

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050323\
 Data File : VN077570.D
 Acq On : 03 May 2023 18:10
 Operator : JC\MD
 Sample : 02566-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1990

Quant Time: May 04 04:54:47 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)

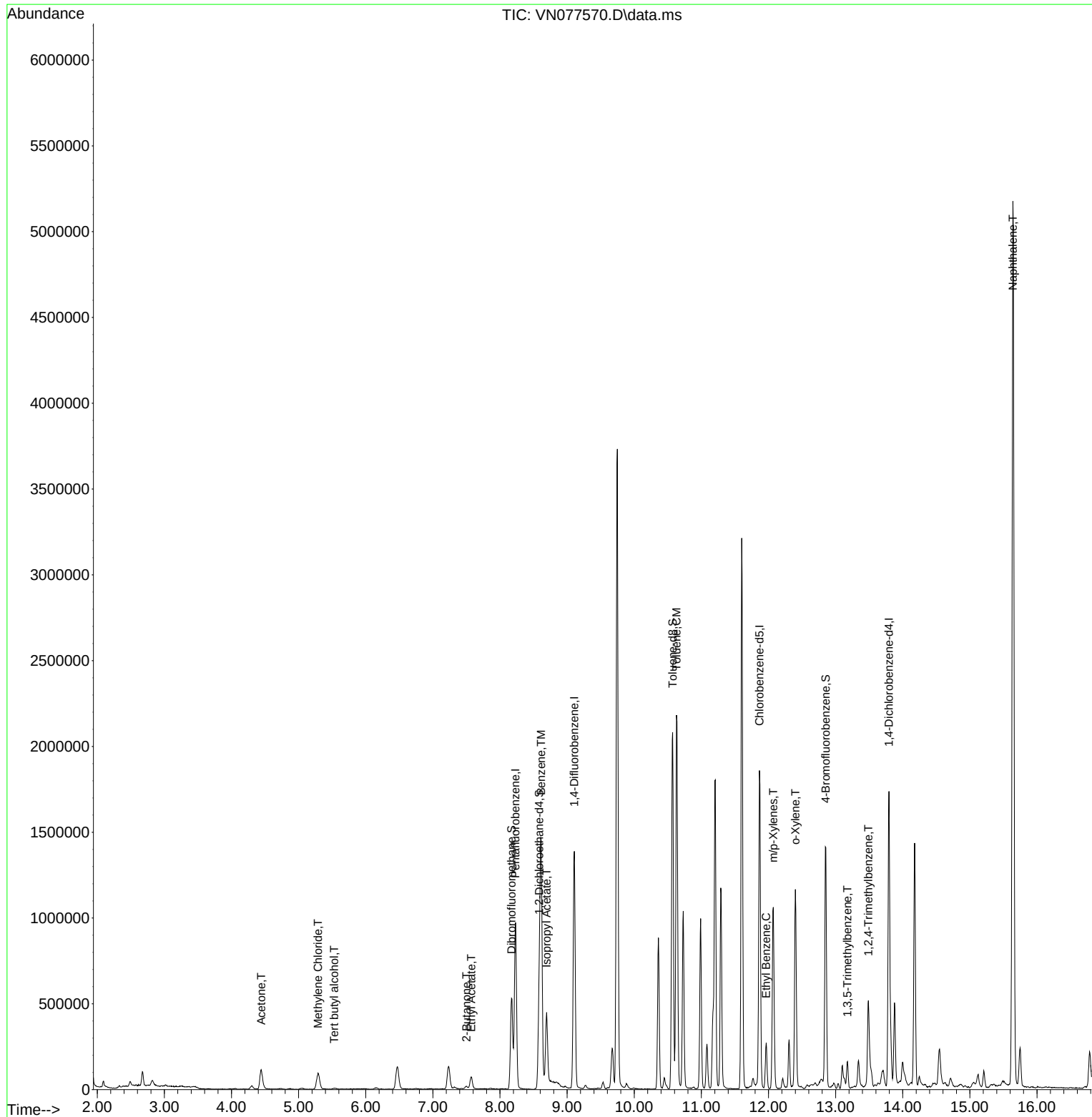
Internal Standards						
1) Pentafluorobenzene	8.231	168	686233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1304667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1160283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	464201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	434571	48.531	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.060%		
35) Dibromofluoromethane	8.172	113	389672	49.693	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.380%		
50) Toluene-d8	10.572	98	1572268	52.315	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.640%		
62) 4-Bromofluorobenzene	12.854	95	530529	53.955	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.900%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.531	59	11613	8.078	ug/l	99
16) Acetone	4.443	43	203622	71.476	ug/l	96
20) Methylene Chloride	5.290	84	87422	9.677	ug/l	91
25) 2-Butanone	7.501	43	22678	5.613	ug/l #	84
37) Ethyl Acetate	7.572	43	96843	11.249	ug/l	95
40) Benzene	8.613	78	1555632	45.075	ug/l	97
43) Isopropyl Acetate	8.695	43	510168	34.256	ug/l #	86
52) Toluene	10.631	92	1050949	46.483	ug/l	99
67) Ethyl Benzene	11.966	91	173836	4.022	ug/l	100
68) m/p-Xylenes	12.072	106	367586	21.882	ug/l	99
69) o-Xylene	12.401	106	340361	20.599	ug/l	96
80) 1,3,5-Trimethylbenzene	13.177	105	89491	2.798	ug/l	99
84) 1,2,4-Trimethylbenzene	13.489	105	343472	11.497	ug/l	89
95) Naphthalene	15.642	128	5101914	141.714	ug/l	100

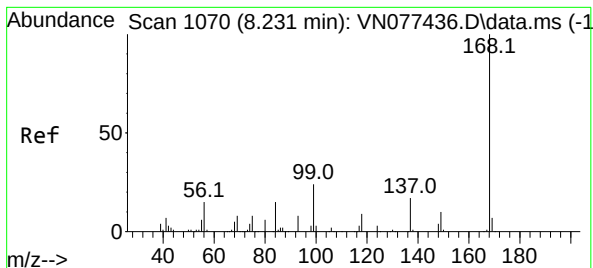
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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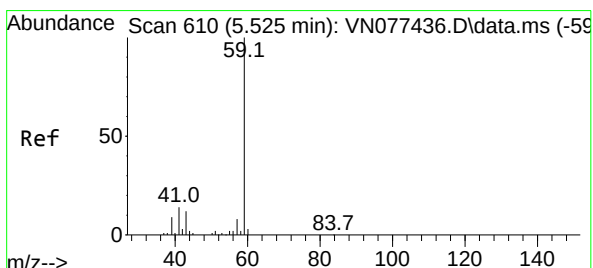
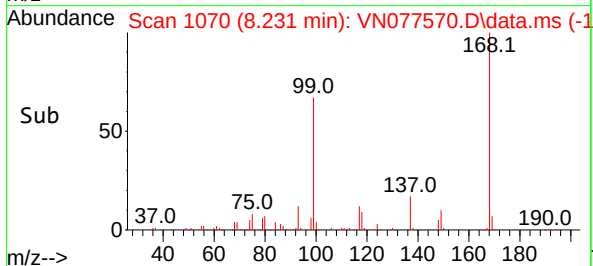
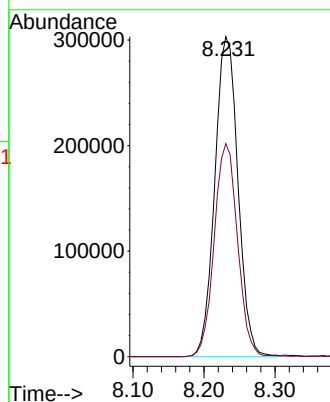
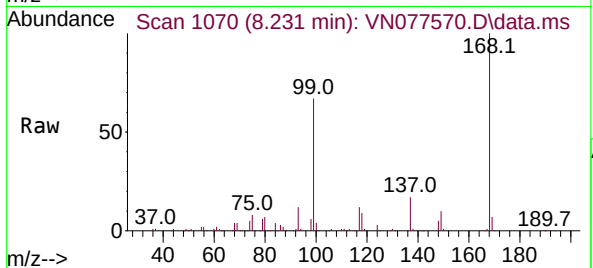




