

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012722\  
 Data File : VX026617.D  
 Acq On : 27 Jan 2022 12:27  
 Operator : JC/MD  
 Sample : N1286-18  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB-2022-01-26

Quant Time: Jan 28 04:24:40 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011122W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 11 14:45:13 2022  
 Response via : Initial Calibration

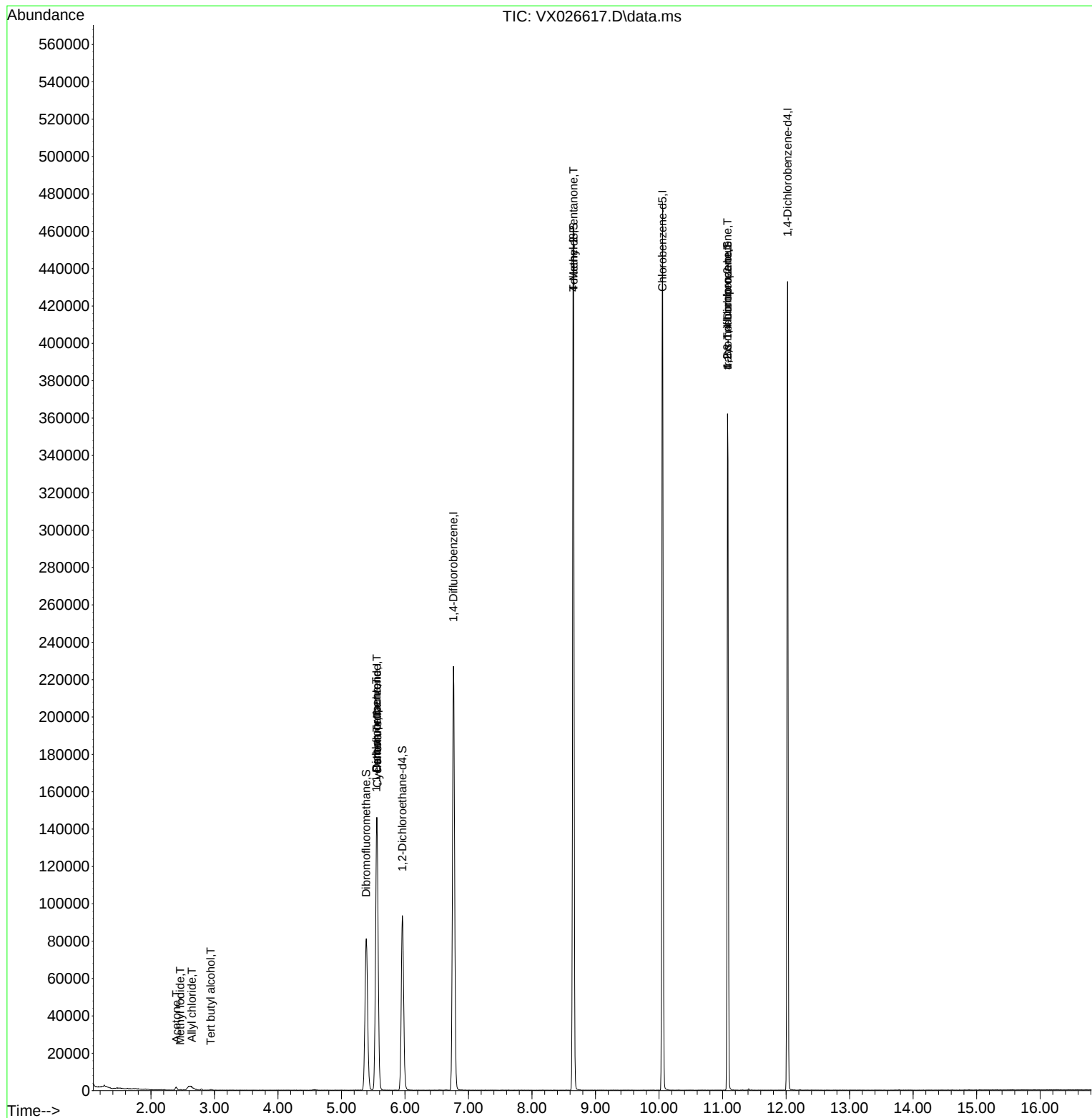
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Pentafluorobenzene         | 5.556  | 168   | 137212   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 232999   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 210019   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 86601    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.958  | 65    | 89691    | 46.793   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery | =      | 93.580%  |
| 35) Dibromofluoromethane      | 5.385  | 113   | 72301    | 48.052   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | =      | 96.100%  |
| 50) Toluene-d8                | 8.653  | 98    | 273880   | 50.512   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery | =      | 101.020% |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 99451    | 51.633   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery | =      | 103.260% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 10) Methyl Iodide             | 2.459  | 142   | 372      | 4.655    | ug/l # | 62       |
| 11) Tert butyl alcohol        | 2.940  | 59    | 210      | 0.788    | ug/l # | 75       |
| 14) Allyl chloride            | 2.642  | 41    | 908      | 0.345    | ug/l # | 25       |
| 16) Acetone                   | 2.398  | 43    | 2355     | 2.409    | ug/l   | 91       |
| 31) Cyclohexane               | 5.562  | 56    | 2832     | 1.002    | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 5.550  | 75    | 10497    | 4.419    | ug/l # | 51       |
| 38) Carbon Tetrachloride      | 5.556  | 117   | 14116    | 5.778    | ug/l # | 17       |
| 51) 4-Methyl-2-Pentanone      | 8.653  | 43    | 1211     | 0.526    | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 50161    | 26.307   | ug/l # | 40       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 50161    | 79.703   | ug/l # | 4        |
| -----                         |        |       |          |          |        |          |

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

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ClientSampleId :  
TB-2022-01-26

