

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050423\
 Data File : VN077583.D
 Acq On : 04 May 2023 17:01
 Operator : JC\MD
 Sample : 02566-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1991

Quant Time: May 05 04:11:15 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)

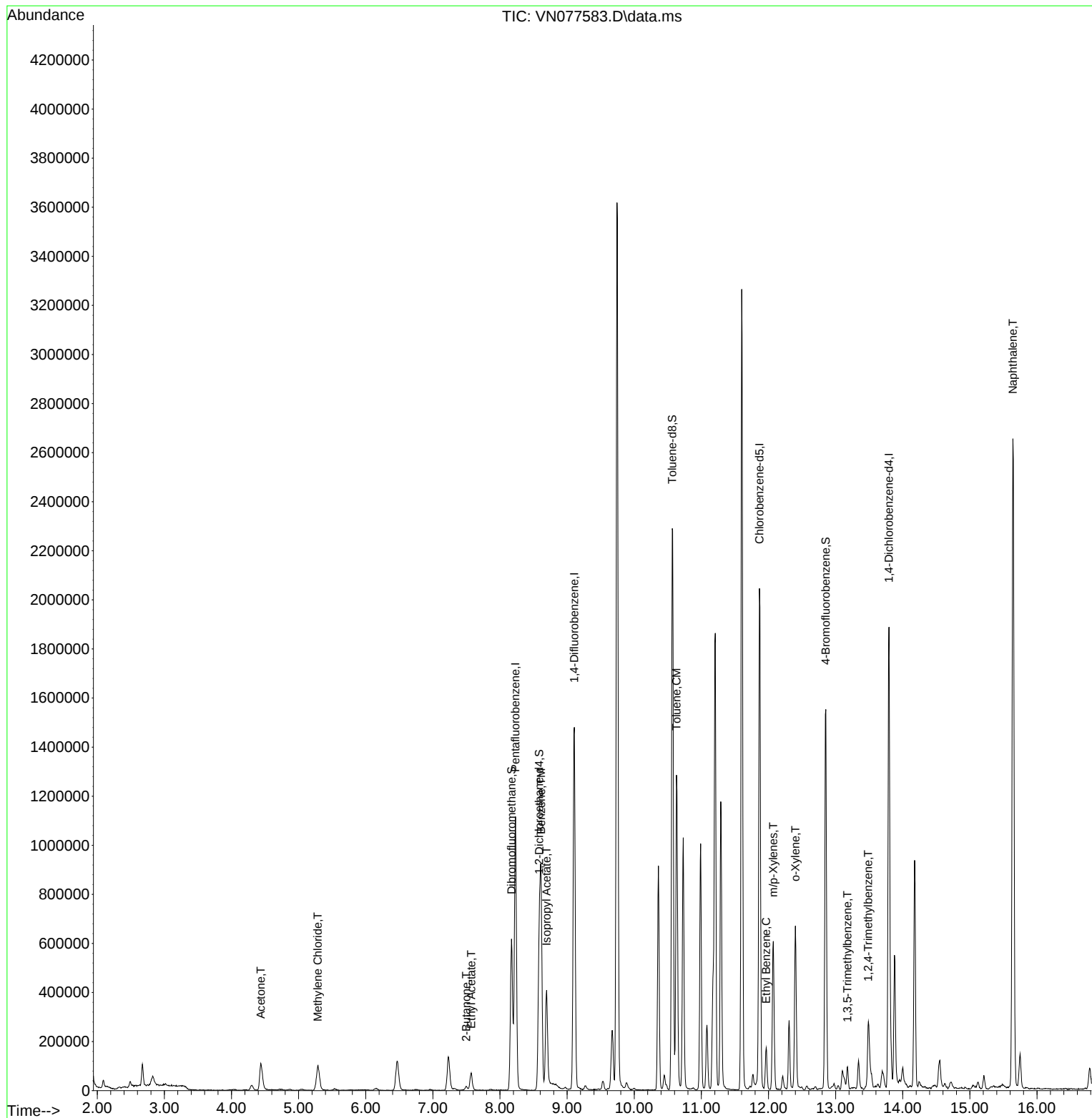
Internal Standards						
1) Pentafluorobenzene	8.231	168	794922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1442992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1340179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	533081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	462211	44.560	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.120%
35) Dibromofluoromethane	8.172	113	448641	51.728	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.460%
50) Toluene-d8	10.566	98	1748802	52.611	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.220%
62) 4-Bromofluorobenzene	12.854	95	612085	56.282	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.560%
Target Compounds						
					Qvalue	
16) Acetone	4.437	43	198605	60.183	ug/l #	87
20) Methylene Chloride	5.284	84	96210	9.193	ug/l #	85
25) 2-Butanone	7.495	43	22145	4.731	ug/l	97
37) Ethyl Acetate	7.572	43	92115	9.675	ug/l #	91
40) Benzene	8.613	78	883189	23.138	ug/l	98
43) Isopropyl Acetate	8.695	43	446586	27.112	ug/l #	90
52) Toluene	10.630	92	619180	24.761	ug/l	100
67) Ethyl Benzene	11.966	91	100353	2.010	ug/l	97
68) m/p-Xylenes	12.072	106	213640	11.011	ug/l	98
69) o-Xylene	12.401	106	190014	9.956	ug/l	96
80) 1,3,5-Trimethylbenzene	13.177	105	49217	1.340	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	200006	5.830	ug/l	84
95) Naphthalene	15.642	128	2694944	87.698	ug/l	99

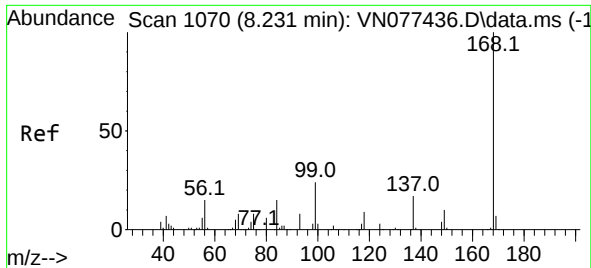
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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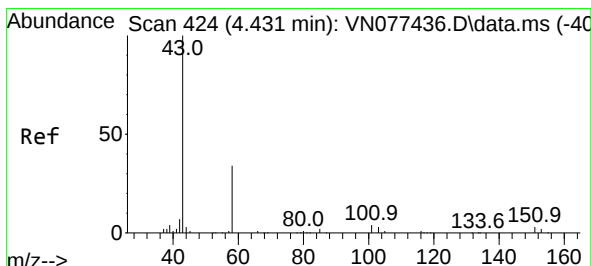
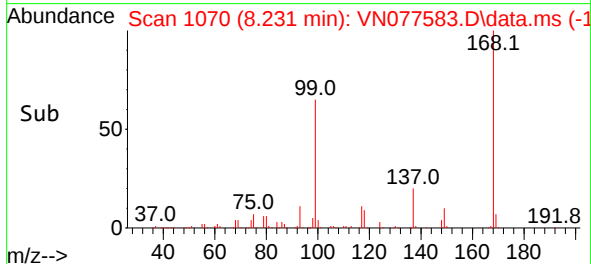
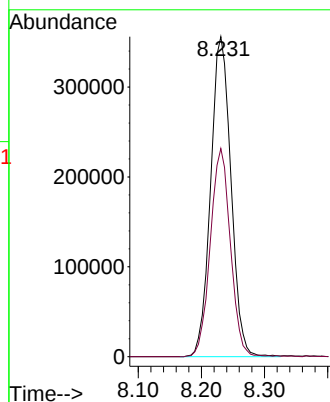
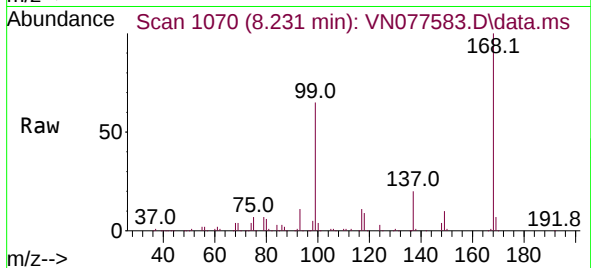




