

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072122\  
 Data File : VX030149.D  
 Acq On : 20 Jul 2022 21:53  
 Operator : JC/MD  
 Sample : N3760-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 AUD-1821

Quant Time: Jul 21 03:34:37 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X071222W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 13 09:05:23 2022  
 Response via : Initial Calibration

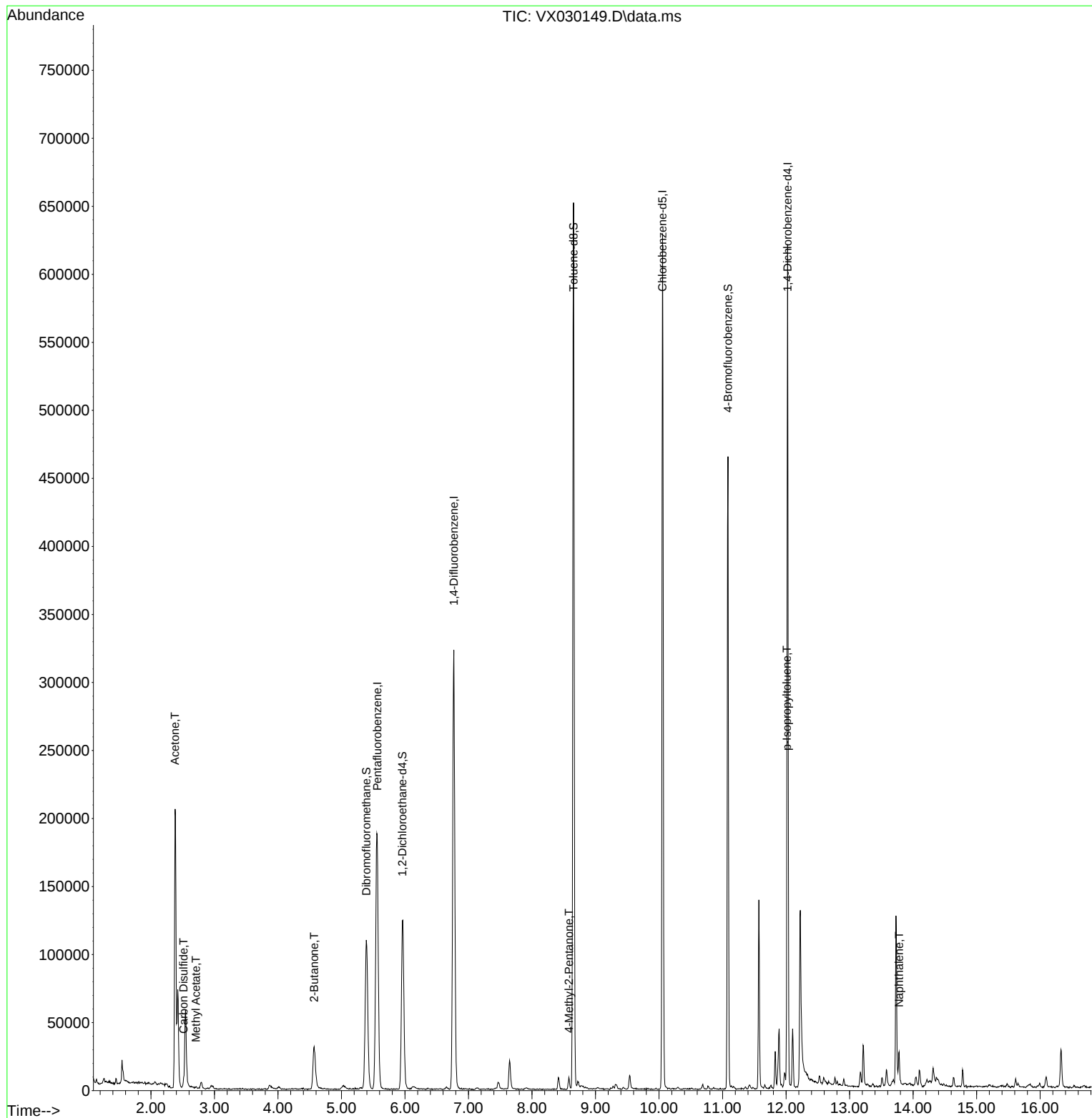
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.562     | 168   | 176306   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769     | 114   | 325269   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 282309   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 120326   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.958     | 65    | 117301   | 54.661   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | = 109.320% |          |
| 35) Dibromofluoromethane    | 5.391     | 113   | 96850    | 46.609   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | = 93.220%  |          |
| 50) Toluene-d8              | 8.653     | 98    | 376396   | 48.163   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | = 96.320%  |          |
| 62) 4-Bromofluorobenzene    | 11.085    | 95    | 124131   | 45.770   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | = 91.540%  |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          |            | Qvalue   |
| 16) Acetone                 | 2.380     | 43    | 214061   | 211.692  | ug/l       | 93       |
| 17) Carbon Disulfide        | 2.514     | 76    | 9193     | 1.463    | ug/l       | 98       |
| 18) Methyl Acetate          | 2.709     | 43    | 1114     | 0.362    | ug/l       | 91       |
| 25) 2-Butanone              | 4.568     | 43    | 54958    | 31.906   | ug/l       | 94       |
| 51) 4-Methyl-2-Pentanone    | 8.580     | 43    | 4967     | 1.447    | ug/l       | 98       |
| 86) p-Isopropyltoluene      | 12.012    | 119   | 3871     | 0.539    | ug/l #     | 82       |
| 95) Naphthalene             | 13.780    | 128   | 6302     | 0.657    | ug/l #     | 92       |
| -----                       |           |       |          |          |            |          |

