

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050323\
 Data File : VN077571.D
 Acq On : 03 May 2023 18:35
 Operator : JC\MD
 Sample : 02566-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1991

Quant Time: May 04 04:55:26 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)

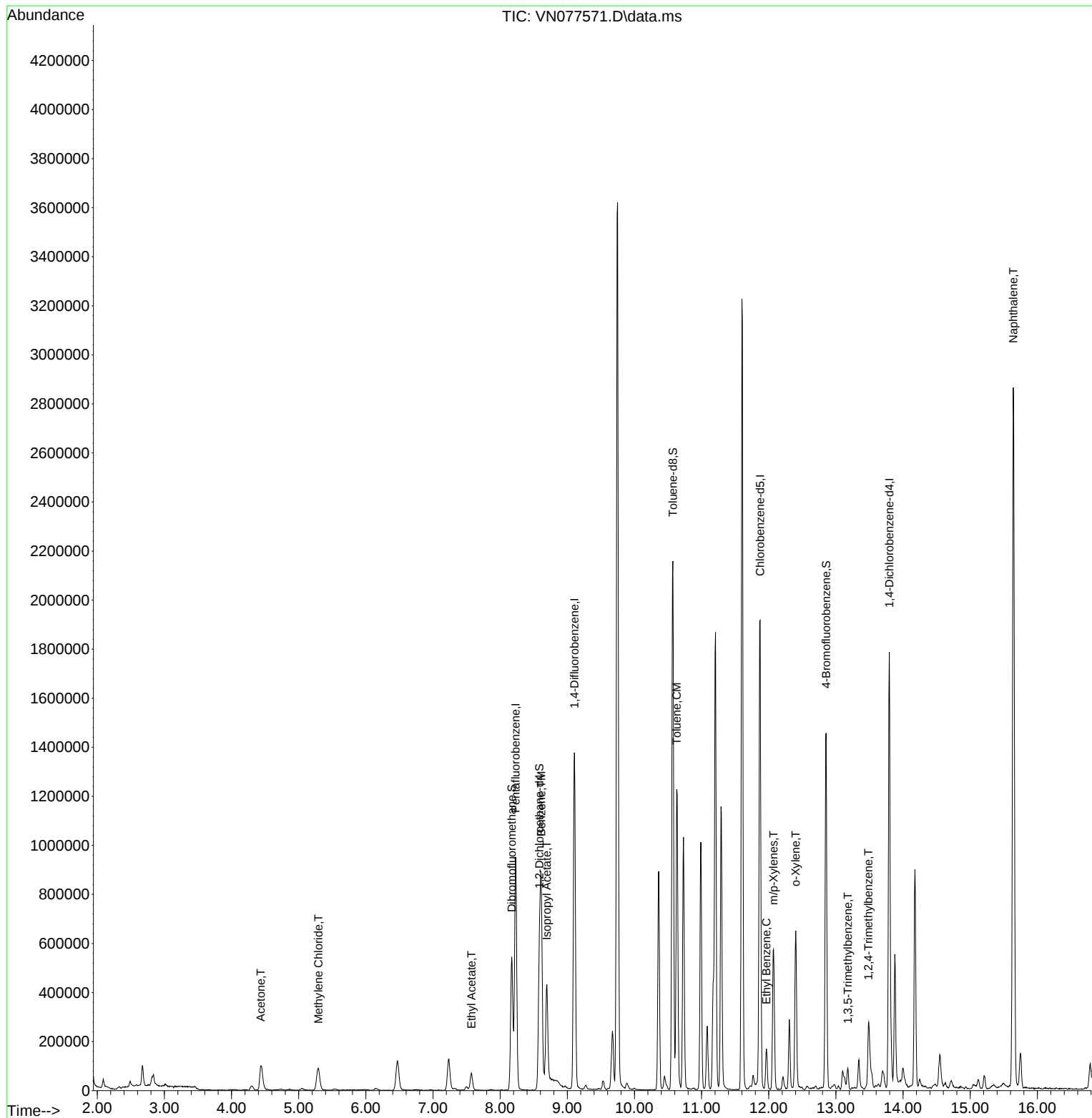
Internal Standards						
1) Pentafluorobenzene	8.231	168	684197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1287568	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	1217682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	480810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	438418	49.106	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.220%			
35) Dibromofluoromethane	8.172	113	397389	51.350	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.700%			
50) Toluene-d8	10.572	98	1591317	53.652	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.300%			
62) 4-Bromofluorobenzene	12.854	95	538787	55.522	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.040%			
Target Compounds						
					Qvalue	
16) Acetone	4.437	43	195363	68.781	ug/l	99
20) Methylene Chloride	5.295	84	85087	9.446	ug/l	92
37) Ethyl Acetate	7.572	43	95516	11.243	ug/l	96
40) Benzene	8.613	78	838614	24.622	ug/l	97
43) Isopropyl Acetate	8.695	43	498283	33.902	ug/l #	85
52) Toluene	10.630	92	583417	26.147	ug/l	99
67) Ethyl Benzene	11.966	91	95353	2.102	ug/l	99
68) m/p-Xylenes	12.072	106	203185	11.525	ug/l	98
69) o-Xylene	12.401	106	182526	10.526	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	44854	1.354	ug/l	94
84) 1,2,4-Trimethylbenzene	13.483	105	188586	6.094	ug/l	84
95) Naphthalene	15.642	128	2838753	96.782	ug/l	100