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077583.D
Acq: 04 May 2023 17:01

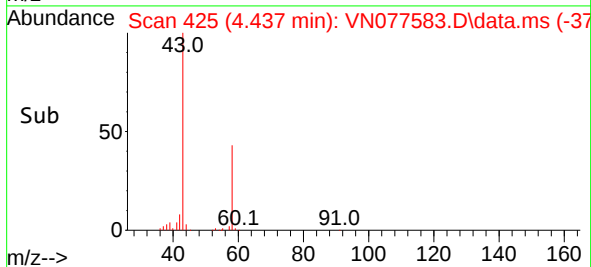
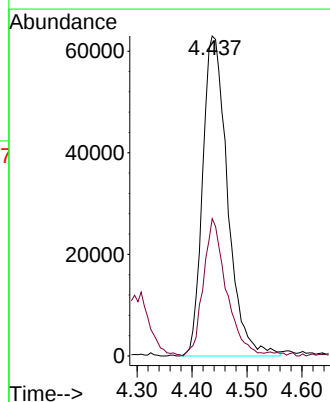
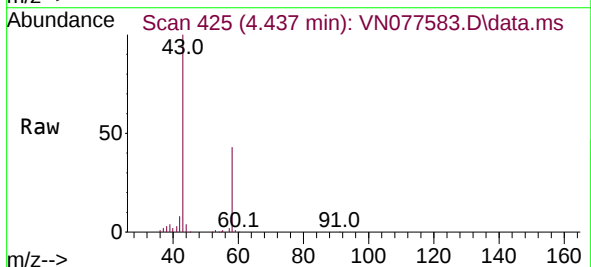
Instrument :
MSVOA_N
ClientSampleId :
AUD-1991

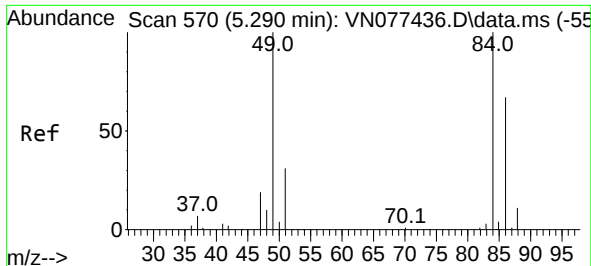
Tgt Ion:168 Resp: 794922
Ion Ratio Lower Upper
168 100
99 65.1 53.0 79.6



#16
Acetone
Concen: 60.183 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077583.D
Acq: 04 May 2023 17:01

Tgt Ion: 43 Resp: 198605
Ion Ratio Lower Upper
43 100
58 42.5 28.0 42.0#





#20

Methylene Chloride

Concen: 9.193 ug/l

RT: 5.284 min Scan# 5

Delta R.T. -0.006 min

Lab File: VN077583.D

Acq: 04 May 2023 17:01

Instrument :

MSVOA_N

ClientSampleId :

AUD-1991

Tgt Ion: 84 Resp: 96210

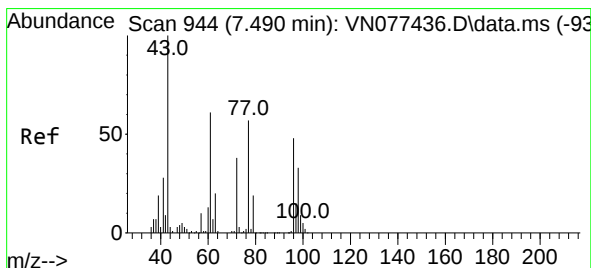
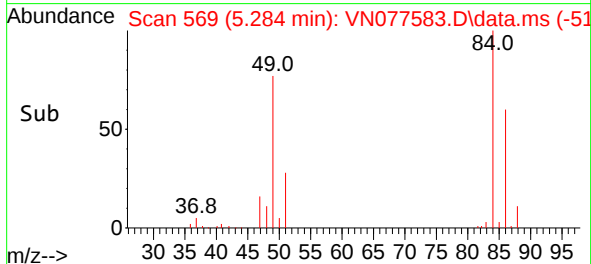
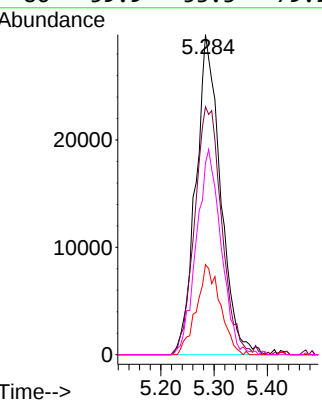
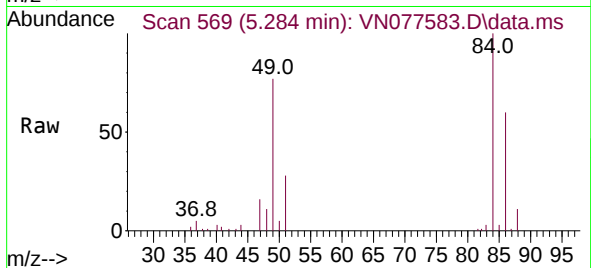
Ion Ratio Lower Upper