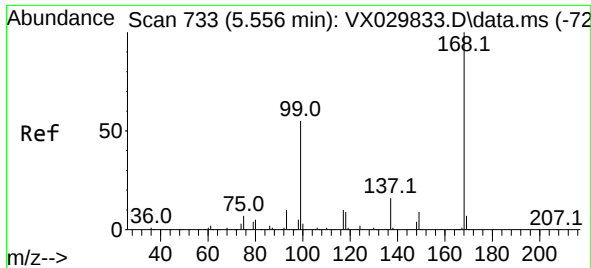
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072122\  
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Operator : JC/MD  
Sample : N3760-01  
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ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
AUD-1821

Quant Time: Jul 21 03:34:37 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X071222W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jul 13 09:05:23 2022  
Response via : Initial Calibration

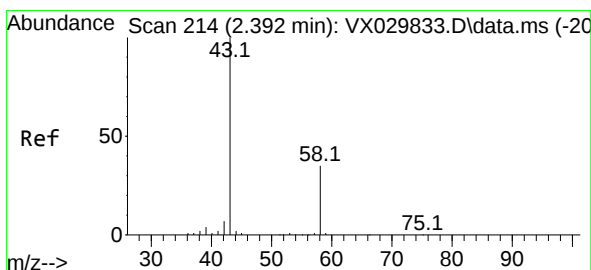
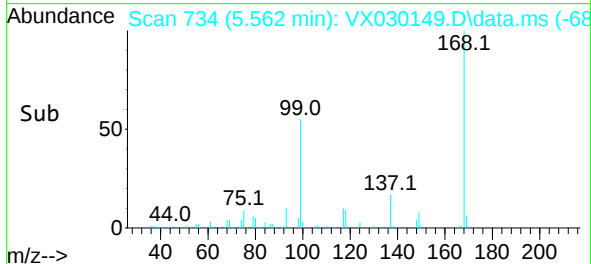
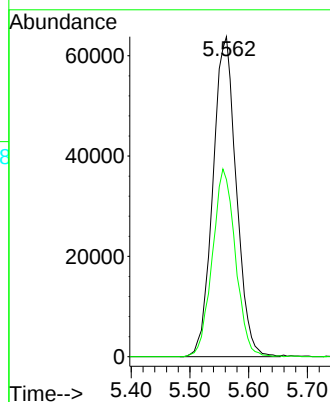
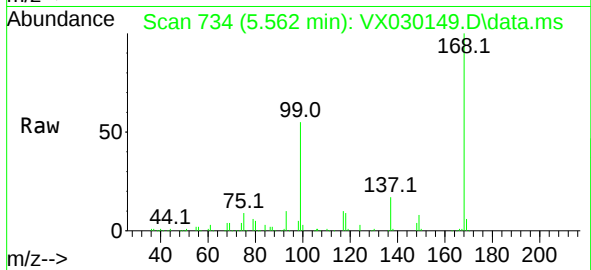




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX030149.D  
Acq: 20 Jul 2022 21:53

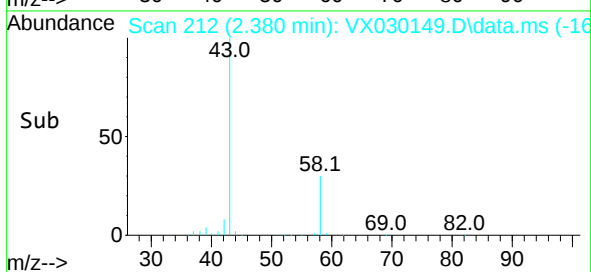
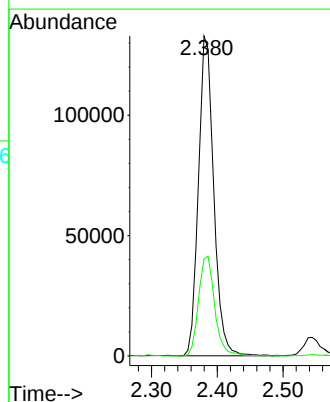
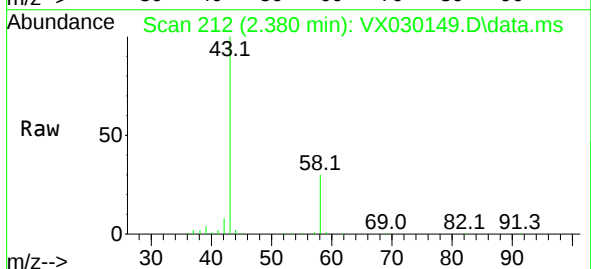
Instrument :  
MSVOA\_X  
ClientSampleId :  
AUD-1821