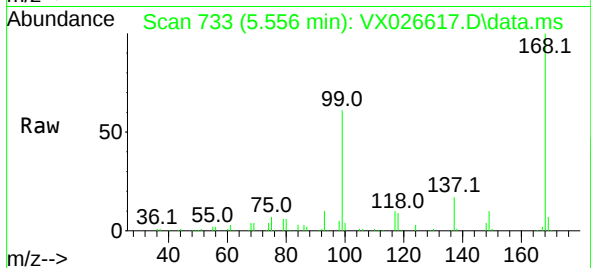
Quant Time: Jan 28 04:24:40 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011122W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 11 14:45:13 2022  
Response via : Initial Calibration



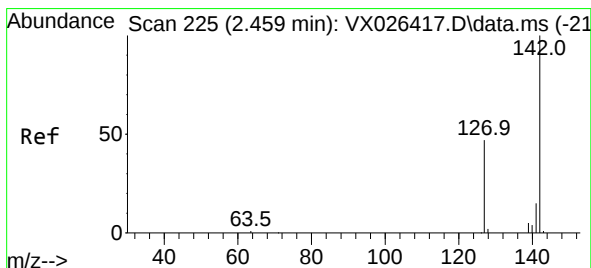
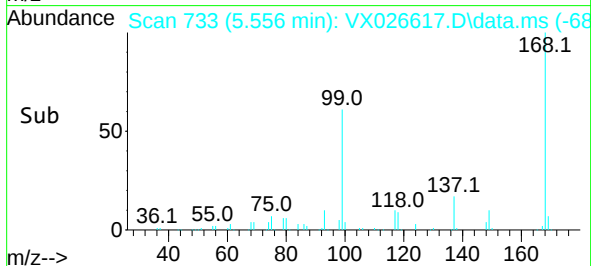
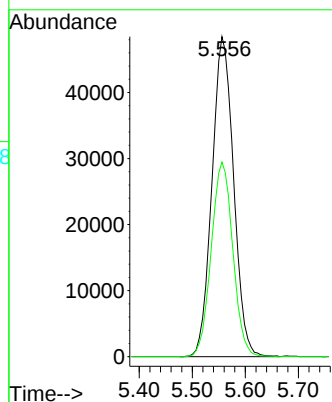


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.000 min  
Lab File: VX026617.D  
Acq: 27 Jan 2022 12:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-2022-01-26

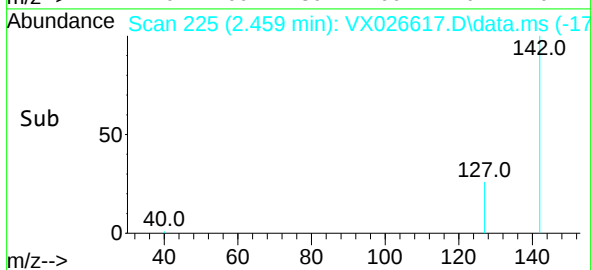
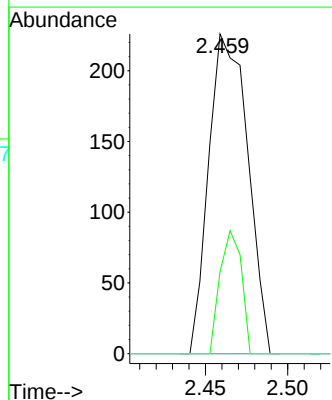
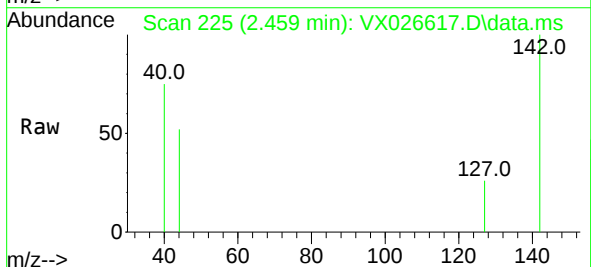


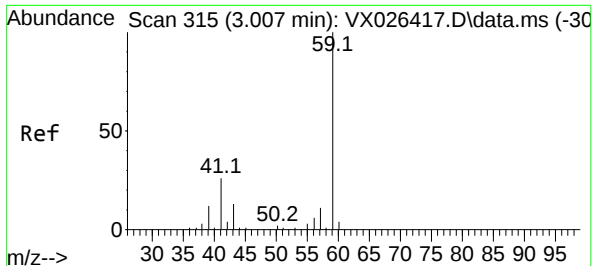
Tgt Ion:168 Resp: 137212  
Ion Ratio Lower Upper  
168 100  
99 60.8 50.3 75.5



#10  
Methyl Iodide  
Concen: 4.655 ug/l  
RT: 2.459 min Scan# 225  
Delta R.T. -0.000 min  
Lab File: VX026617.D  
Acq: 27 Jan 2022 12:27

Tgt Ion:142 Resp: 372  
Ion Ratio Lower Upper  
142 100  
127 21.2 38.1 57.1#  
141 0.0 11.2 16.8#





#11

Tert butyl alcohol

Concen: 0.788 ug/l

RT: 2.940 min Scan# 30

Delta R.T. -0.067 min

Lab File: VX026617.D

Acq: 27 Jan 2022 12:27

Instrument :

MSVOA\_X

ClientSampleId :

