

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX020922\  
 Data File : VX026895.D  
 Acq On : 10 Feb 2022 02:33  
 Operator : JC/MD  
 Sample : N1447-14  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Feb 10 03:54:01 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X020822W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 08 07:07:46 2022  
 Response via : Initial Calibration

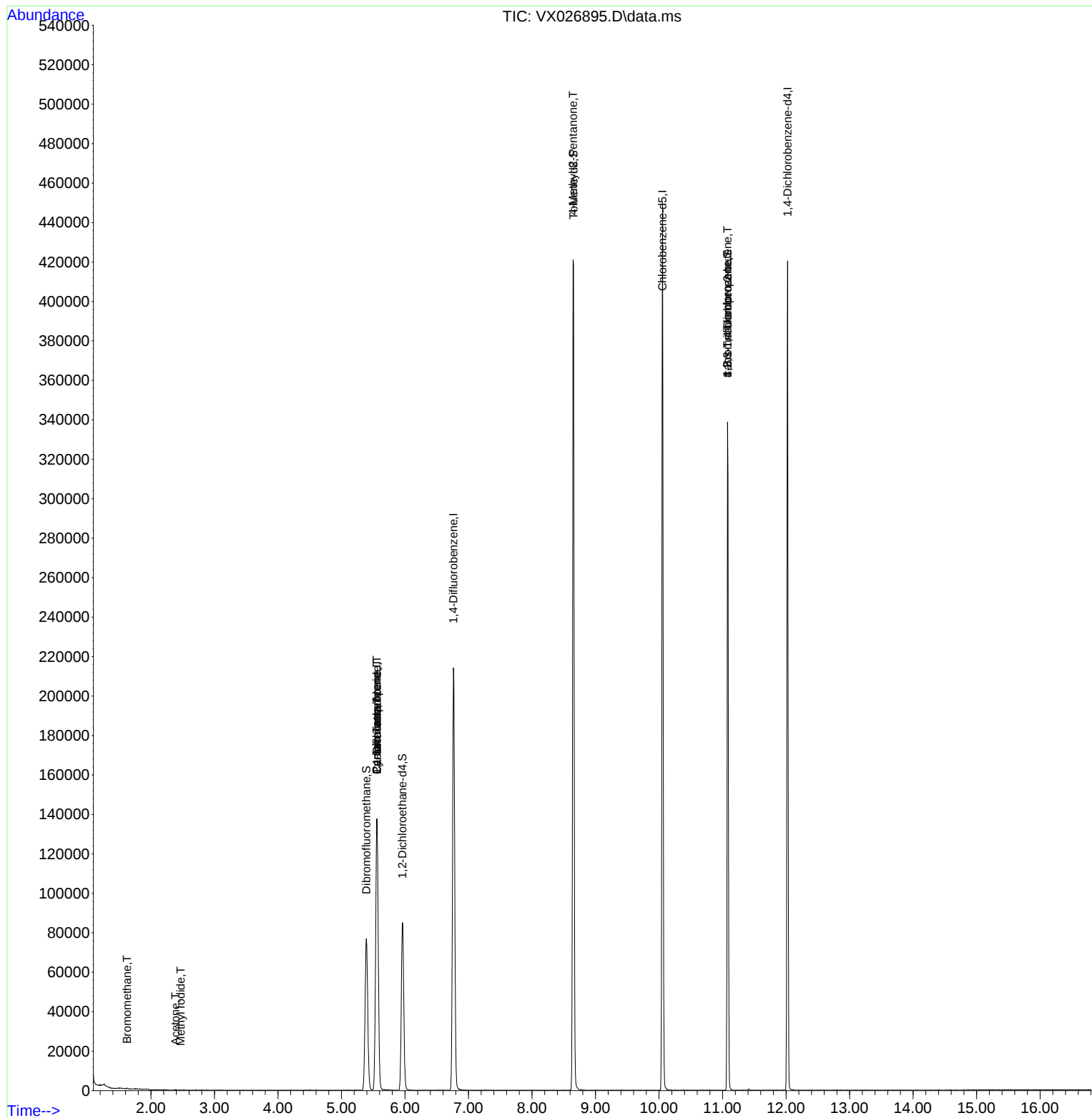
| Compound                      | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-------------------------------|-----------|-------|----------|----------|------------|----------|
| -----                         |           |       |          |          |            |          |
| Internal Standards            |           |       |          |          |            |          |
| 1) Pentafluorobenzene         | 5.556     | 168   | 131652   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763     | 114   | 220126   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 10.055    | 117   | 197765   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024    | 152   | 82319    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds   |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4     | 5.958     | 65    | 85219    | 53.924   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 78 - 117 | Recovery | = 107.840% |          |
| 35) Dibromofluoromethane      | 5.391     | 113   | 68161    | 51.973   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 75 - 124 | Recovery | = 103.940% |          |
| 50) Toluene-d8                | 8.653     | 98    | 256361   | 53.253   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 92 - 112 | Recovery | = 106.500% |          |
| 62) 4-Bromofluorobenzene      | 11.079    | 95    | 94134    | 55.541   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 83 - 123 | Recovery | = 111.080% |          |
| Target Compounds              |           |       |          |          |            |          |
|                               |           |       |          |          | Qvalue     |          |
| 5) Bromomethane               | 1.624     | 94    | 164      | 0.277    | ug/l #     | 74       |
| 10) Methyl Iodide             | 2.465     | 142   | 140      | 2.326    | ug/l #     | 37       |
| 16) Acetone                   | 2.386     | 43    | 375      | 0.540    | ug/l #     | 46       |
| 31) Cyclohexane               | 5.556     | 56    | 2621     | 1.044    | ug/l #     | 1        |
| 36) 1,1-Dichloropropene       | 5.556     | 75    | 10311    | 4.984    | ug/l #     | 51       |
| 38) Carbon Tetrachloride      | 5.556     | 117   | 13471    | 6.209    | ug/l #     | 16       |
| 51) 4-Methyl-2-Pentanone      | 8.647     | 43    | 1093     | 0.499    | ug/l #     | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079    | 75    | 46686    | 25.908   | ug/l #     | 40       |
| 81) trans-1,4-Dichloro-2-b... | 11.079    | 75    | 46686    | 78.902   | ug/l #     | 3        |
| -----                         |           |       |          |          |            |          |