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077570.D
Acq: 03 May 2023 18:10

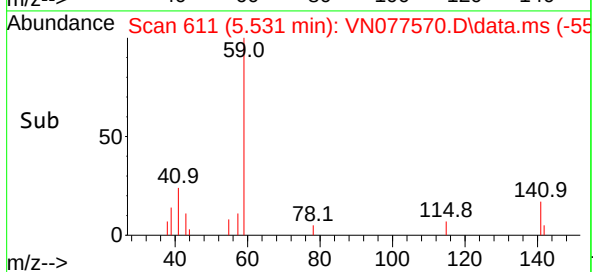
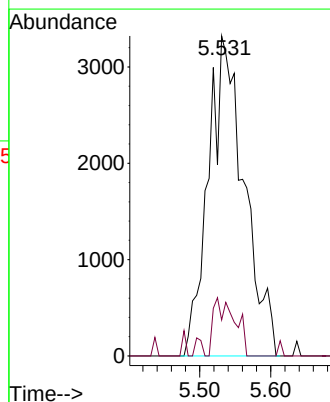
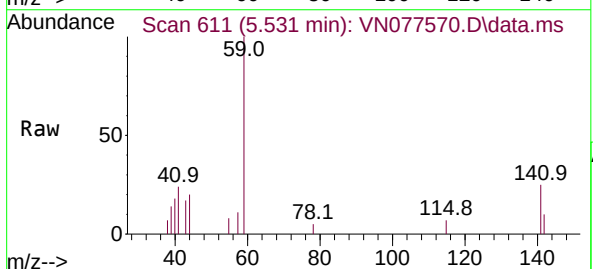
Instrument :
MSVOA_N
ClientSampleId :
AUD-1990

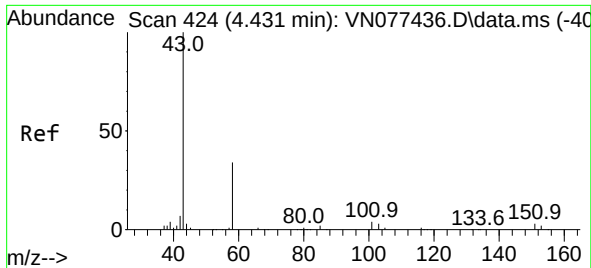
Tgt Ion:168 Resp: 686233
Ion Ratio Lower Upper
168 100
99 66.6 53.0 79.6



#11
Tert butyl alcohol
Concen: 8.078 ug/l
RT: 5.531 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN077570.D
Acq: 03 May 2023 18:10

Tgt Ion: 59 Resp: 11613
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4

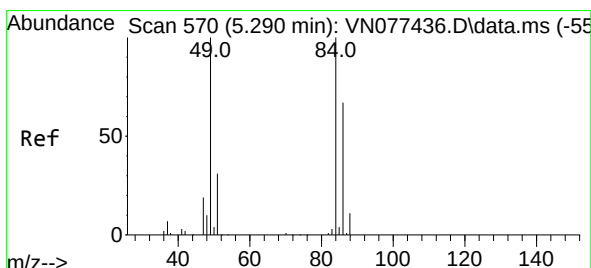
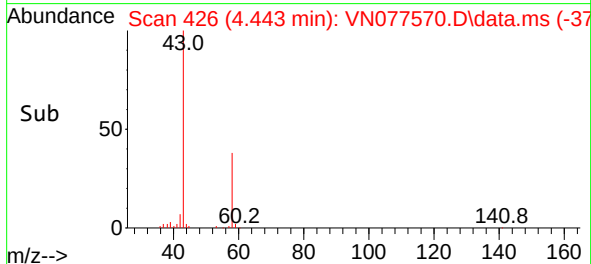
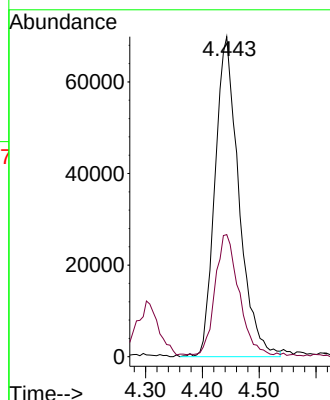
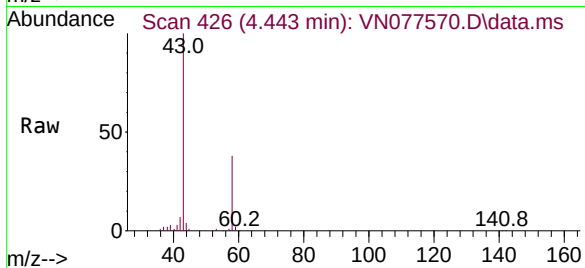




#16
Acetone
Concen: 71.476 ug/l
RT: 4.443 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN077570.D
Acq: 03 May 2023 18:10

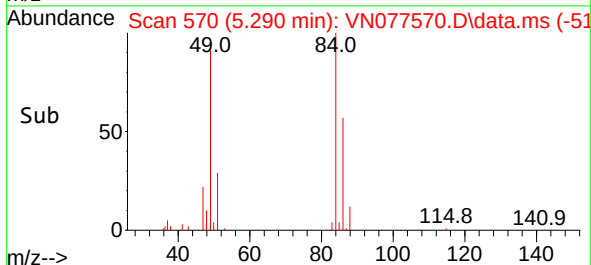
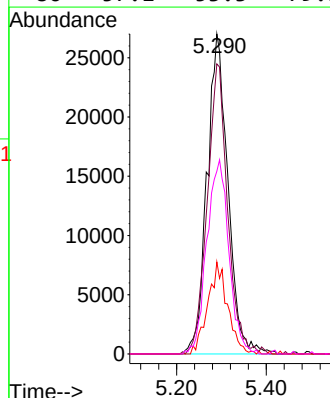
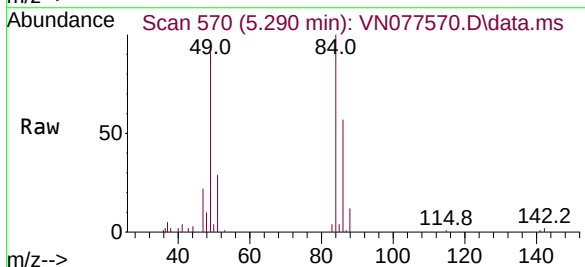
Instrument :
MSVOA_N
ClientSampleId :
AUD-1990

