

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032423\
 Data File : VX034723.D
 Acq On : 24 Mar 2023 16:05
 Operator : JC/MD
 Sample : 02052-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-1699

Quant Time: Mar 27 01:32:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

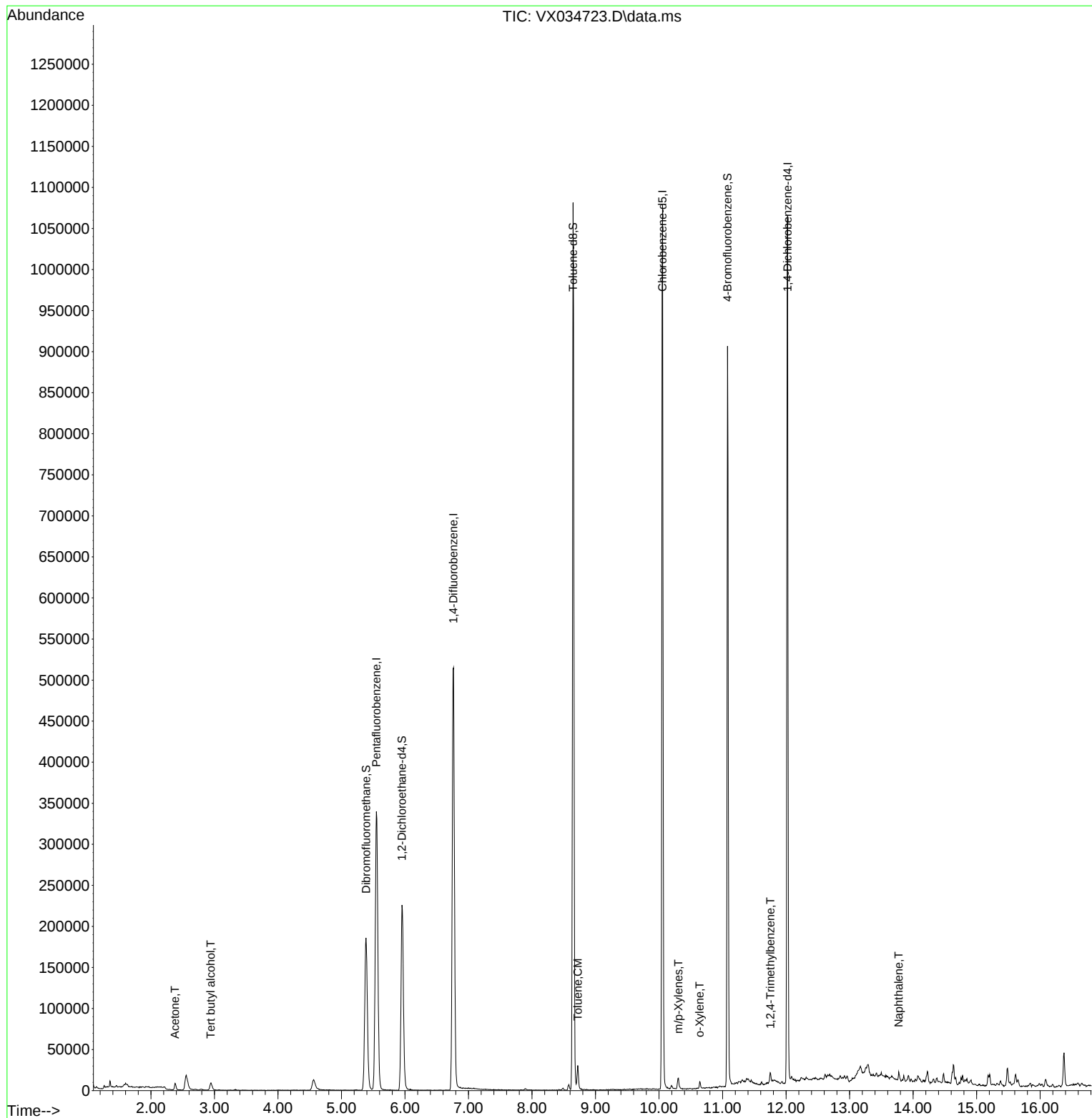
Internal Standards						
1) Pentafluorobenzene	5.550	168	310503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	520286	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	471484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	217776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	222636	49.286	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.580%		
35) Dibromofluoromethane	5.385	113	162791	47.389	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.780%		
50) Toluene-d8	8.647	98	626261	48.836	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.680%		
62) 4-Bromofluorobenzene	11.079	95	244047	47.115	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.240%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	6712	7.135	ug/l #	73
16) Acetone	2.380	43	9132	4.292	ug/l	95
52) Toluene	8.720	92	10886	1.139	ug/l	93
68) m/p-Xylenes	10.305	106	3429	0.482	ug/l	97
69) o-Xylene	10.640	106	2010	0.282	ug/l	80
84) 1,2,4-Trimethylbenzene	11.756	105	5413	0.375	ug/l	99
95) Naphthalene	13.774	128	6791	0.424	ug/l	97