84 100

49 77.5 79.7 119.5#

51 28.2 25.2 37.8

86 59.9 53.3 79.9



#25

2-Butanone

Concen: 4.731 ug/l

RT: 7.495 min Scan# 945

Delta R.T. 0.006 min

Lab File: VN077583.D

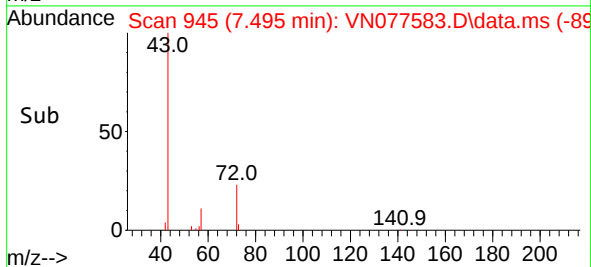
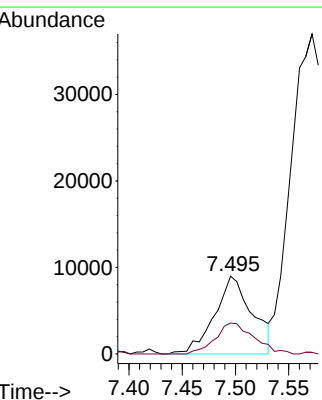
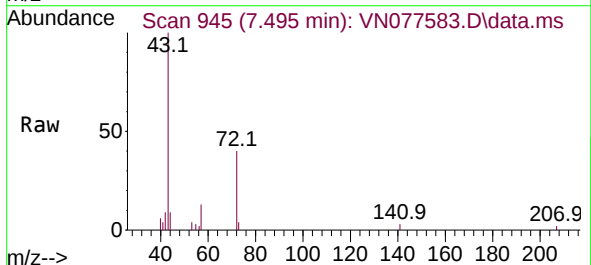
Acq: 04 May 2023 17:01

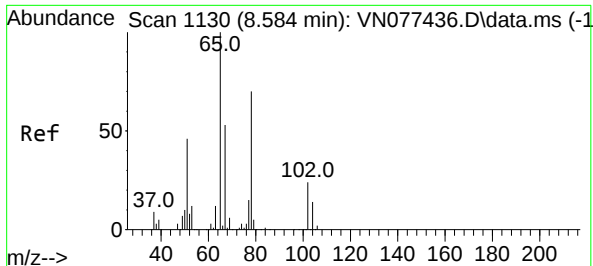
Tgt Ion: 43 Resp: 22145

Ion Ratio Lower Upper

43 100

72 39.8 30.2 45.2





#33

1,2-Dichloroethane-d4

Concen: 44.560 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077583.D

Acq: 04 May 2023 17:01

Instrument :

MSVOA_N

ClientSampleId :

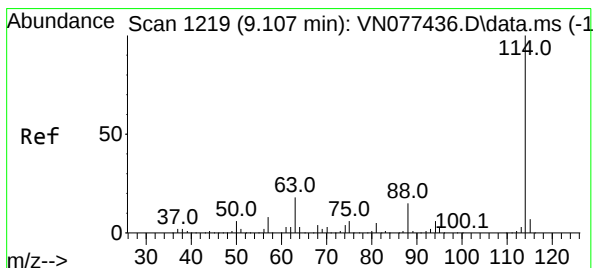
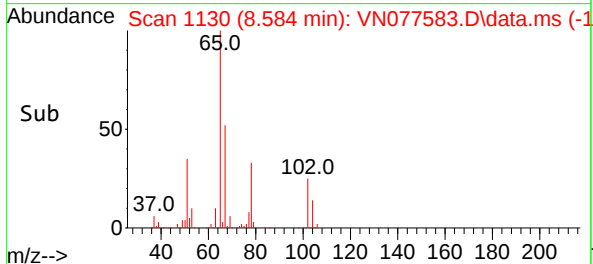
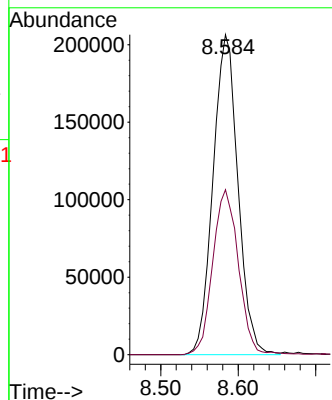
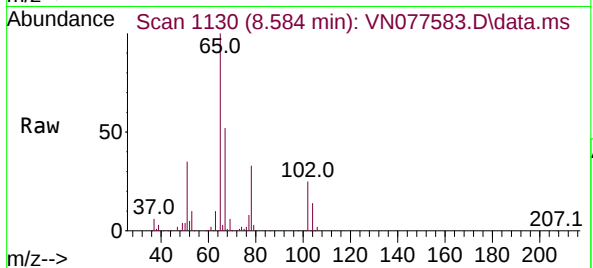
AUD-1991

Tgt Ion: 65 Resp: 462211

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077583.D

Acq: 04 May 2023 17:01

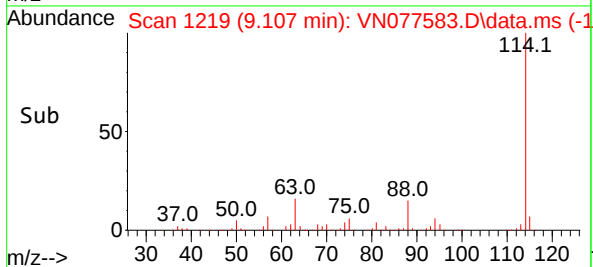
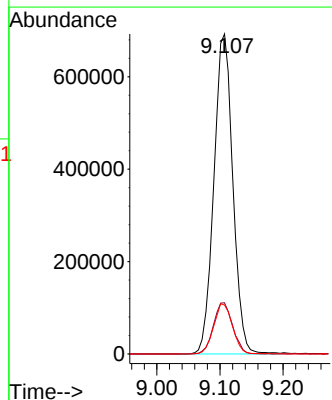
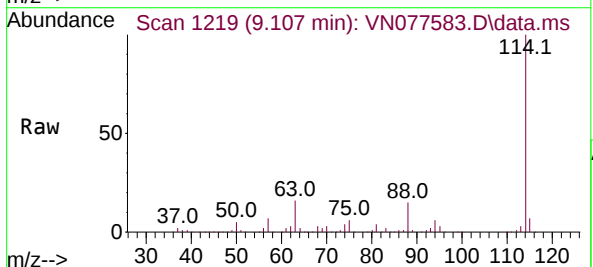
Tgt Ion: 114 Resp: 1442992

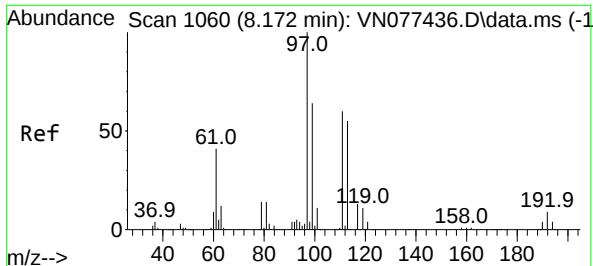
Ion Ratio Lower Upper

114 100

63 16.0 0.0 36.4

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.728 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077583.D