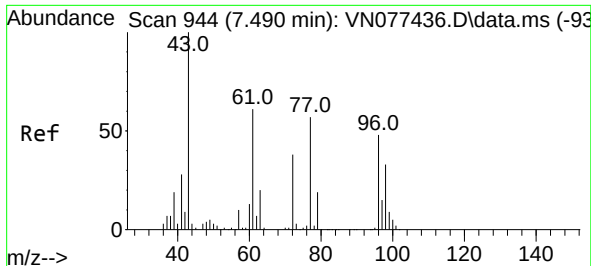
Tgt Ion: 43 Resp: 203622
Ion Ratio Lower Upper
43 100
58 37.4 28.0 42.0



#20
Methylene Chloride
Concen: 9.677 ug/l
RT: 5.290 min Scan# 570
Delta R.T. 0.000 min
Lab File: VN077570.D
Acq: 03 May 2023 18:10

Tgt Ion: 84 Resp: 87422
Ion Ratio Lower Upper
84 100
49 90.6 79.7 119.5
51 28.8 25.2 37.8
86 57.1 53.3 79.9

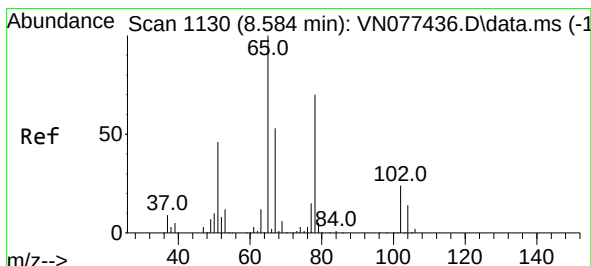
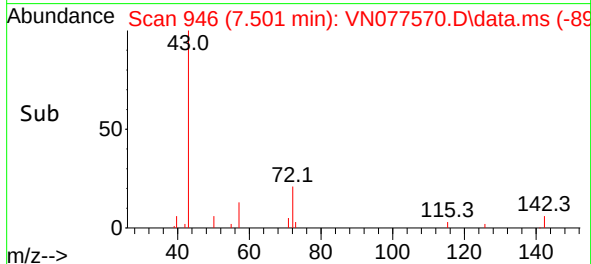
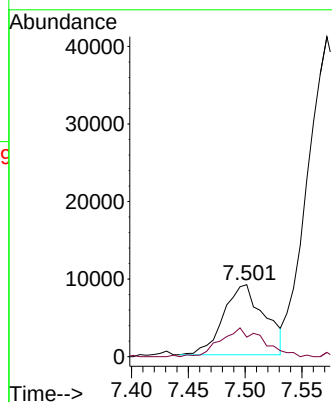
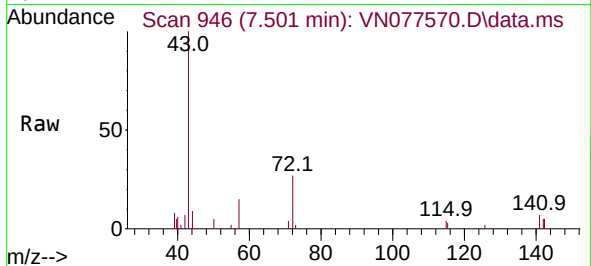




#25
2-Butanone
Concen: 5.613 ug/l
RT: 7.501 min Scan# 944
Delta R.T. 0.012 min
Lab File: VN077570.D
Acq: 03 May 2023 18:10

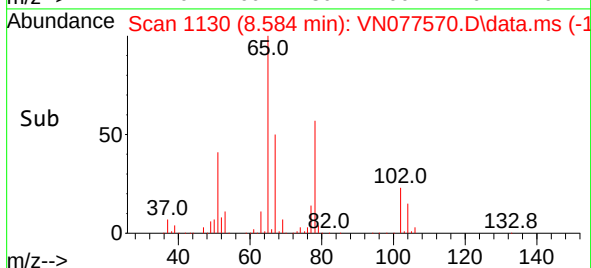
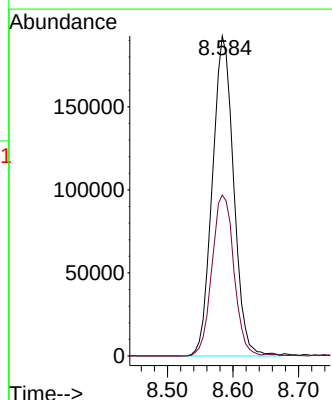
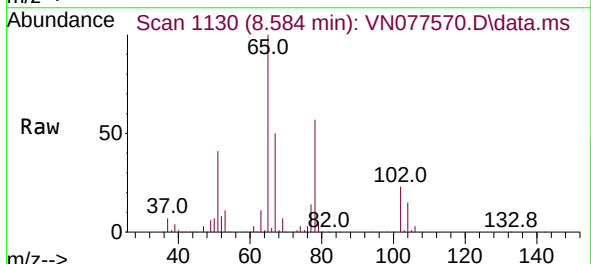
Instrument :
MSVOA_N
ClientSampleId :
AUD-1990

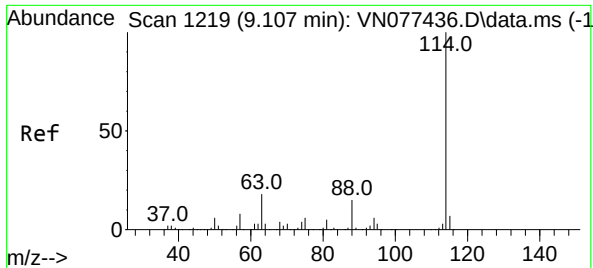
Tgt Ion: 43 Resp: 22678
Ion Ratio Lower Upper
43 100
72 27.8 30.2 45.2#



#33
1,2-Dichloroethane-d4
Concen: 48.531 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077570.D
Acq: 03 May 2023 18:10