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

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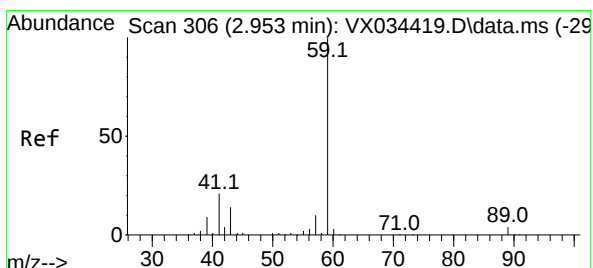
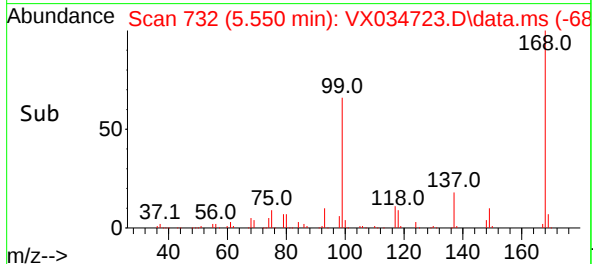
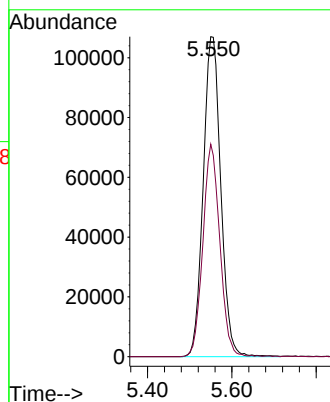
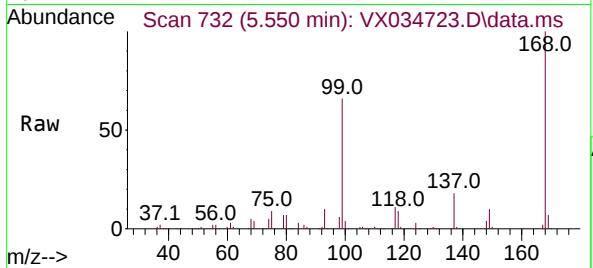




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034723.D
Acq: 24 Mar 2023 16:05

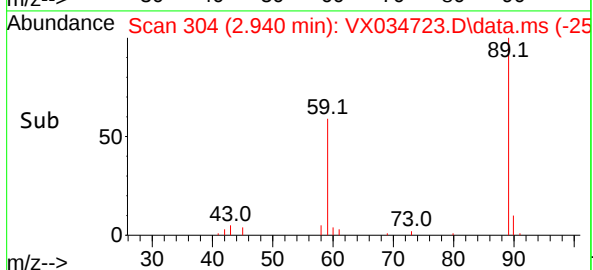
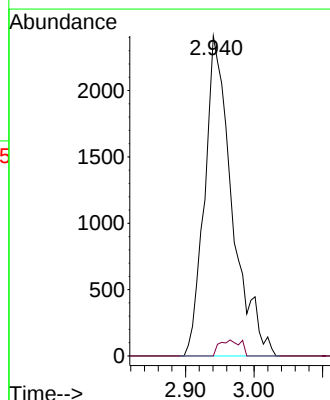
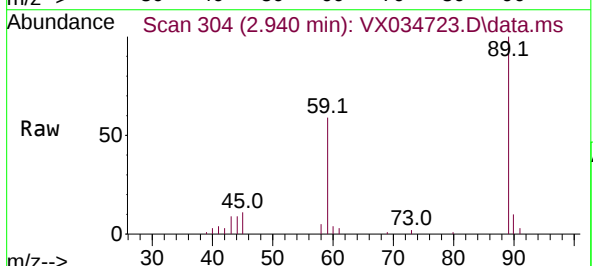
Instrument :
MSVOA_X
ClientSampleId :
AUD-1699

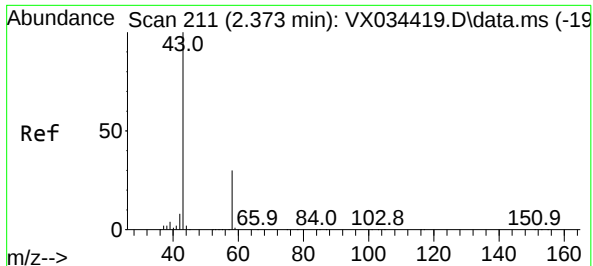
Tgt Ion:168 Resp: 310503
Ion Ratio Lower Upper
168 100
99 66.4 45.7 68.5



#11
Tert butyl alcohol
Concen: 7.135 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX034723.D
Acq: 24 Mar 2023 16:05