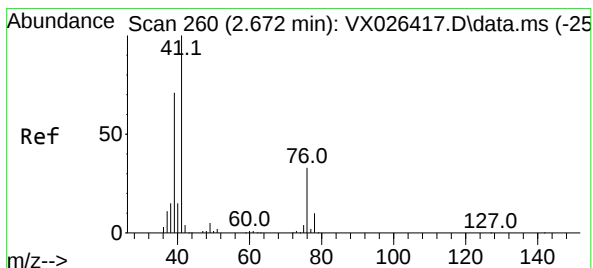
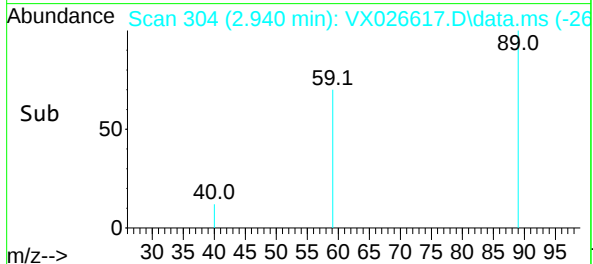
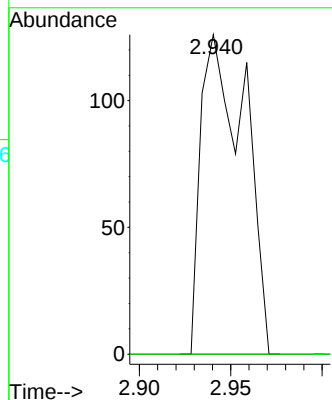
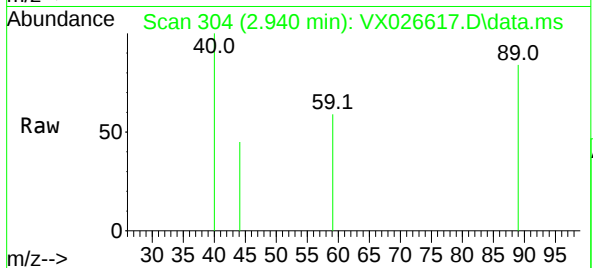
TB-2022-01-26

Tgt Ion: 59 Resp: 210

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#14

Allyl chloride

Concen: 0.345 ug/l

RT: 2.642 min Scan# 255

Delta R.T. -0.030 min

Lab File: VX026617.D

Acq: 27 Jan 2022 12:27

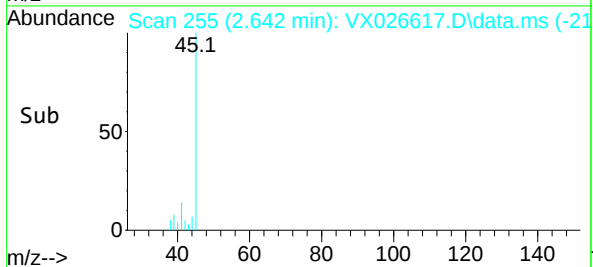
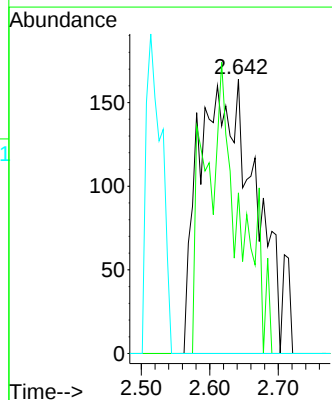
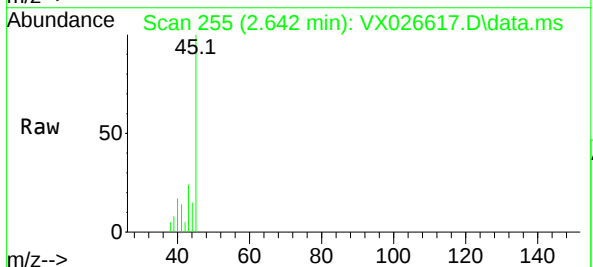
Tgt Ion: 41 Resp: 908

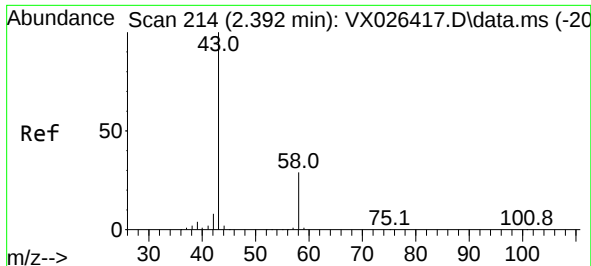
Ion Ratio Lower Upper

41 100

39 0.0 54.2 81.4#

76 0.0 25.2 37.8#

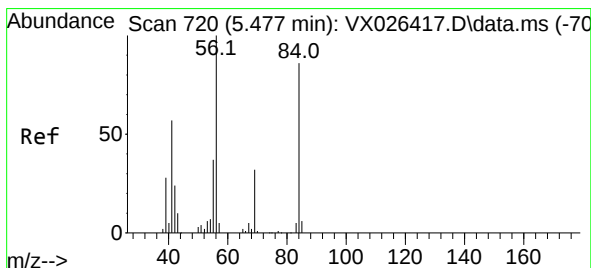
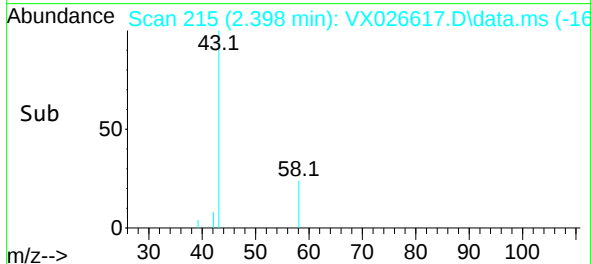
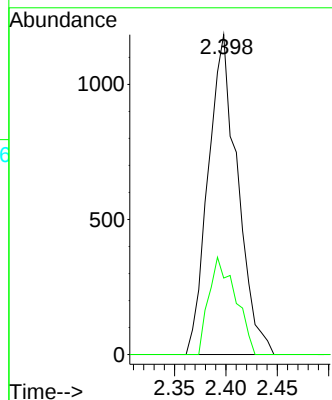
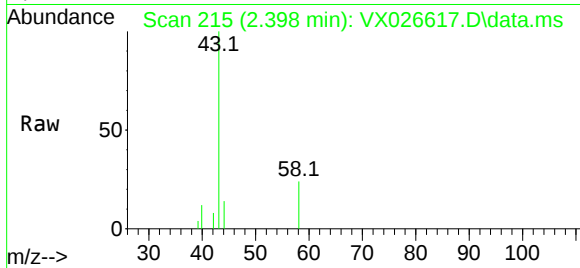




