

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012924\  
 Data File : VX040005.D  
 Acq On : 29 Jan 2024 18:38  
 Operator : JC/MD  
 Sample : P1278-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 AUD-1316

Quant Time: Jan 30 02:50:06 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 11 03:51:26 2024  
 Response via : Initial Calibration

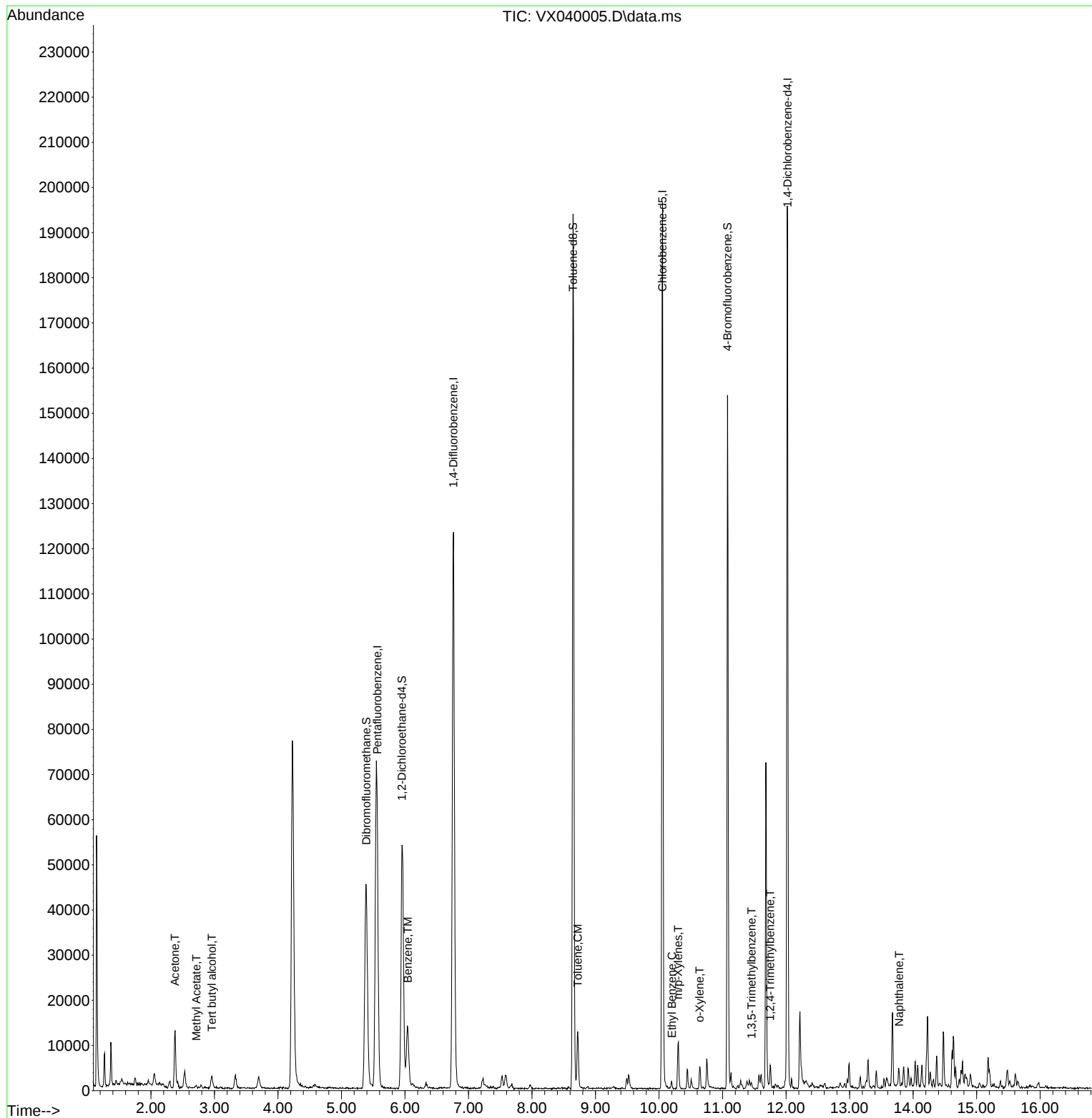
| Compound                    | R.T.   | QIon           | Response | Conc       | Units  | Dev(Min) |
|-----------------------------|--------|----------------|----------|------------|--------|----------|
| -----                       |        |                |          |            |        |          |
| Internal Standards          |        |                |          |            |        |          |
| 1) Pentafluorobenzene       | 5.562  | 168            | 62455    | 50.000     | ug/l   | 0.01     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114            | 118779   | 50.000     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117            | 77096    | 50.000     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152            | 33739    | 50.000     | ug/l   | 0.00     |
| System Monitoring Compounds |        |                |          |            |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65             | 53087    | 50.742     | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 78 - 117 | Recovery | = 101.480% |        |          |
| 35) Dibromofluoromethane    | 5.391  | 113            | 39532    | 49.413     | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 75 - 124 | Recovery | = 98.820%  |        |          |
| 50) Toluene-d8              | 8.647  | 98             | 106542   | 35.310     | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 92 - 112 | Recovery | = 70.620%# |        |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95             | 37598    | 31.865     | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 83 - 123 | Recovery | = 63.720%# |        |          |
| Target Compounds            |        |                |          |            |        |          |
|                             |        |                |          |            | Qvalue |          |
| 11) Tert butyl alcohol      | 2.959  | 59             | 2904     | 10.663     | ug/l # | 95       |
| 16) Acetone                 | 2.380  | 43             | 13345    | 22.681     | ug/l   | 99       |
| 18) Methyl Acetate          | 2.715  | 43             | 821      | 0.667      | ug/l # | 84       |
| 40) Benzene                 | 6.044  | 78             | 15600    | 4.424      | ug/l   | 92       |
| 52) Toluene                 | 8.720  | 92             | 4699     | 2.231      | ug/l   | 95       |
| 67) Ethyl Benzene           | 10.201 | 91             | 1200     | 0.403      | ug/l # | 79       |
| 68) m/p-Xylenes             | 10.299 | 106            | 2313     | 2.110      | ug/l   | 88       |
| 69) o-Xylene                | 10.640 | 106            | 1056     | 0.973      | ug/l   | 84       |
| 80) 1,3,5-Trimethylbenzene  | 11.457 | 105            | 569      | 0.249      | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene  | 11.750 | 105            | 2227     | 0.978      | ug/l   | 97       |
| 95) Naphthalene             | 13.780 | 128            | 2714     | 1.064      | ug/l   | 96       |
| -----                       |        |                |          |            |        |          |