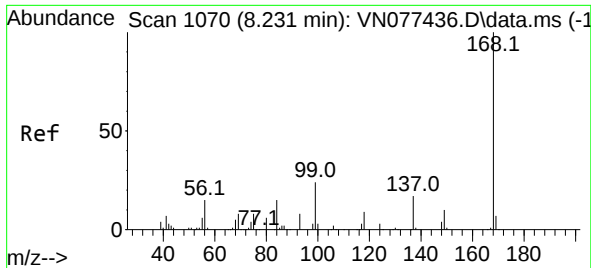
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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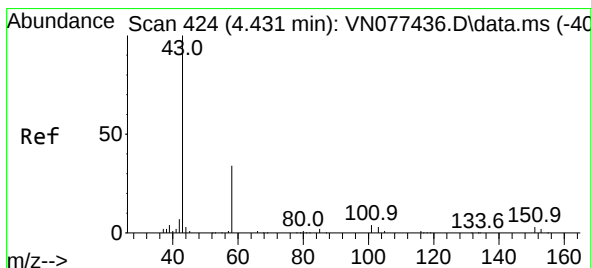
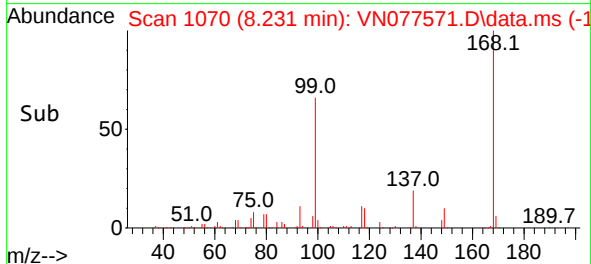
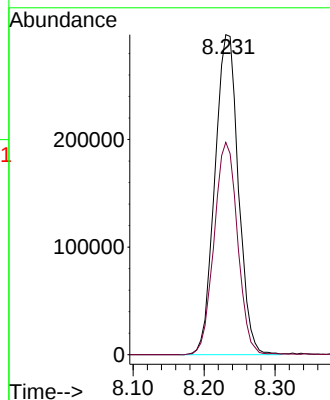
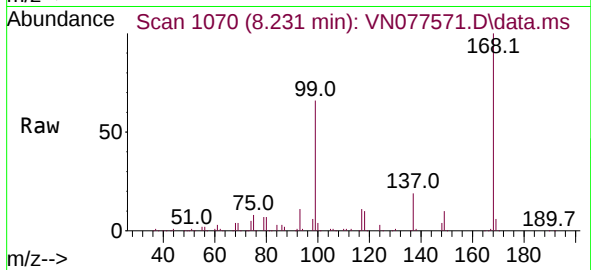




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

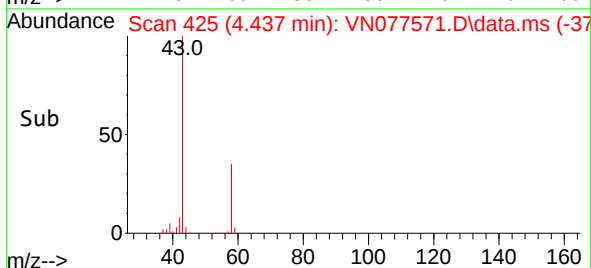
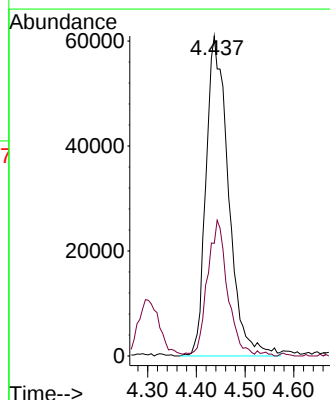
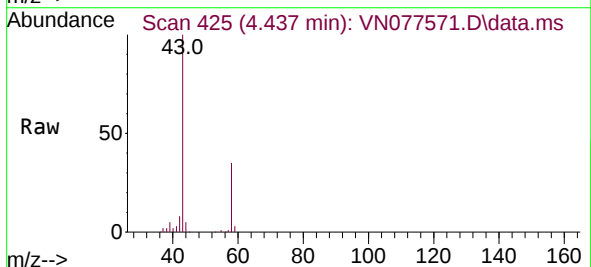
Instrument :
MSVOA_N
ClientSampleId :
AUD-1991

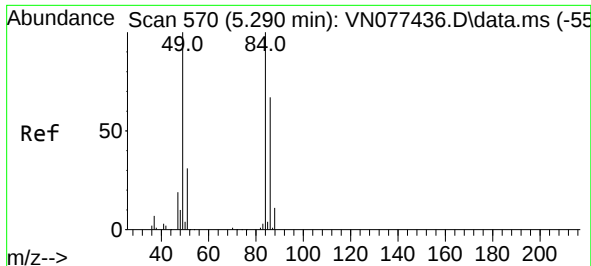
Tgt Ion:168 Resp: 684197
Ion Ratio Lower Upper
168 100
99 66.4 53.0 79.6



#16
Acetone
Concen: 68.781 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

Tgt Ion: 43 Resp: 195363
Ion Ratio Lower Upper
43 100
58 34.6 28.0 42.0

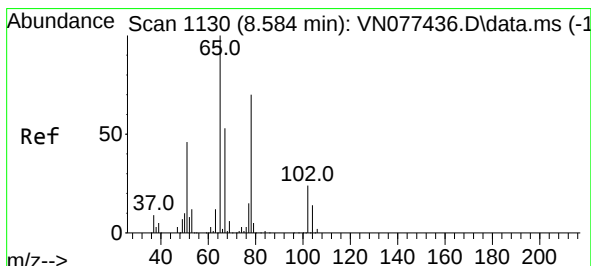
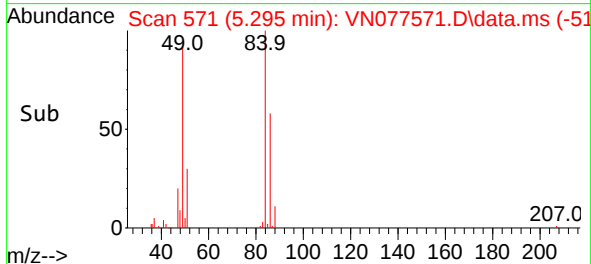
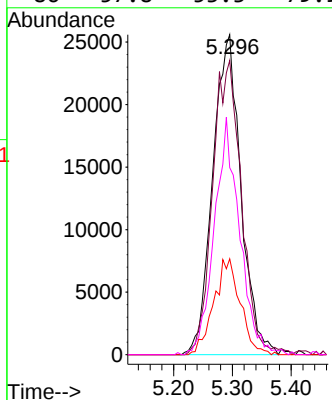
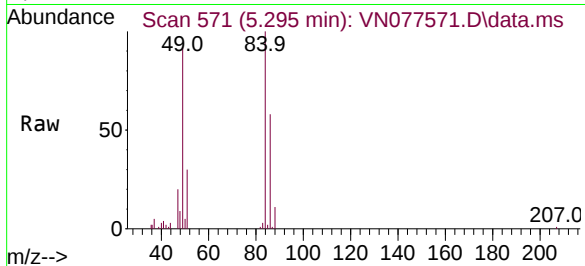




