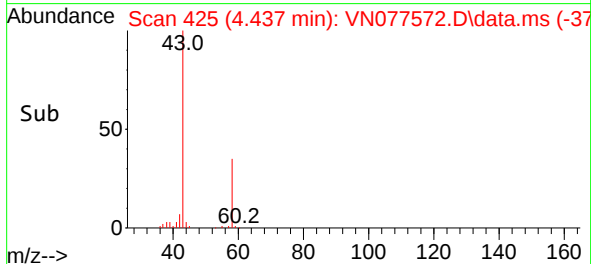
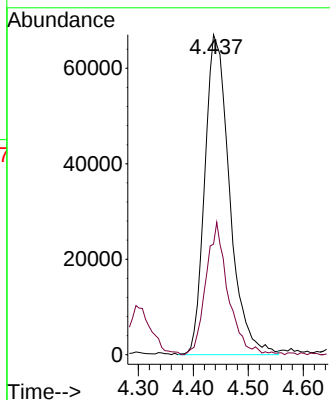
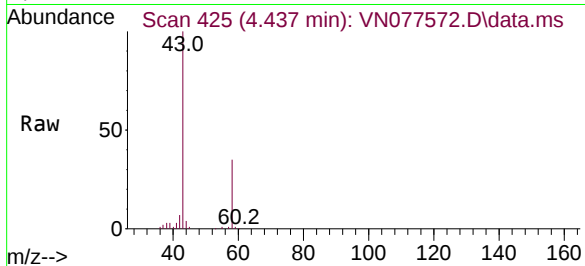




#16
Acetone
Concen: 67.095 ug/l
RT: 4.437 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

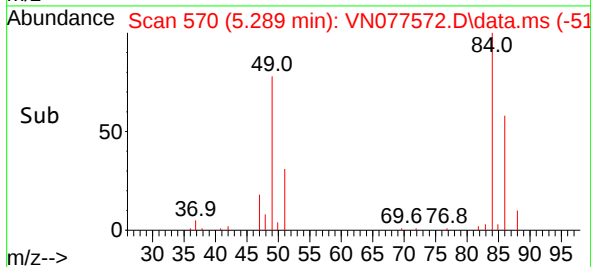
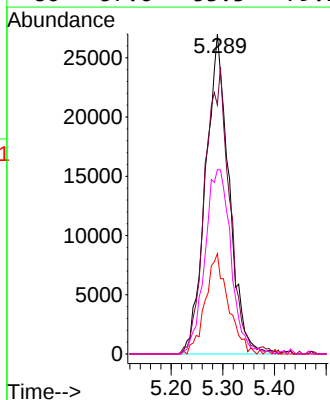
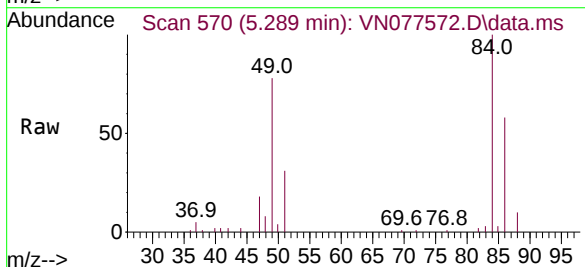
Instrument :
MSVOA_N
ClientSampleId :
AUD-1992

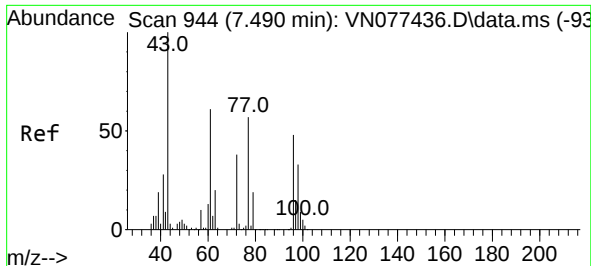
Tgt Ion: 43 Resp: 210417
Ion Ratio Lower Upper
43 100
58 34.0 28.0 42.0



#20
Methylene Chloride
Concen: 8.563 ug/l
RT: 5.289 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

Tgt Ion: 84 Resp: 85168
Ion Ratio Lower Upper
84 100
49 77.8 79.7 119.5#
51 31.3 25.2 37.8
86 57.6 53.3 79.9

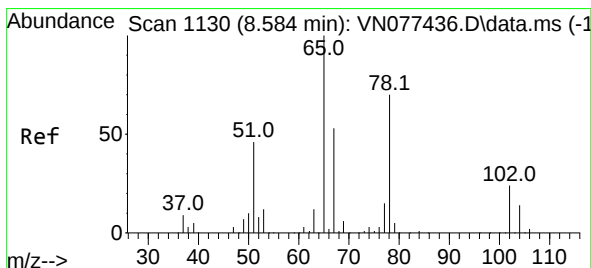
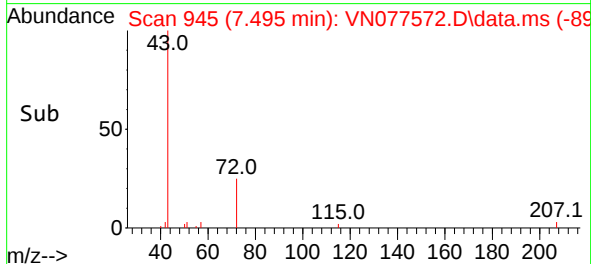
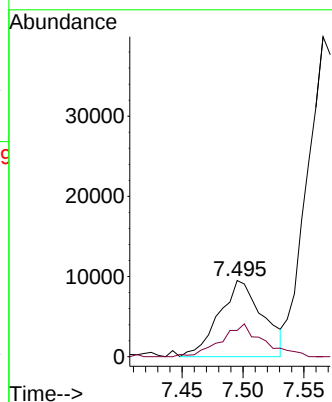
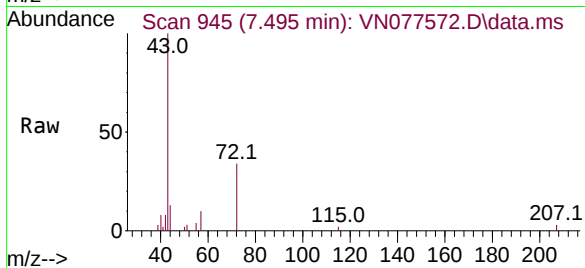