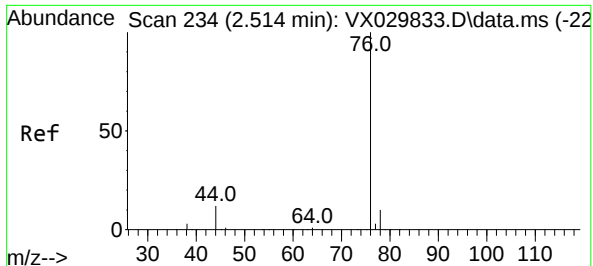
Tgt Ion:168 Resp: 176306  
Ion Ratio Lower Upper  
168 100  
99 55.3 44.0 66.0



#16  
Acetone  
Concen: 211.692 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.012 min  
Lab File: VX030149.D  
Acq: 20 Jul 2022 21:53

Tgt Ion: 43 Resp: 214061  
Ion Ratio Lower Upper  
43 100  
58 30.3 27.7 41.5

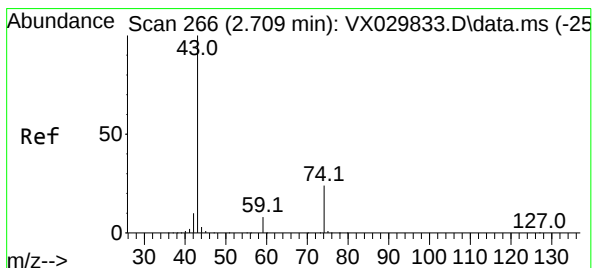
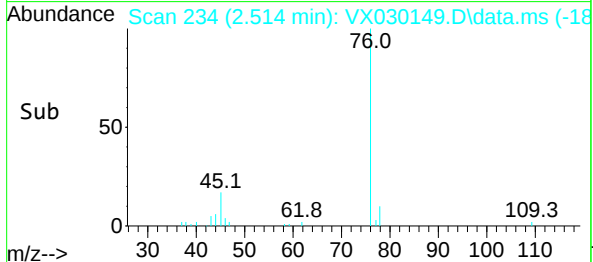
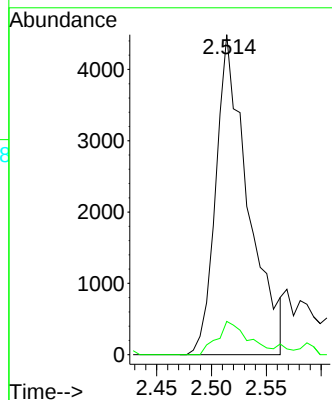
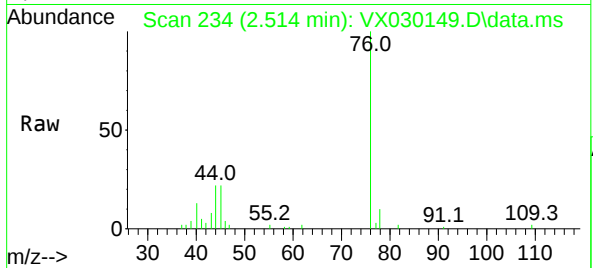




#17  
Carbon Disulfide  
Concen: 1.463 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX030149.D  
Acq: 20 Jul 2022 21:53

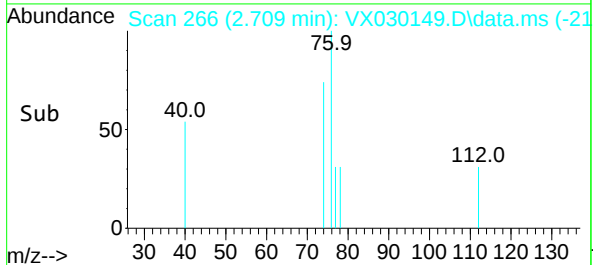
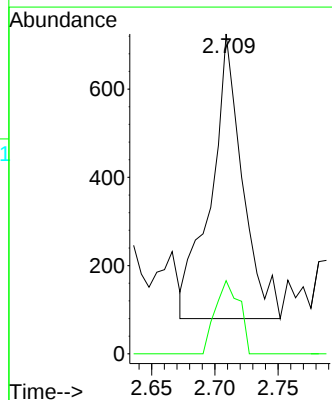
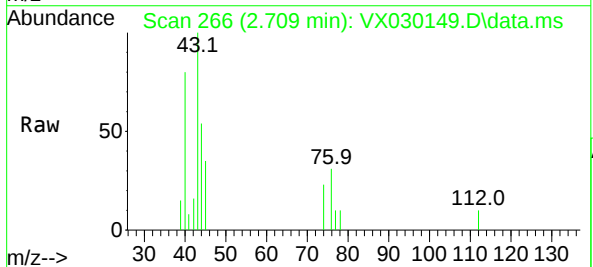
Instrument :  
MSVOA\_X  
ClientSampleId :  
AUD-1821

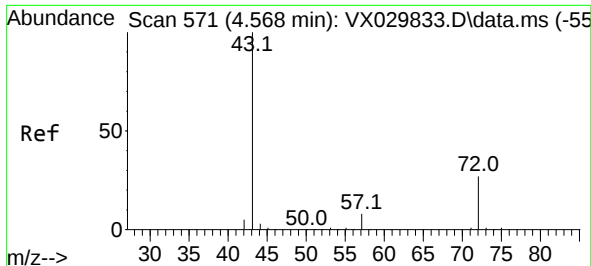
Tgt Ion: 76 Resp: 9193  
Ion Ratio Lower Upper  
76 100  
78 10.4 7.8 11.6