Acq: 04 May 2023 17:01

Instrument :

MSVOA_N

ClientSampleId :

AUD-1991

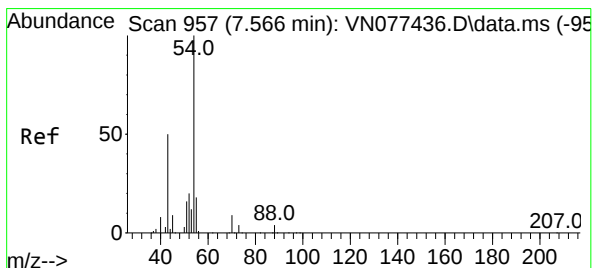
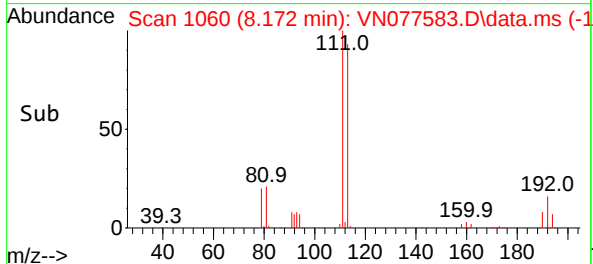
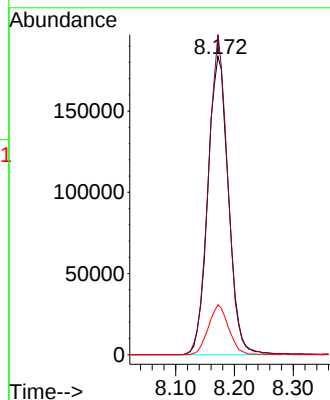
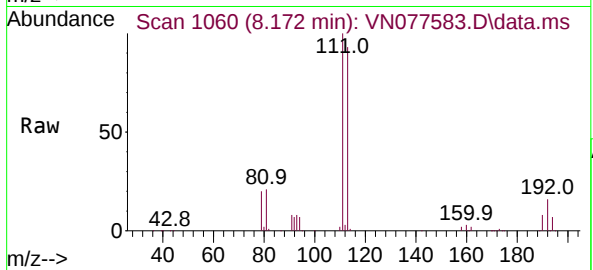
Tgt Ion:113 Resp: 448641

Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

192 16.4 12.7 19.1



#37

Ethyl Acetate

Concen: 9.675 ug/l

RT: 7.572 min Scan# 958

Delta R.T. 0.006 min

Lab File: VN077583.D

Acq: 04 May 2023 17:01

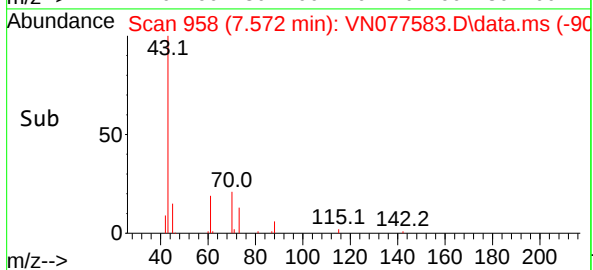
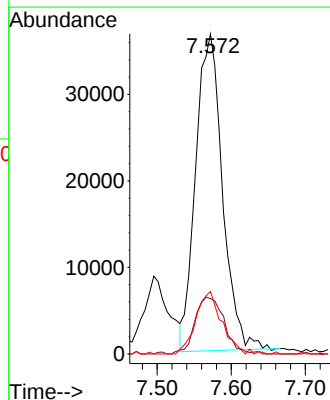
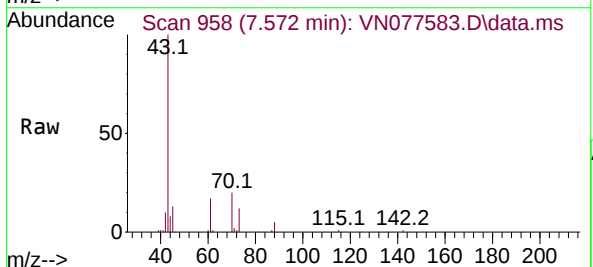
Tgt Ion: 43 Resp: 92115

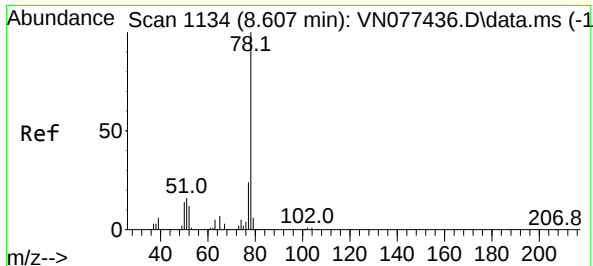
Ion Ratio Lower Upper

43 100

61 19.5 13.2 19.8

70 18.8 11.3 16.9

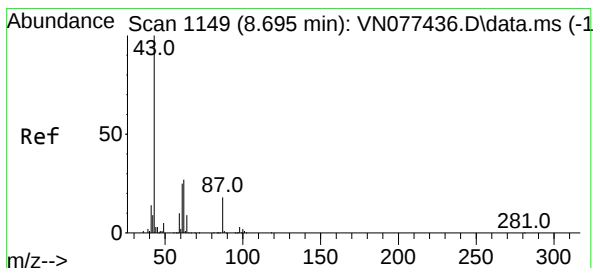
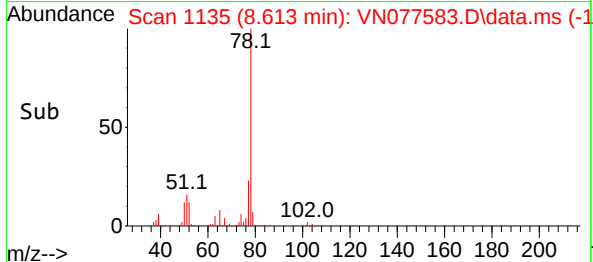
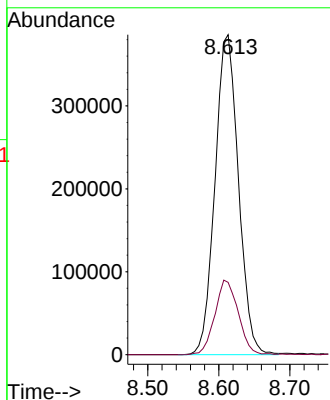
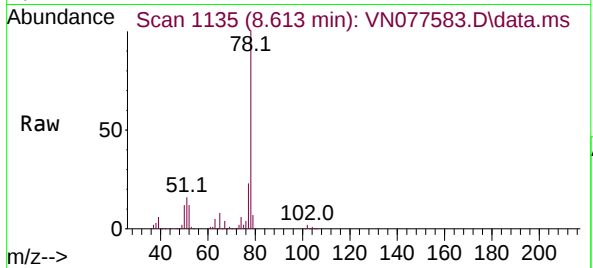