Tgt Ion: 65 Resp: 434571
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.6

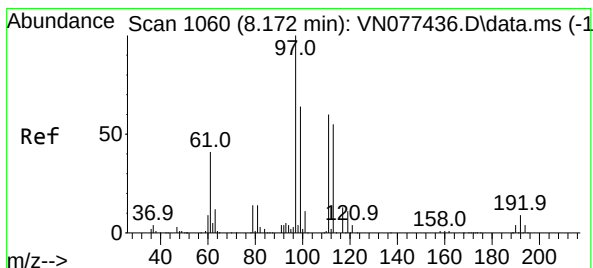
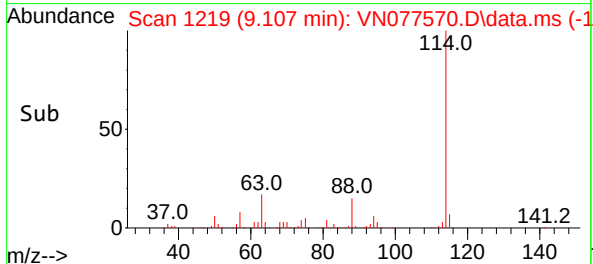
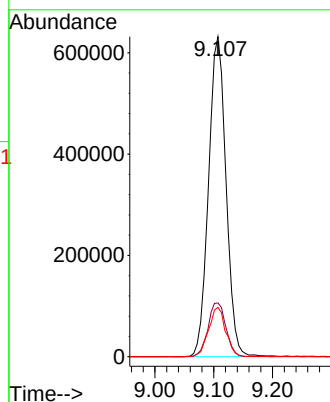
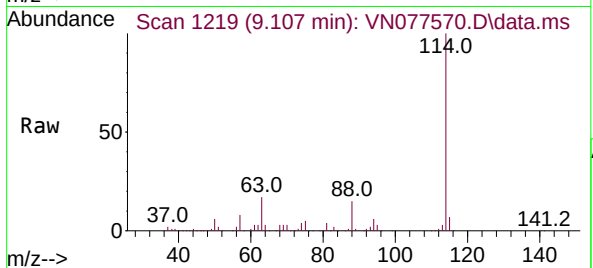




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077570.D
Acq: 03 May 2023 18:10

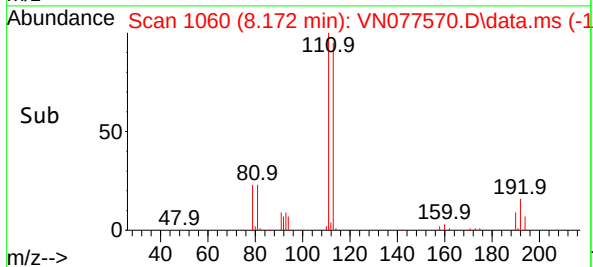
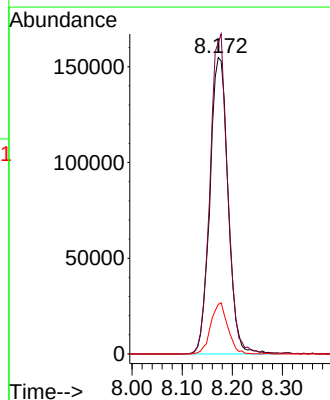
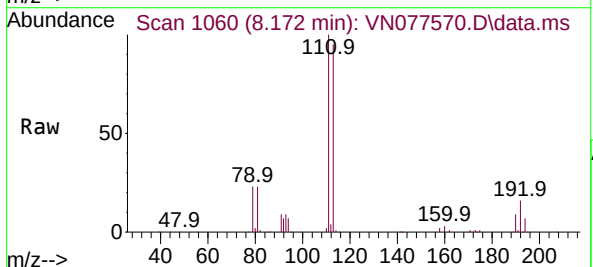
Instrument :
MSVOA_N
ClientSampleId :
AUD-1990

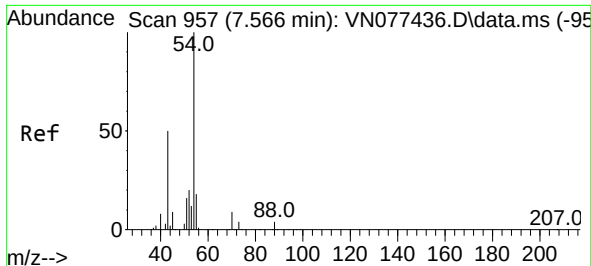
Tgt Ion:114 Resp: 1304667
Ion Ratio Lower Upper
114 100
63 16.8 0.0 36.4
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.693 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077570.D
Acq: 03 May 2023 18:10

Tgt Ion:113 Resp: 389672
Ion Ratio Lower Upper
113 100
111 104.6 82.6 123.8
192 16.2 12.7 19.1

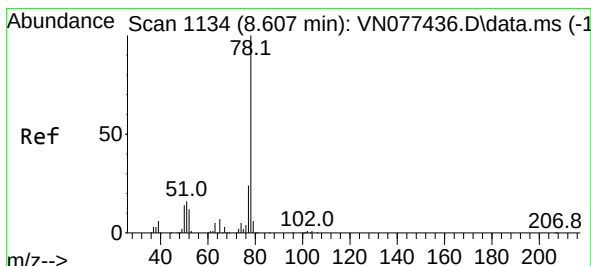
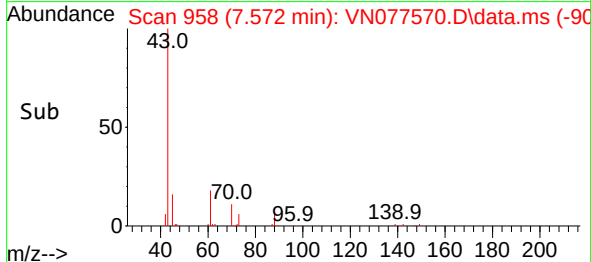
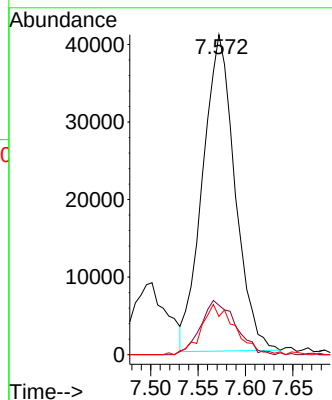
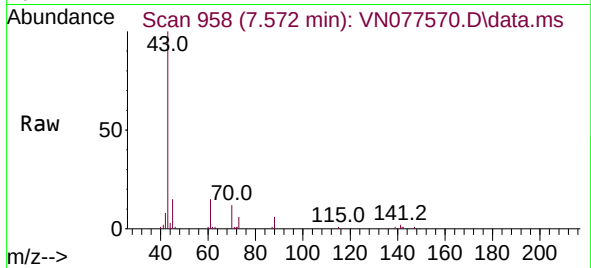




#37
Ethyl Acetate
Concen: 11.249 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077570.D
Acq: 03 May 2023 18:10