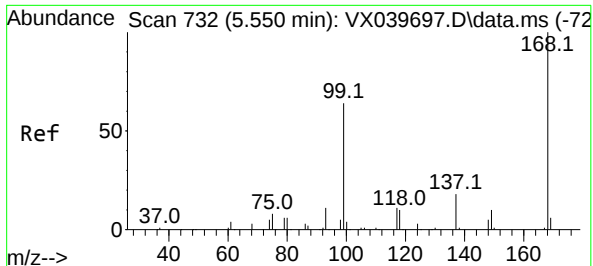
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012924\  
Data File : VX040005.D  
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Instrument :  
MSVOA\_X  
ClientSampleId :  
AUD-1316

Quant Time: Jan 30 02:50:06 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 11 03:51:26 2024  
Response via : Initial Calibration

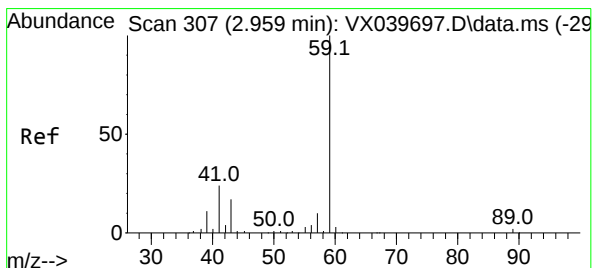
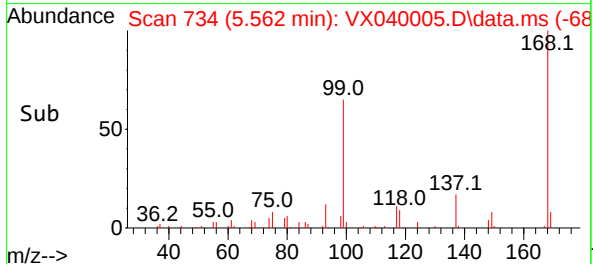
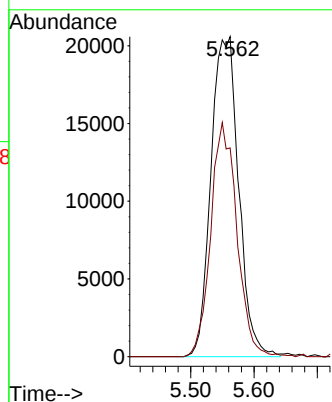
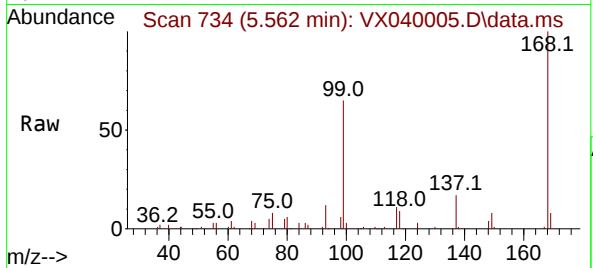




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. 0.012 min  
Lab File: VX040005.D  
Acq: 29 Jan 2024 18:38

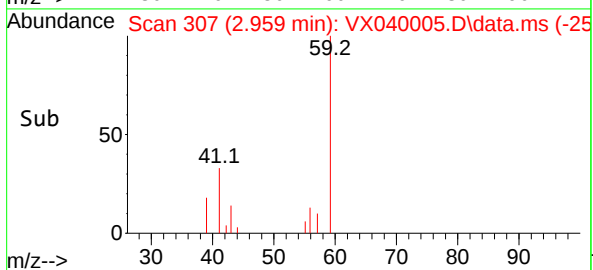
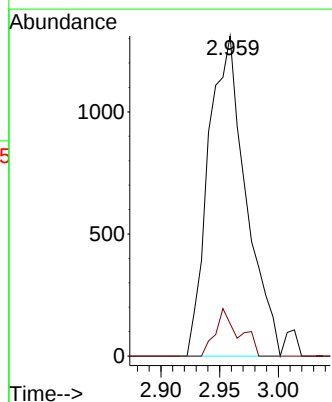
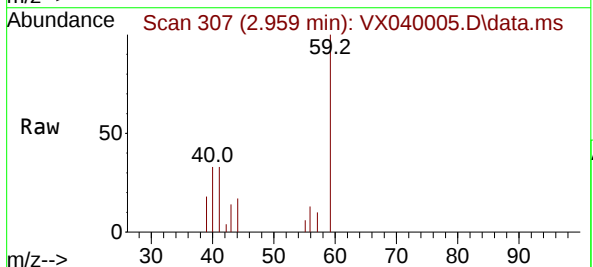
Instrument :  
MSVOA\_X  
ClientSampleId :  
AUD-1316

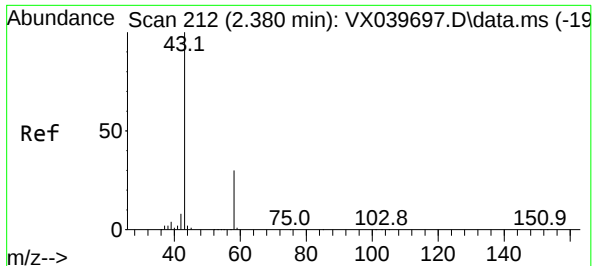
Tgt Ion:168 Resp: 62455  
Ion Ratio Lower Upper  
168 100  
99 65.2 56.6 85.0



#11  
Tert butyl alcohol  
Concen: 10.663 ug/l  
RT: 2.959 min Scan# 307  
Delta R.T. 0.000 min  
Lab File: VX040005.D  
Acq: 29 Jan 2024 18:38