#18  
Methyl Acetate  
Concen: 0.362 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. -0.000 min  
Lab File: VX030149.D  
Acq: 20 Jul 2022 21:53

Tgt Ion: 43 Resp: 1114  
Ion Ratio Lower Upper  
43 100  
74 19.8 19.4 29.2

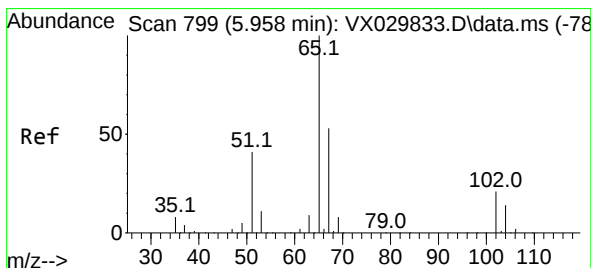
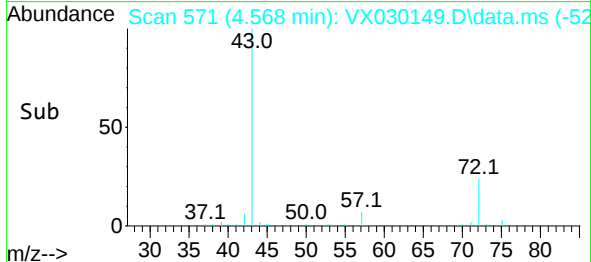
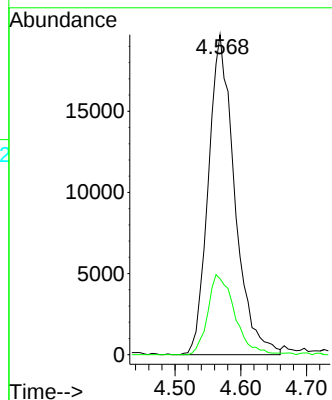
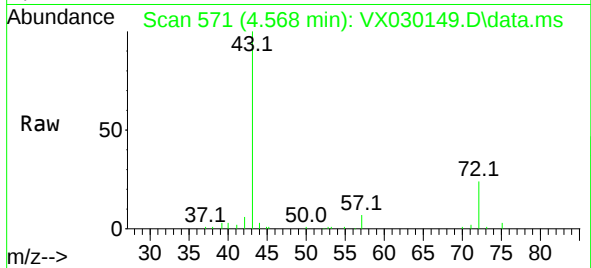




#25  
2-Butanone  
Concen: 31.906 ug/l  
RT: 4.568 min Scan# 571  
Delta R.T. 0.000 min  
Lab File: VX030149.D  
Acq: 20 Jul 2022 21:53

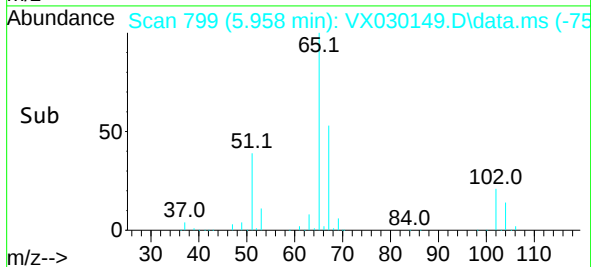
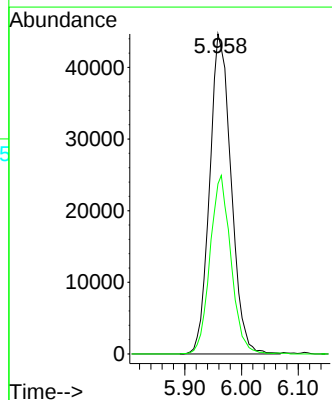
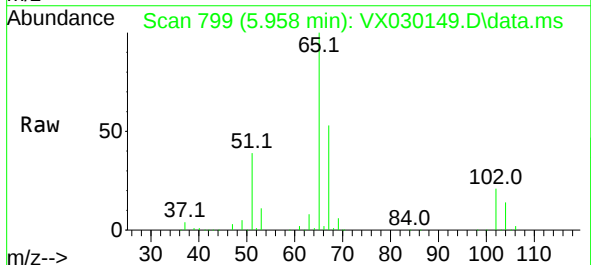
Instrument :  
MSVOA\_X  
ClientSampleId :  
AUD-1821

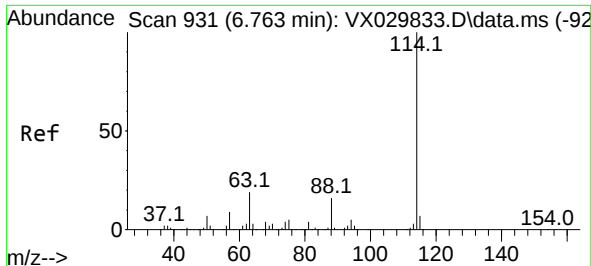
Tgt Ion: 43 Resp: 54958  
Ion Ratio Lower Upper  
43 100  
72 23.7 21.7 32.5