Tgt Ion: 59 Resp: 6712
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

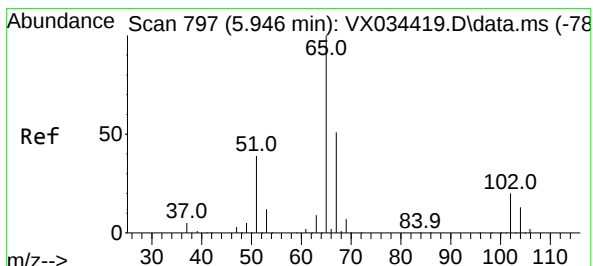
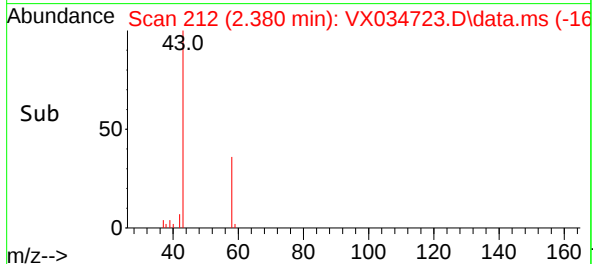
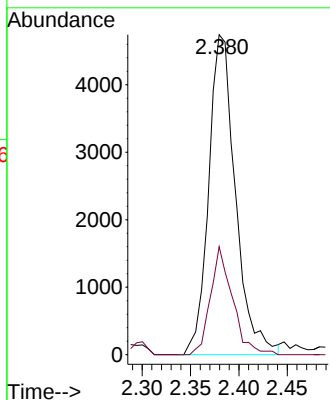
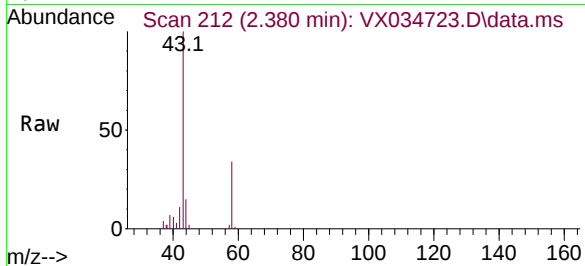




#16
Acetone
Concen: 4.292 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034723.D
Acq: 24 Mar 2023 16:05

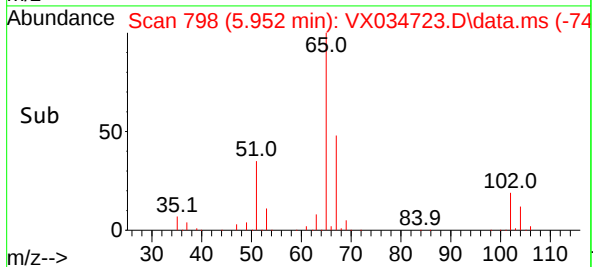
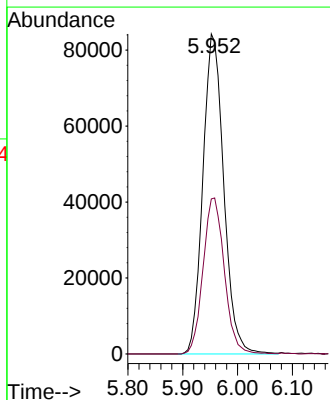
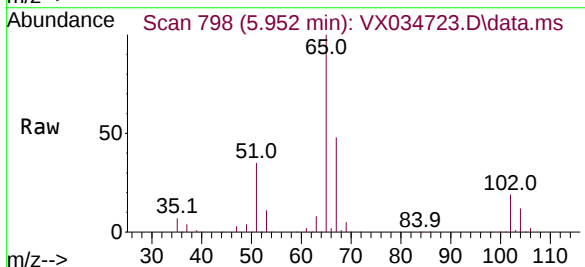
Instrument :
MSVOA_X
ClientSampleId :
AUD-1699

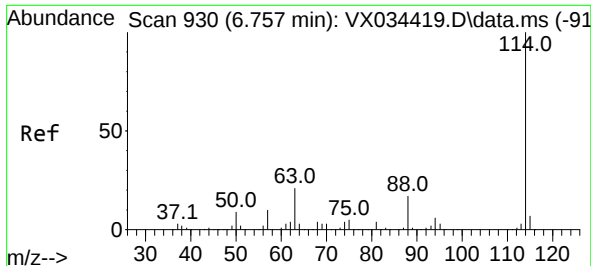
Tgt Ion: 43 Resp: 9132
Ion Ratio Lower Upper
43 100
58 33.7 24.7 37.1



#33
1,2-Dichloroethane-d4
Concen: 49.286 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034723.D
Acq: 24 Mar 2023 16:05