Tgt Ion: 59 Resp: 2904  
Ion Ratio Lower Upper  
59 100  
57 9.4 6.0 9.0#

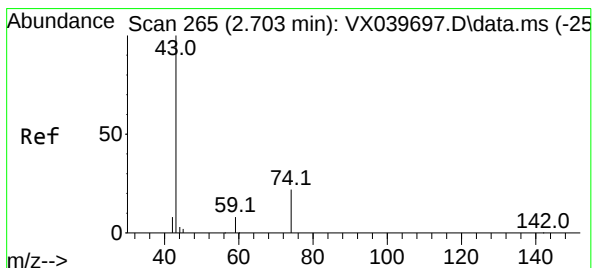
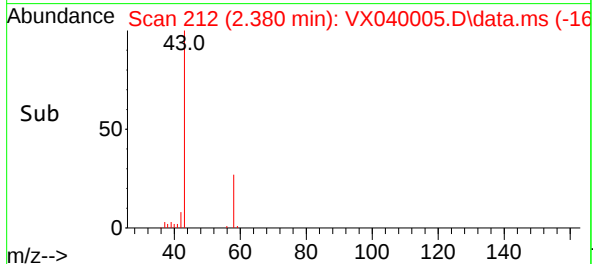
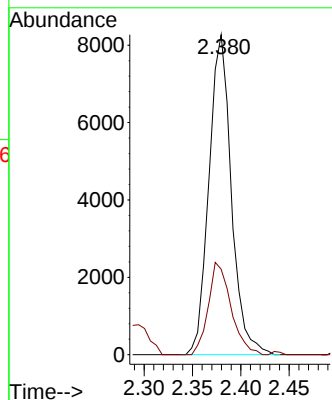
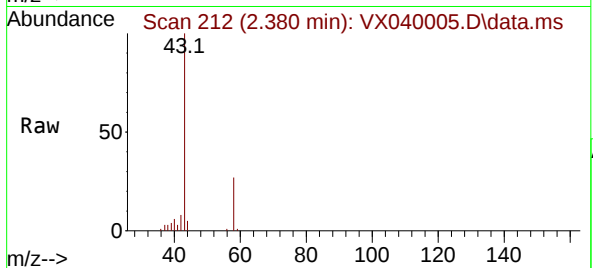




#16  
Acetone  
Concen: 22.681 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VX040005.D  
Acq: 29 Jan 2024 18:38

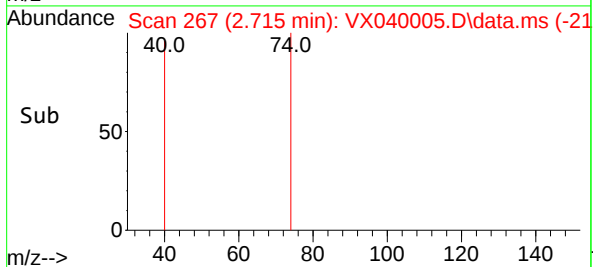
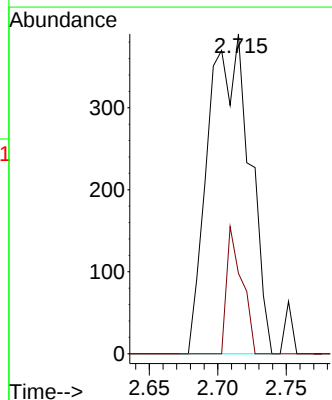
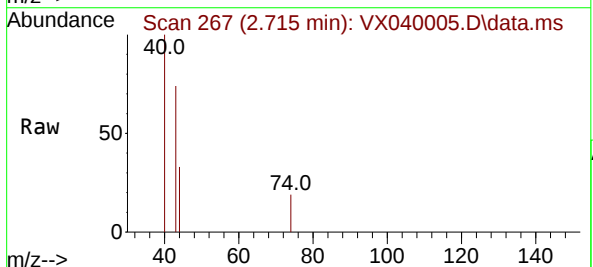
Instrument :  
MSVOA\_X  
ClientSampleId :  
AUD-1316

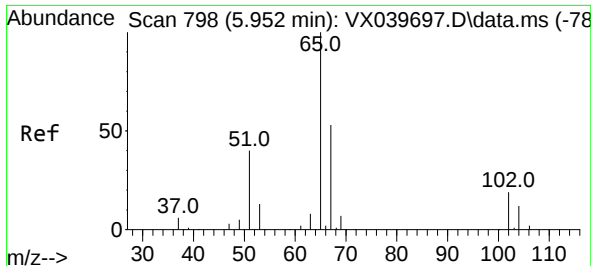
Tgt Ion: 43 Resp: 13345  
Ion Ratio Lower Upper  
43 100  
58 26.7 21.9 32.9



#18  
Methyl Acetate  
Concen: 0.667 ug/l  
RT: 2.715 min Scan# 267  
Delta R.T. 0.012 min  
Lab File: VX040005.D  
Acq: 29 Jan 2024 18:38

Tgt Ion: 43 Resp: 821  
Ion Ratio Lower Upper  
43 100  
74 14.6 17.8 26.8#

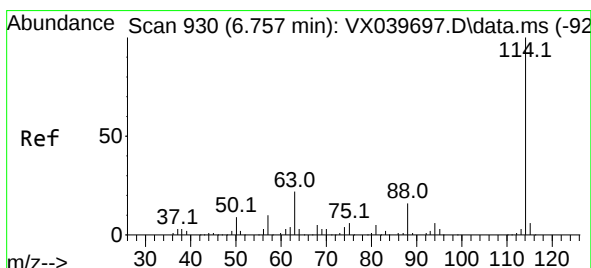
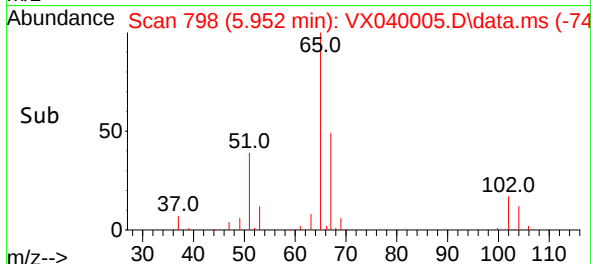
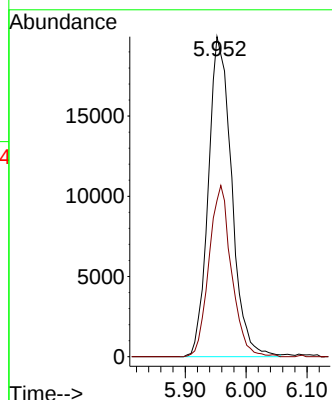
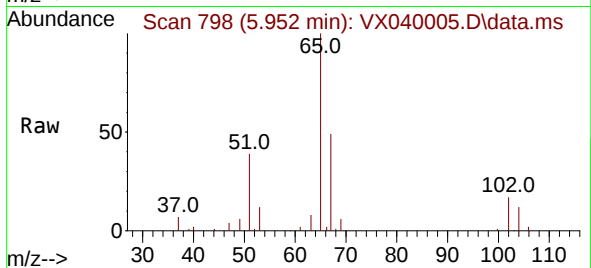