#33  
1,2-Dichloroethane-d4  
Concen: 54.661 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX030149.D  
Acq: 20 Jul 2022 21:53

Tgt Ion: 65 Resp: 117301  
Ion Ratio Lower Upper  
65 100  
67 54.4 0.0 109.6

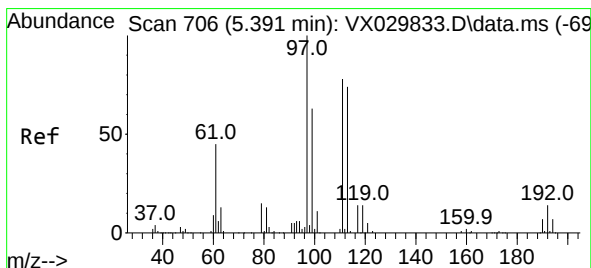
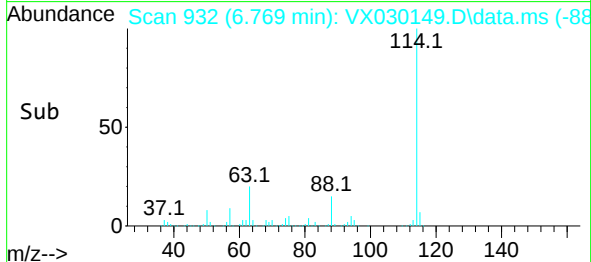
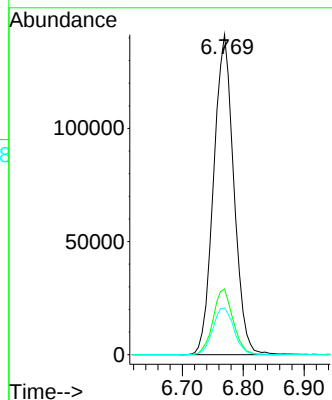
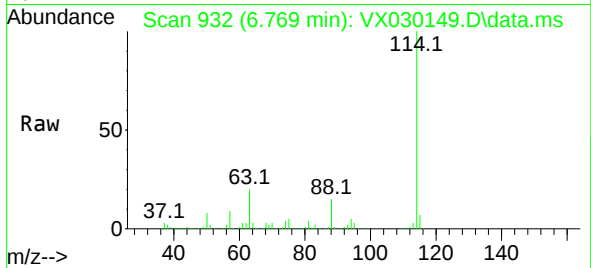




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VX030149.D  
Acq: 20 Jul 2022 21:53

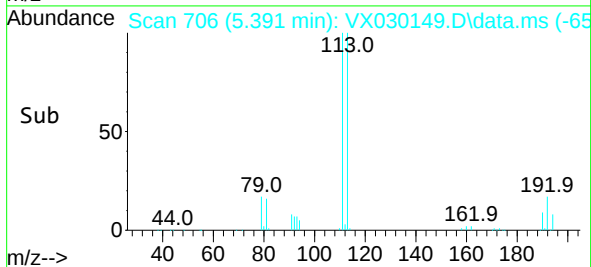
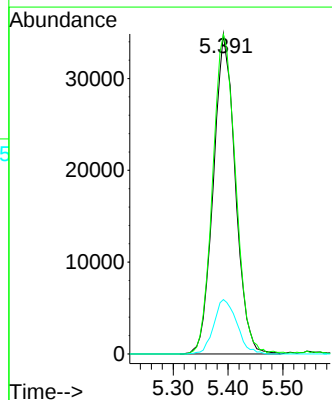
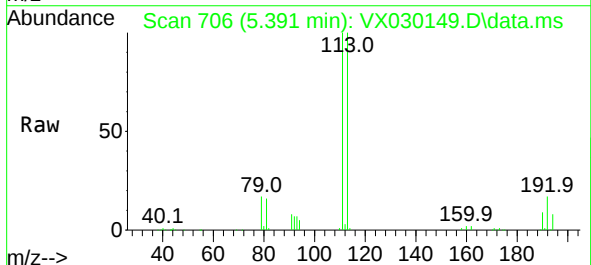
Instrument :  
MSVOA\_X  
ClientSampleId :  
AUD-1821

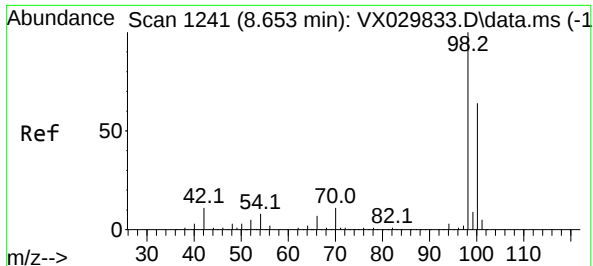
Tgt Ion:114 Resp: 325269  
Ion Ratio Lower Upper  
114 100  
63 20.5 0.0 38.4  
88 14.6 0.0 31.8



#35  
Dibromofluoromethane  
Concen: 46.609 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX030149.D  
Acq: 20 Jul 2022 21:53