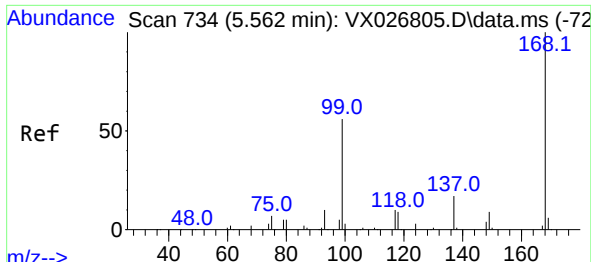
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 37 Sample Multiplier: 1

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MSVOA\_X  
ClientSampleId :

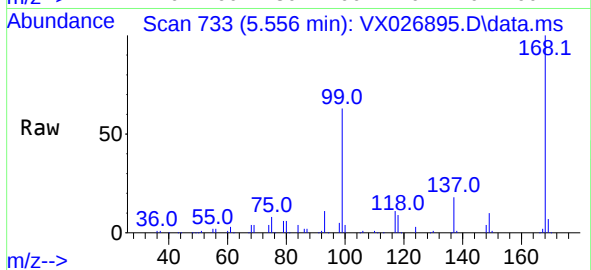
Quant Time: Feb 10 03:54:01 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X020822W.M  
Quant Title : SW846 8260  
QLast Update : Tue Feb 08 07:07:46 2022  
Response via : Initial Calibration



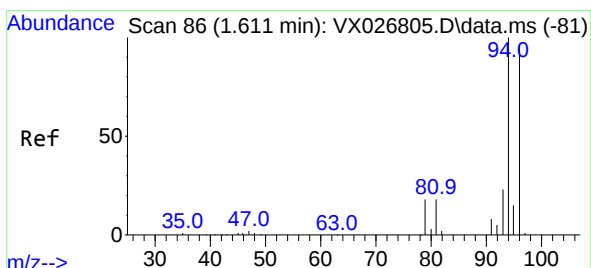
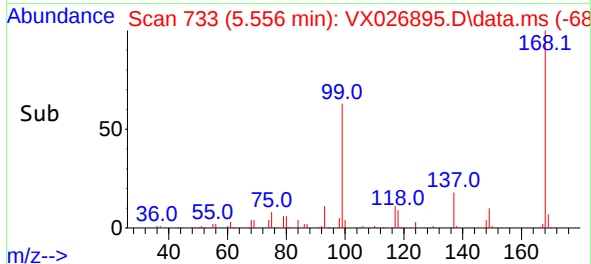
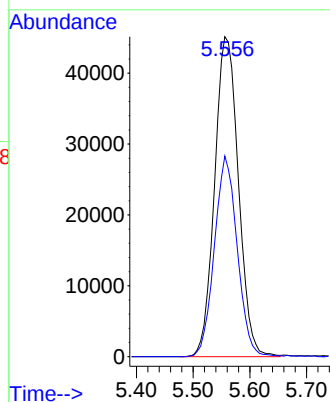


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX026895.D  
Acq: 10 Feb 2022 02:33

Instrument :  
MSVOA\_X  
ClientSampleId :

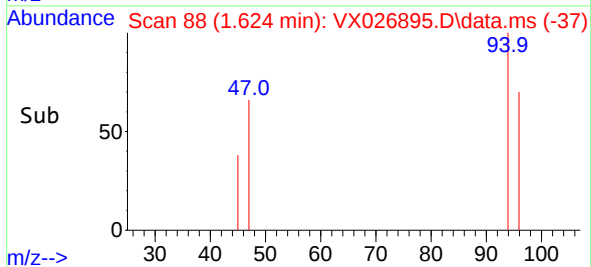
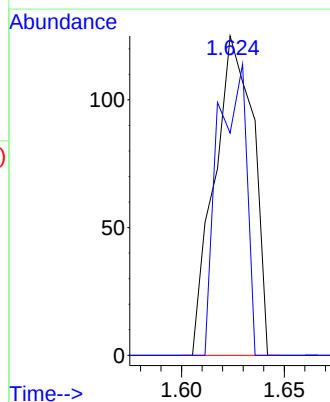
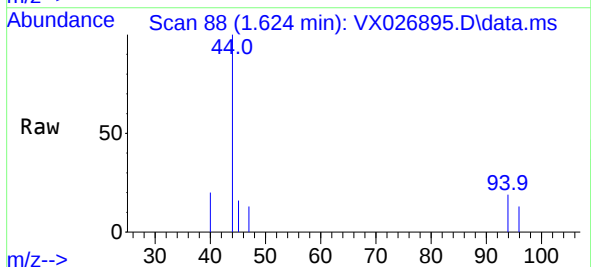


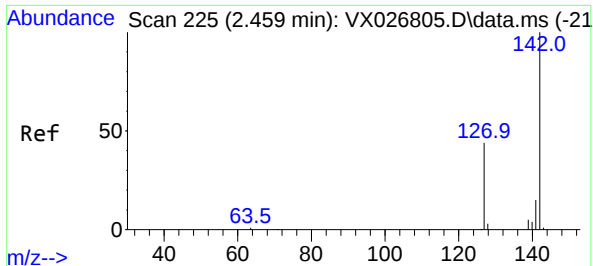
Tgt Ion:168 Resp: 131652  
Ion Ratio Lower Upper  
168 100  
99 62.7 50.3 75.5



#5  
Bromomethane  
Concen: 0.277 ug/l  
RT: 1.624 min Scan# 88  
Delta R.T. 0.012 min  
Lab File: VX026895.D  
Acq: 10 Feb 2022 02:33