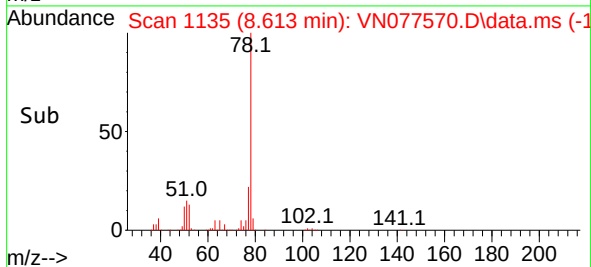
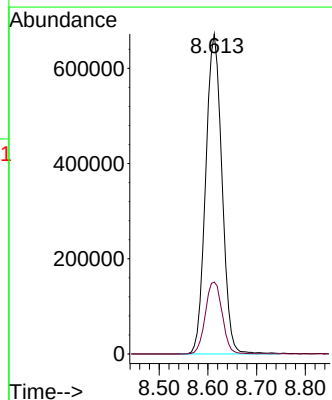
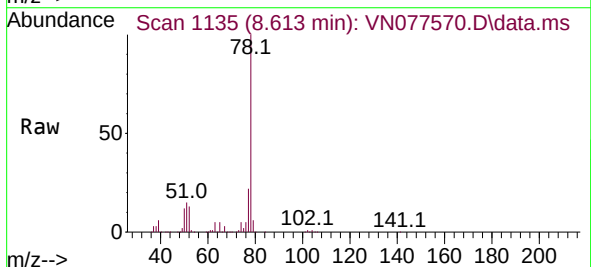
Instrument :
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AUD-1990

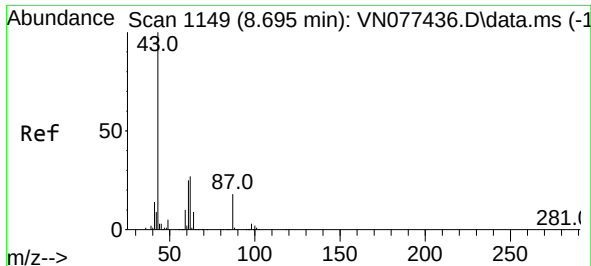
Tgt Ion: 43 Resp: 96843
Ion Ratio Lower Upper
43 100
61 18.6 13.2 19.8
70 16.6 11.3 16.9



#40
Benzene
Concen: 45.075 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077570.D
Acq: 03 May 2023 18:10

Tgt Ion: 78 Resp: 1555632
Ion Ratio Lower Upper
78 100
77 22.4 19.0 28.6

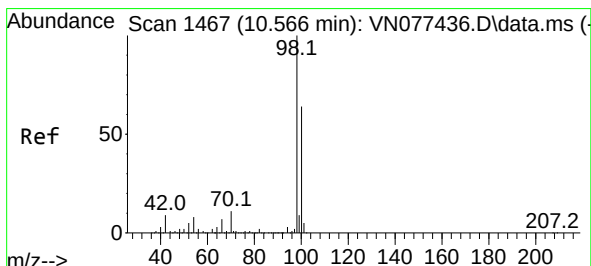
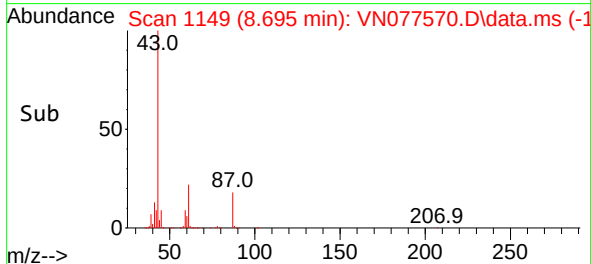
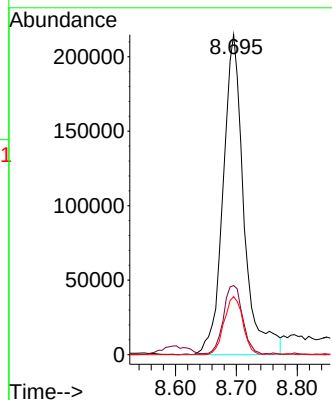
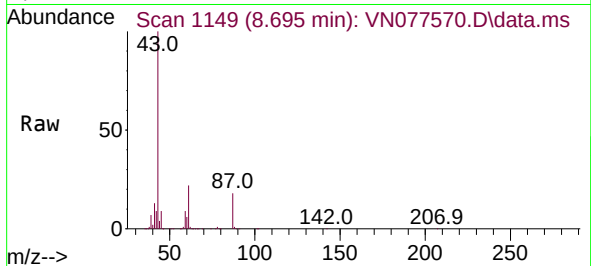




#43
Isopropyl Acetate
Concen: 34.256 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077570.D
Acq: 03 May 2023 18:10

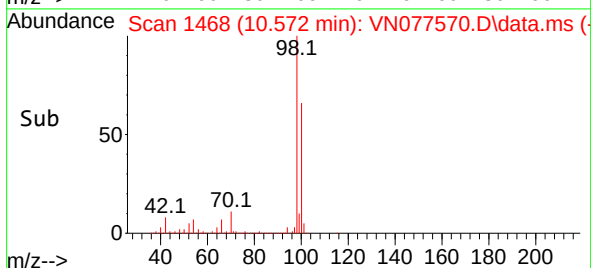
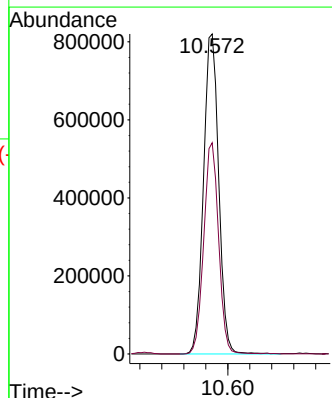
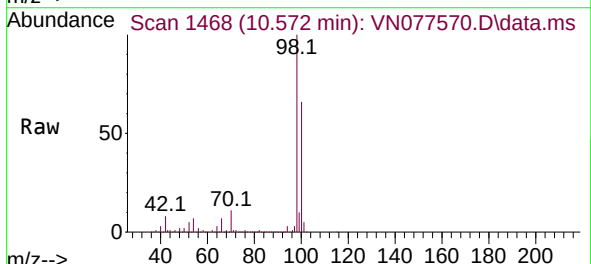
Instrument :
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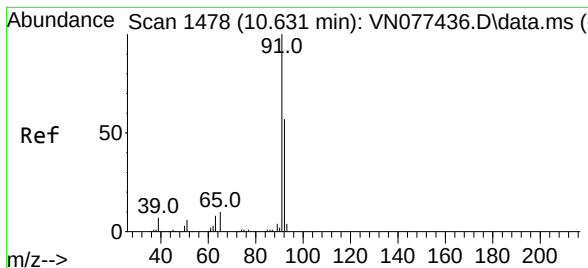
Tgt Ion: 43 Resp: 510168
Ion Ratio Lower Upper
43 100
61 19.9 24.7 37.1#
87 16.3 14.6 21.8



#50
Toluene-d8
Concen: 52.315 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077570.D
Acq: 03 May 2023 18:10

Tgt Ion: 98 Resp: 1572268
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0





#52

Toluene

Concen: 46.483 ug/l

RT: 10.631 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VN077570.D

Acq: 03 May 2023 18:10

Instrument :

MSVOA_N

ClientSampleId :