#40
Benzene
Concen: 23.138 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077583.D
Acq: 04 May 2023 17:01

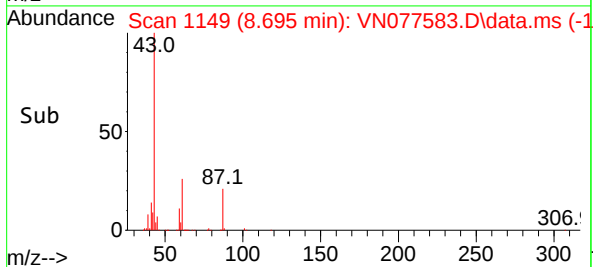
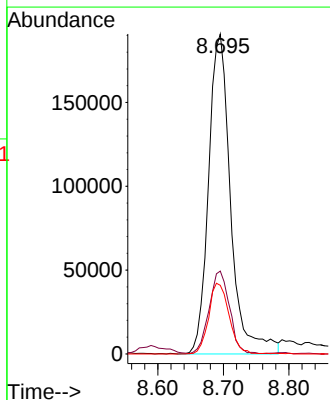
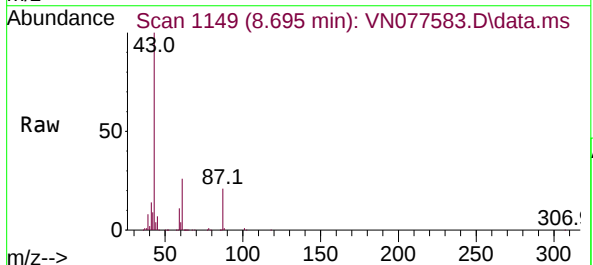
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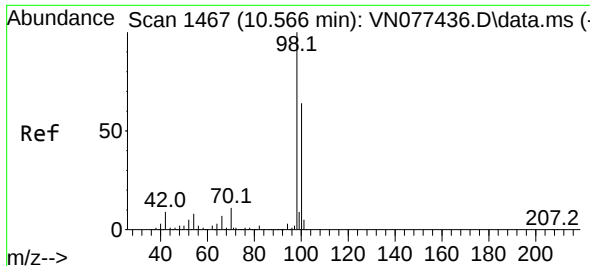
Tgt Ion: 78 Resp: 883189
Ion Ratio Lower Upper
78 100
77 22.6 19.0 28.6



#43
Isopropyl Acetate
Concen: 27.112 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077583.D
Acq: 04 May 2023 17:01

Tgt Ion: 43 Resp: 446586
Ion Ratio Lower Upper
43 100
61 23.6 24.7 37.1#
87 20.4 14.6 21.8

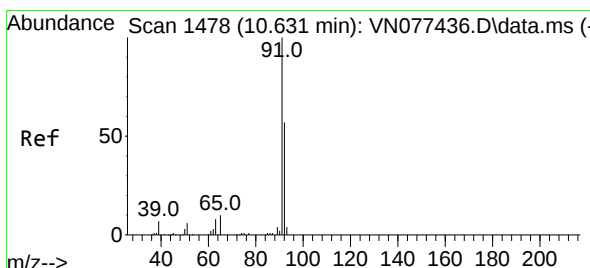
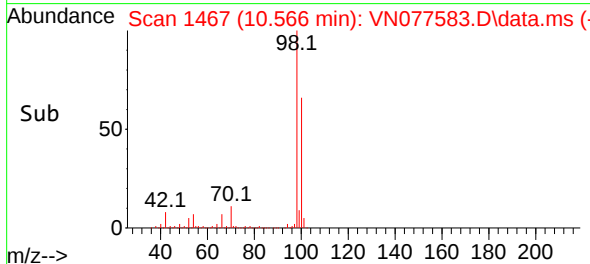
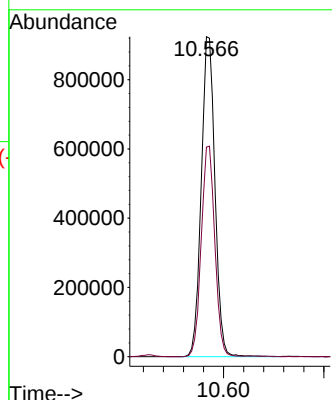
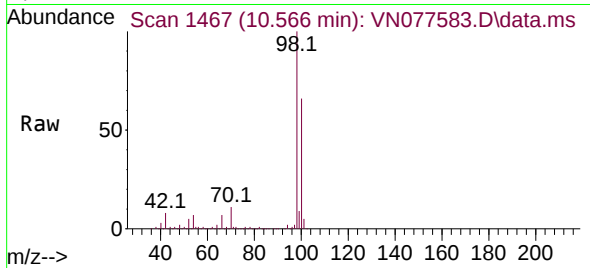




#50
Toluene-d8
Concen: 52.611 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN077583.D
Acq: 04 May 2023 17:01

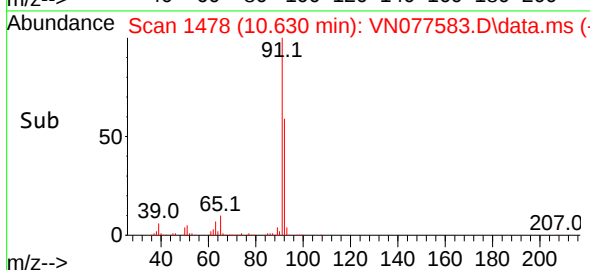
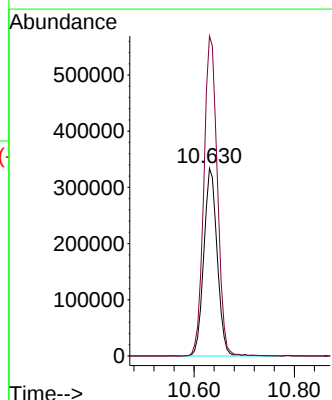
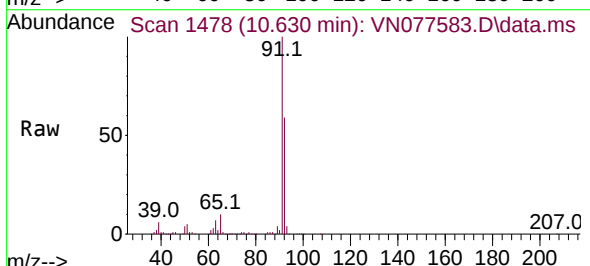
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AUD-1991