#25
2-Butanone
Concen: 5.317 ug/l
RT: 7.495 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

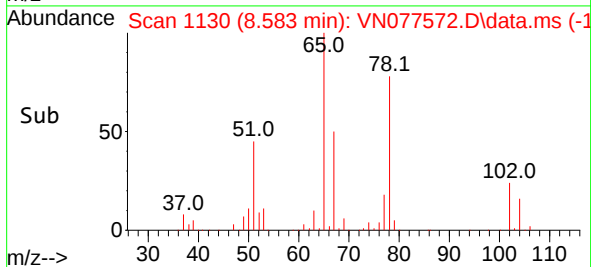
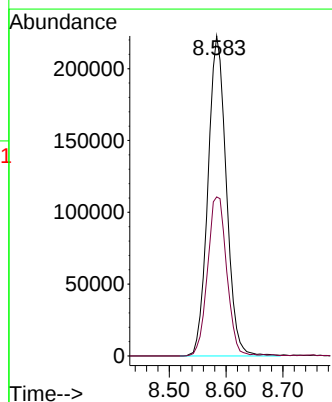
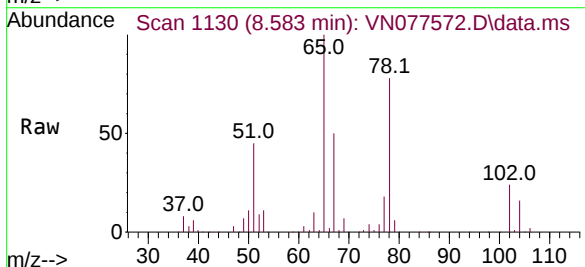
Instrument :
MSVOA_N
ClientSampleId :
AUD-1992

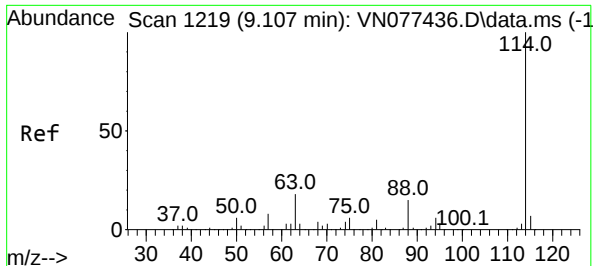
Tgt Ion: 43 Resp: 23649
Ion Ratio Lower Upper
43 100
72 31.6 30.2 45.2



#33
1,2-Dichloroethane-d4
Concen: 50.598 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

Tgt Ion: 65 Resp: 498777
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077572.D

Acq: 03 May 2023 18:59

Instrument :

MSVOA_N

ClientSampleId :

AUD-1992

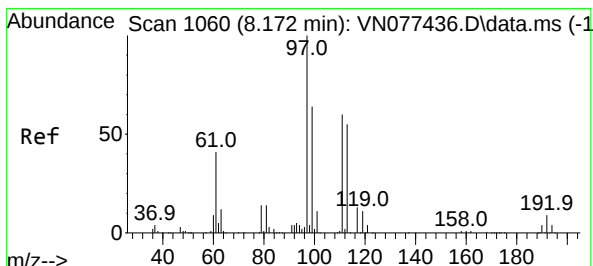
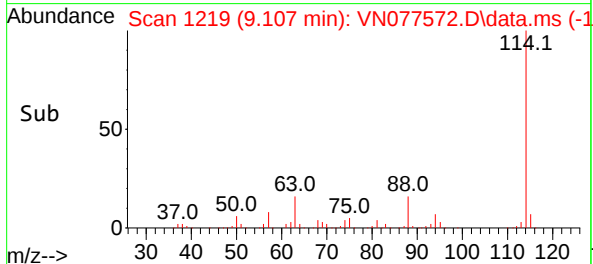
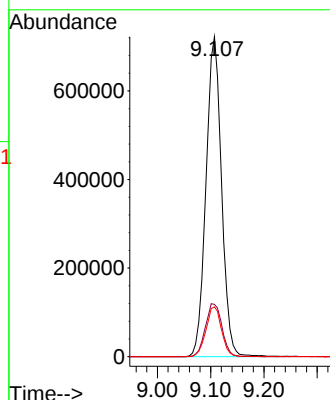
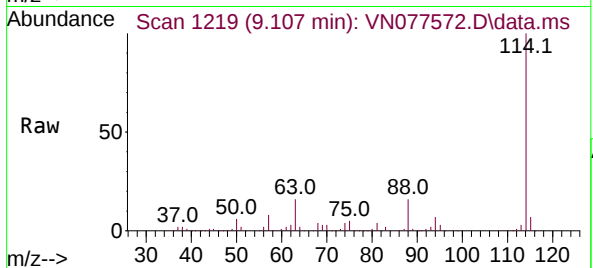
Tgt Ion:114 Resp: 1463405