Tgt Ion:113 Resp: 96850  
Ion Ratio Lower Upper  
113 100  
111 104.4 83.2 124.8  
192 17.9 14.8 22.2

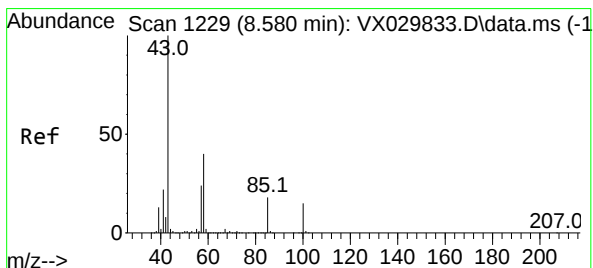
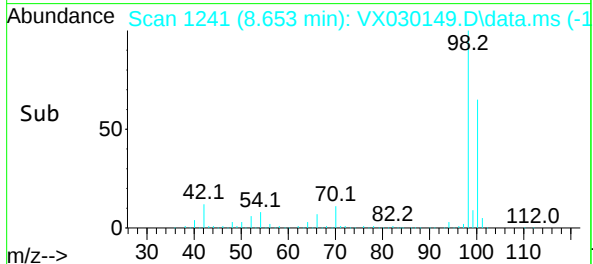
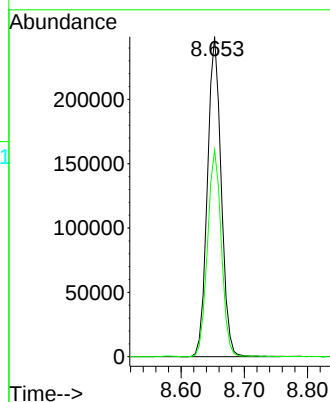
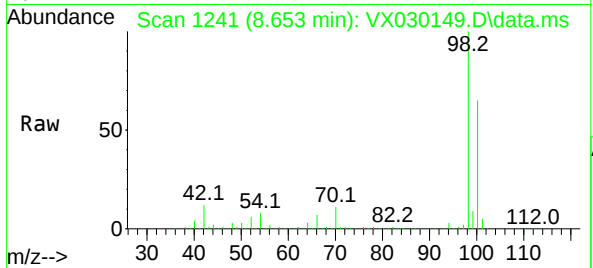




#50  
Toluene-d8  
Concen: 48.163 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX030149.D  
Acq: 20 Jul 2022 21:53

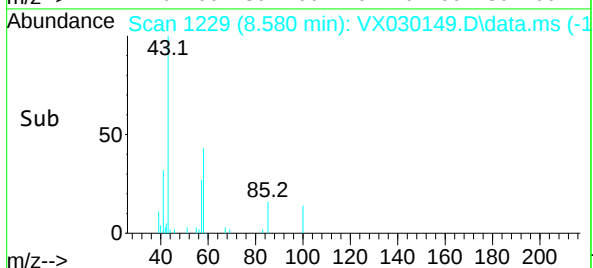
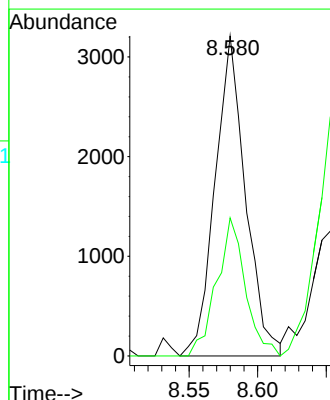
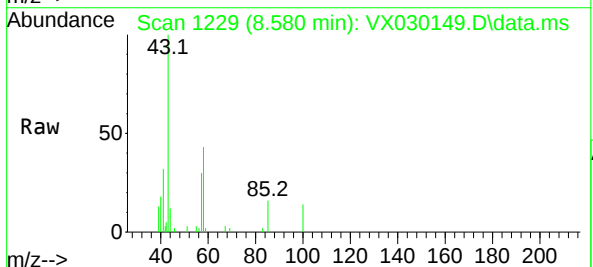
Instrument :  
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ClientSampleId :  
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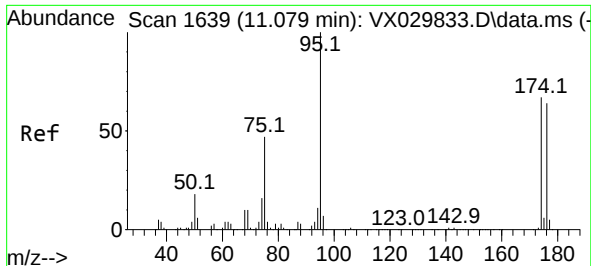
Tgt Ion: 98 Resp: 376396  
Ion Ratio Lower Upper  
98 100  
100 65.0 52.3 78.5



#51  
4-Methyl-2-Pentanone  
Concen: 1.447 ug/l  
RT: 8.580 min Scan# 1229  
Delta R.T. -0.000 min  
Lab File: VX030149.D  
Acq: 20 Jul 2022 21:53

Tgt Ion: 43 Resp: 4967  
Ion Ratio Lower Upper  
43 100  
58 40.7 31.4 47.2





#62

4-Bromofluorobenzene

Concen: 45.770 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX030149.D

Acq: 20 Jul 2022 21:53

Instrument :