#16  
Acetone  
Concen: 2.409 ug/l  
RT: 2.398 min Scan# 214  
Delta R.T. 0.006 min  
Lab File: VX026617.D  
Acq: 27 Jan 2022 12:27

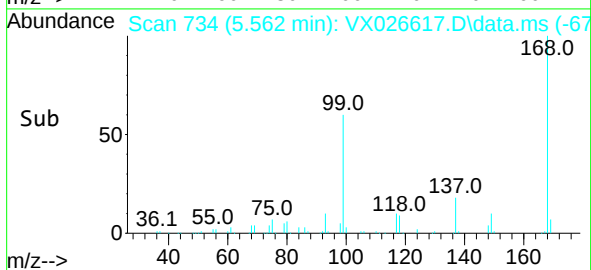
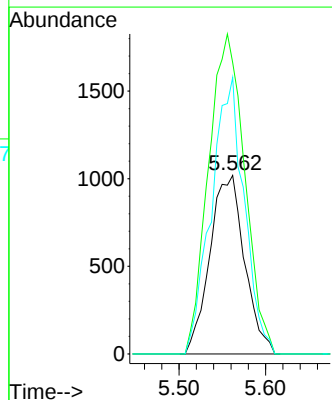
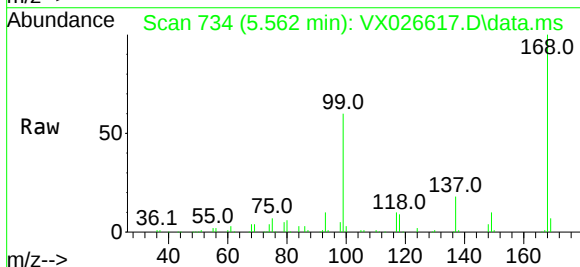
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-2022-01-26

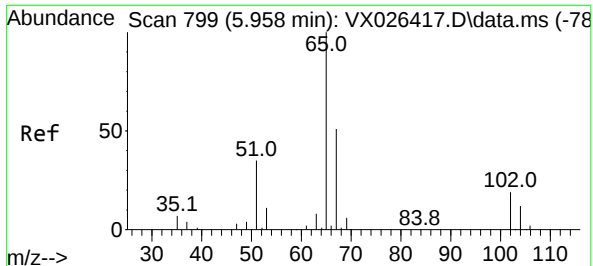
Tgt Ion: 43 Resp: 2355  
Ion Ratio Lower Upper  
43 100  
58 23.9 23.0 34.6



#31  
Cyclohexane  
Concen: 1.002 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.085 min  
Lab File: VX026617.D  
Acq: 27 Jan 2022 12:27

Tgt Ion: 56 Resp: 2832  
Ion Ratio Lower Upper  
56 100  
69 163.2 25.8 38.6#  
84 154.9 68.9 103.3#

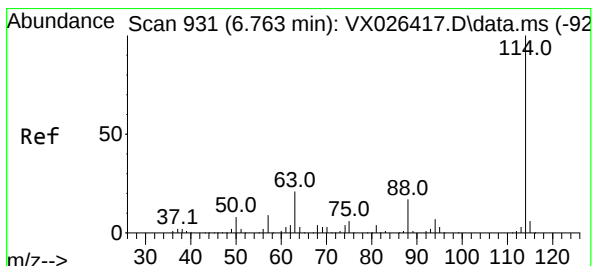
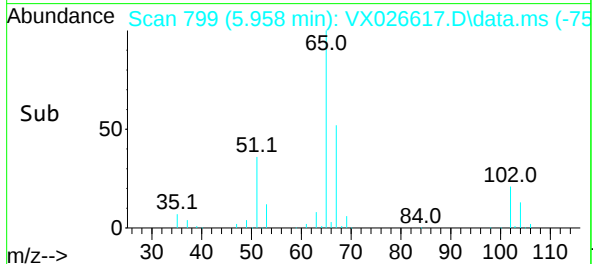
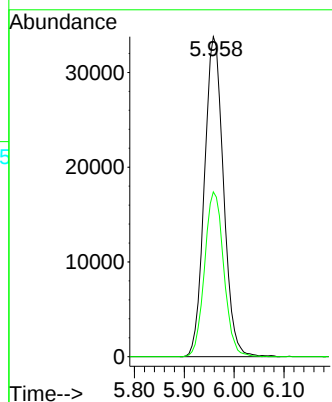
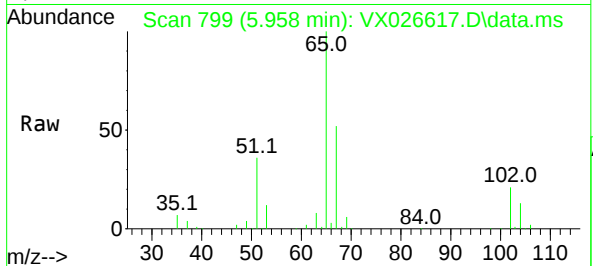




#33  
 1,2-Dichloroethane-d4  
 Concen: 46.793 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. 0.000 min  
 Lab File: VX026617.D  
 Acq: 27 Jan 2022 12:27