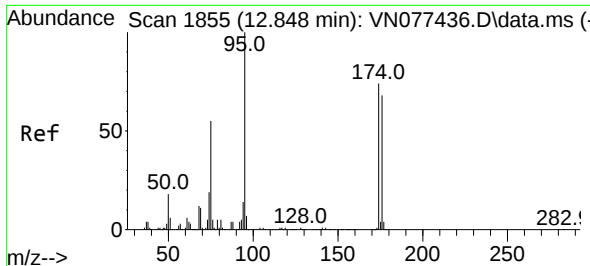
Tgt Ion: 98 Resp: 1748802
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#52
Toluene
Concen: 24.761 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077583.D
Acq: 04 May 2023 17:01

Tgt Ion: 92 Resp: 619180
Ion Ratio Lower Upper
92 100
91 172.3 137.4 206.0

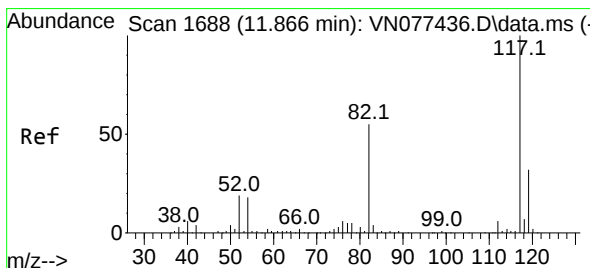
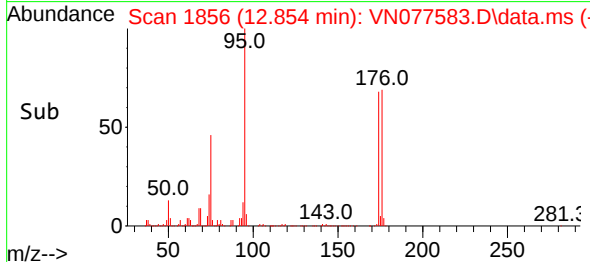
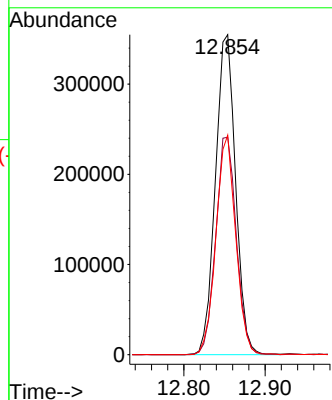
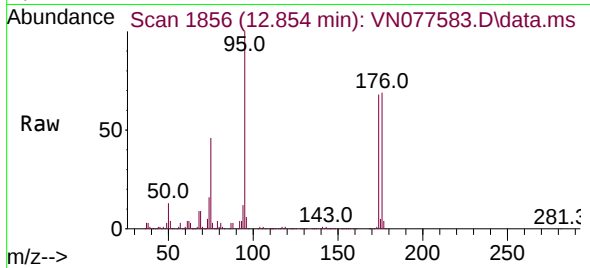




#62
4-Bromofluorobenzene
Concen: 56.282 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN077583.D
Acq: 04 May 2023 17:01

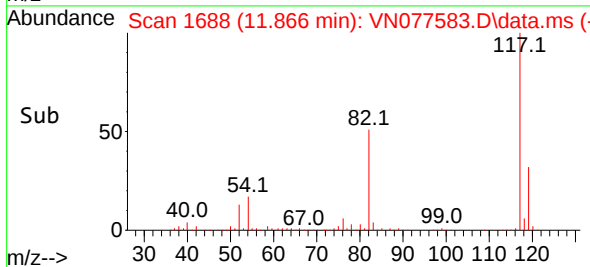
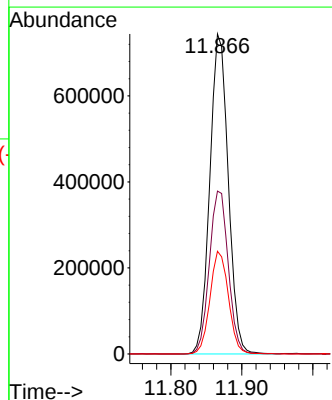
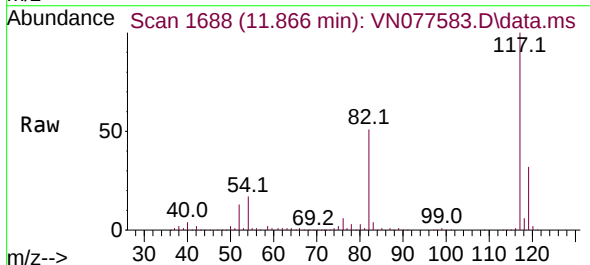
Instrument :
MSVOA_N
ClientSampleId :
AUD-1991

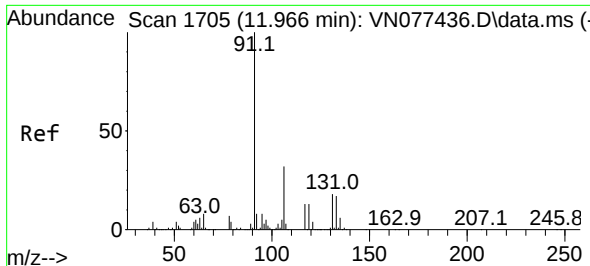
Tgt Ion: 95 Resp: 612085
Ion Ratio Lower Upper
95 100
174 69.6 0.0 143.8
176 67.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077583.D
Acq: 04 May 2023 17:01

Tgt Ion: 117 Resp: 1340179
Ion Ratio Lower Upper
117 100
82 50.9 44.0 66.0
119 32.1 25.6 38.4

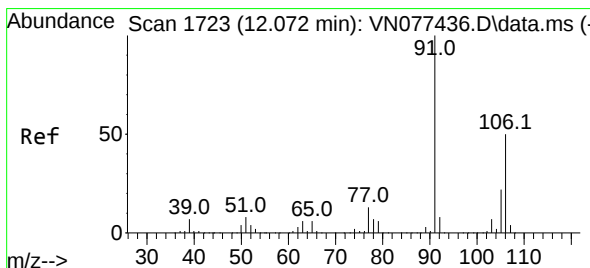
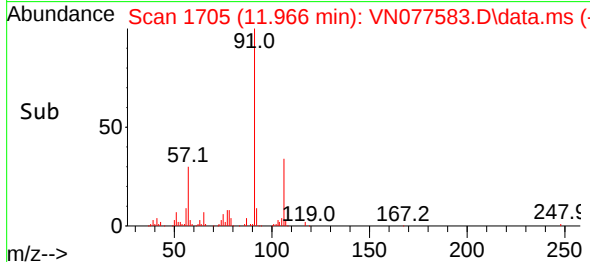
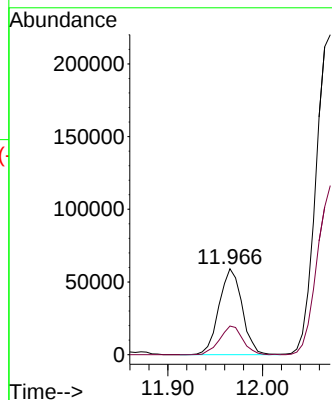
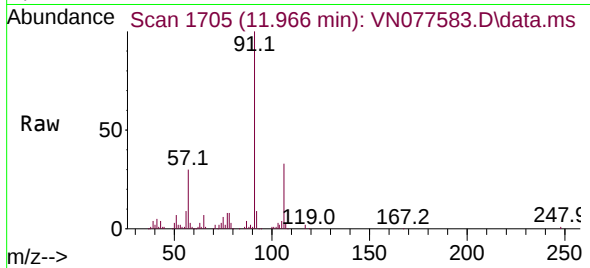