Tgt Ion: 65 Resp: 222636
Ion Ratio Lower Upper
65 100
67 49.7 0.0 104.0

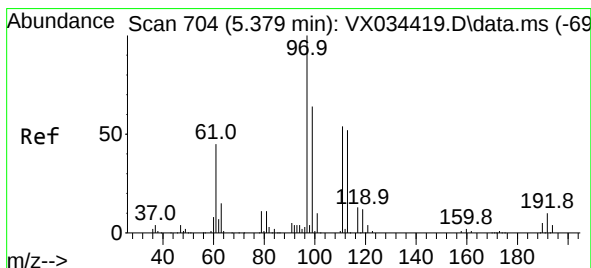
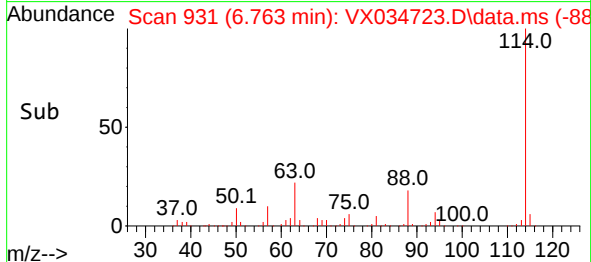
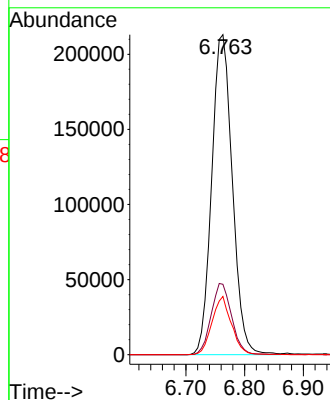
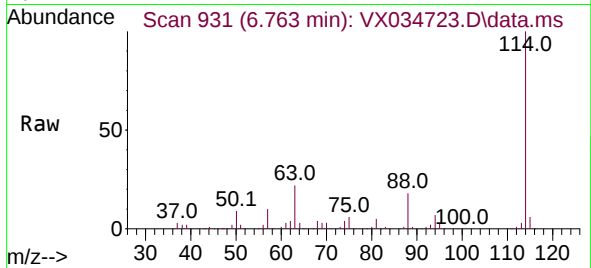




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034723.D
Acq: 24 Mar 2023 16:05

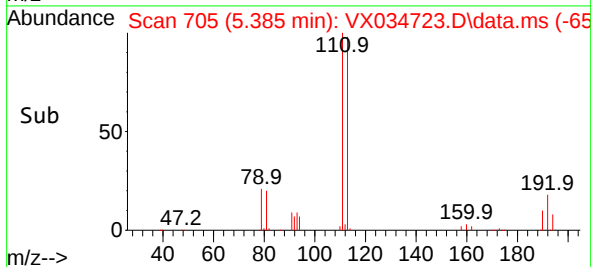
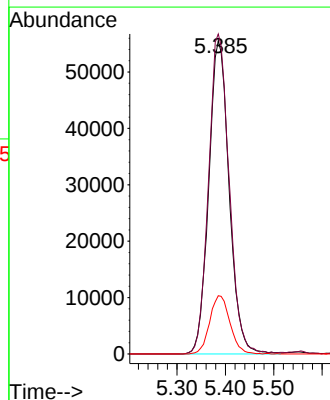
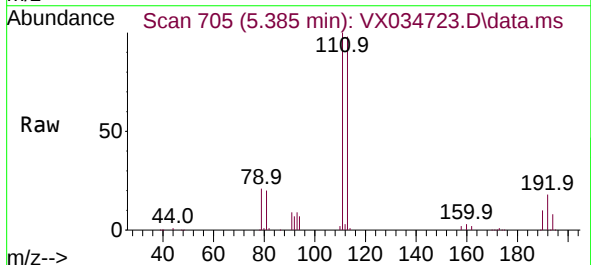
Instrument :
MSVOA_X
ClientSampleId :
AUD-1699

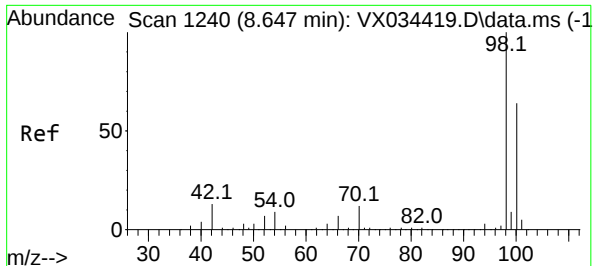
Tgt Ion:114 Resp: 520286
Ion Ratio Lower Upper
114 100
63 22.0 0.0 42.2
88 18.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.389 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034723.D
Acq: 24 Mar 2023 16:05

Tgt Ion:113 Resp: 162791
Ion Ratio Lower Upper
113 100
111 103.3 83.7 125.5
192 18.5 15.4 23.2





#50

Toluene-d8

Concen: 48.836 ug/l

RT: 8.647 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034723.D

Acq: 24 Mar 2023 16:05

Instrument :

MSVOA_X

ClientSampleId :