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.742 ug/l  
 RT: 5.952 min Scan# 798  
 Delta R.T. 0.000 min  
 Lab File: VX040005.D  
 Acq: 29 Jan 2024 18:38

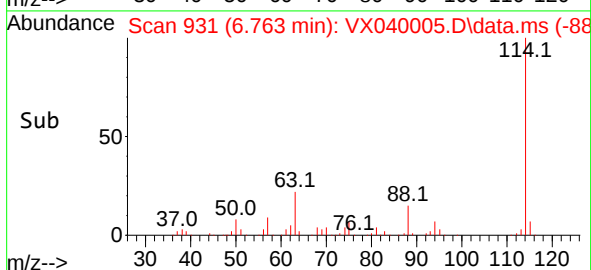
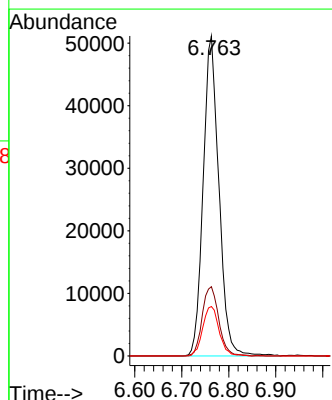
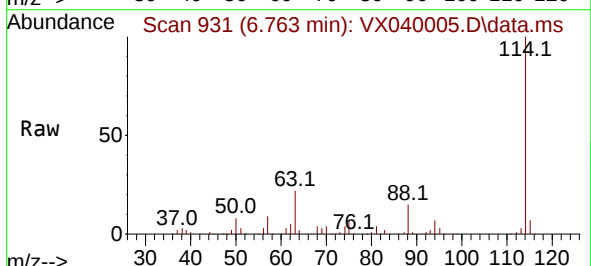
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 AUD-1316

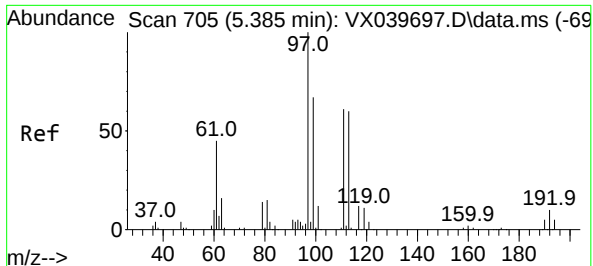
Tgt Ion: 65 Resp: 53087  
 Ion Ratio Lower Upper  
 65 100  
 67 51.6 0.0 100.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. 0.006 min  
 Lab File: VX040005.D  
 Acq: 29 Jan 2024 18:38

Tgt Ion: 114 Resp: 118779  
 Ion Ratio Lower Upper  
 114 100  
 63 21.6 0.0 45.0  
 88 15.5 0.0 36.6

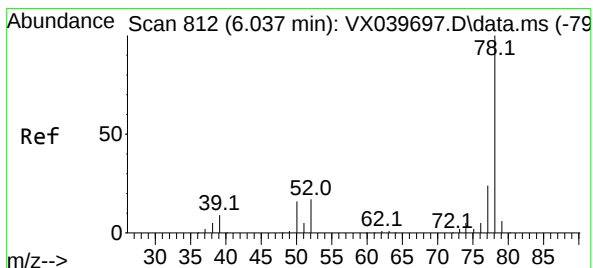
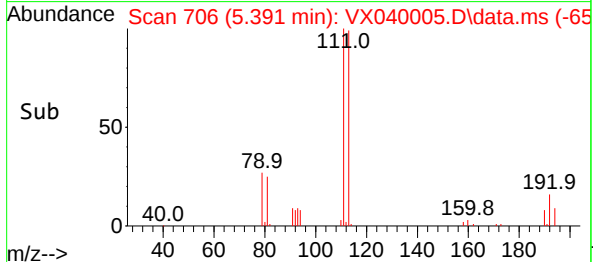
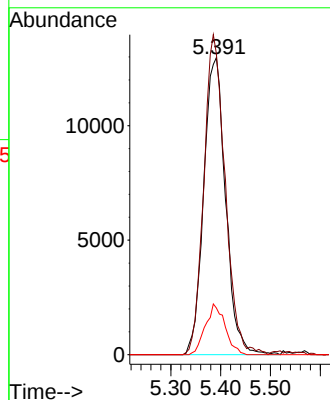
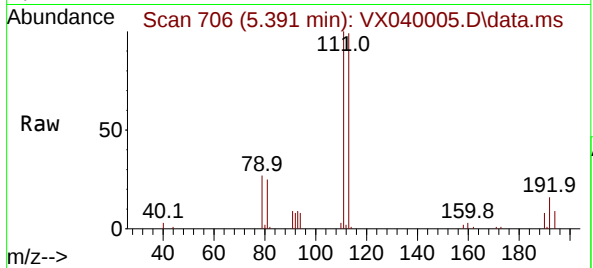




#35  
Dibromofluoromethane  
Concen: 49.413 ug/l  
RT: 5.391 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX040005.D  
Acq: 29 Jan 2024 18:38

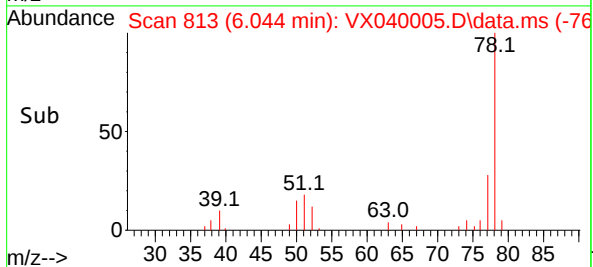
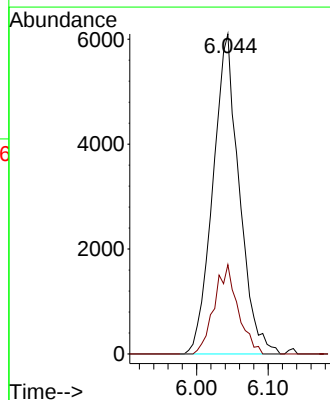
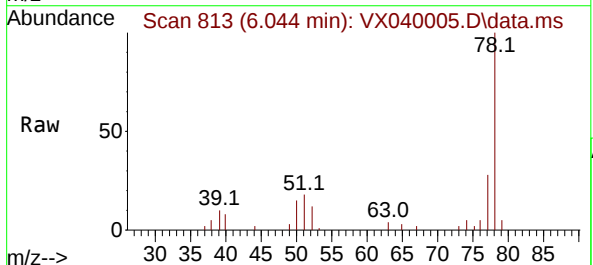
Instrument :  
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ClientSampleId :  
AUD-1316