#20
Methylene Chloride
Concen: 9.446 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

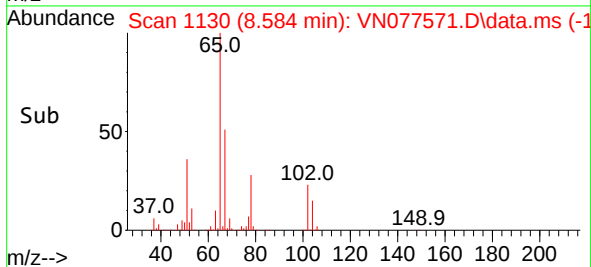
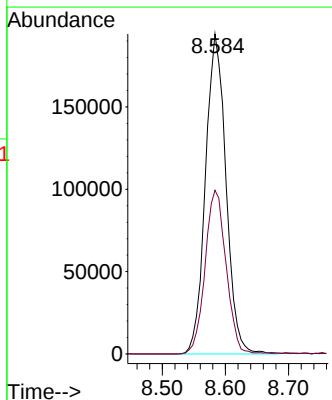
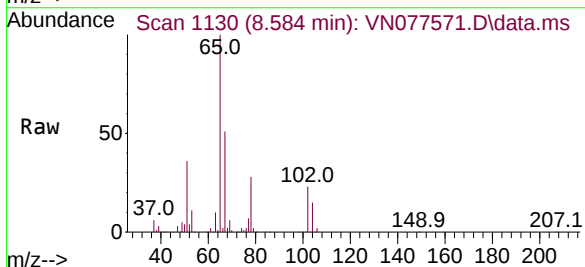
Instrument :
MSVOA_N
ClientSampleId :
AUD-1991

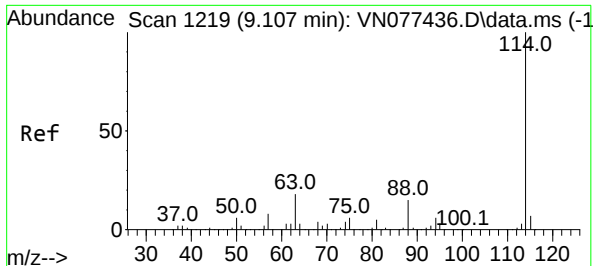
Tgt Ion:	84	Resp:	85087
Ion	Ratio	Lower	Upper
84	100		
49	91.9	79.7	119.5
51	30.0	25.2	37.8
86	57.8	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 49.106 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

Tgt Ion:	65	Resp:	438418
Ion	Ratio	Lower	Upper
65	100		
67	52.5	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: VN077571.D

Acq: 03 May 2023 18:35

Instrument :

MSVOA_N

ClientSampleId :

AUD-1991

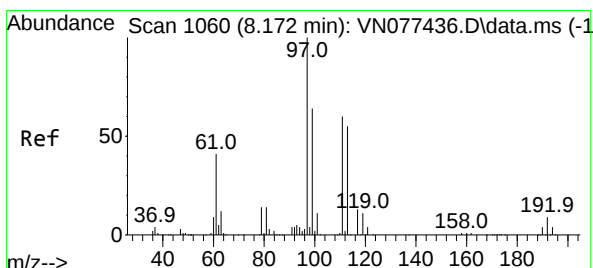
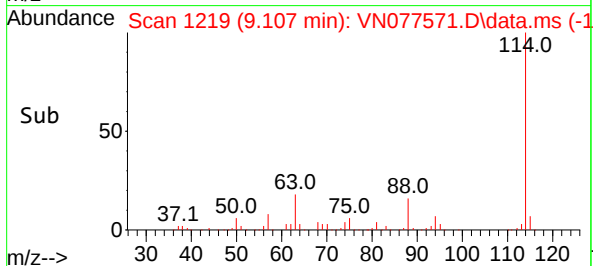
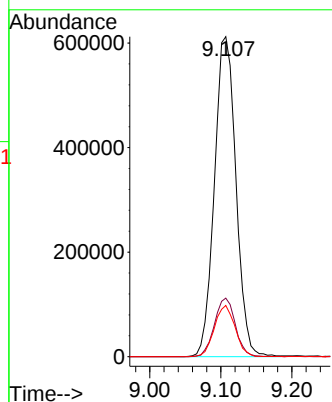
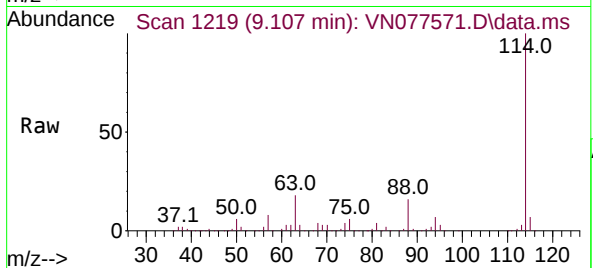
Tgt Ion:114 Resp: 1287568

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.4

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.350 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077571.D

Acq: 03 May 2023 18:35

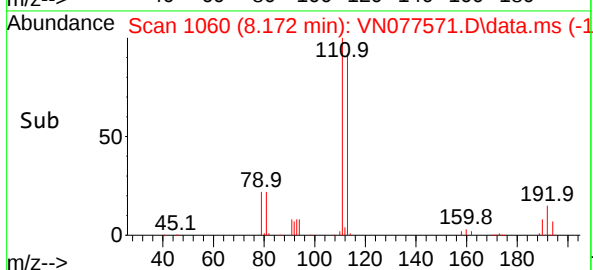
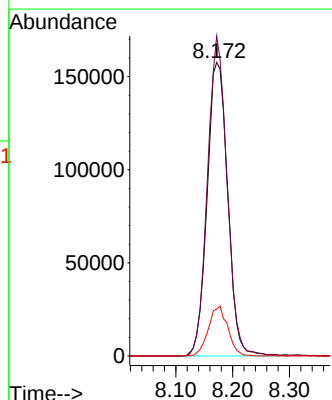
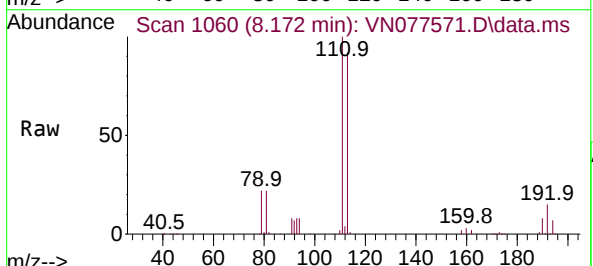
Tgt Ion:113 Resp: 397389