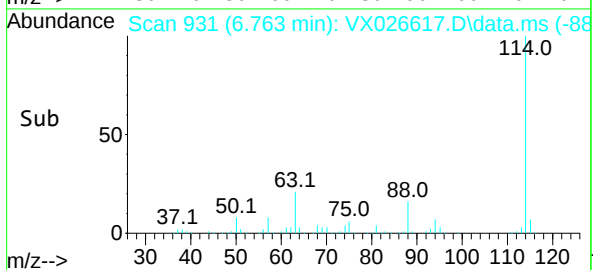
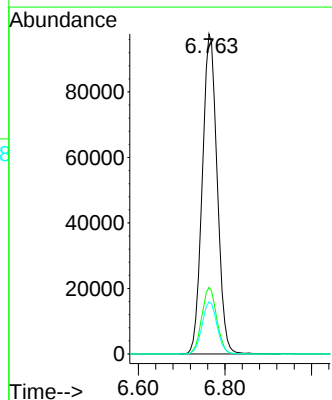
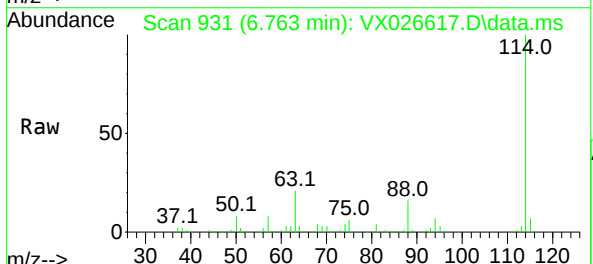
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB-2022-01-26

Tgt Ion: 65 Resp: 89691  
 Ion Ratio Lower Upper  
 65 100  
 67 51.9 0.0 100.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. 0.000 min  
 Lab File: VX026617.D  
 Acq: 27 Jan 2022 12:27

Tgt Ion: 114 Resp: 232999  
 Ion Ratio Lower Upper  
 114 100  
 63 20.8 0.0 42.8  
 88 16.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.052 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX026617.D

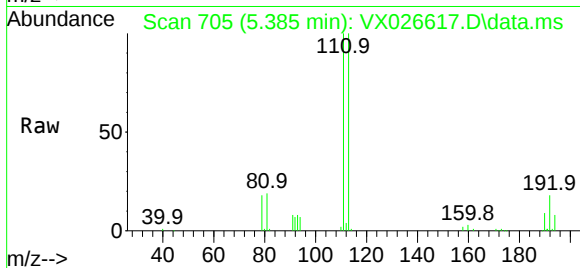
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Instrument :

MSVOA\_X

ClientSampleId :

TB-2022-01-26



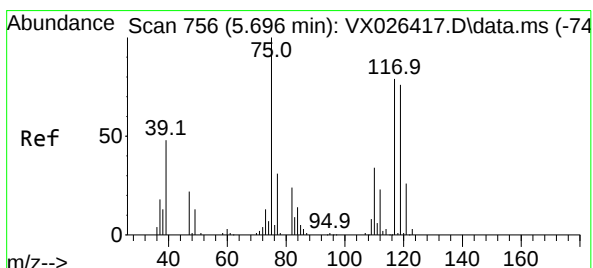
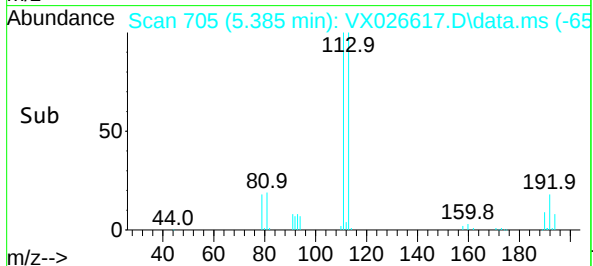
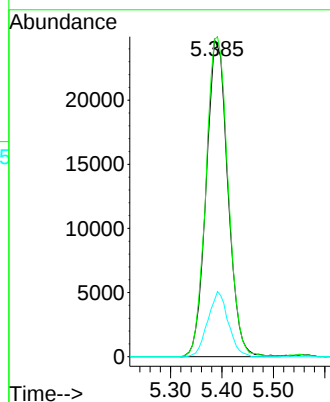
Tgt Ion:113 Resp: 72301

Ion Ratio Lower Upper

113 100

111 103.0 81.2 121.8

192 19.3 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.419 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX026617.D

Acq: 27 Jan 2022 12:27

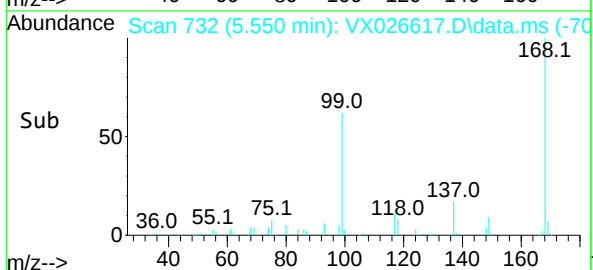
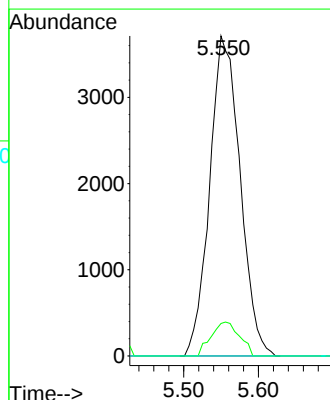
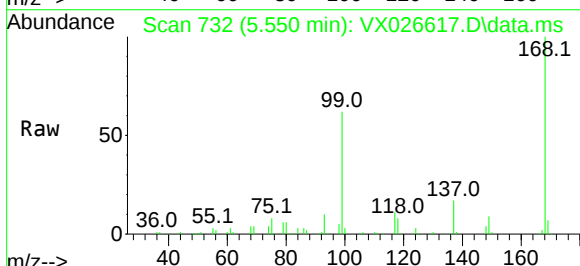
Tgt Ion: 75 Resp: 10497