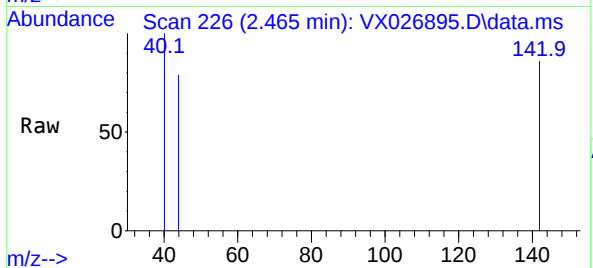
Tgt Ion: 94 Resp: 164  
Ion Ratio Lower Upper  
94 100  
96 69.6 75.9 113.9#



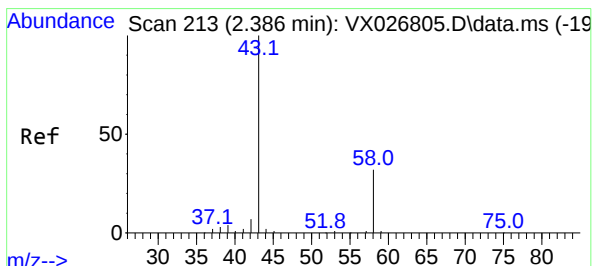
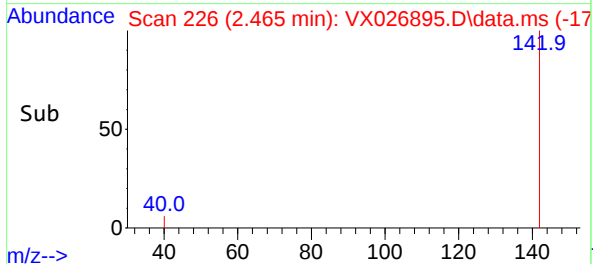
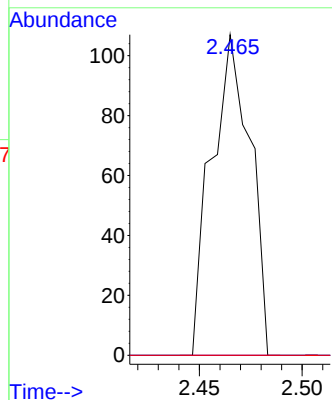


#10  
Methyl Iodide  
Concen: 2.326 ug/l  
RT: 2.465 min Scan# 210  
Delta R.T. 0.006 min  
Lab File: VX026895.D  
Acq: 10 Feb 2022 02:33

Instrument :  
MSVOA\_X  
ClientSampleId :

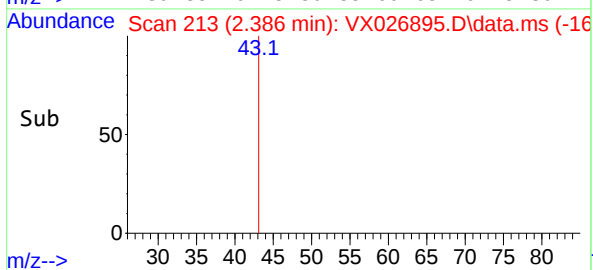
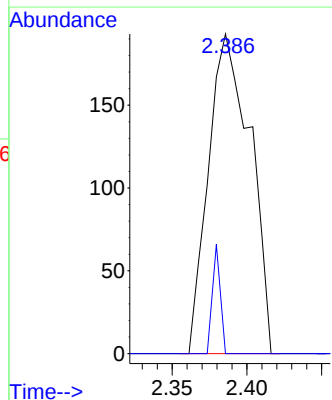
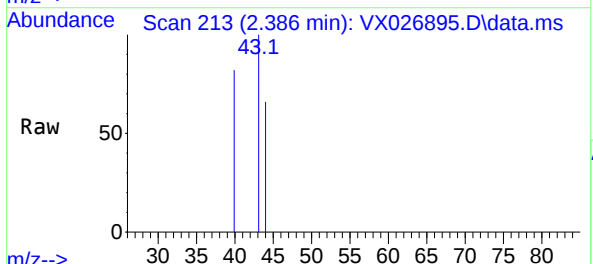


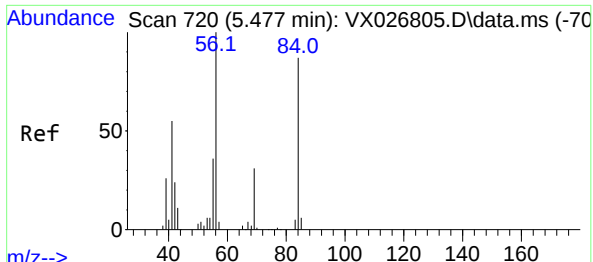
Tgt Ion:142 Resp: 140  
Ion Ratio Lower Upper  
142 100  
127 0.0 38.1 57.1#  
141 0.0 11.2 16.8#



#16  
Acetone  
Concen: 0.540 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.000 min  
Lab File: VX026895.D  
Acq: 10 Feb 2022 02:33

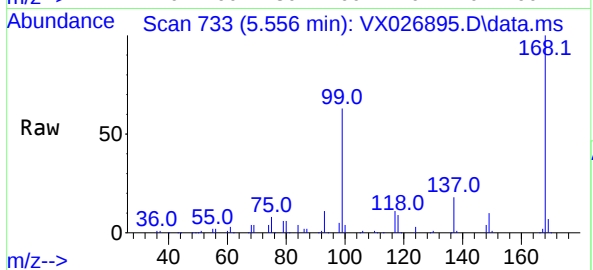
Tgt Ion: 43 Resp: 375  
Ion Ratio Lower Upper  
43 100  
58 0.0 23.0 34.6#