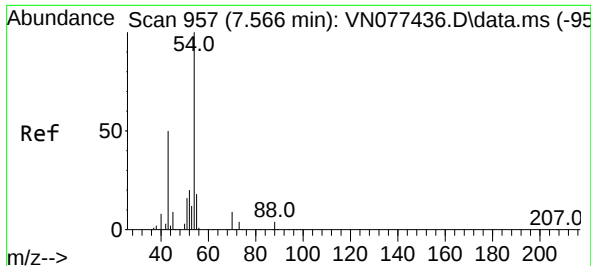
Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

192 16.0 12.7 19.1

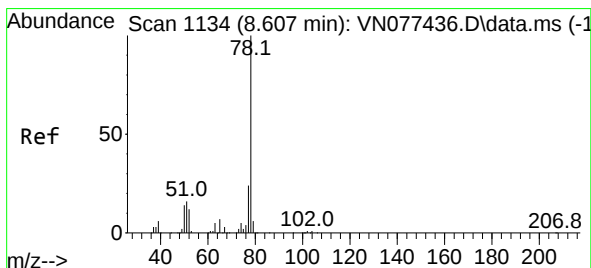
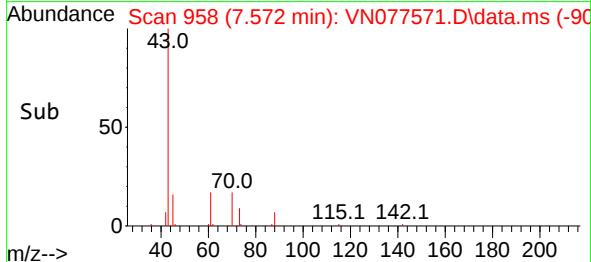
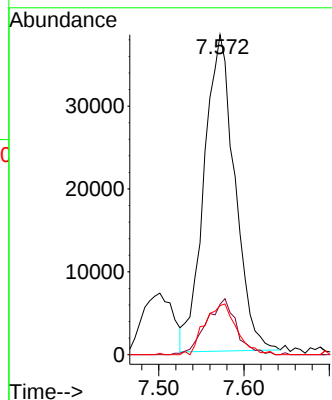
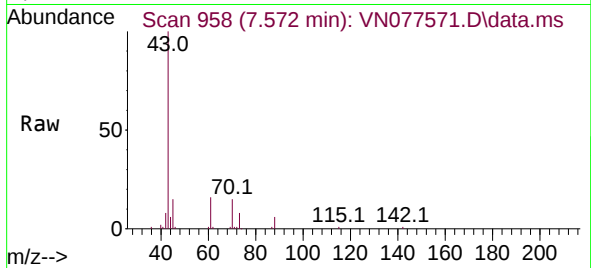




#37
Ethyl Acetate
Concen: 11.243 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

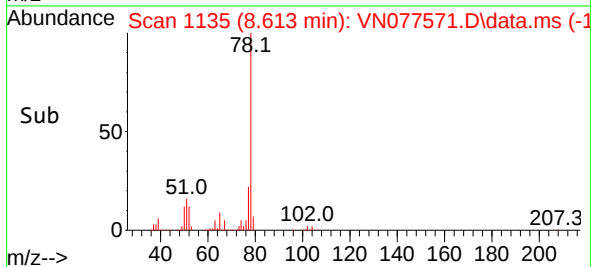
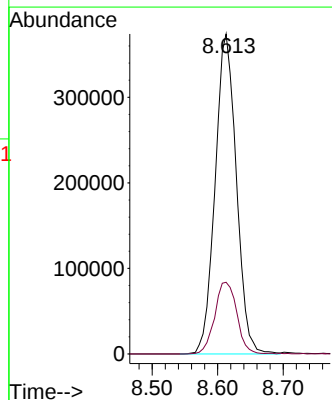
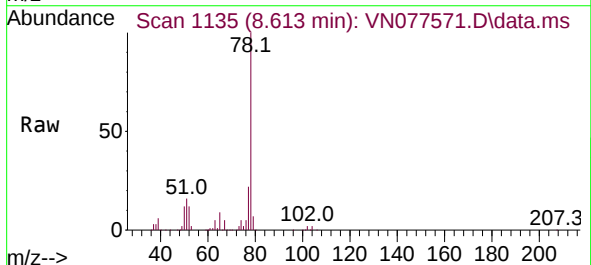
Instrument :
MSVOA_N
ClientSampleId :
AUD-1991

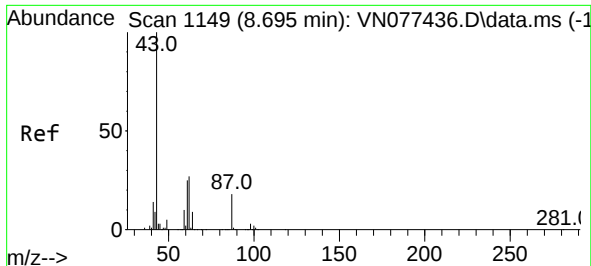
Tgt Ion: 43 Resp: 95516
Ion Ratio Lower Upper
43 100
61 17.3 13.2 19.8
70 16.7 11.3 16.9