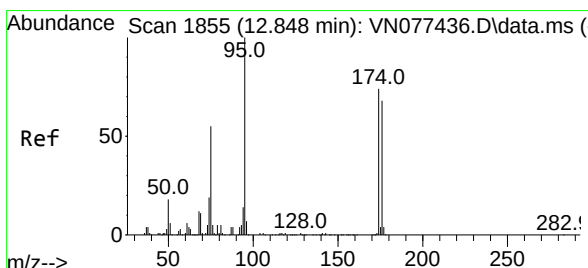
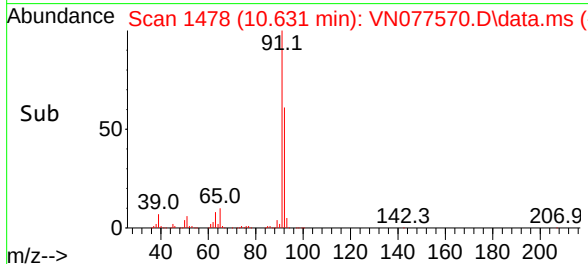
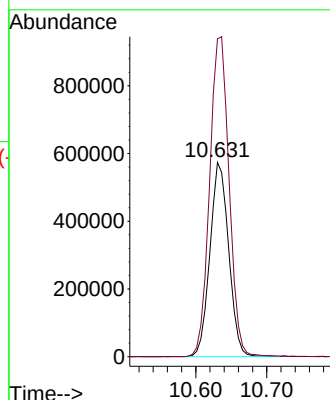
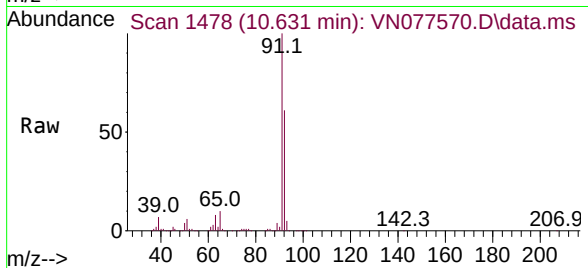
AUD-1990

Tgt Ion: 92 Resp: 1050949

Ion Ratio Lower Upper

92 100

91 170.8 137.4 206.0



#62

4-Bromofluorobenzene

Concen: 53.955 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VN077570.D

Acq: 03 May 2023 18:10

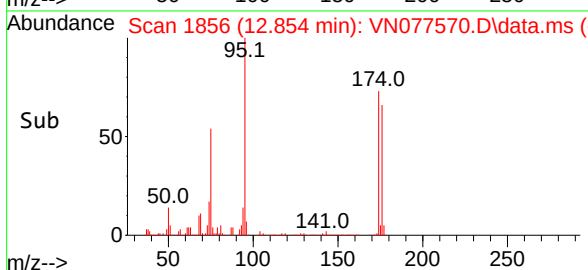
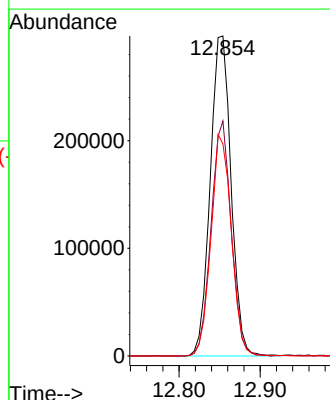
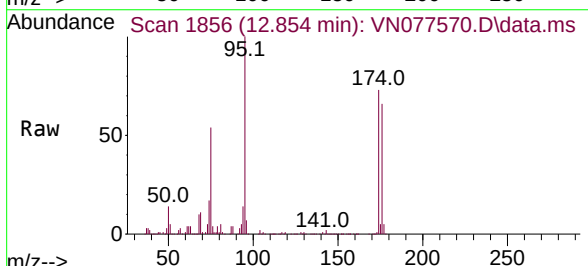
Tgt Ion: 95 Resp: 530529

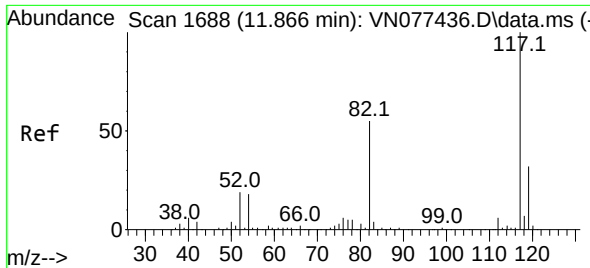
Ion Ratio Lower Upper

95 100

174 70.9 0.0 143.8

176 67.4 0.0 135.8

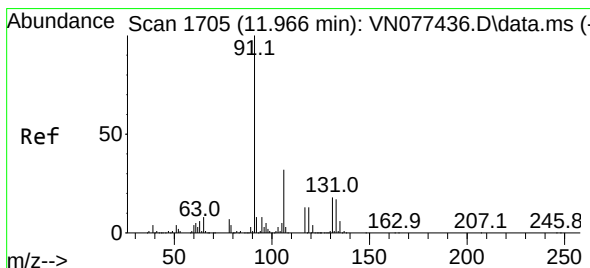
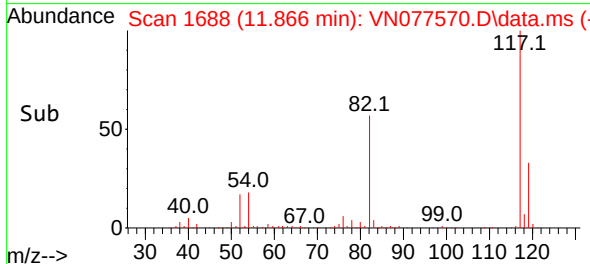
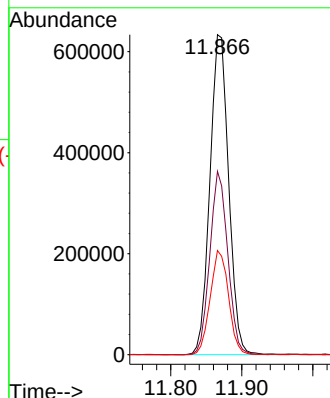
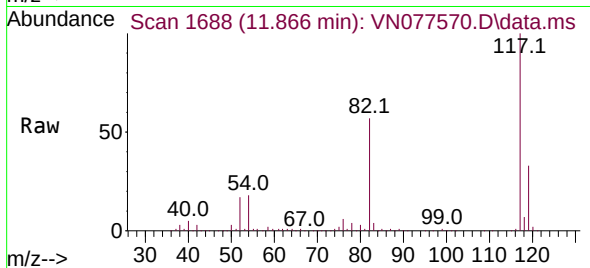




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077570.D
Acq: 03 May 2023 18:10