MSVOA\_X

ClientSampleId :

AUD-1821

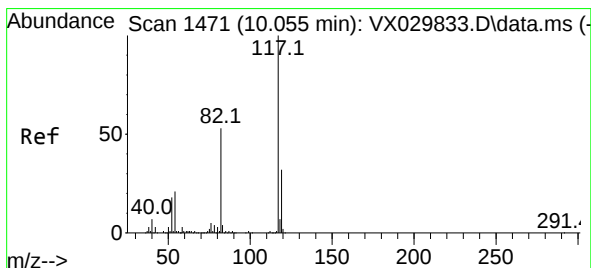
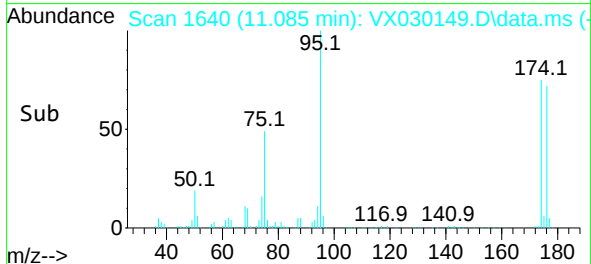
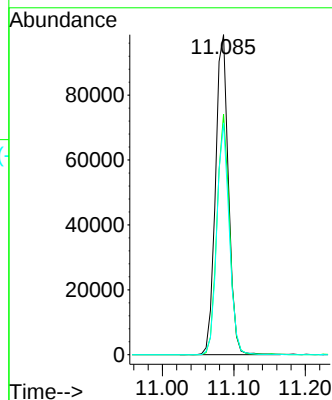
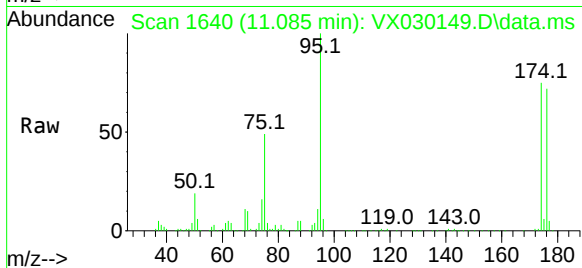
Tgt Ion: 95 Resp: 124131

Ion Ratio Lower Upper

95 100

174 72.1 0.0 149.0

176 69.3 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX030149.D

Acq: 20 Jul 2022 21:53

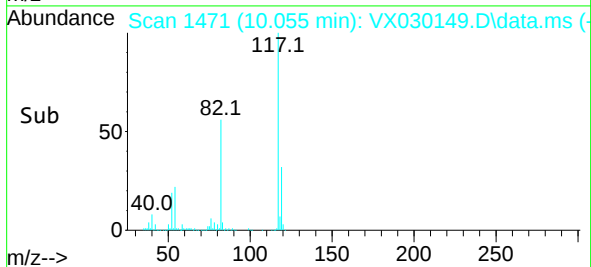
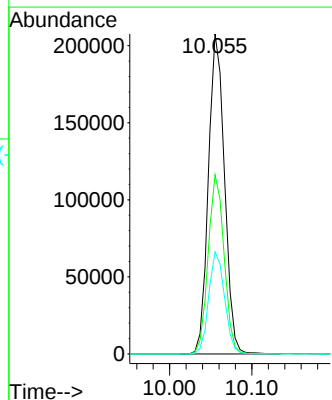
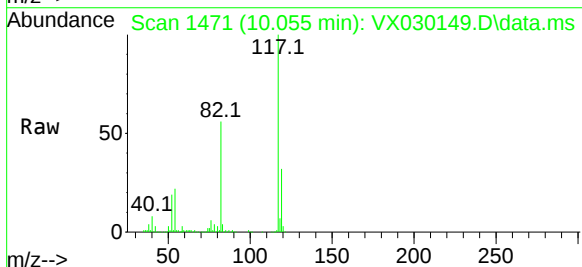
Tgt Ion: 117 Resp: 282309