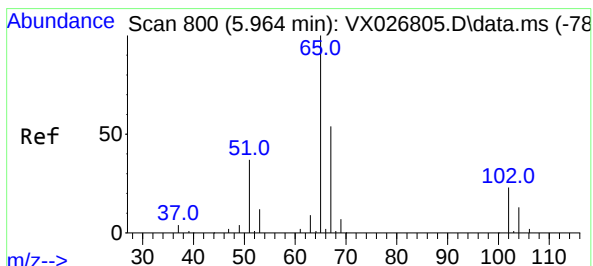
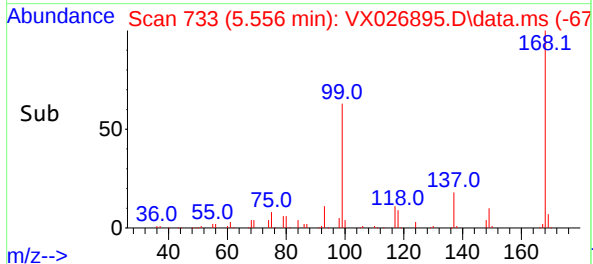
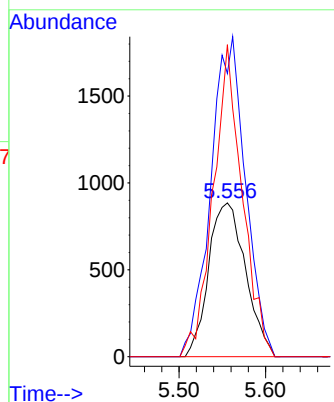


#31  
Cyclohexane  
Concen: 1.044 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.079 min  
Lab File: VX026895.D  
Acq: 10 Feb 2022 02:33

Instrument :  
MSVOA\_X  
ClientSampleId :

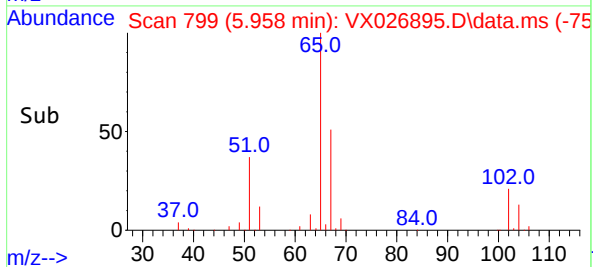
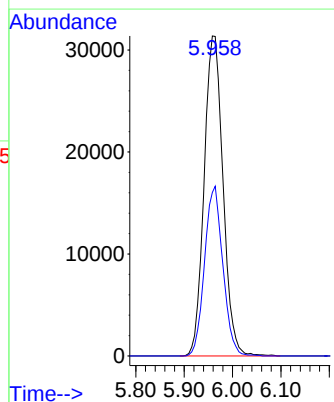
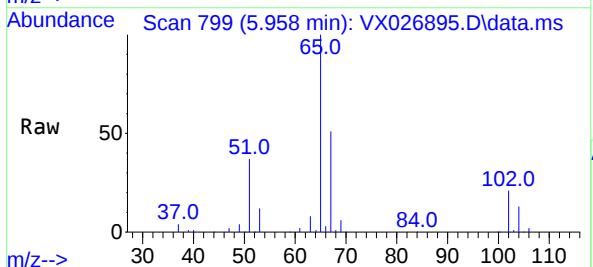


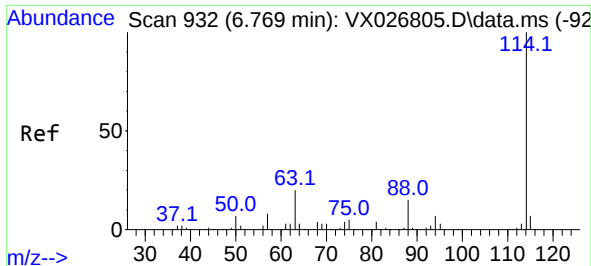
Tgt Ion: 56 Resp: 2621  
Ion Ratio Lower Upper  
56 100  
69 184.2 25.8 38.6#  
84 202.9 68.9 103.3#



#33  
1,2-Dichloroethane-d4  
Concen: 53.924 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: VX026895.D  
Acq: 10 Feb 2022 02:33

Tgt Ion: 65 Resp: 85219  
Ion Ratio Lower Upper  
65 100  
67 51.2 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX026895.D

Acq: 10 Feb 2022 02:33

Instrument :

MSVOA\_X

ClientSampleId :

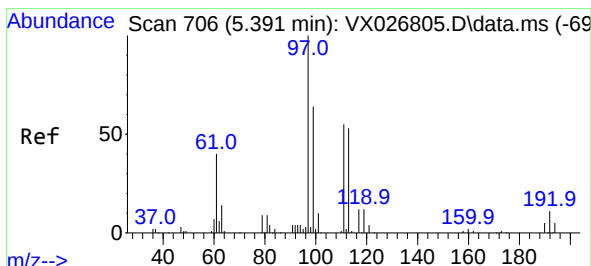
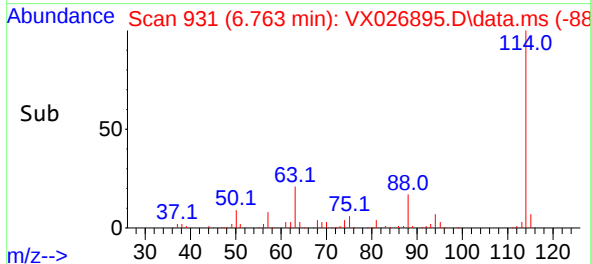
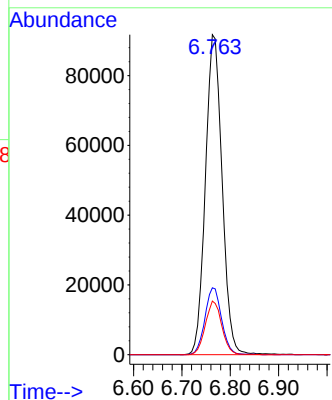
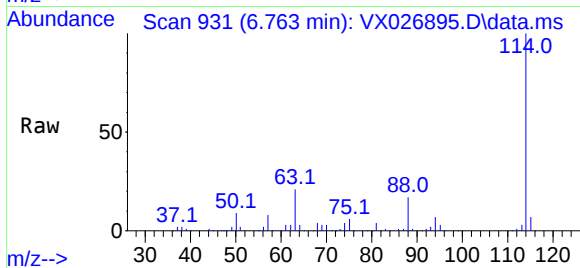
Tgt Ion:114 Resp: 220126