Ion Ratio Lower Upper

114 100

63 16.4 0.0 36.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.162 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077572.D

Acq: 03 May 2023 18:59

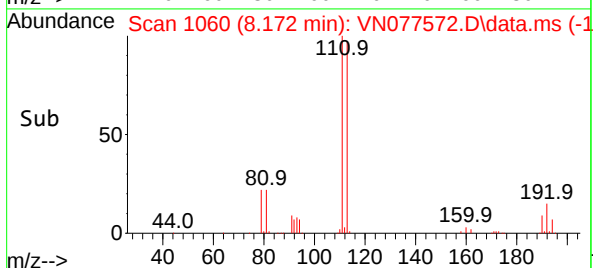
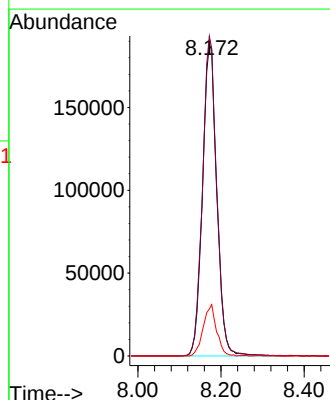
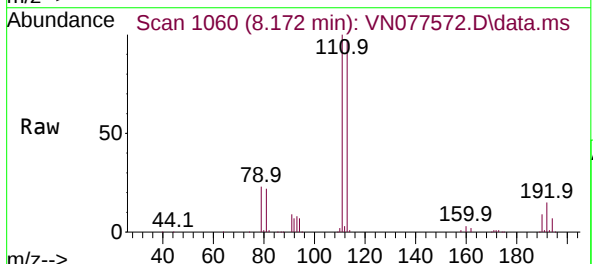
Tgt Ion:113 Resp: 450001

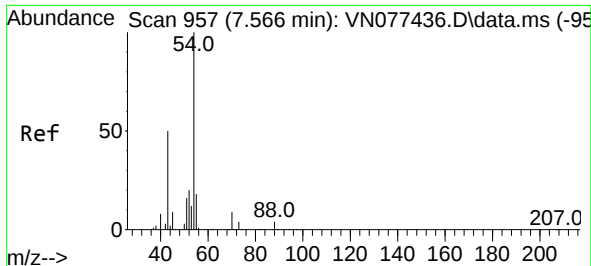
Ion Ratio Lower Upper

113 100

111 101.8 82.6 123.8

192 15.3 12.7 19.1

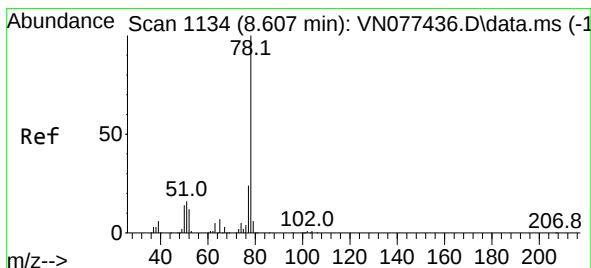
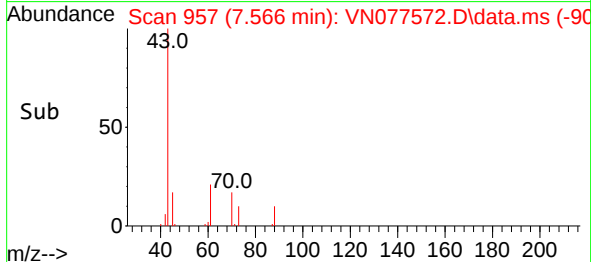
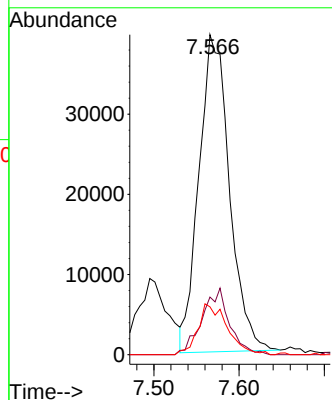
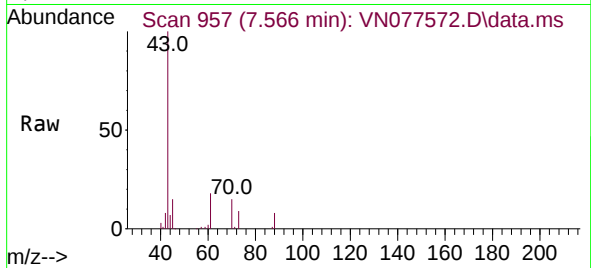




#37
Ethyl Acetate
Concen: 10.183 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