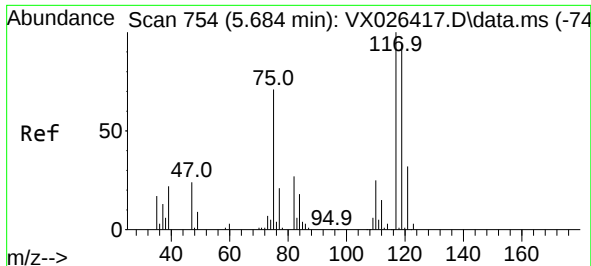
Ion Ratio Lower Upper

75 100

110 9.9 17.2 51.6#

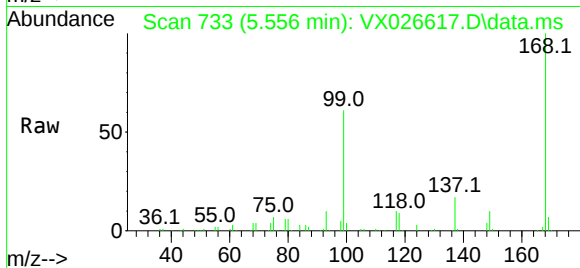
77 0.0 24.6 36.8#



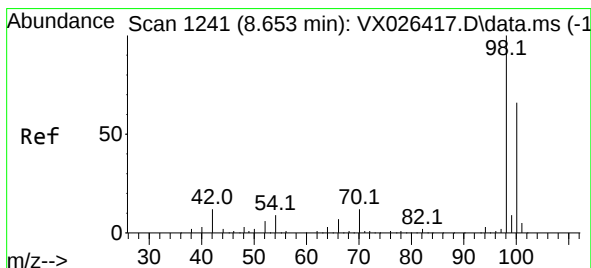
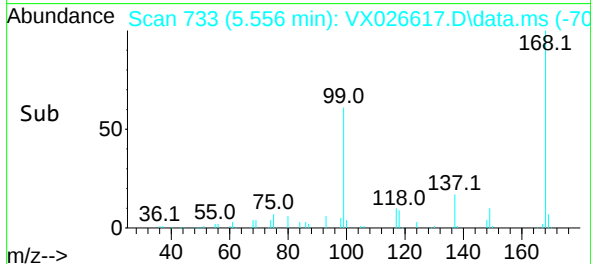
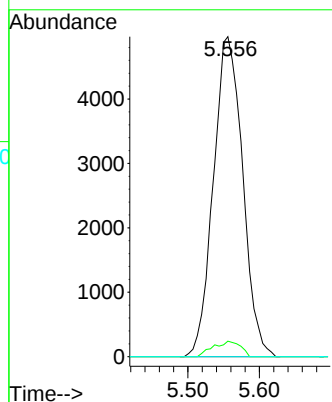


#38  
Carbon Tetrachloride  
Concen: 5.778 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.128 min  
Lab File: VX026617.D  
Acq: 27 Jan 2022 12:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-2022-01-26

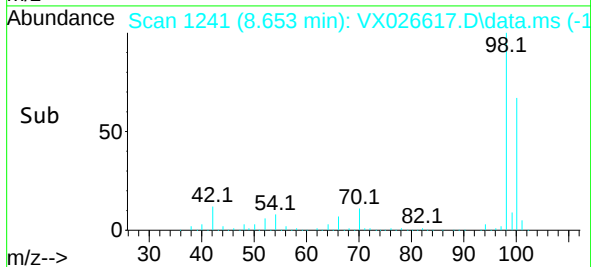
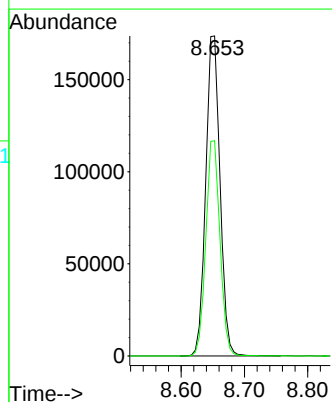
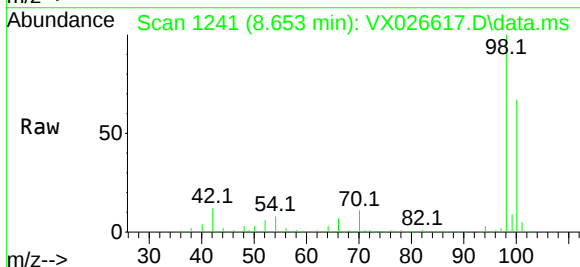


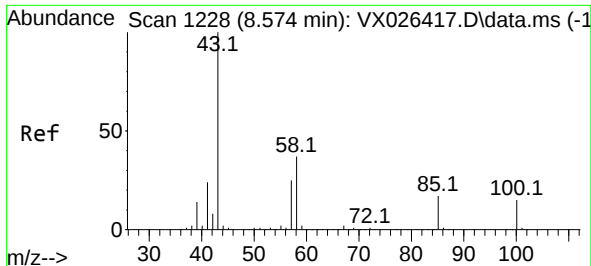
Tgt Ion:117 Resp: 14116  
Ion Ratio Lower Upper  
117 100  
119 4.9 74.7 112.1#  
121 0.0 25.4 38.0#



#50  
Toluene-d8  
Concen: 50.512 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.000 min  
Lab File: VX026617.D  
Acq: 27 Jan 2022 12:27

Tgt Ion: 98 Resp: 273880  
Ion Ratio Lower Upper  
98 100  
100 66.6 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.526 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX026617.D

Acq: 27 Jan 2022 12:27

Instrument :

MSVOA\_X

ClientSampleId :