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.8

88 16.8 0.0 33.0



#35

Dibromofluoromethane

Concen: 51.973 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026895.D

Acq: 10 Feb 2022 02:33

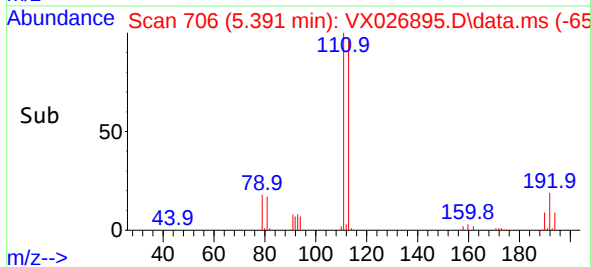
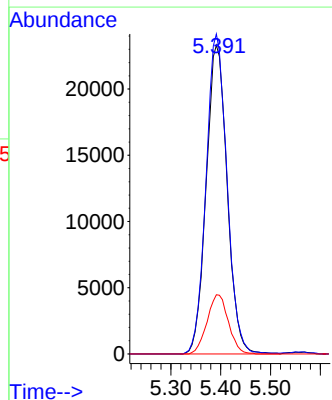
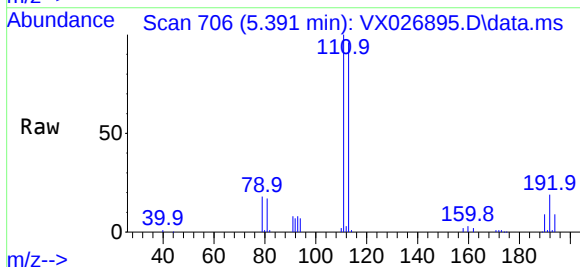
Tgt Ion:113 Resp: 68161

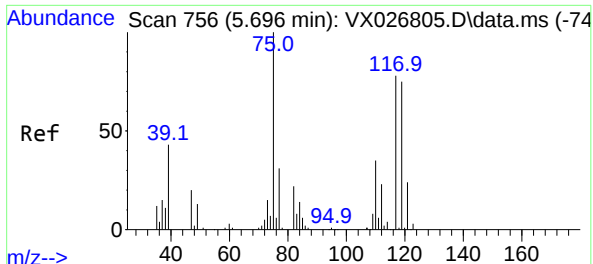
Ion Ratio Lower Upper

113 100

111 103.2 81.2 121.8

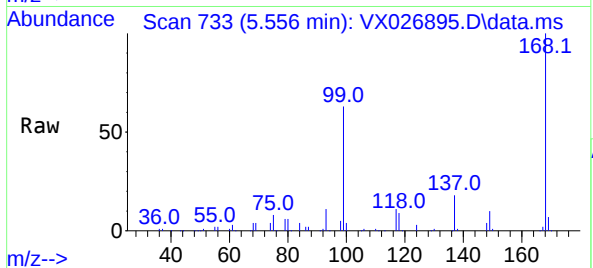
192 19.4 15.0 22.4



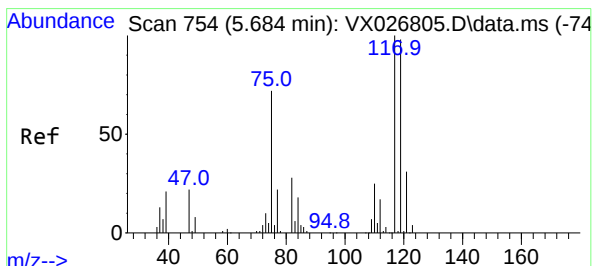
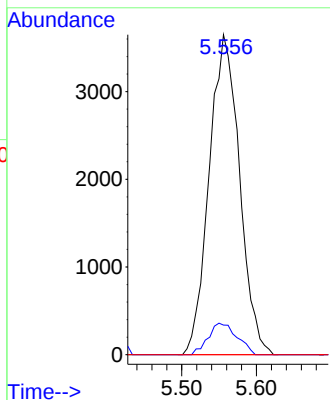
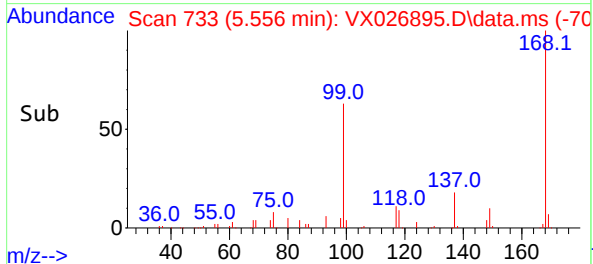


#36  
1,1-Dichloropropene  
Concen: 4.984 ug/l  
RT: 5.556 min Scan# 713  
Delta R.T. -0.140 min  
Lab File: VX026895.D  
Acq: 10 Feb 2022 02:33

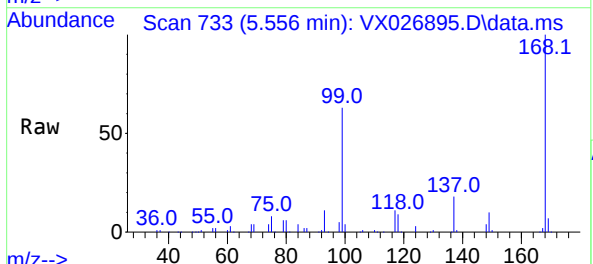
Instrument :  
MSVOA\_X  
ClientSampleId :