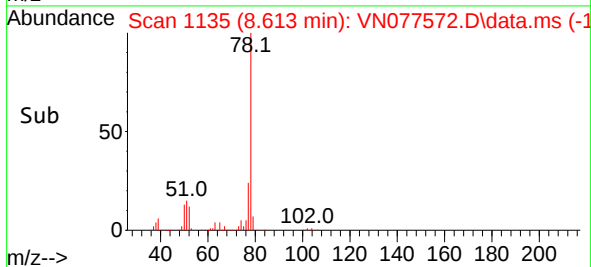
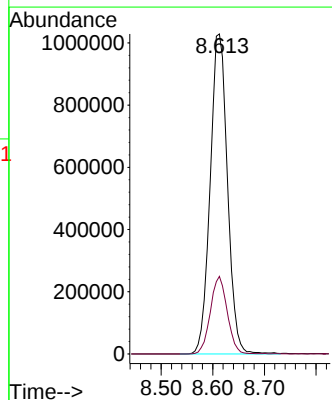
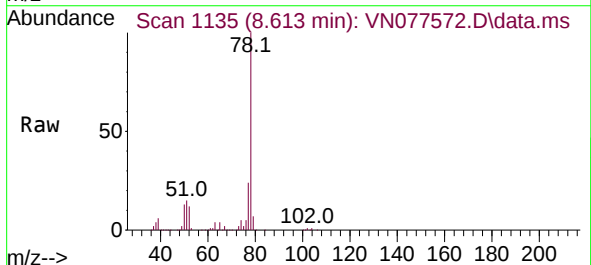
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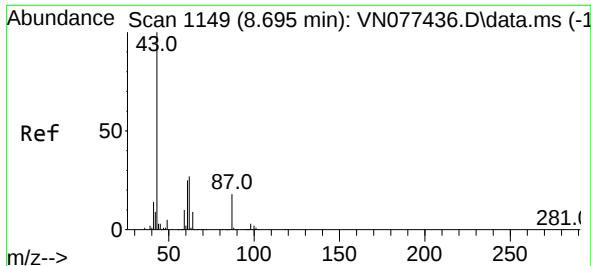
Tgt Ion: 43 Resp: 98329
Ion Ratio Lower Upper
43 100
61 18.9 13.2 19.8
70 15.5 11.3 16.9



#40
Benzene
Concen: 61.763 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

Tgt Ion: 78 Resp: 2390913
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6





#43

Isopropyl Acetate

Concen: 31.726 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VN077572.D

Acq: 03 May 2023 18:59

Instrument :

MSVOA_N

ClientSampleId :

AUD-1992

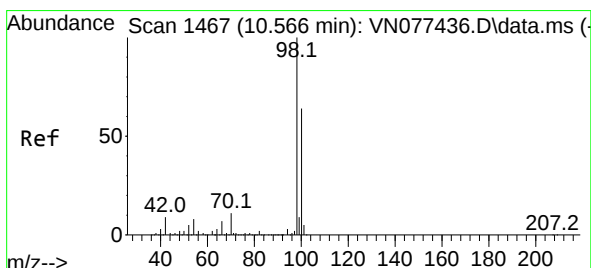
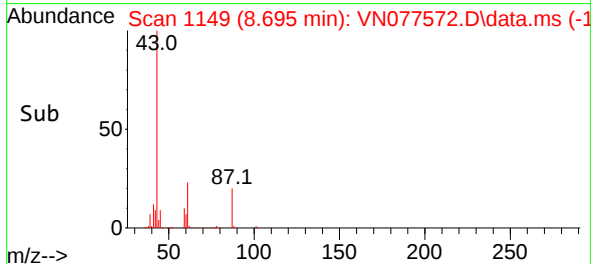
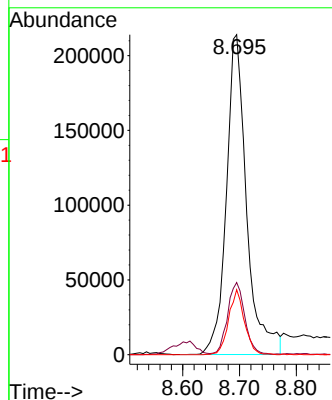
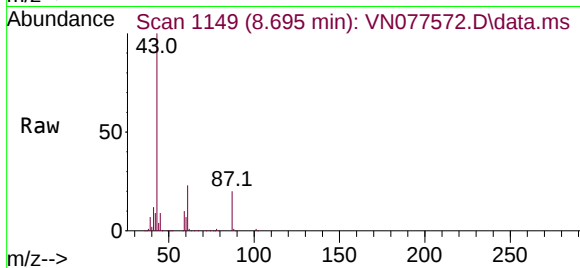
Tgt Ion: 43 Resp: 529981

Ion Ratio Lower Upper

43 100

61 19.0 24.7 37.1#

87 15.9 14.6 21.8



#50

Toluene-d8

Concen: 52.623 ug/l

RT: 10.571 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077572.D

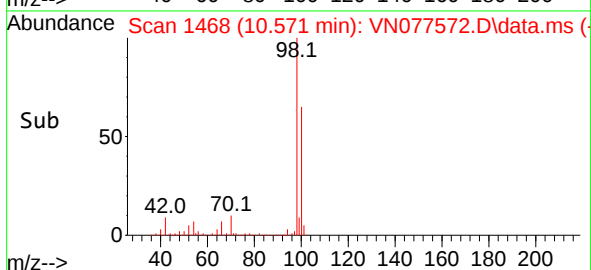
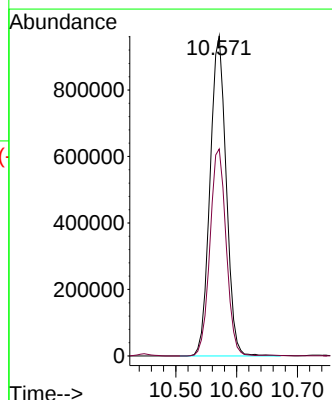
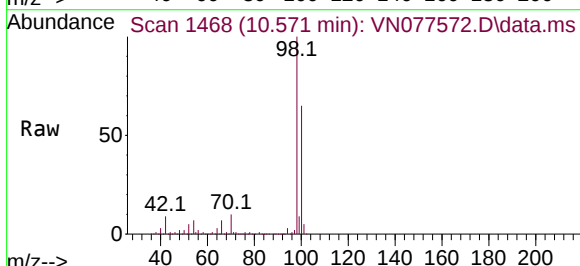
Acq: 03 May 2023 18:59