#40
Benzene
Concen: 24.622 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

Tgt Ion: 78 Resp: 838614
Ion Ratio Lower Upper
78 100
77 22.4 19.0 28.6

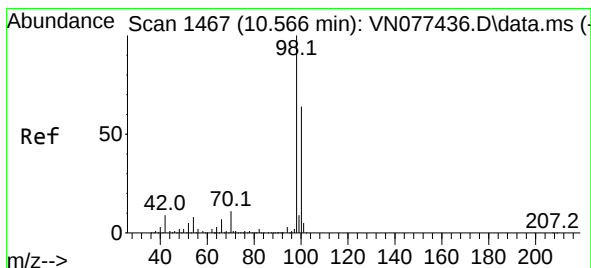
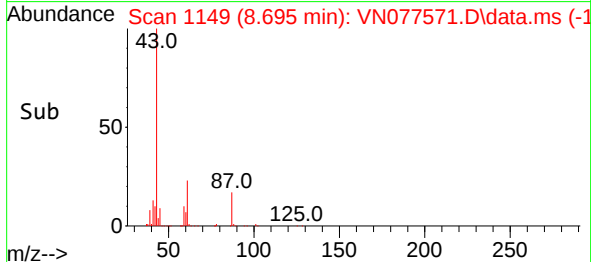
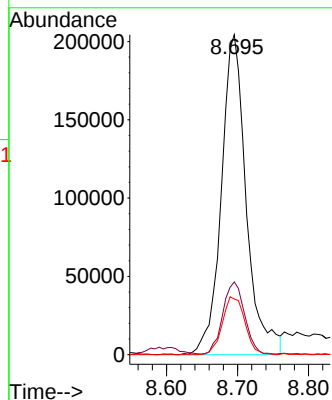
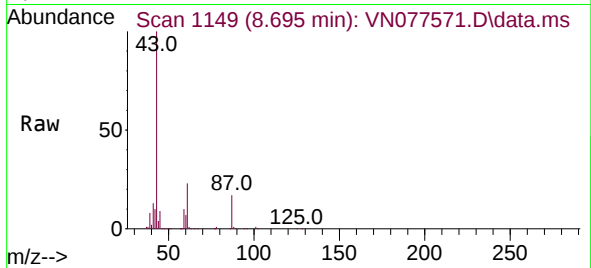




#43
Isopropyl Acetate
Concen: 33.902 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

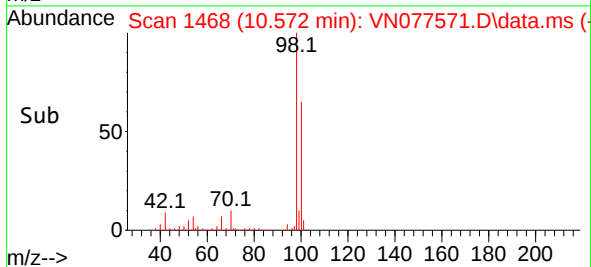
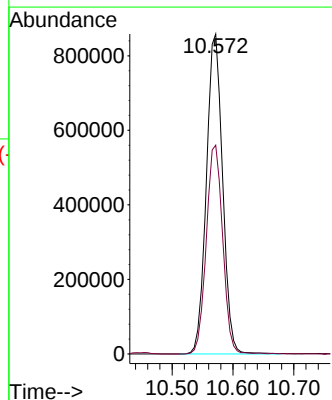
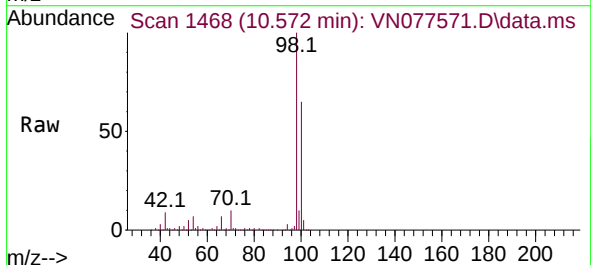
Instrument :
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ClientSampleId :
AUD-1991

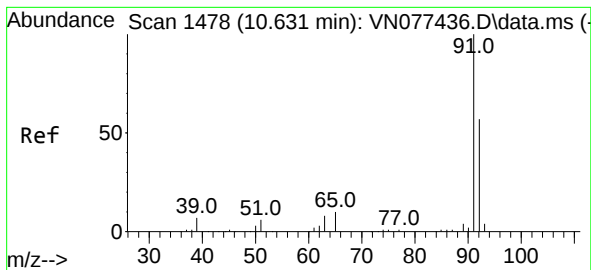
Tgt Ion: 43 Resp: 498283
Ion Ratio Lower Upper
43 100
61 19.6 24.7 37.1#
87 16.3 14.6 21.8



#50
Toluene-d8
Concen: 53.652 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

Tgt Ion: 98 Resp: 1591317
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0





#52

Toluene

Concen: 26.147 ug/l

RT: 10.630 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VN077571.D

Acq: 03 May 2023 18:35

Instrument :

MSVOA_N

ClientSampleId :

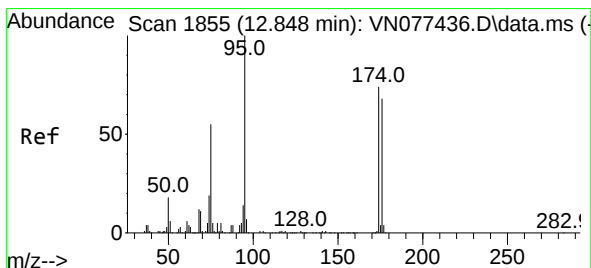
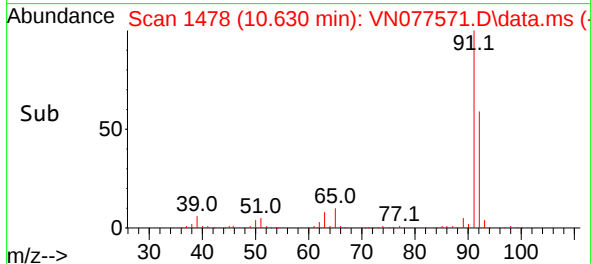
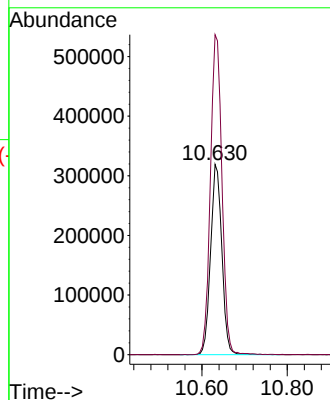
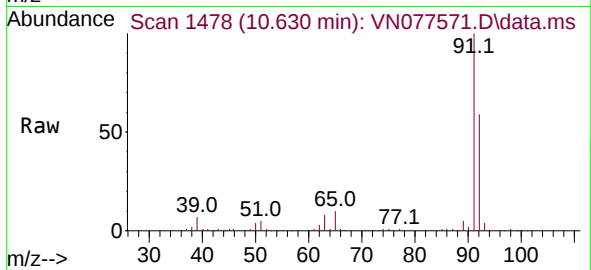
AUD-1991