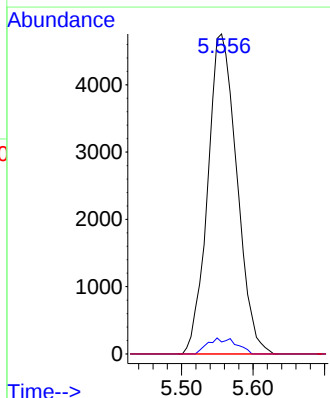
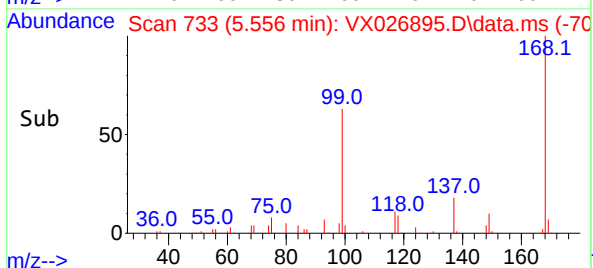
Tgt Ion: 75 Resp: 10311  
Ion Ratio Lower Upper  
75 100  
110 9.3 17.2 51.6#  
77 0.0 24.6 36.8#

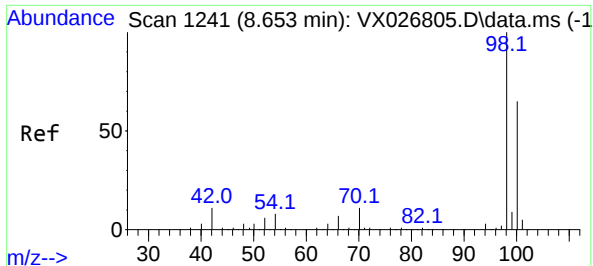


#38  
Carbon Tetrachloride  
Concen: 6.209 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.128 min  
Lab File: VX026895.D  
Acq: 10 Feb 2022 02:33



Tgt Ion: 117 Resp: 13471  
Ion Ratio Lower Upper  
117 100  
119 3.7 74.7 112.1#  
121 0.0 25.4 38.0#

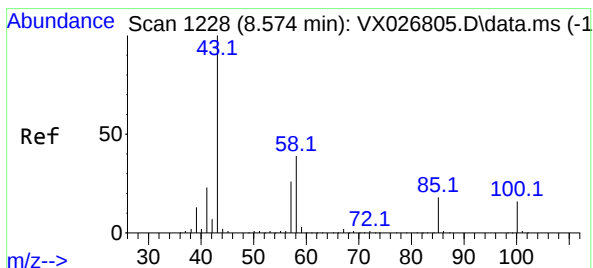
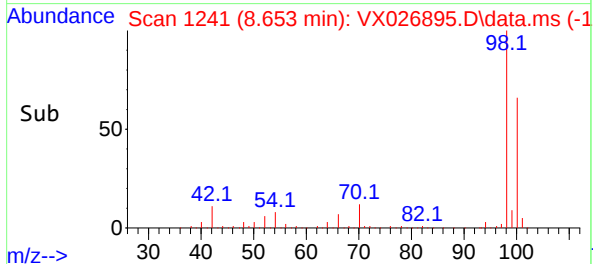
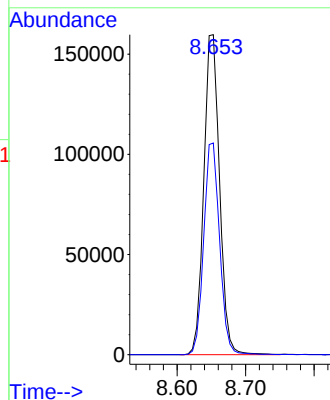
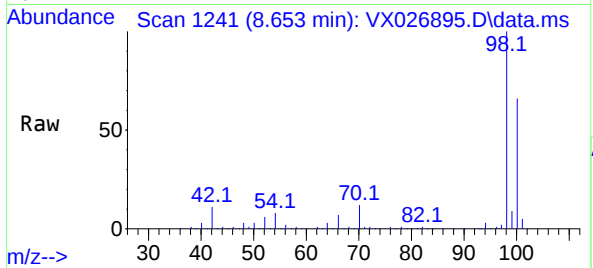




#50  
Toluene-d8  
Concen: 53.253 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX026895.D  
Acq: 10 Feb 2022 02:33

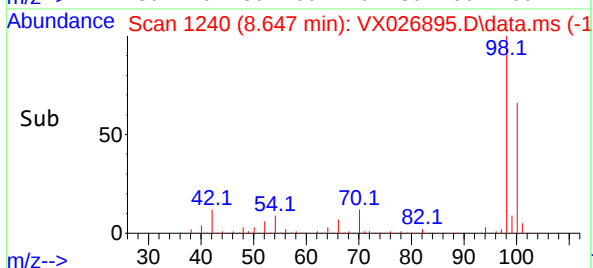
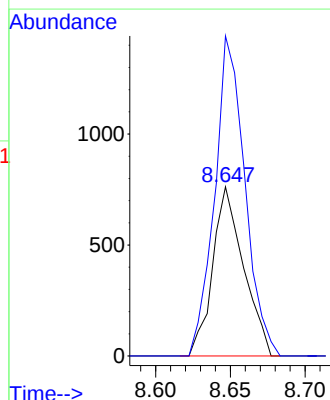
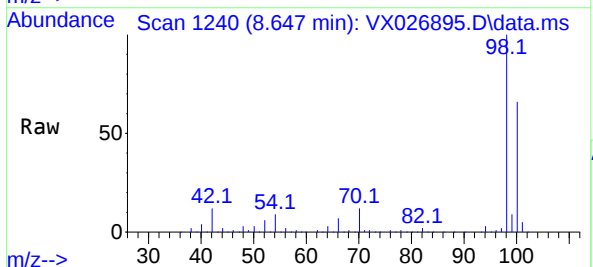
Instrument :  
MSVOA\_X  
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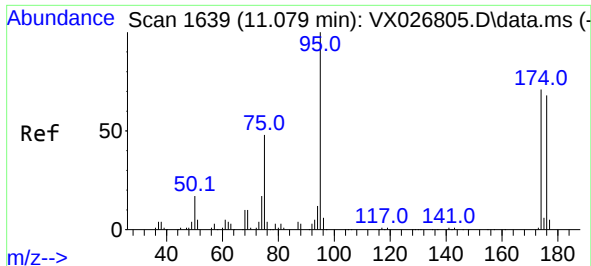
Tgt Ion: 98 Resp: 256361  
Ion Ratio Lower Upper  
98 100  
100 66.6 53.2 79.8