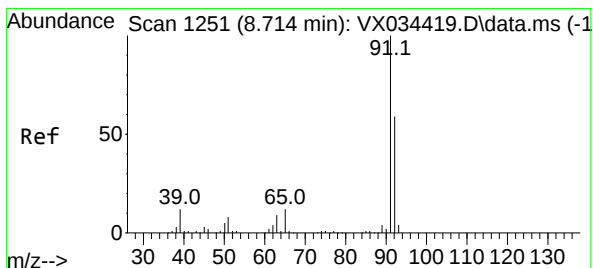
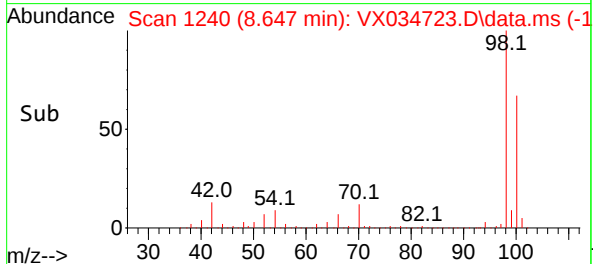
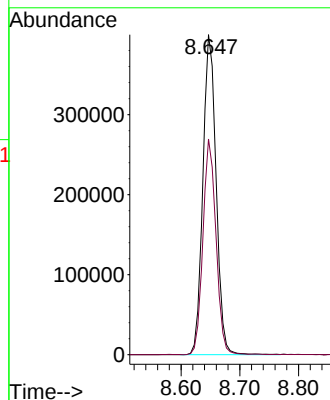
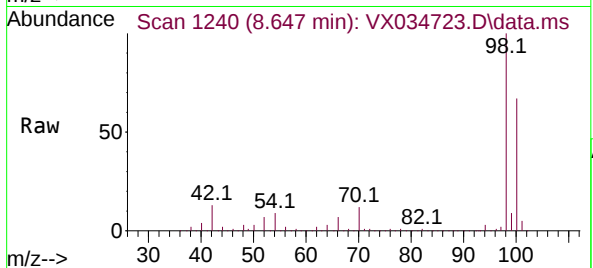
AUD-1699

Tgt Ion: 98 Resp: 626261

Ion Ratio Lower Upper

98 100

100 66.5 52.5 78.7



#52

Toluene

Concen: 1.139 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX034723.D

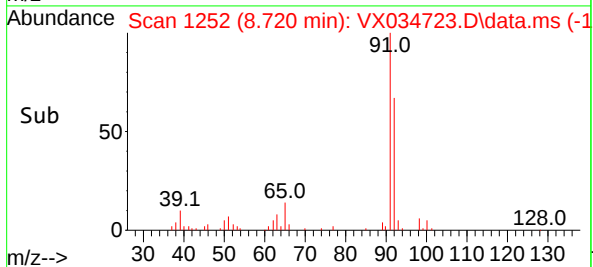
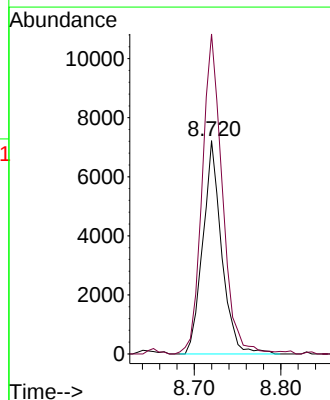
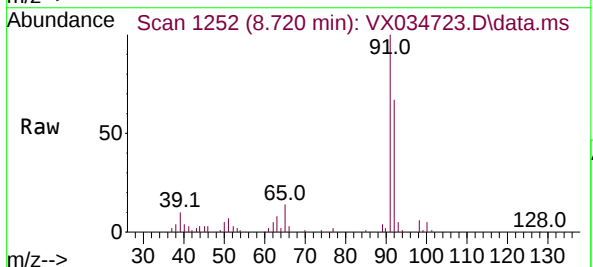
Acq: 24 Mar 2023 16:05

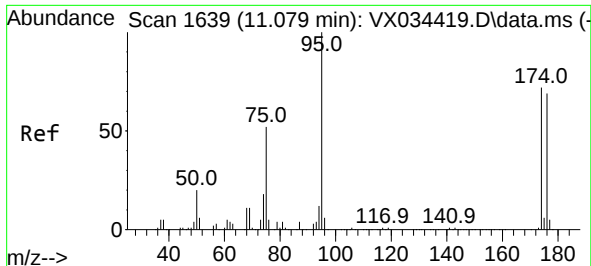
Tgt Ion: 92 Resp: 10886

Ion Ratio Lower Upper

92 100

91 160.8 136.8 205.2





#62

4-Bromofluorobenzene

Concen: 47.115 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034723.D

Acq: 24 Mar 2023 16:05

Instrument :

MSVOA_X

ClientSampleId :