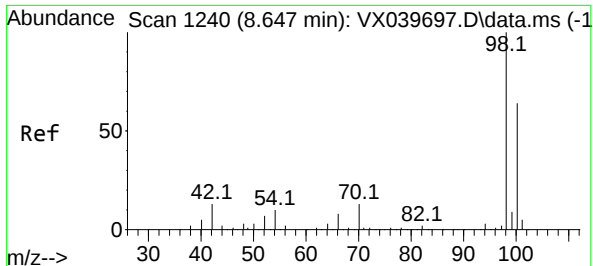
Tgt Ion:113 Resp: 39532  
Ion Ratio Lower Upper  
113 100  
111 104.7 82.9 124.3  
192 15.4 13.3 19.9



#40  
Benzene  
Concen: 4.424 ug/l  
RT: 6.044 min Scan# 813  
Delta R.T. 0.006 min  
Lab File: VX040005.D  
Acq: 29 Jan 2024 18:38

Tgt Ion: 78 Resp: 15600  
Ion Ratio Lower Upper  
78 100  
77 27.9 19.3 28.9





#50

Toluene-d8

Concen: 35.310 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040005.D

Acq: 29 Jan 2024 18:38

Instrument :

MSVOA\_X

ClientSampleId :

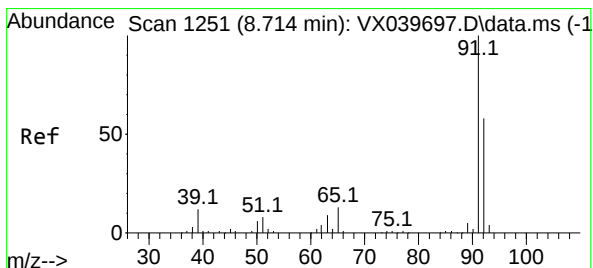
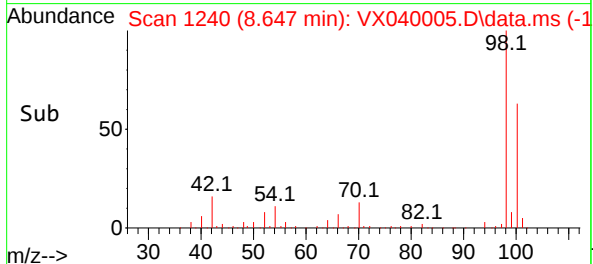
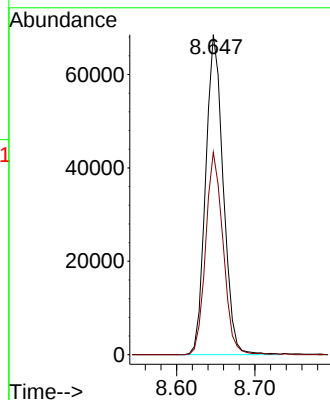
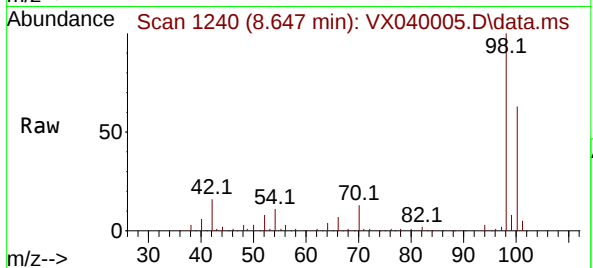
AUD-1316

Tgt Ion: 98 Resp: 106542

Ion Ratio Lower Upper

98 100

100 62.6 53.1 79.7



#52

Toluene

Concen: 2.231 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX040005.D

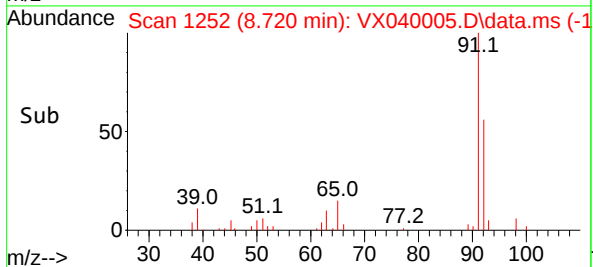
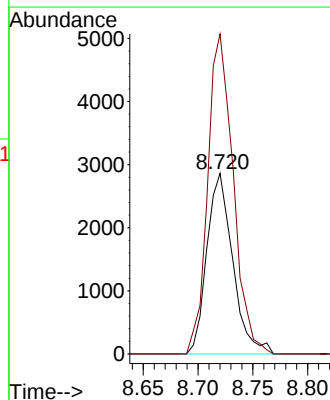
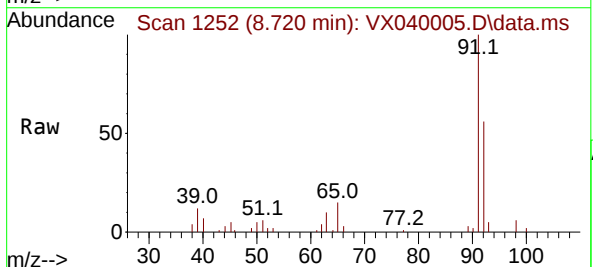
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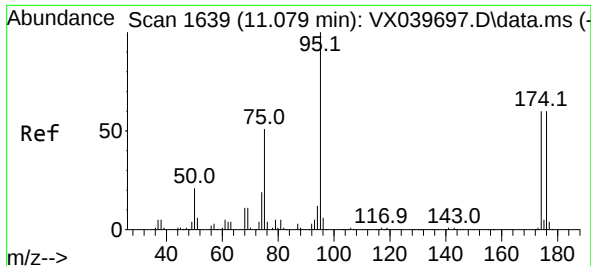
Tgt Ion: 92 Resp: 4699