Tgt Ion: 92 Resp: 583417

Ion Ratio Lower Upper

92 100

91 173.2 137.4 206.0



#62

4-Bromofluorobenzene

Concen: 55.522 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VN077571.D

Acq: 03 May 2023 18:35

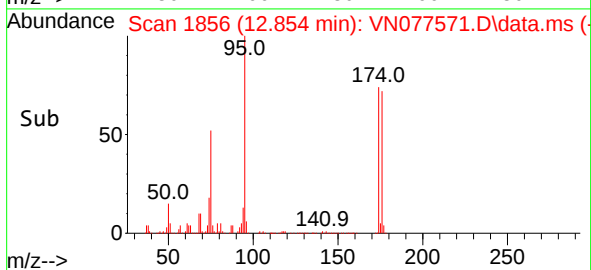
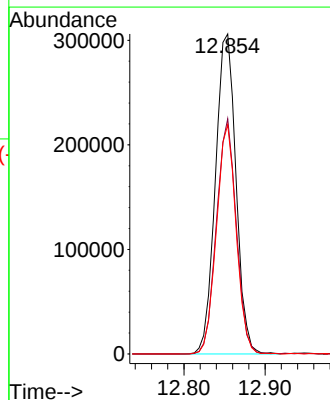
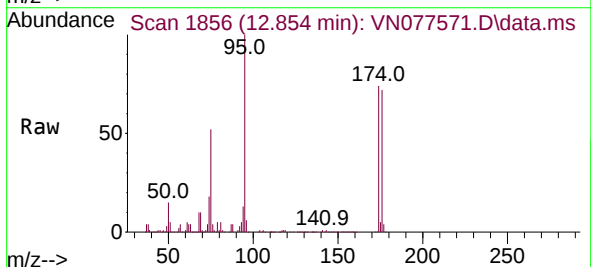
Tgt Ion: 95 Resp: 538787

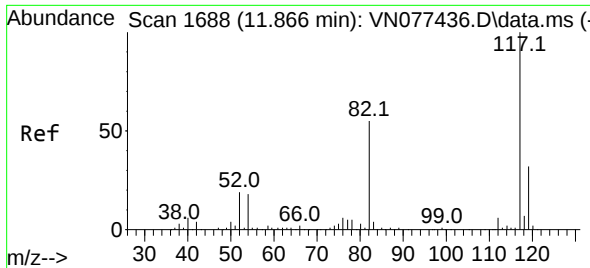
Ion Ratio Lower Upper

95 100

174 70.8 0.0 143.8

176 68.7 0.0 135.8

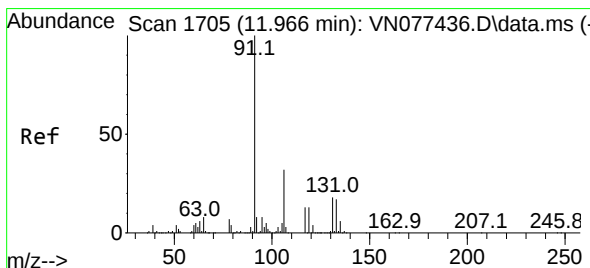
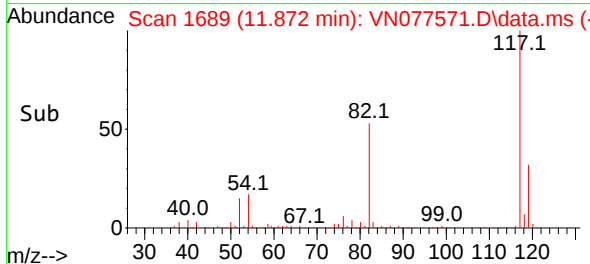
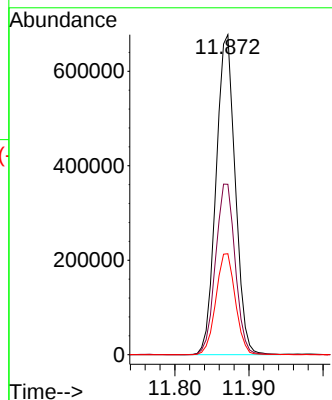
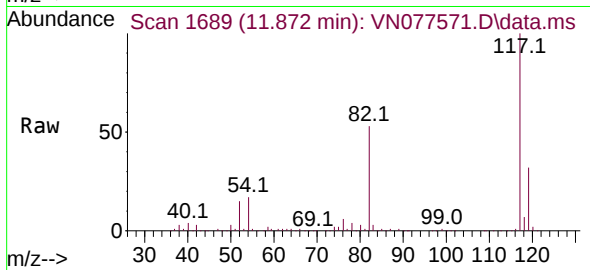




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

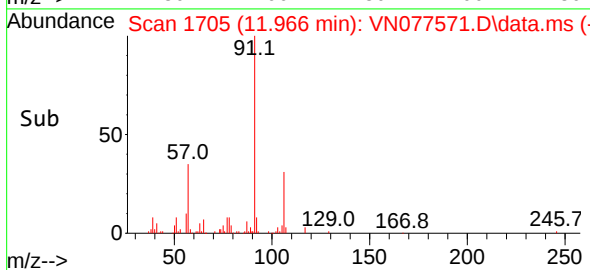
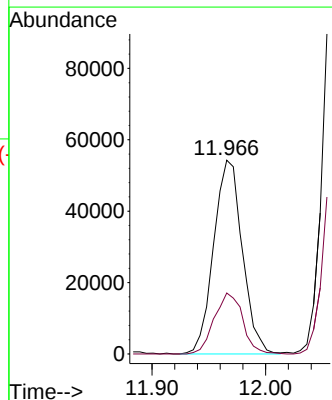
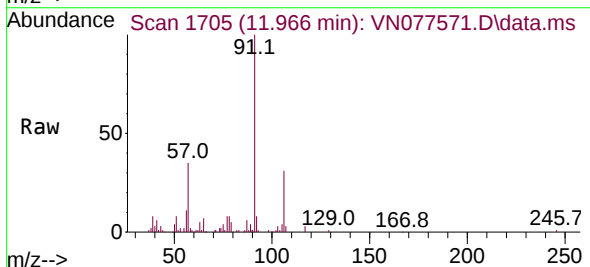
Instrument :
MSVOA_N
ClientSampleId :
AUD-1991