AUD-1699

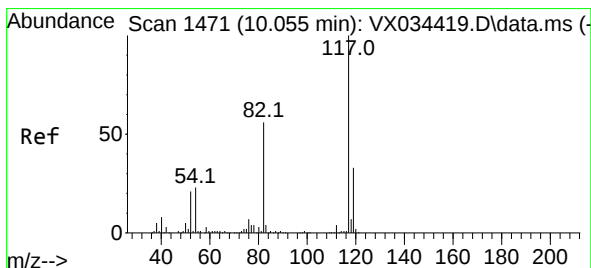
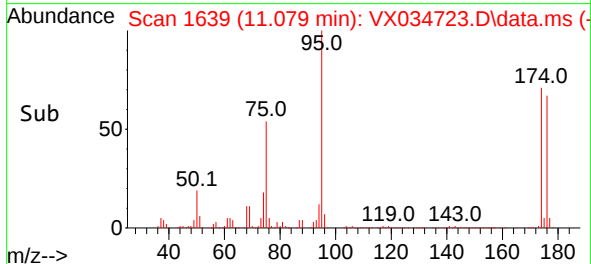
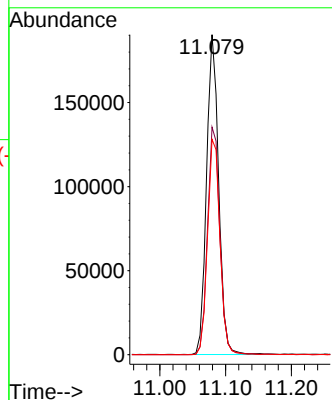
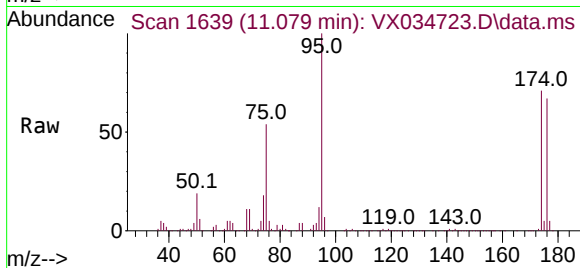
Tgt Ion: 95 Resp: 244047

Ion Ratio Lower Upper

95 100

174 72.4 0.0 147.4

176 69.3 0.0 140.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX034723.D

Acq: 24 Mar 2023 16:05

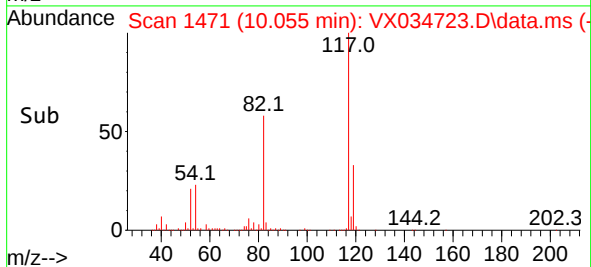
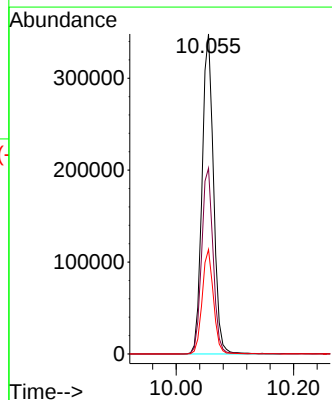
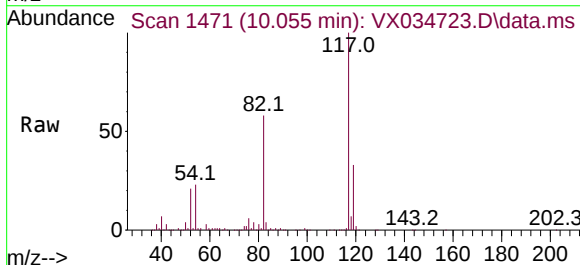
Tgt Ion: 117 Resp: 471484