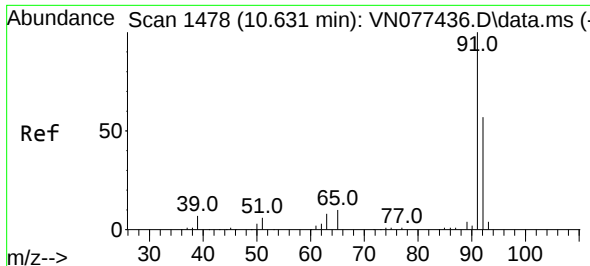
Tgt Ion: 98 Resp: 1773945

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0

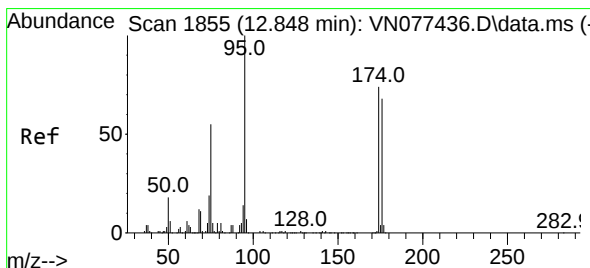
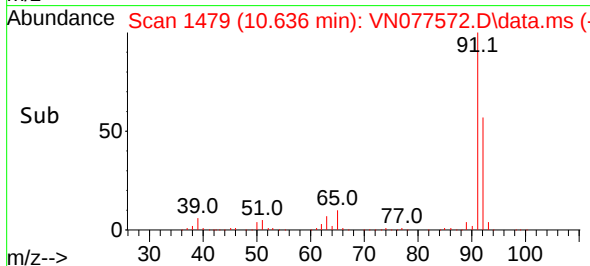
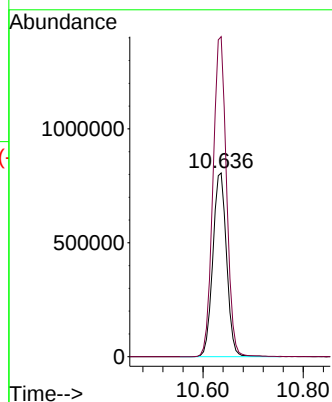
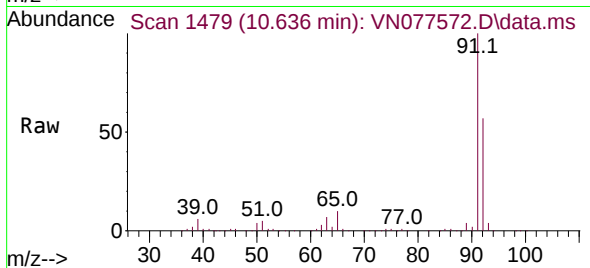




#52
Toluene
Concen: 60.359 ug/l
RT: 10.636 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

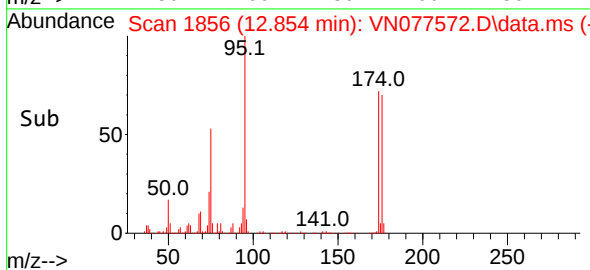
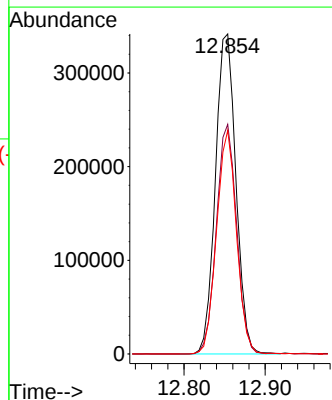
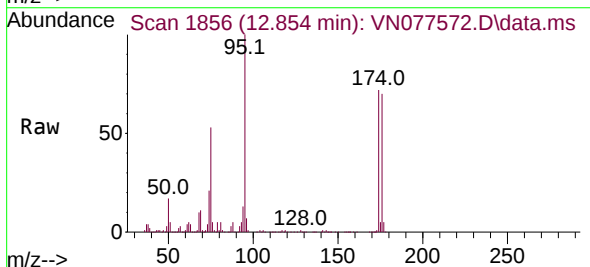
Instrument :
MSVOA_N
ClientSampleId :
AUD-1992

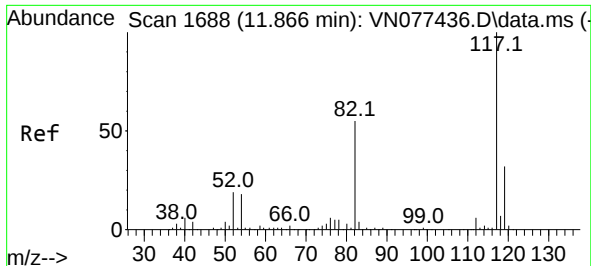
Tgt Ion: 92 Resp: 1530699
Ion Ratio Lower Upper
92 100
91 172.2 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 54.358 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

Tgt Ion: 95 Resp: 599522
Ion Ratio Lower Upper
95 100
174 70.9 0.0 143.8
176 67.8 0.0 135.8