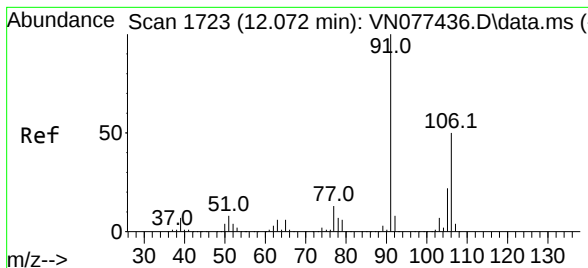
Tgt Ion:117 Resp: 1217682
Ion Ratio Lower Upper
117 100
82 53.2 44.0 66.0
119 31.6 25.6 38.4



#67
Ethyl Benzene
Concen: 2.102 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

Tgt Ion: 91 Resp: 95353
Ion Ratio Lower Upper
91 100
106 31.4 25.6 38.4

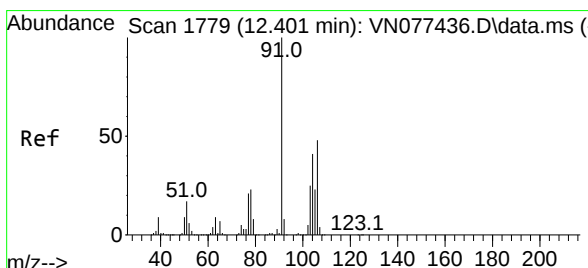
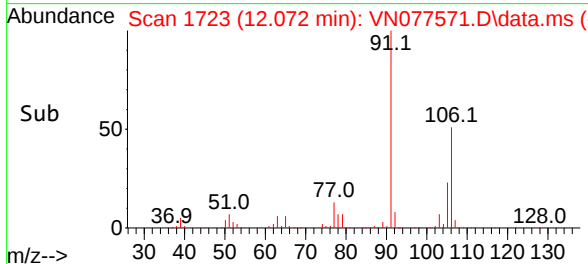
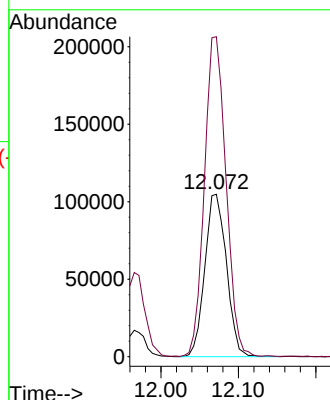
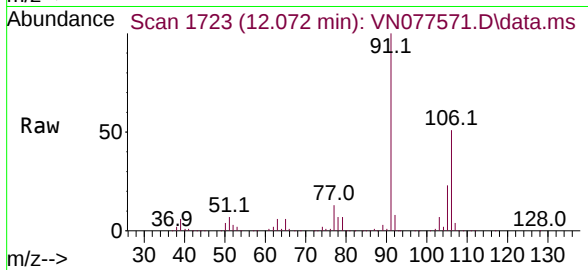




#68
m/p-Xylenes
Concen: 11.525 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

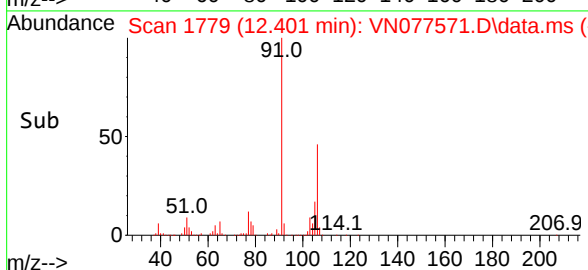
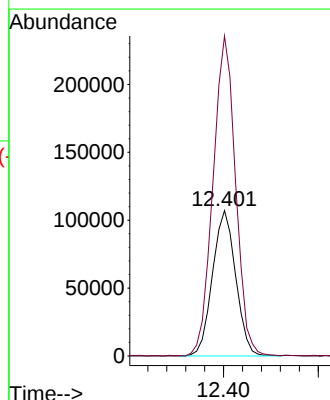
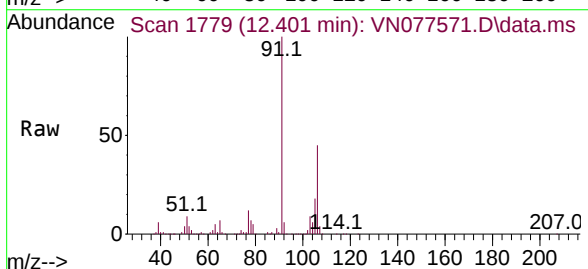
Instrument :
MSVOA_N
ClientSampleId :
AUD-1991

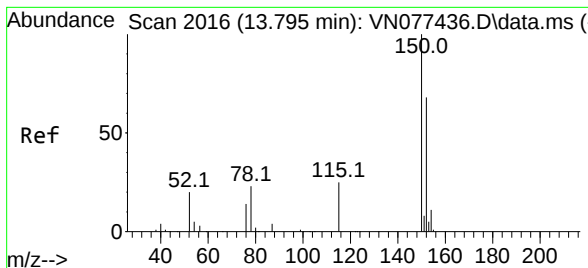
Tgt Ion:106 Resp: 203185
Ion Ratio Lower Upper
106 100
91 196.0 159.6 239.4



#69
o-Xylene
Concen: 10.526 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077571.D
Acq: 03 May 2023 18:35

Tgt Ion:106 Resp: 182526
Ion Ratio Lower Upper
106 100
91 213.6 105.2 315.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077571.D

Acq: 03 May 2023 18:35

Instrument :

MSVOA_N

ClientSampleId :