#51  
4-Methyl-2-Pentanone  
Concen: 0.499 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.073 min  
Lab File: VX026895.D  
Acq: 10 Feb 2022 02:33

Tgt Ion: 43 Resp: 1093  
Ion Ratio Lower Upper  
43 100  
58 185.6 30.5 45.7#

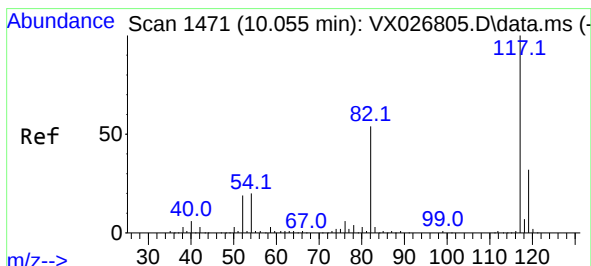
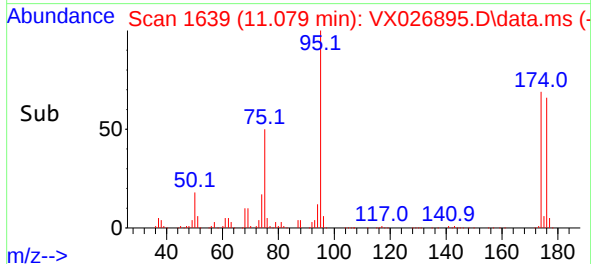
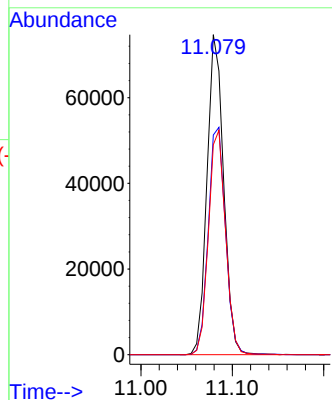
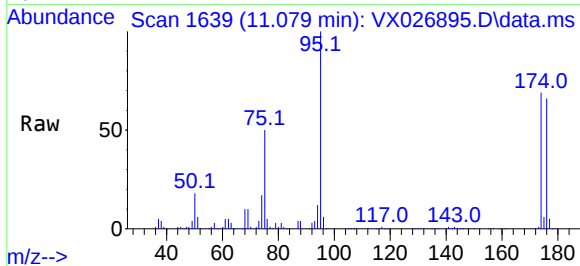




#62  
4-Bromofluorobenzene  
Concen: 55.541 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX026895.D  
Acq: 10 Feb 2022 02:33

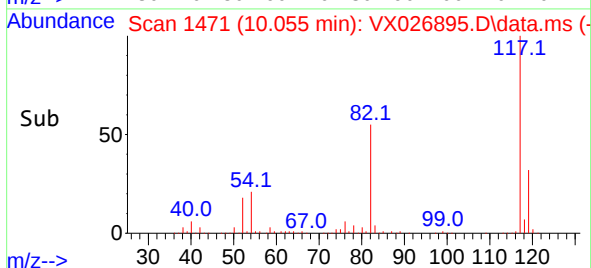
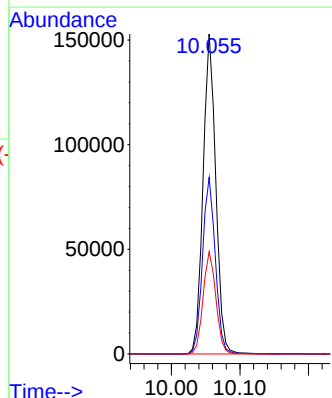
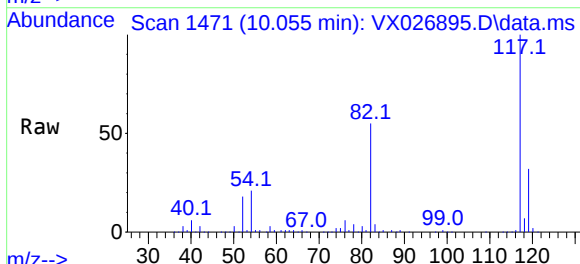
Instrument :  
MSVOA\_X  
ClientSampleId :

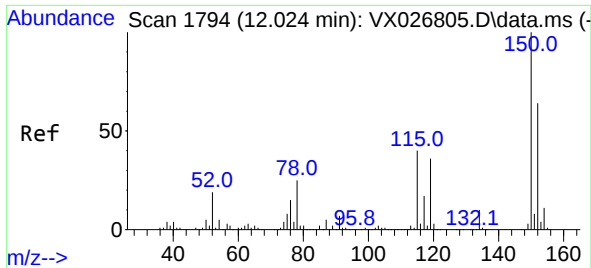
Tgt Ion: 95 Resp: 94134  
Ion Ratio Lower Upper  
95 100  
174 73.7 0.0 148.6  
176 71.8 0.0 141.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX026895.D  
Acq: 10 Feb 2022 02:33