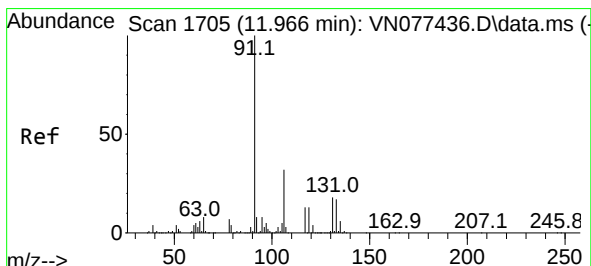
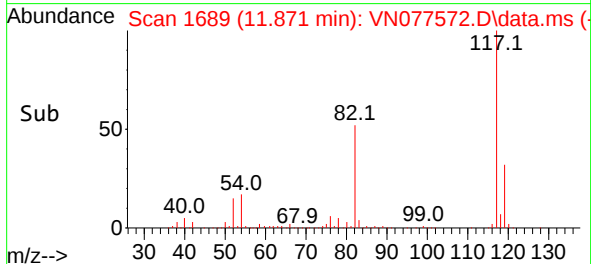
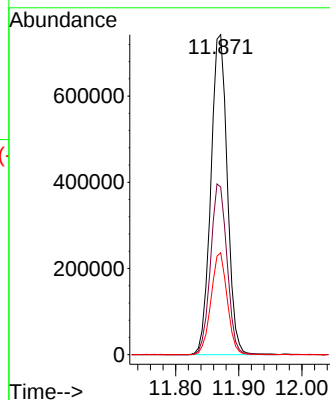
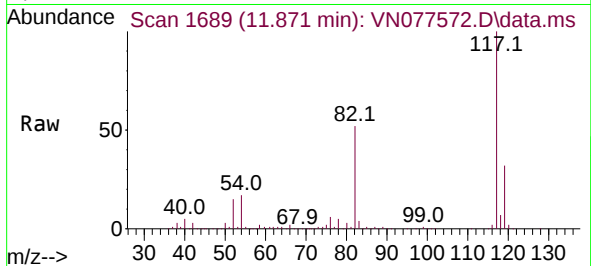




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

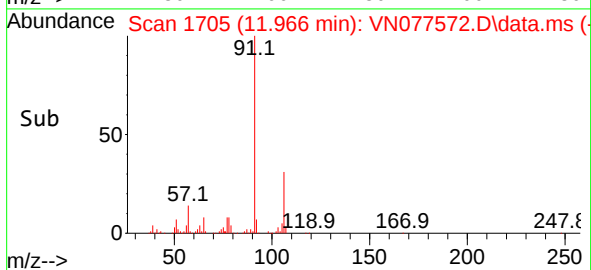
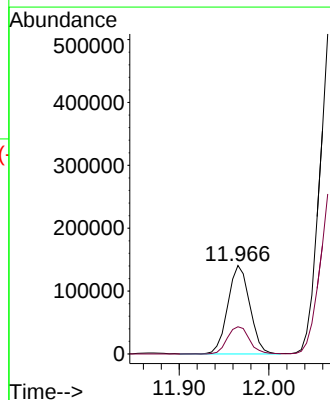
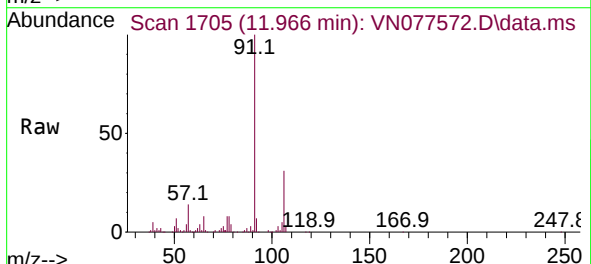
Instrument :
MSVOA_N
ClientSampleId :
AUD-1992

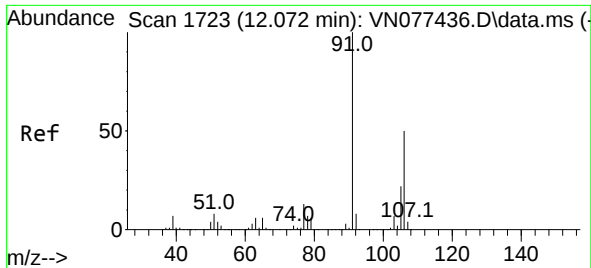
Tgt Ion:117 Resp: 1343281
Ion Ratio Lower Upper
117 100
82 52.4 44.0 66.0
119 31.8 25.6 38.4



#67
Ethyl Benzene
Concen: 4.776 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