AUD-1991

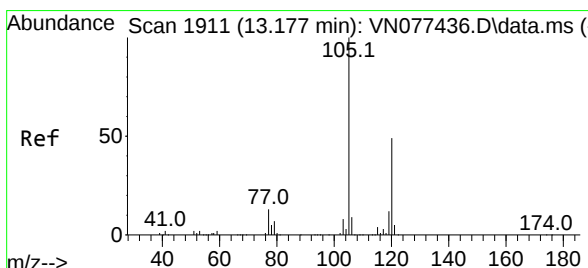
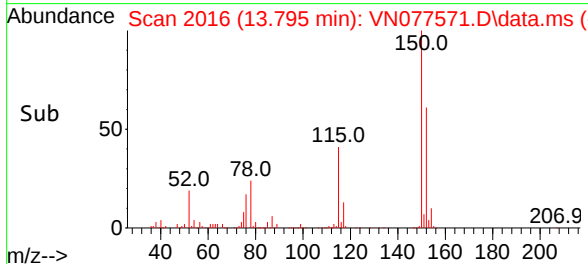
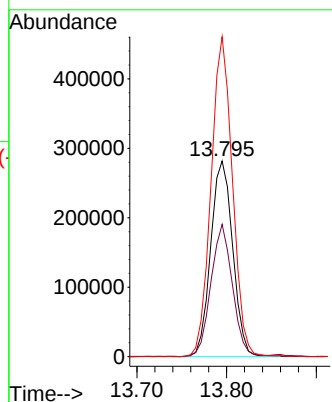
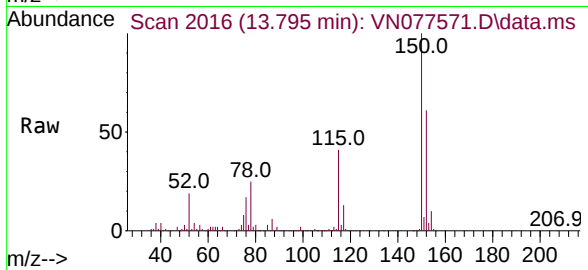
Tgt Ion:152 Resp: 480810

Ion Ratio Lower Upper

152 100

115 65.6 32.3 96.8

150 158.9 0.0 355.8



#80

1,3,5-Trimethylbenzene

Concen: 1.354 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077571.D

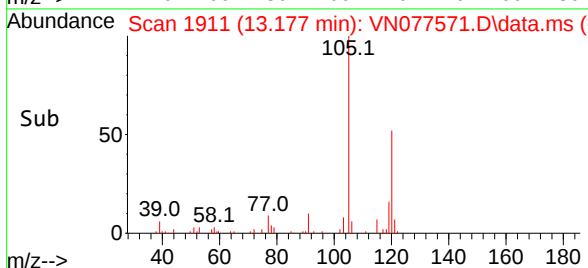
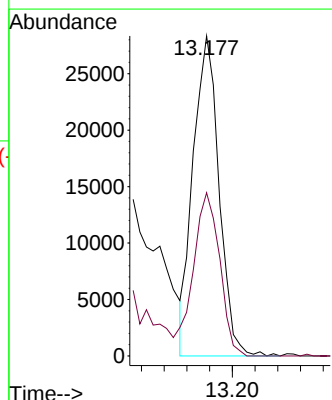
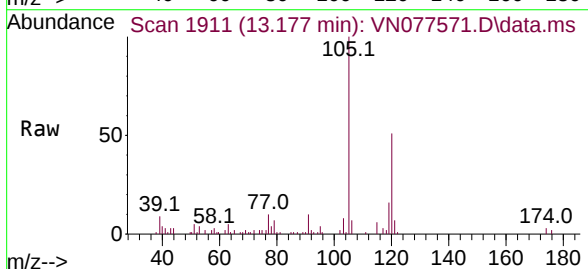
Acq: 03 May 2023 18:35

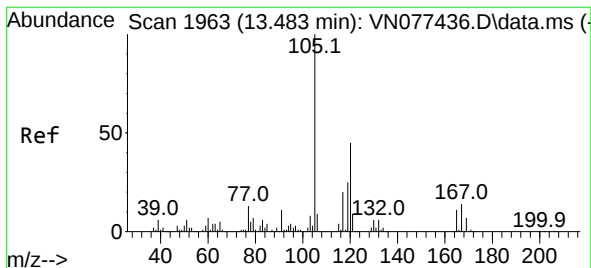
Tgt Ion:105 Resp: 44854

Ion Ratio Lower Upper

105 100

120 52.3 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 6.094 ug/l

RT: 13.483 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VN077571.D

Acq: 03 May 2023 18:35

Instrument :

MSVOA_N

ClientSampleId :

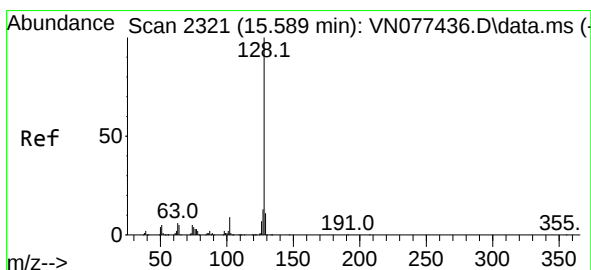
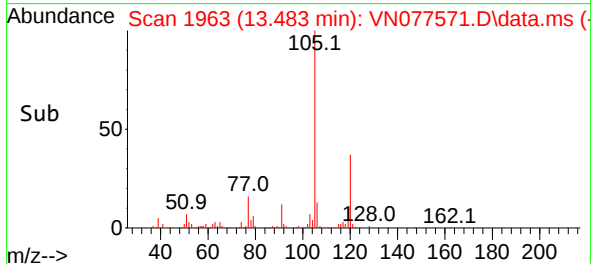
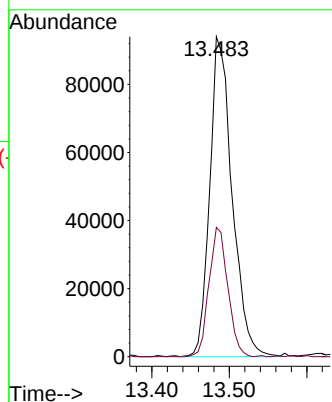
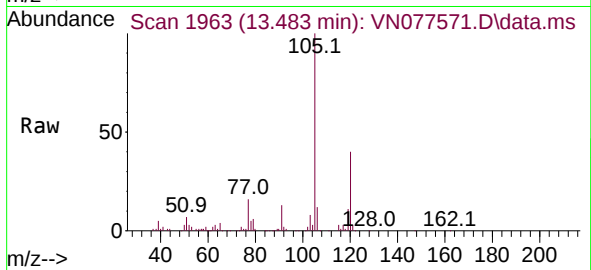
AUD-1991

Tgt Ion:105 Resp: 188586

Ion Ratio Lower Upper

105 100

120 33.9 22.0 66.0



#95

Naphthalene

Concen: 96.782 ug/l

RT: 15.642 min Scan# 2330

Delta R.T. 0.053 min

Lab File: VN077571.D

Acq: 03 May 2023 18:35

Tgt Ion:128 Resp: 2838753

Ion Ratio Lower Upper

128 100

127 12.4 10.0 15.0

129 11.0 8.7 13.1