#67
Ethyl Benzene
Concen: 2.010 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077583.D
Acq: 04 May 2023 17:01

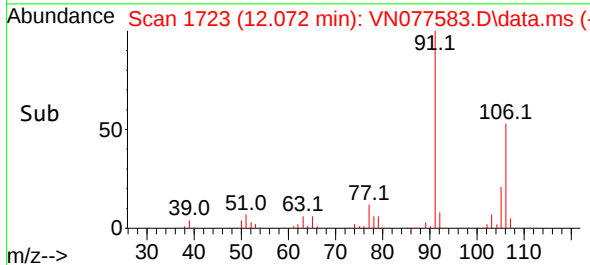
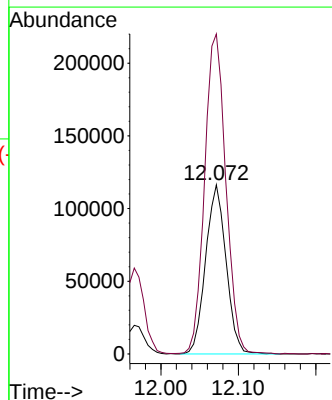
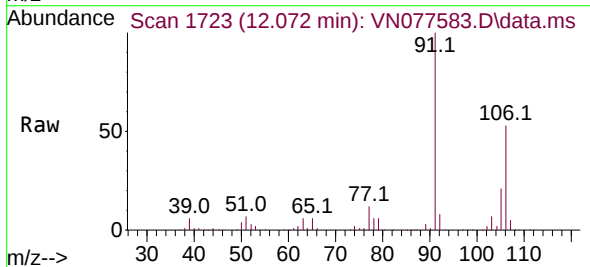
Instrument :
MSVOA_N
ClientSampleId :
AUD-1991

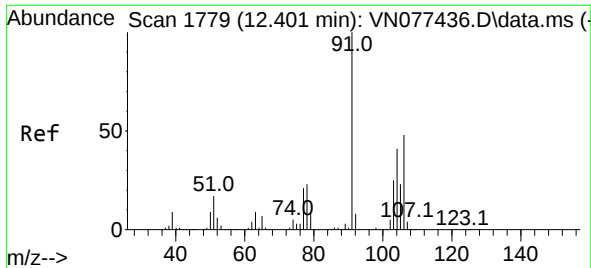
Tgt Ion: 91 Resp: 100353
Ion Ratio Lower Upper
91 100
106 33.4 25.6 38.4



#68
m/p-Xylenes
Concen: 11.011 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077583.D
Acq: 04 May 2023 17:01

Tgt Ion:106 Resp: 213640
Ion Ratio Lower Upper
106 100
91 196.3 159.6 239.4

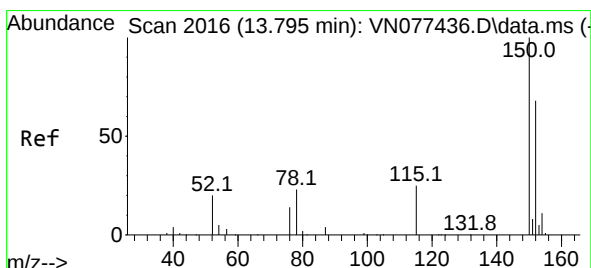
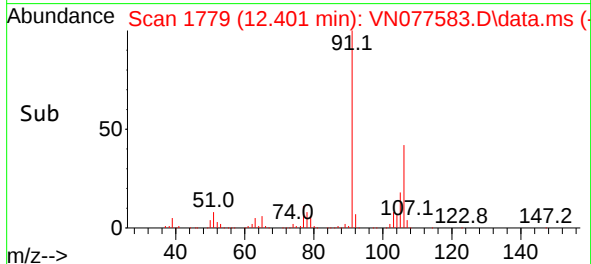
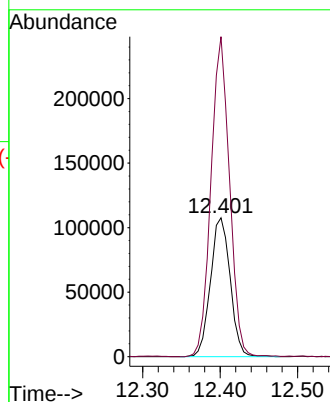
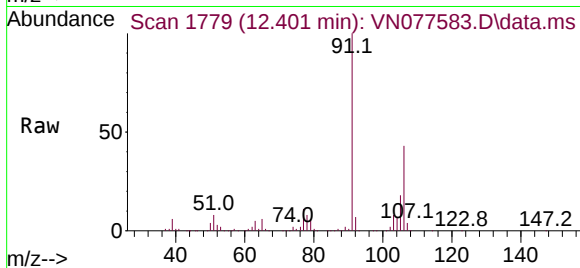




#69
o-Xylene
Concen: 9.956 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077583.D
Acq: 04 May 2023 17:01

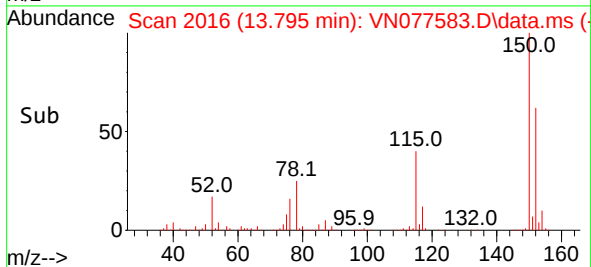
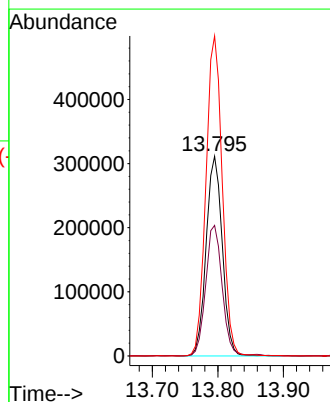
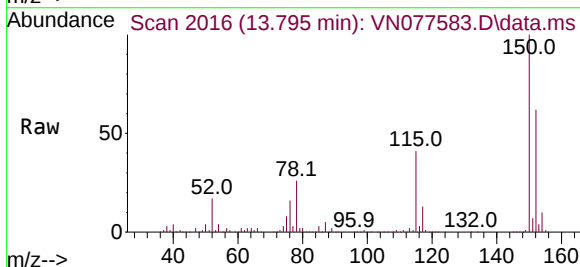
Instrument :
MSVOA_N
ClientSampleId :
AUD-1991