Ion Ratio Lower Upper

92 100

91 174.7 134.2 201.2

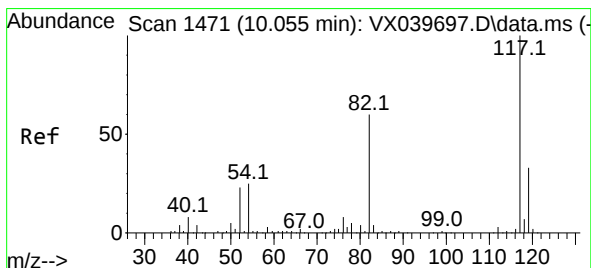
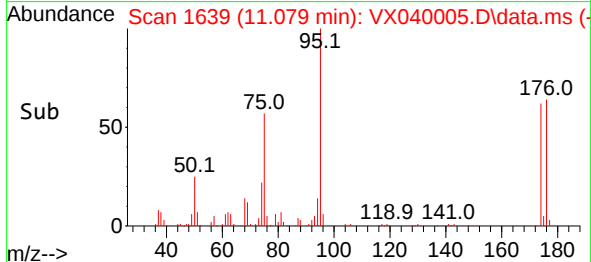
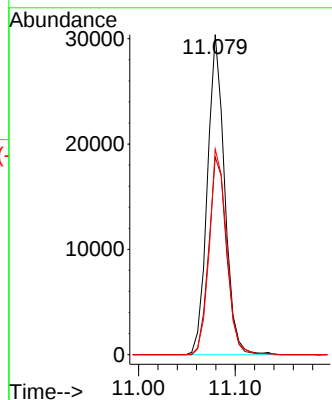
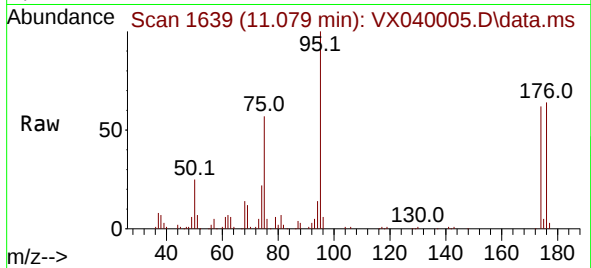




#62  
4-Bromofluorobenzene  
Concen: 31.865 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX040005.D  
Acq: 29 Jan 2024 18:38

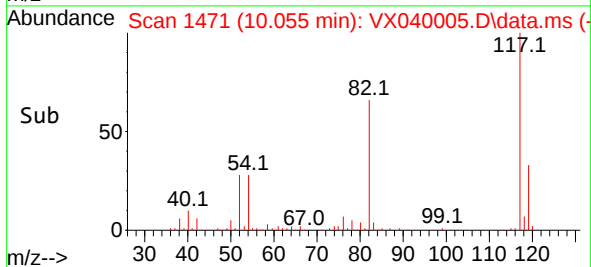
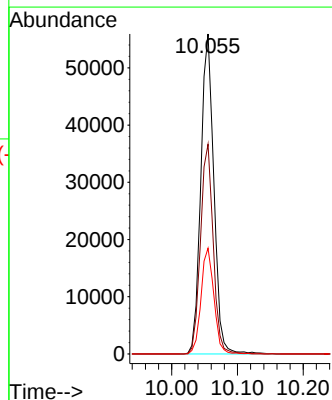
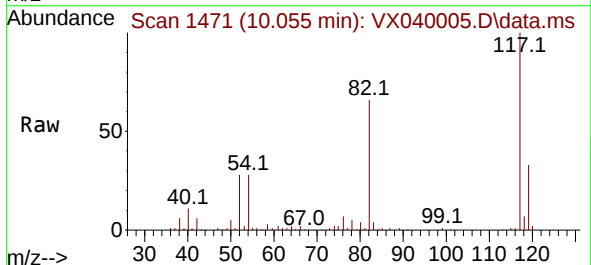
Instrument :  
MSVOA\_X  
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AUD-1316

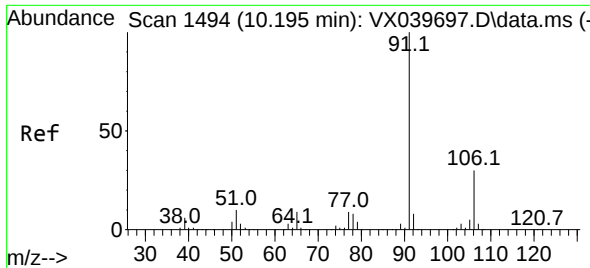
Tgt Ion: 95 Resp: 37598  
Ion Ratio Lower Upper  
95 100  
174 64.0 0.0 135.6  
176 64.8 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX040005.D  
Acq: 29 Jan 2024 18:38

Tgt Ion: 117 Resp: 77096  
Ion Ratio Lower Upper  
117 100  
82 65.6 46.2 69.4  
119 33.0 25.5 38.3





#67

Ethyl Benzene

Concen: 0.403 ug/l

RT: 10.201 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX040005.D

Acq: 29 Jan 2024 18:38

Instrument :

MSVOA\_X

ClientSampleId :

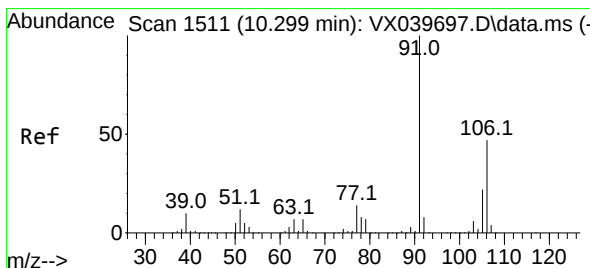
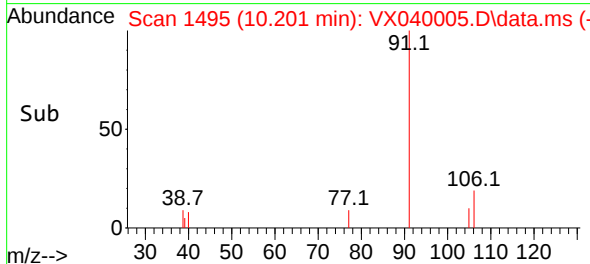
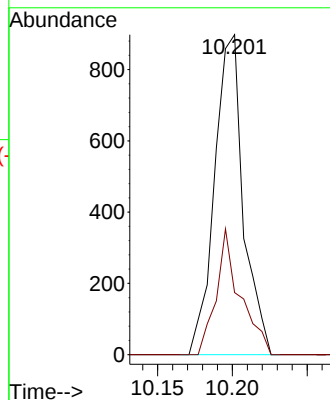
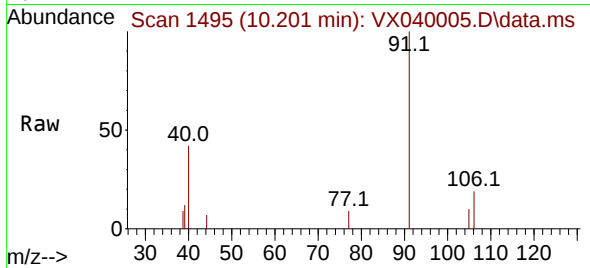
AUD-1316