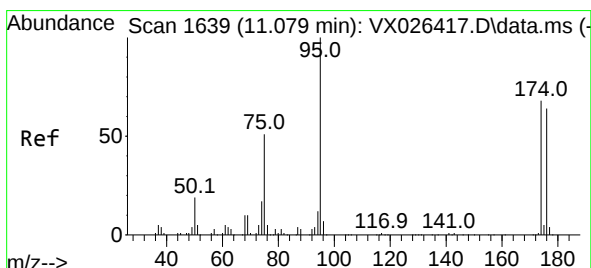
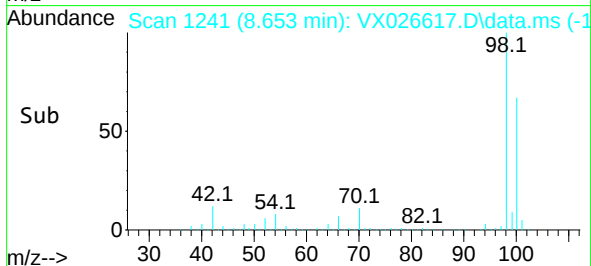
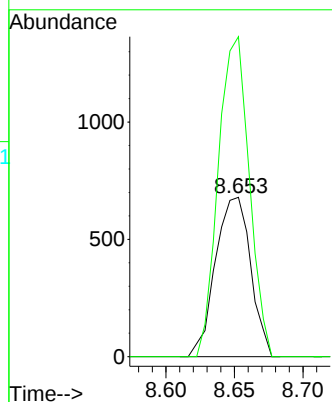
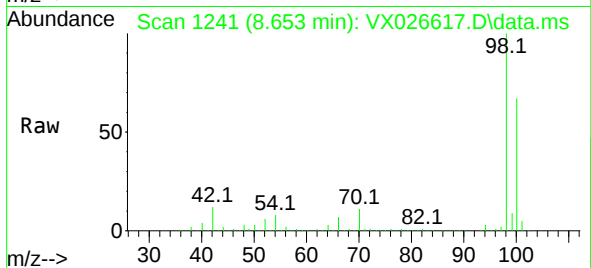
TB-2022-01-26

Tgt Ion: 43 Resp: 1211

Ion Ratio Lower Upper

43 100

58 176.5 30.5 45.7#



#62

4-Bromofluorobenzene

Concen: 51.633 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX026617.D

Acq: 27 Jan 2022 12:27

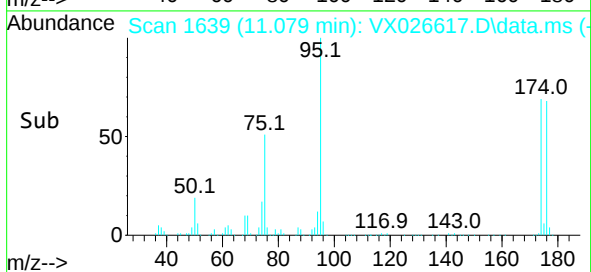
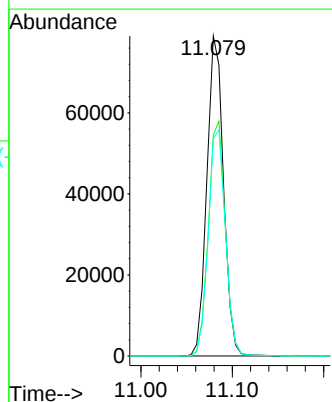
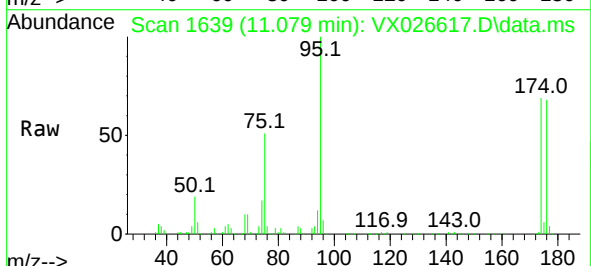
Tgt Ion: 95 Resp: 99451

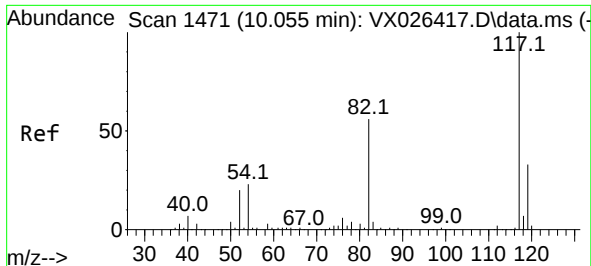
Ion Ratio Lower Upper

95 100

174 74.9 0.0 148.6

176 72.9 0.0 141.4

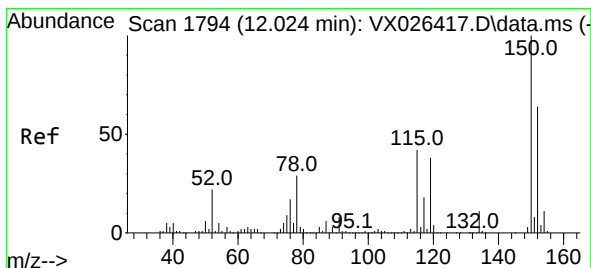
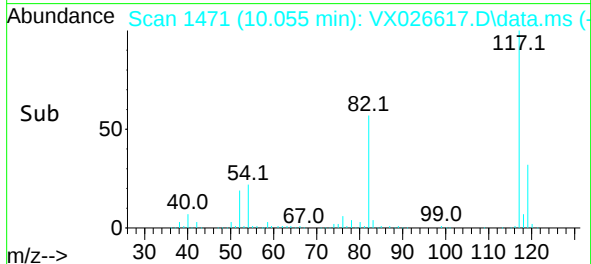
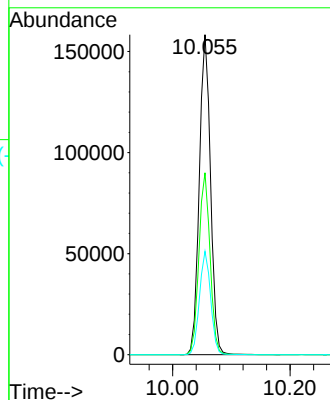
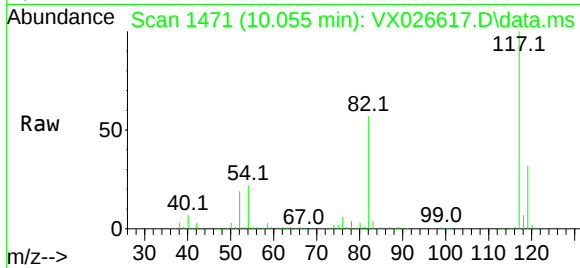