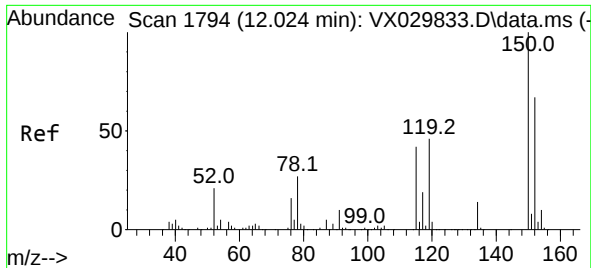
Ion Ratio Lower Upper

117 100

82 56.0 42.7 64.1

119 31.9 25.4 38.2

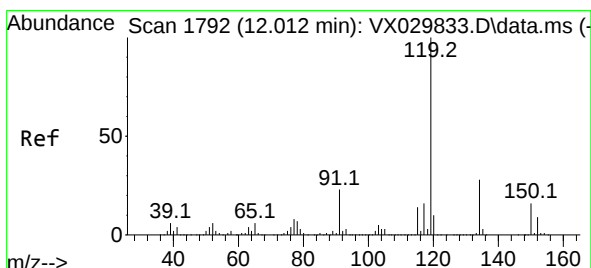
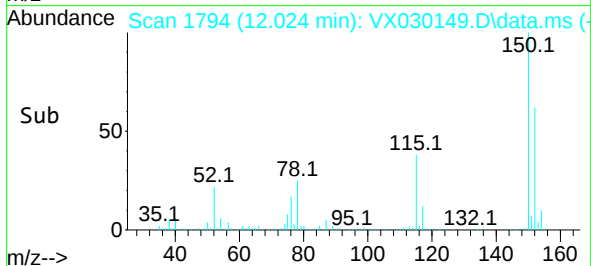
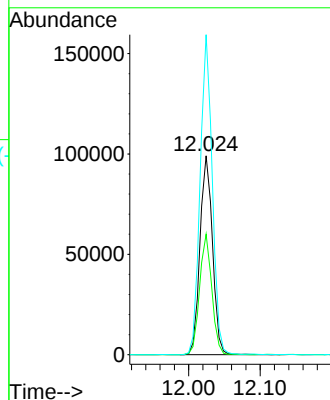
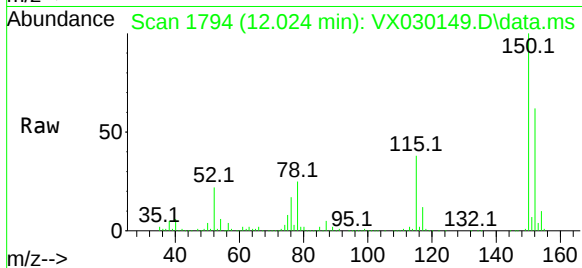




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX030149.D  
Acq: 20 Jul 2022 21:53

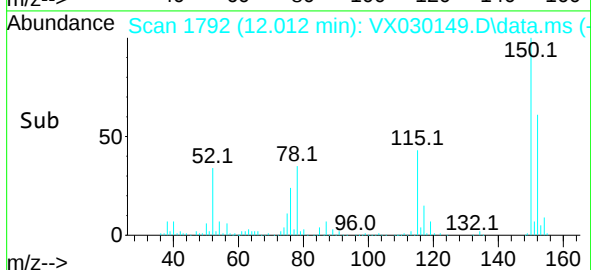
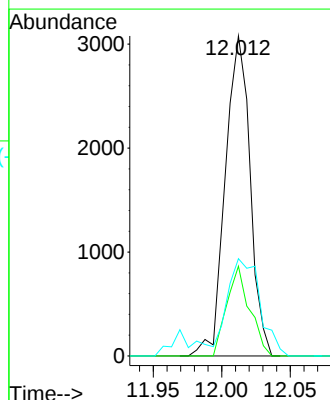
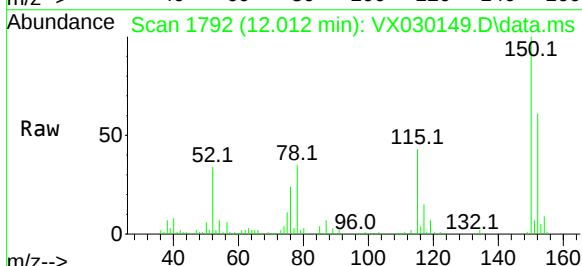
Instrument :  
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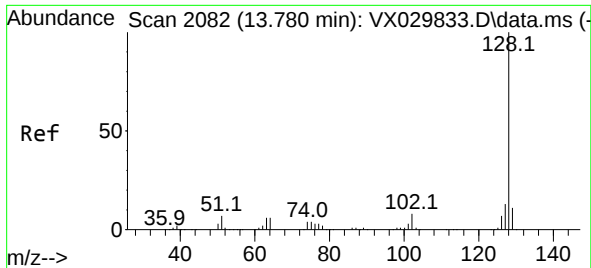
Tgt Ion:152 Resp: 120326  
Ion Ratio Lower Upper  
152 100  
115 59.0 40.5 121.5  
150 155.9 0.0 347.0



#86  
p-Isopropyltoluene  
Concen: 0.539 ug/l  
RT: 12.012 min Scan# 1792  
Delta R.T. 0.000 min  
Lab File: VX030149.D  
Acq: 20 Jul 2022 21:53

Tgt Ion:119 Resp: 3871  
Ion Ratio Lower Upper  
119 100  
134 25.9 13.9 41.6  
91 40.8 11.8 35.3#





#95

Naphthalene

Concen: 0.657 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX030149.D

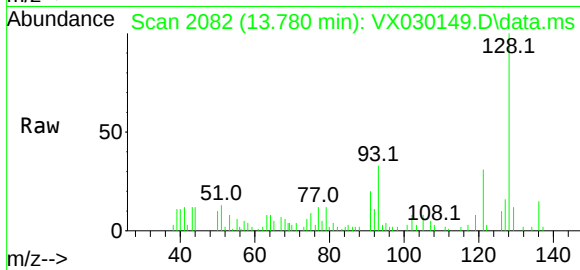
Acq: 20 Jul 2022 21:53

Instrument :

MSVOA\_X

ClientSampleId :

AUD-1821



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 6302  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 15.3  | 10.2  | 15.2# |
| 129      | 14.1  | 8.6   | 13.0# |