Tgt Ion: 91 Resp: 1200

Ion Ratio Lower Upper

91 100

106 19.4 24.9 37.3#



#68

m/p-Xylenes

Concen: 2.110 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX040005.D

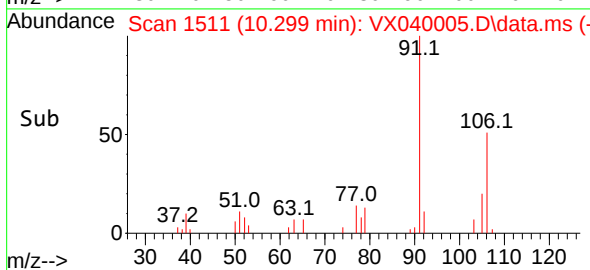
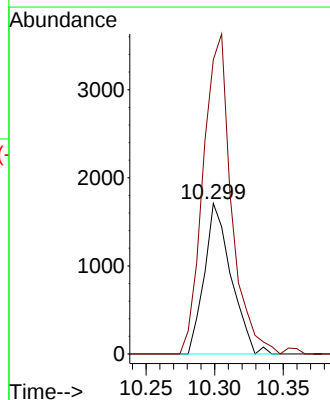
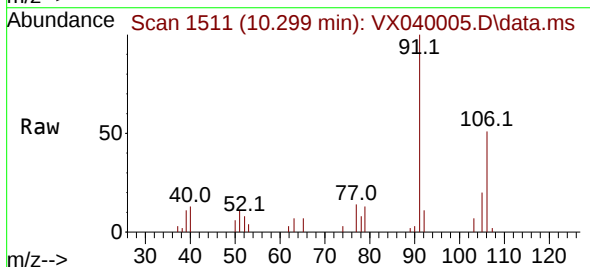
Acq: 29 Jan 2024 18:38

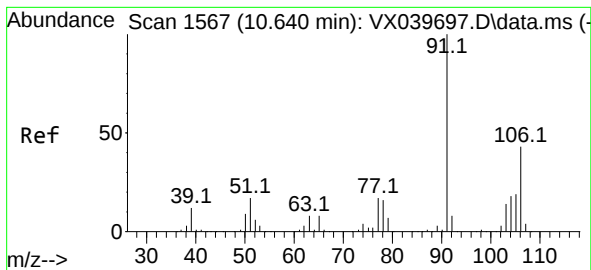
Tgt Ion: 106 Resp: 2313

Ion Ratio Lower Upper

106 100

91 225.2 165.5 248.3





#69

o-Xylene

Concen: 0.973 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040005.D

Acq: 29 Jan 2024 18:38

Instrument :

MSVOA\_X

ClientSampleId :

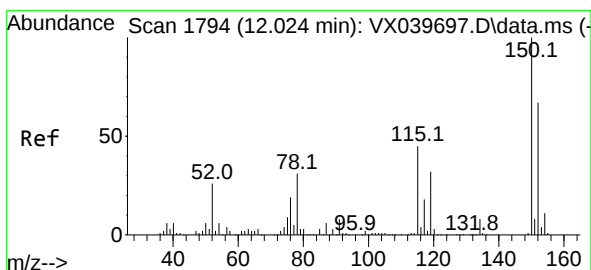
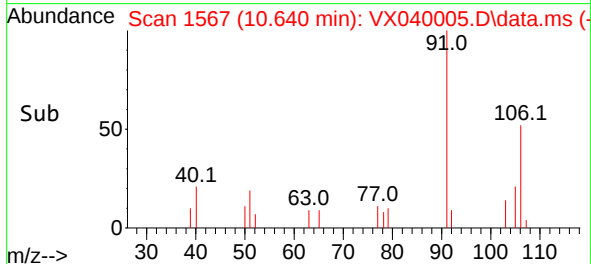
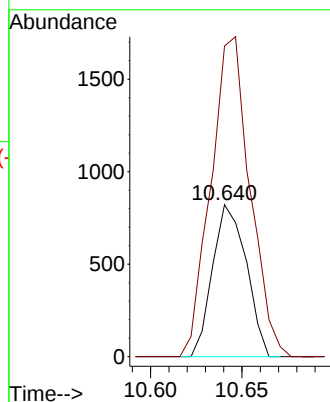
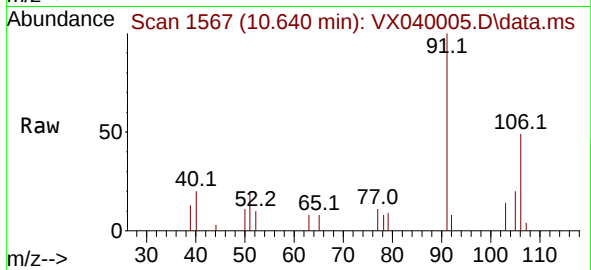
AUD-1316

Tgt Ion:106 Resp: 1056

Ion Ratio Lower Upper

106 100

91 244.2 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX040005.D

Acq: 29 Jan 2024 18:38

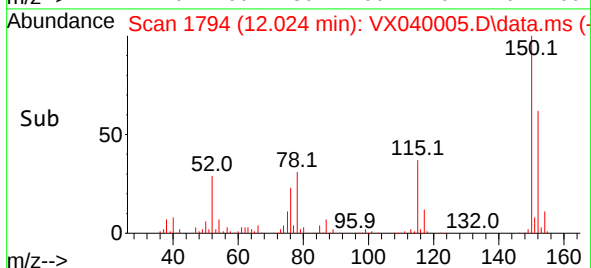
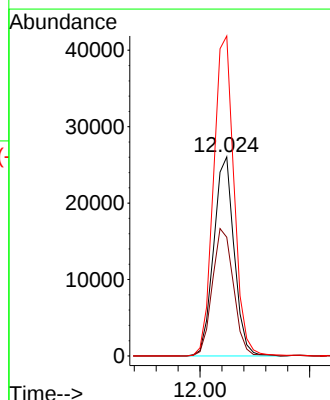
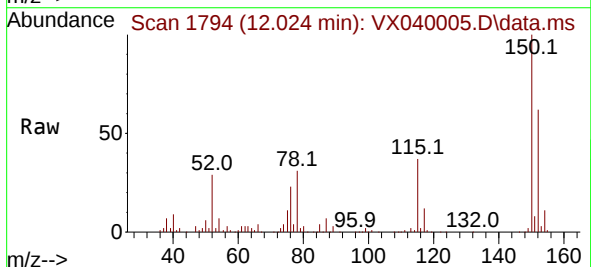
Tgt Ion:152 Resp: 33739