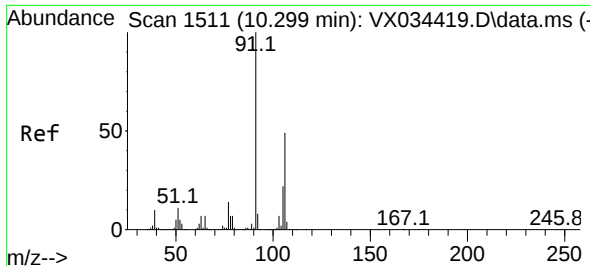
Ion Ratio Lower Upper

117 100

82 58.1 45.0 67.4

119 32.7 26.0 39.0

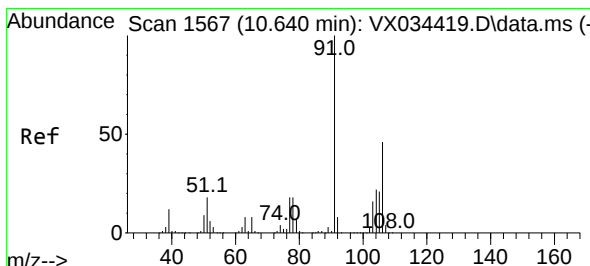
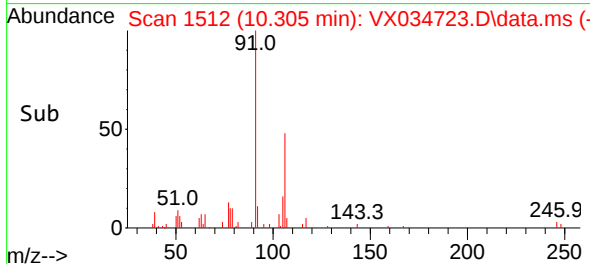
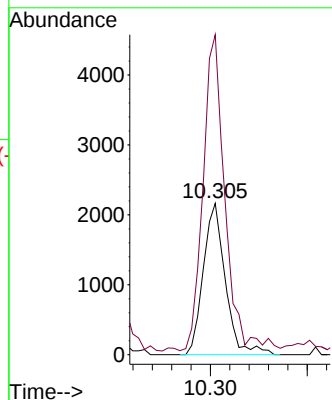
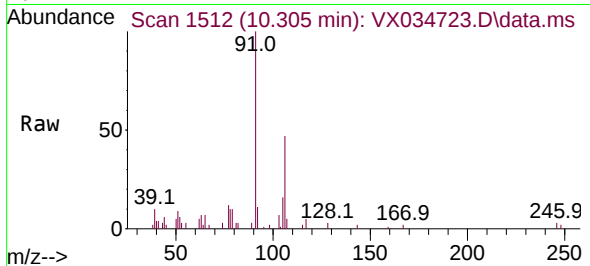




#68
m/p-Xylenes
Concen: 0.482 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX034723.D
Acq: 24 Mar 2023 16:05

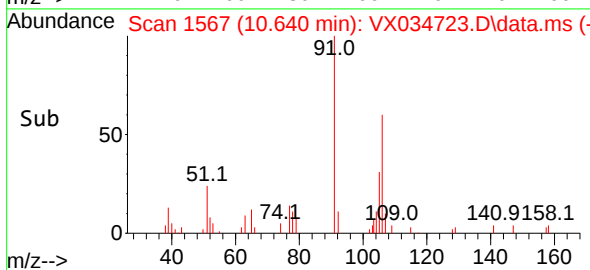
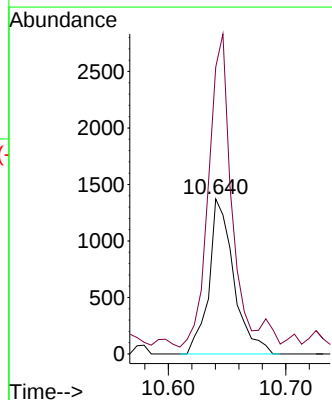
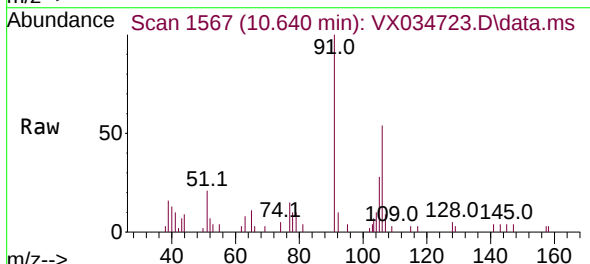
Instrument :
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AUD-1699

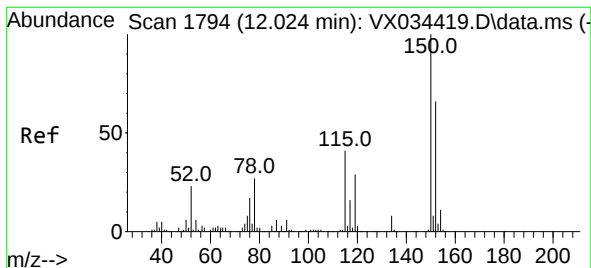
Tgt Ion:106 Resp: 3429
Ion Ratio Lower Upper
106 100
91 210.0 164.0 246.0



#69
o-Xylene
Concen: 0.282 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034723.D
Acq: 24 Mar 2023 16:05

Tgt Ion:106 Resp: 2010
Ion Ratio Lower Upper
106 100
91 185.3 108.5 325.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034723.D

Acq: 24 Mar 2023 16:05

Instrument :

MSVOA_X

ClientSampleId :