Tgt Ion: 91 Resp: 238978
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4

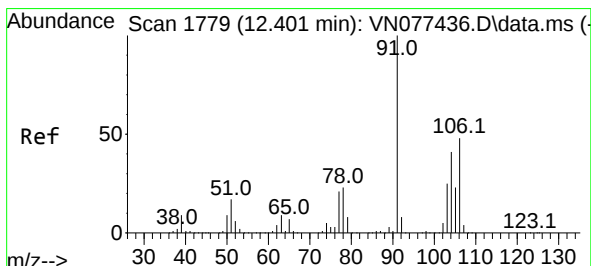
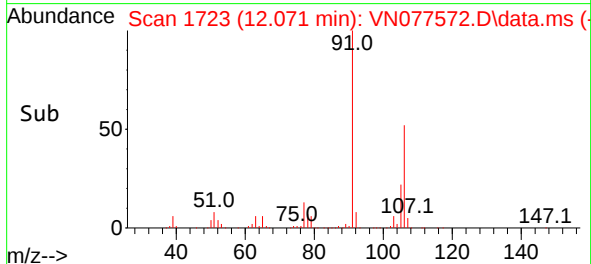
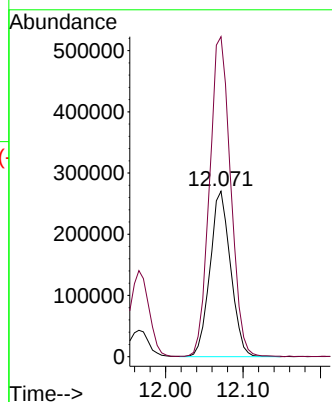
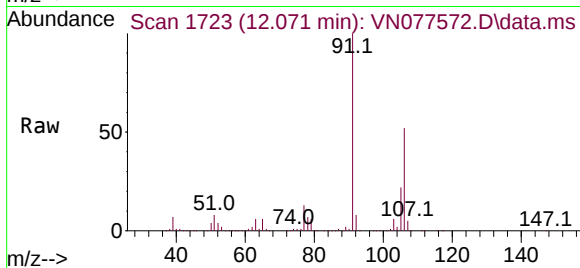




#68
m/p-Xylenes
Concen: 25.678 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

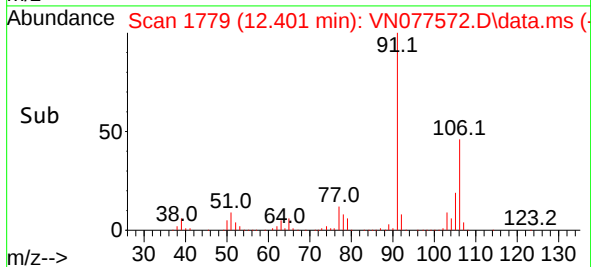
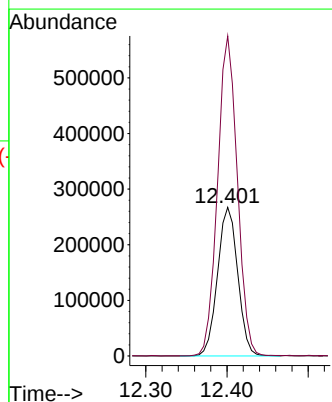
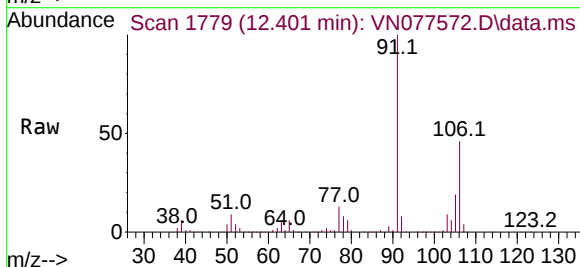
Instrument :
MSVOA_N
ClientSampleId :
AUD-1992

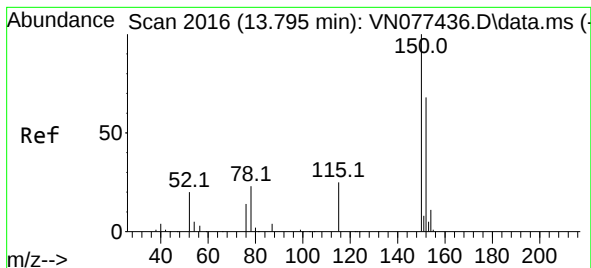
Tgt Ion:106 Resp: 499382
Ion Ratio Lower Upper
106 100
91 198.8 159.6 239.4



#69
o-Xylene
Concen: 24.177 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

Tgt Ion:106 Resp: 462482
Ion Ratio Lower Upper
106 100
91 211.1 105.2 315.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077572.D

Acq: 03 May 2023 18:59

Instrument :

MSVOA_N

ClientSampleId :

AUD-1992

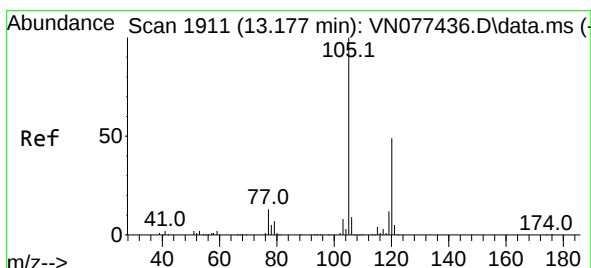
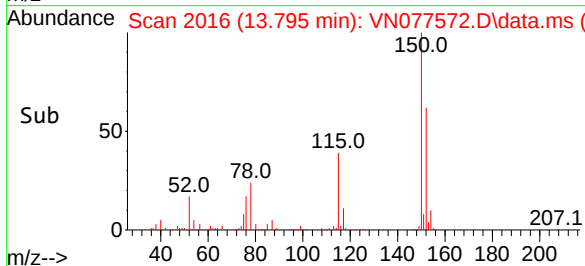
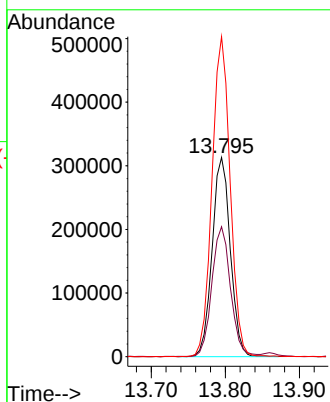
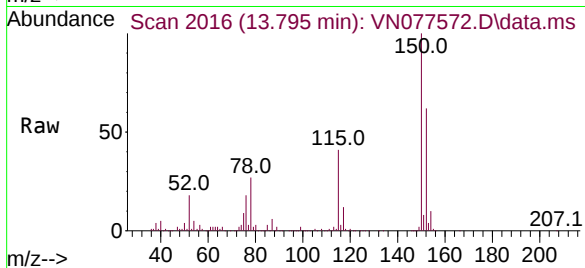
Tgt Ion:152 Resp: 532352