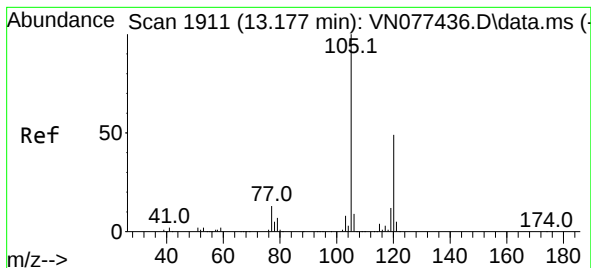
Tgt Ion:106 Resp: 190014
Ion Ratio Lower Upper
106 100
91 217.2 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077583.D
Acq: 04 May 2023 17:01

Tgt Ion:152 Resp: 533081
Ion Ratio Lower Upper
152 100
115 66.7 32.3 96.8
150 161.5 0.0 355.8





#80

1,3,5-Trimethylbenzene

Concen: 1.340 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077583.D

Acq: 04 May 2023 17:01

Instrument :

MSVOA_N

ClientSampleId :

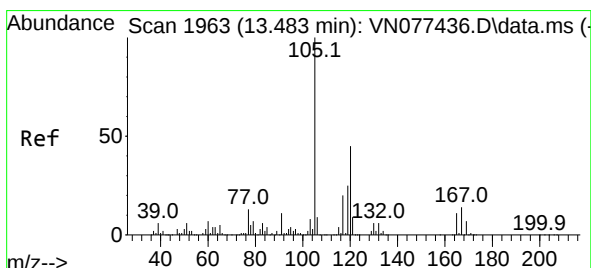
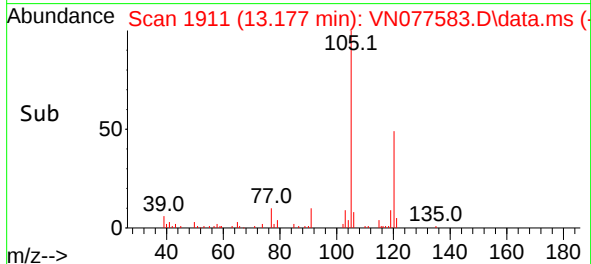
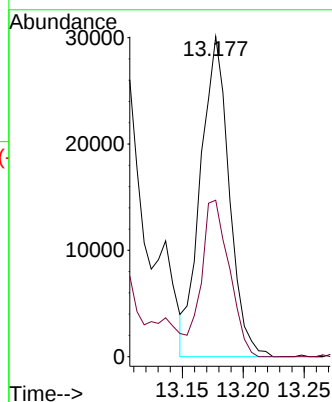
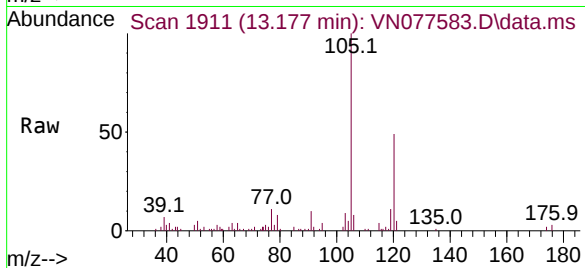
AUD-1991

Tgt Ion:105 Resp: 49217

Ion Ratio Lower Upper

105 100

120 47.2 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 5.830 ug/l

RT: 13.483 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VN077583.D

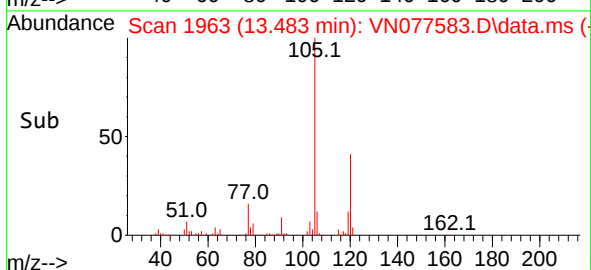
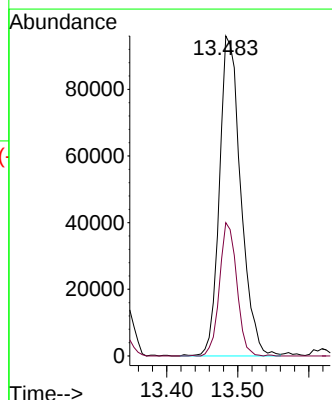
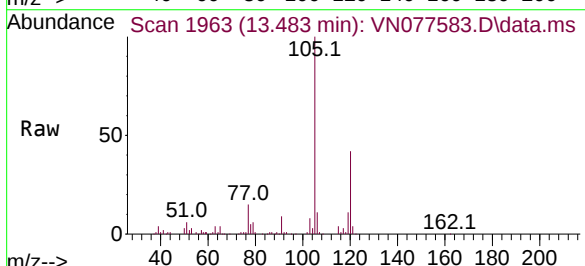
Acq: 04 May 2023 17:01

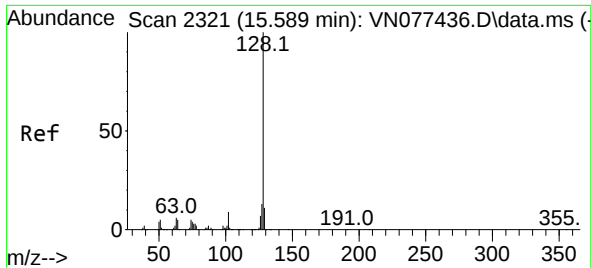
Tgt Ion:105 Resp: 200006

Ion Ratio Lower Upper

105 100

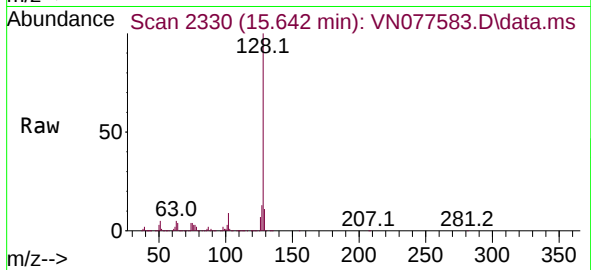
120 33.6 22.0 66.0





#95
Naphthalene
Concen: 87.698 ug/l
RT: 15.642 min Scan# 21
Delta R.T. 0.053 min
Lab File: VN077583.D
Acq: 04 May 2023 17:01

Instrument :
MSVOA_N
ClientSampleId :
AUD-1991



Tgt Ion:128 Resp: 2694944
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.8 8.7 13.1