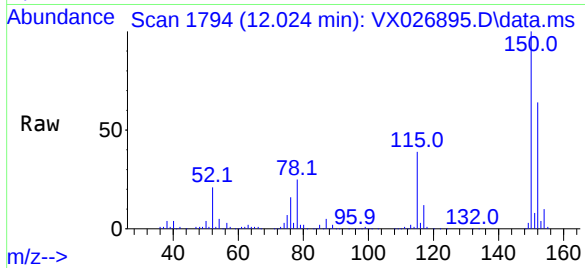
Tgt Ion: 117 Resp: 197765  
Ion Ratio Lower Upper  
117 100  
82 55.1 45.2 67.8  
119 32.0 26.2 39.2



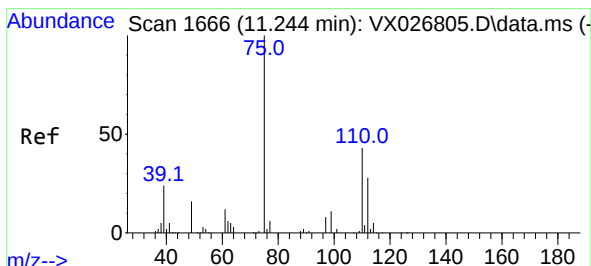
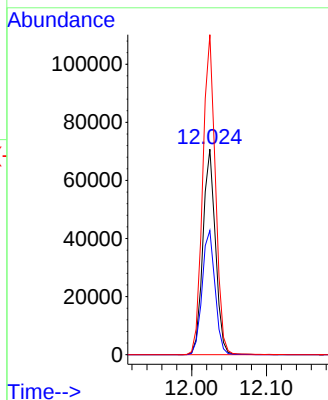
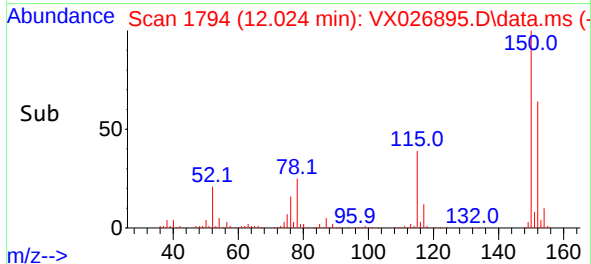


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX026895.D  
 Acq: 10 Feb 2022 02:33

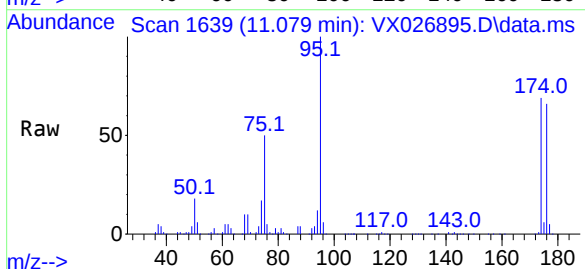
Instrument :  
 MSVOA\_X  
 ClientSampleId :



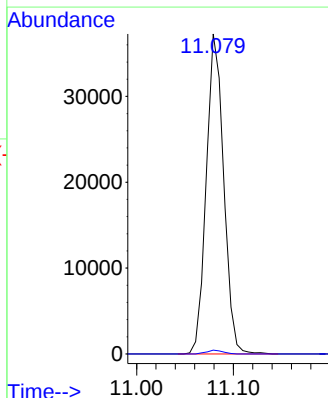
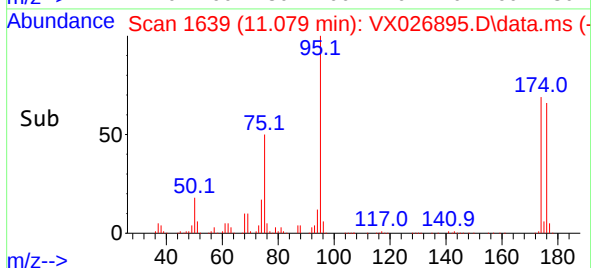
Tgt Ion:152 Resp: 82319  
 Ion Ratio Lower Upper  
 152 100  
 115 62.2 44.2 132.6  
 150 158.1 0.0 348.2

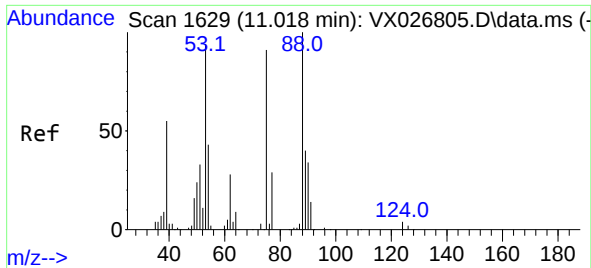


#76  
 1,2,3-Trichloropropane  
 Concen: 25.908 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. -0.165 min  
 Lab File: VX026895.D  
 Acq: 10 Feb 2022 02:33



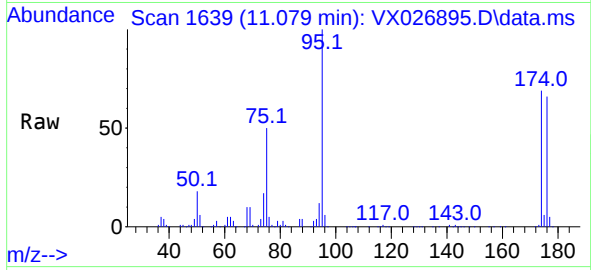
Tgt Ion: 75 Resp: 46686  
 Ion Ratio Lower Upper  
 75 100  
 77 1.1 18.3 54.8#





#81  
trans-1,4-Dichloro-2-butene  
Concen: 78.902 ug/l  
RT: 11.079 min Scan# 10  
Delta R.T. 0.061 min  
Lab File: VX026895.D  
Acq: 10 Feb 2022 02:33

Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion: 75 Resp: 46686  
Ion Ratio Lower Upper  
75 100  
53 0.0 94.0 141.0#  
89 0.0 37.0 55.4#