Ion Ratio Lower Upper

152 100

115 67.4 32.3 96.8

150 160.4 0.0 355.8



#80

1,3,5-Trimethylbenzene

Concen: 3.232 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077572.D

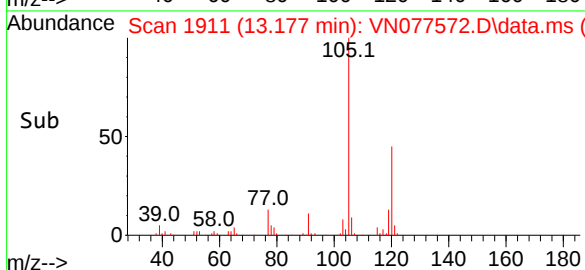
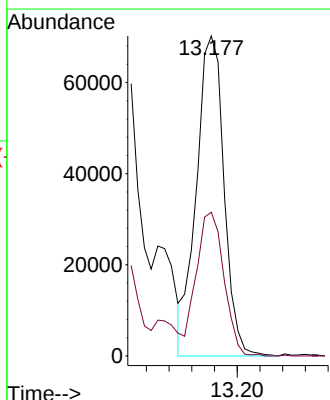
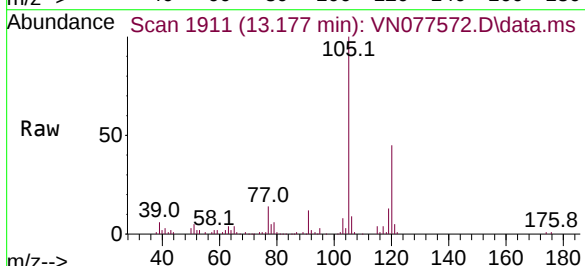
Acq: 03 May 2023 18:59

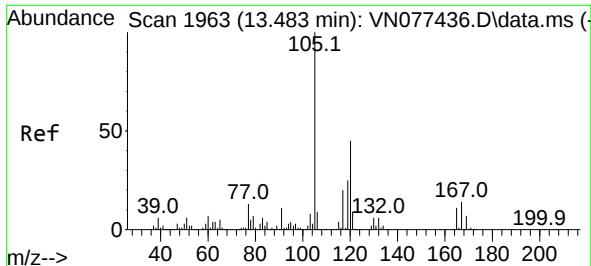
Tgt Ion:105 Resp: 118565

Ion Ratio Lower Upper

105 100

120 44.5 24.1 72.3

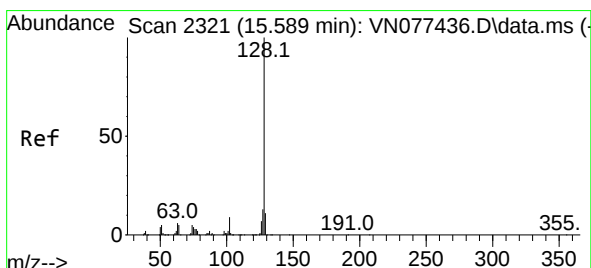
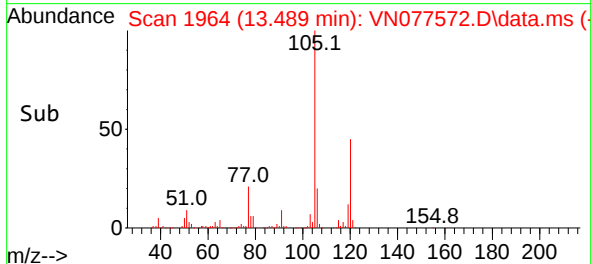
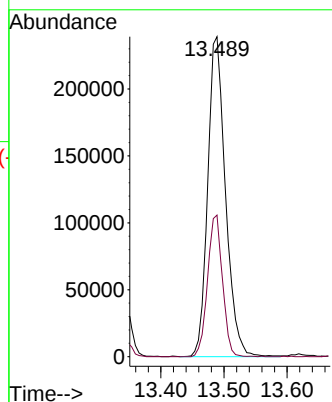
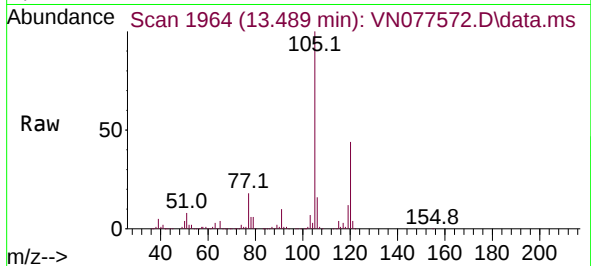




#84
1,2,4-Trimethylbenzene
Concen: 13.652 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

Instrument :
MSVOA_N
ClientSampleId :
AUD-1992

Tgt Ion:105 Resp: 467726
Ion Ratio Lower Upper
105 100
120 37.1 22.0 66.0



#95
Naphthalene
Concen: 153.933 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. 0.053 min
Lab File: VN077572.D
Acq: 03 May 2023 18:59

Tgt Ion:128 Resp: 6723459
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.8 8.7 13.1