AUD-1699

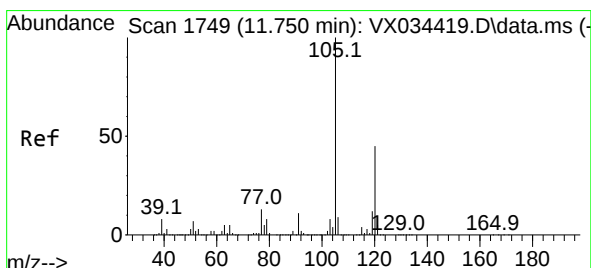
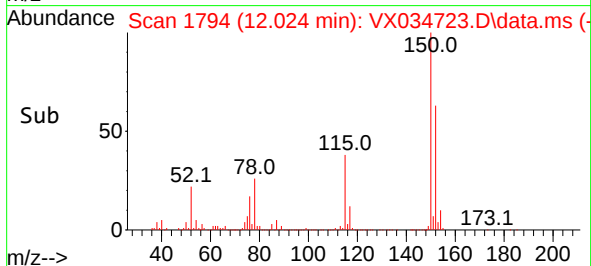
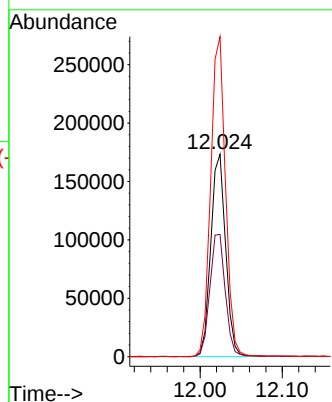
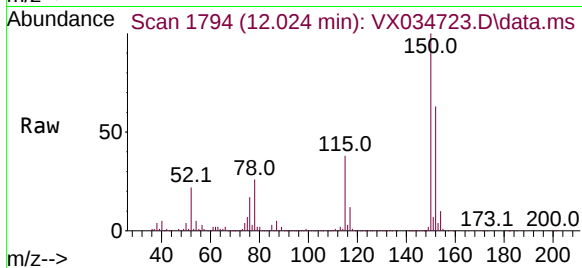
Tgt Ion:152 Resp: 217776

Ion Ratio Lower Upper

152 100

115 62.8 45.0 135.0

150 157.7 0.0 352.4



#84

1,2,4-Trimethylbenzene

Concen: 0.375 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX034723.D

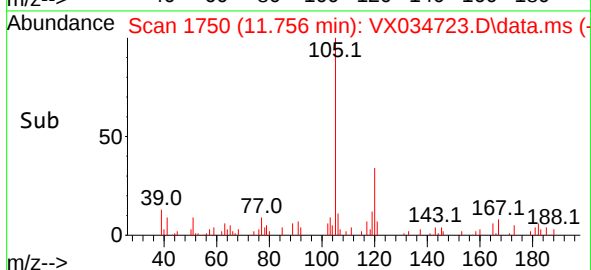
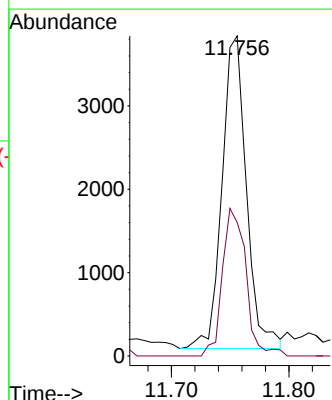
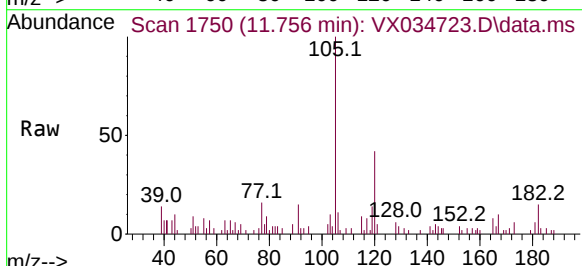
Acq: 24 Mar 2023 16:05

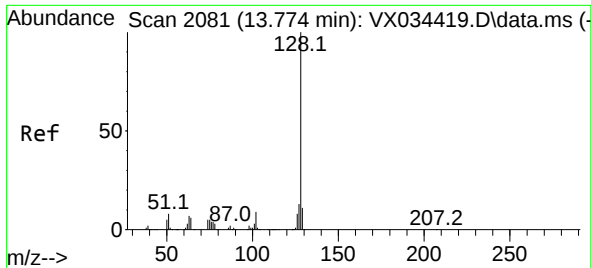
Tgt Ion:105 Resp: 5413

Ion Ratio Lower Upper

105 100

120 45.5 22.4 67.0





#95

Naphthalene

Concen: 0.424 ug/l

RT: 13.774 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX034723.D

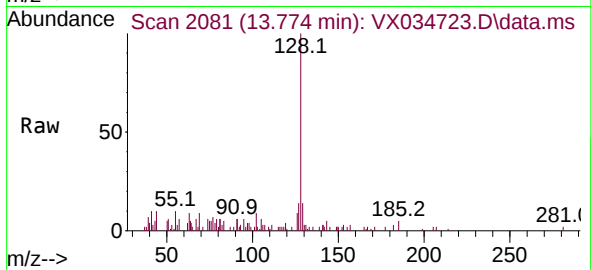
Acq: 24 Mar 2023 16:05

Instrument :

MSVOA_X

ClientSampleId :

AUD-1699



Tgt Ion:128 Resp: 6791

Ion Ratio Lower Upper

128 100

127 14.5 10.2 15.4

129 9.8 8.6 13.0