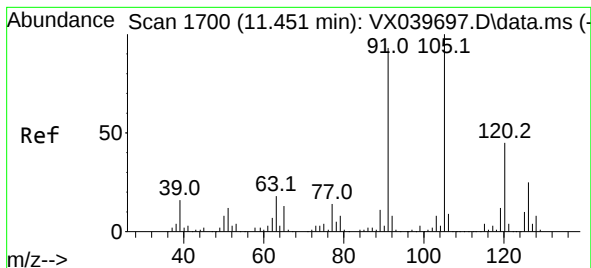
Ion Ratio Lower Upper

152 100

115 66.2 43.3 129.9

150 161.3 0.0 345.0





#80

1,3,5-Trimethylbenzene

Concen: 0.249 ug/l

RT: 11.457 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX040005.D

Acq: 29 Jan 2024 18:38

Instrument :

MSVOA\_X

ClientSampleId :

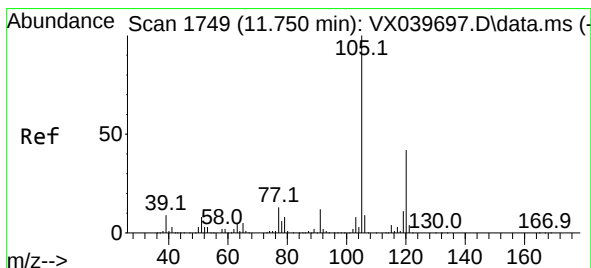
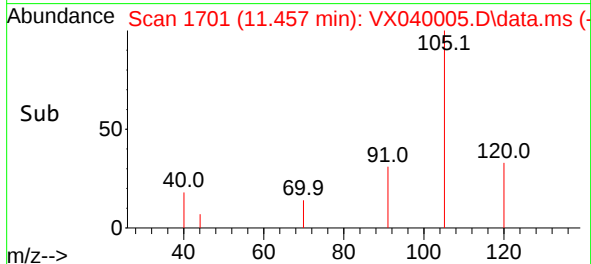
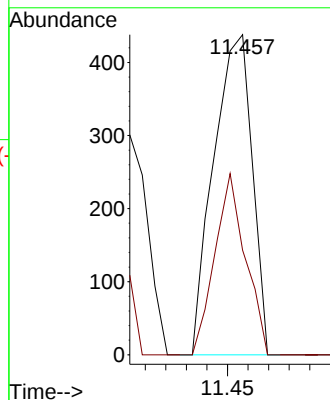
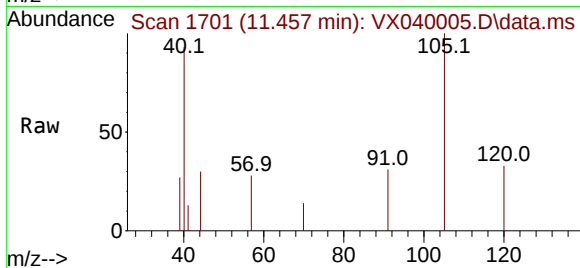
AUD-1316

Tgt Ion:105 Resp: 569

Ion Ratio Lower Upper

105 100

120 45.2 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 0.978 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040005.D

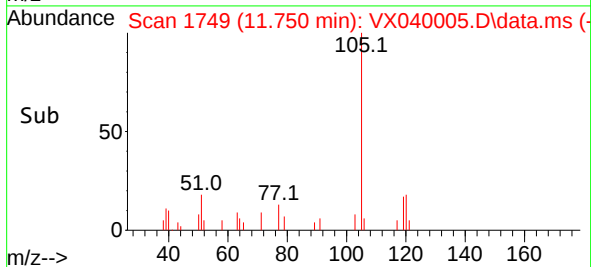
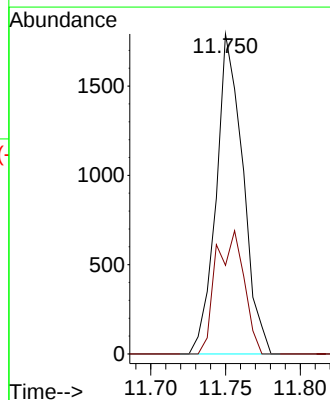
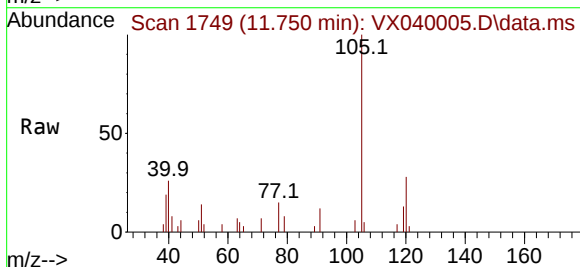
Acq: 29 Jan 2024 18:38

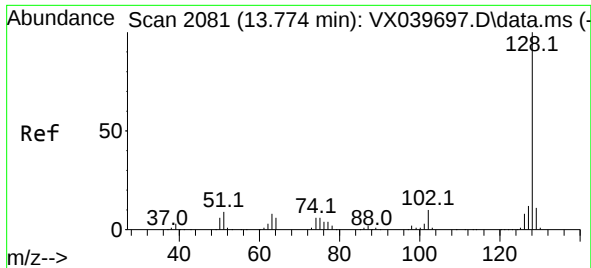
Tgt Ion:105 Resp: 2227

Ion Ratio Lower Upper

105 100

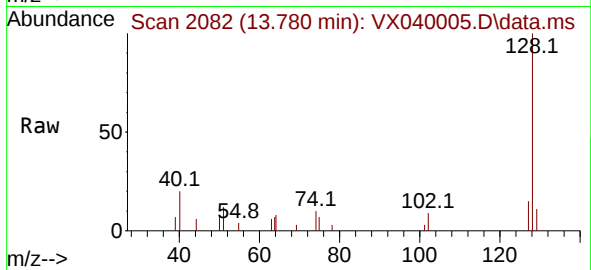
120 40.3 21.2 63.6





#95  
Naphthalene  
Concen: 1.064 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. 0.006 min  
Lab File: VX040005.D  
Acq: 29 Jan 2024 18:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
AUD-1316



Tgt Ion:128 Resp: 2714  
Ion Ratio Lower Upper  
128 100  
127 11.7 10.3 15.5  
129 12.8 8.8 13.2