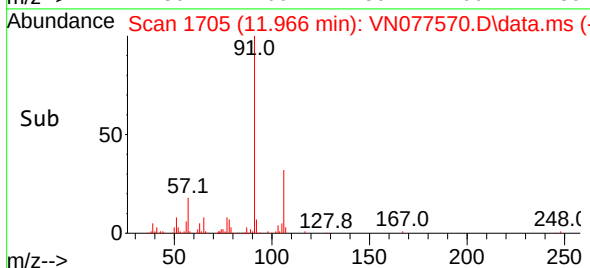
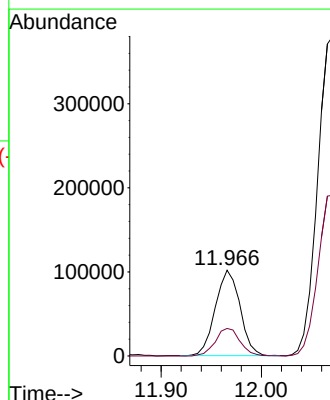
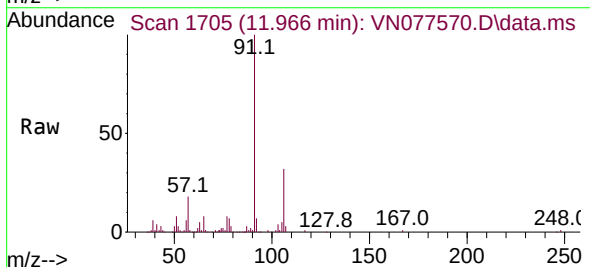
Instrument :
MSVOA_N
ClientSampleId :
AUD-1990

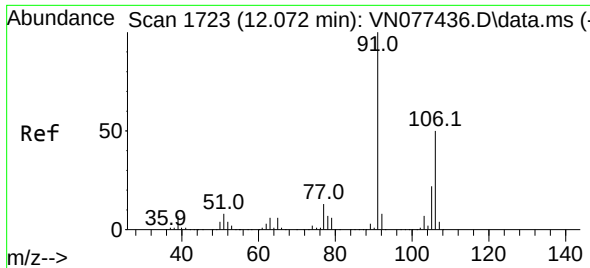
Tgt Ion:117 Resp: 1160283
Ion Ratio Lower Upper
117 100
82 57.3 44.0 66.0
119 32.5 25.6 38.4



#67
Ethyl Benzene
Concen: 4.022 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077570.D
Acq: 03 May 2023 18:10

Tgt Ion: 91 Resp: 173836
Ion Ratio Lower Upper
91 100
106 32.3 25.6 38.4

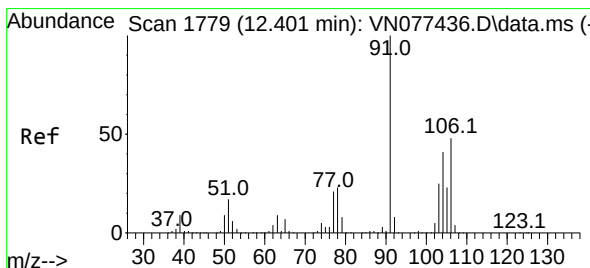
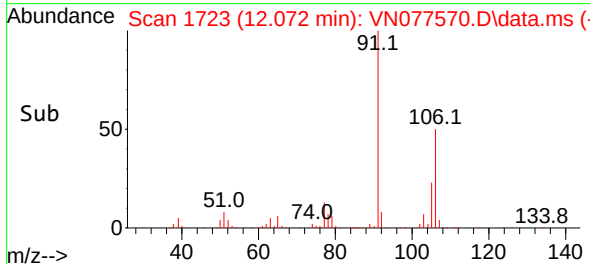
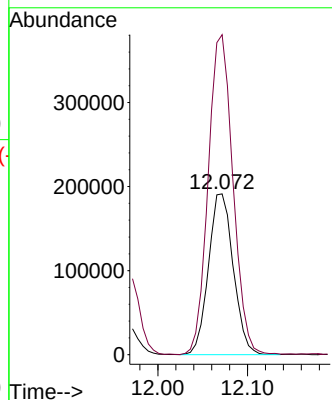
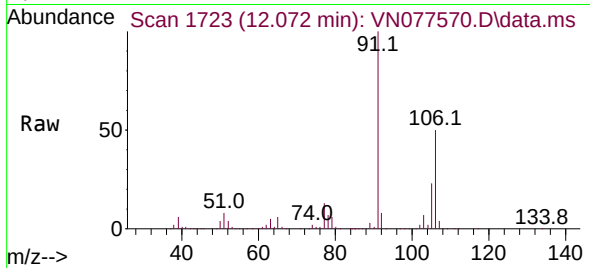




#68
m/p-Xylenes
Concen: 21.882 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077570.D
Acq: 03 May 2023 18:10

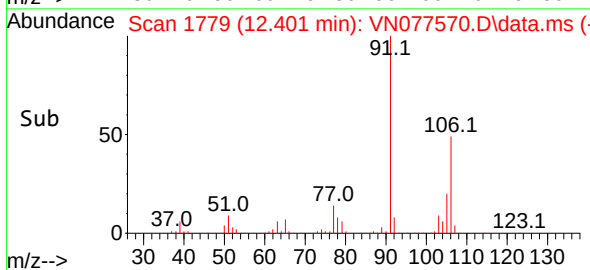
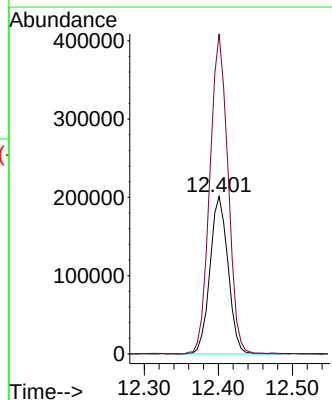
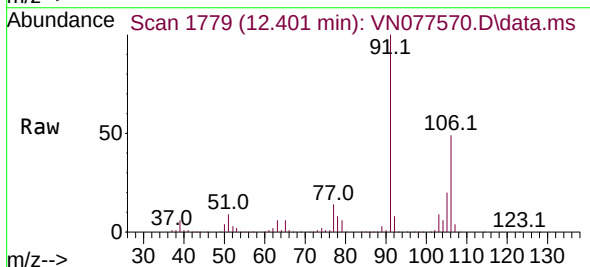
Instrument :
MSVOA_N
ClientSampleId :
AUD-1990

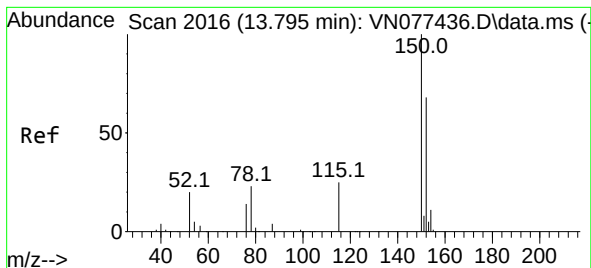
Tgt Ion:106 Resp: 367586
Ion Ratio Lower Upper
106 100
91 198.5 159.6 239.4



#69
o-Xylene
Concen: 20.599 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077570.D
Acq: 03 May 2023 18:10

Tgt Ion:106 Resp: 340361
Ion Ratio Lower Upper
106 100
91 204.8 105.2 315.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN077570.D

Acq: 03 May 2023 18:10

Instrument :

MSVOA_N

ClientSampleId :