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX026617.D  
Acq: 27 Jan 2022 12:27

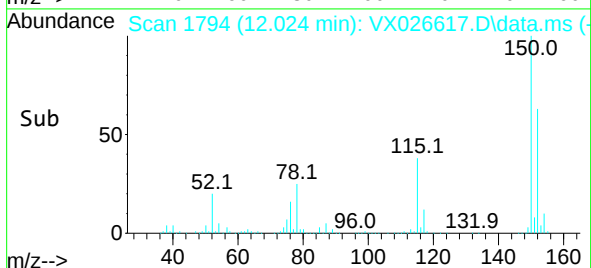
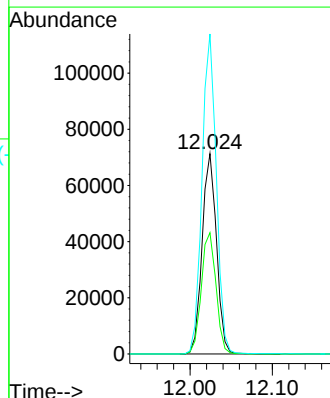
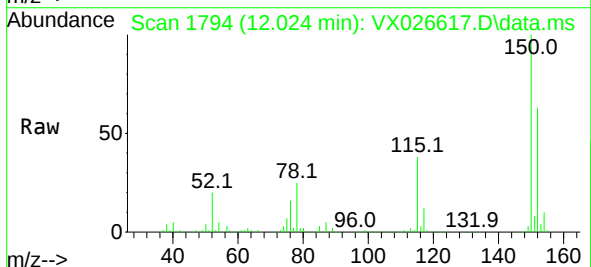
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-2022-01-26

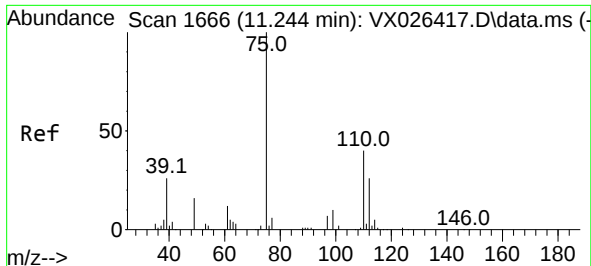
Tgt Ion:117 Resp: 210019  
Ion Ratio Lower Upper  
117 100  
82 56.8 45.2 67.8  
119 32.3 26.2 39.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX026617.D  
Acq: 27 Jan 2022 12:27

Tgt Ion:152 Resp: 86601  
Ion Ratio Lower Upper  
152 100  
115 61.8 44.2 132.6  
150 158.8 0.0 348.2

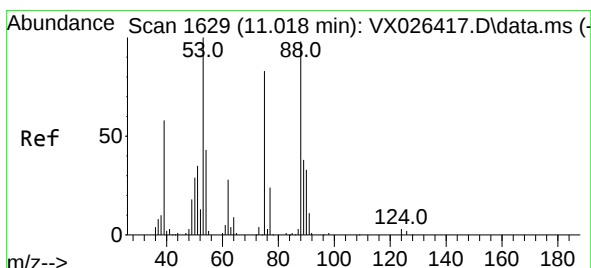
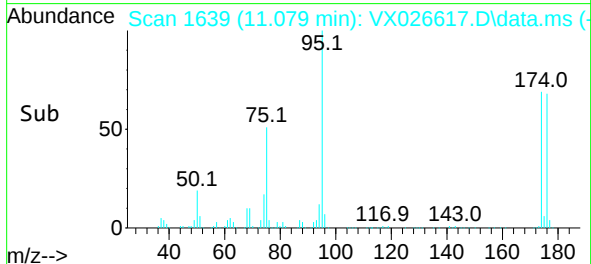
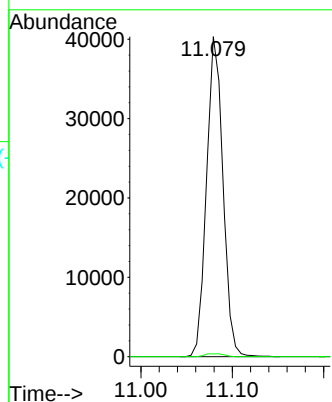
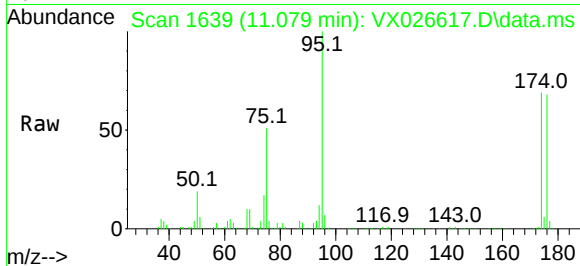




#76  
1,2,3-Trichloropropane  
Concen: 26.307 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.165 min  
Lab File: VX026617.D  
Acq: 27 Jan 2022 12:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-2022-01-26

Tgt Ion: 75 Resp: 50161  
Ion Ratio Lower Upper  
75 100  
77 1.1 18.3 54.8#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 79.703 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX026617.D  
Acq: 27 Jan 2022 12:27

Tgt Ion: 75 Resp: 50161  
Ion Ratio Lower Upper  
75 100  
53 0.0 94.0 141.0#  
89 0.1 37.0 55.4#