AUD-1990

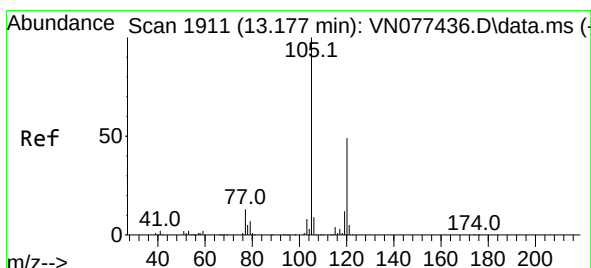
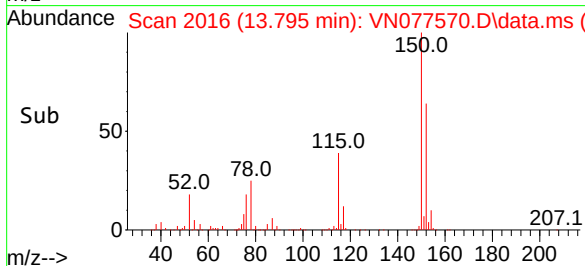
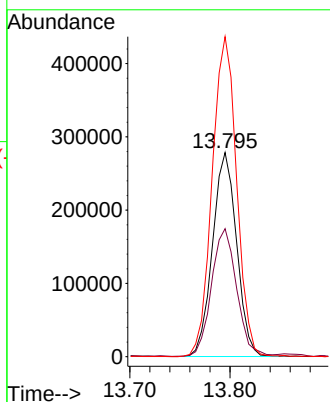
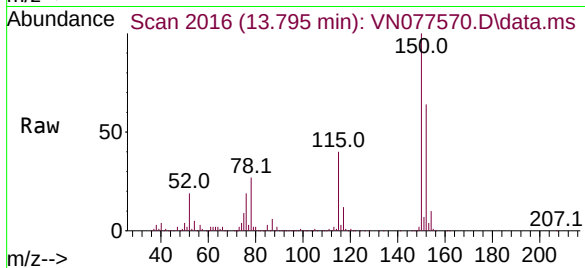
Tgt Ion:152 Resp: 464201

Ion Ratio Lower Upper

152 100

115 65.4 32.3 96.8

150 159.6 0.0 355.8



#80

1,3,5-Trimethylbenzene

Concen: 2.798 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077570.D

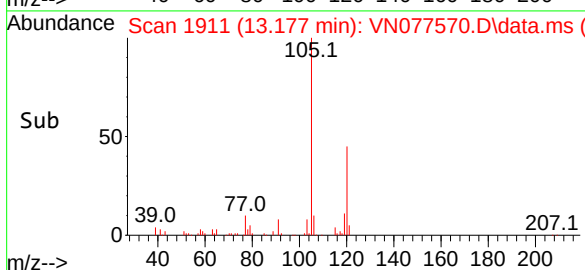
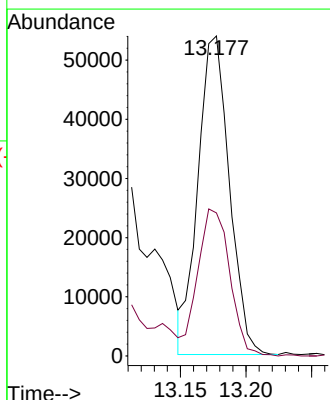
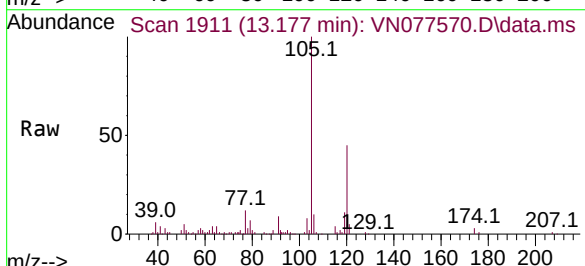
Acq: 03 May 2023 18:10

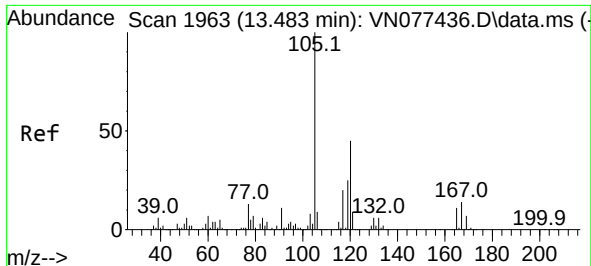
Tgt Ion:105 Resp: 89491

Ion Ratio Lower Upper

105 100

120 47.4 24.1 72.3

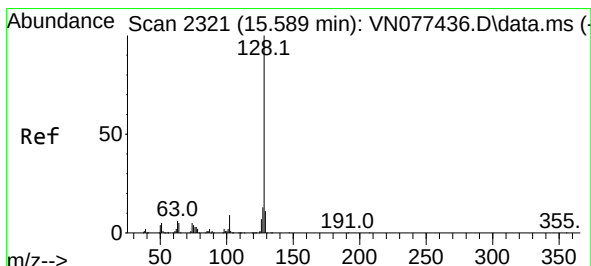
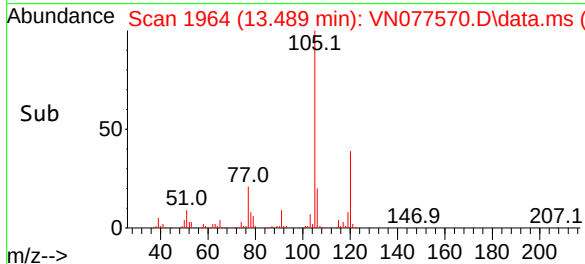
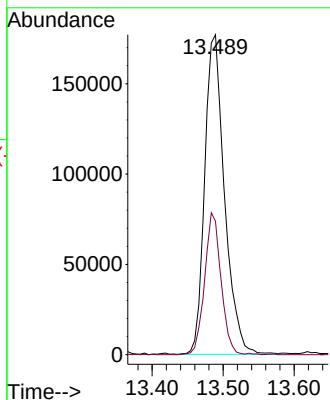
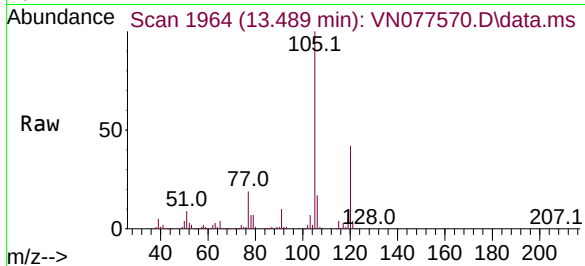




#84
1,2,4-Trimethylbenzene
Concen: 11.497 ug/l
RT: 13.489 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VN077570.D
Acq: 03 May 2023 18:10

Instrument :
MSVOA_N
ClientSampleId :
AUD-1990

Tgt Ion:105 Resp: 343472
Ion Ratio Lower Upper
105 100
120 36.7 22.0 66.0



#95
Naphthalene
Concen: 141.714 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. 0.053 min
Lab File: VN077570.D
Acq: 03 May 2023 18:10

Tgt Ion:128 Resp: 5101914
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.8 8.7 13.1

