

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030424\  
 Data File : VX040572.D  
 Acq On : 04 Mar 2024 16:29  
 Operator : JC/MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

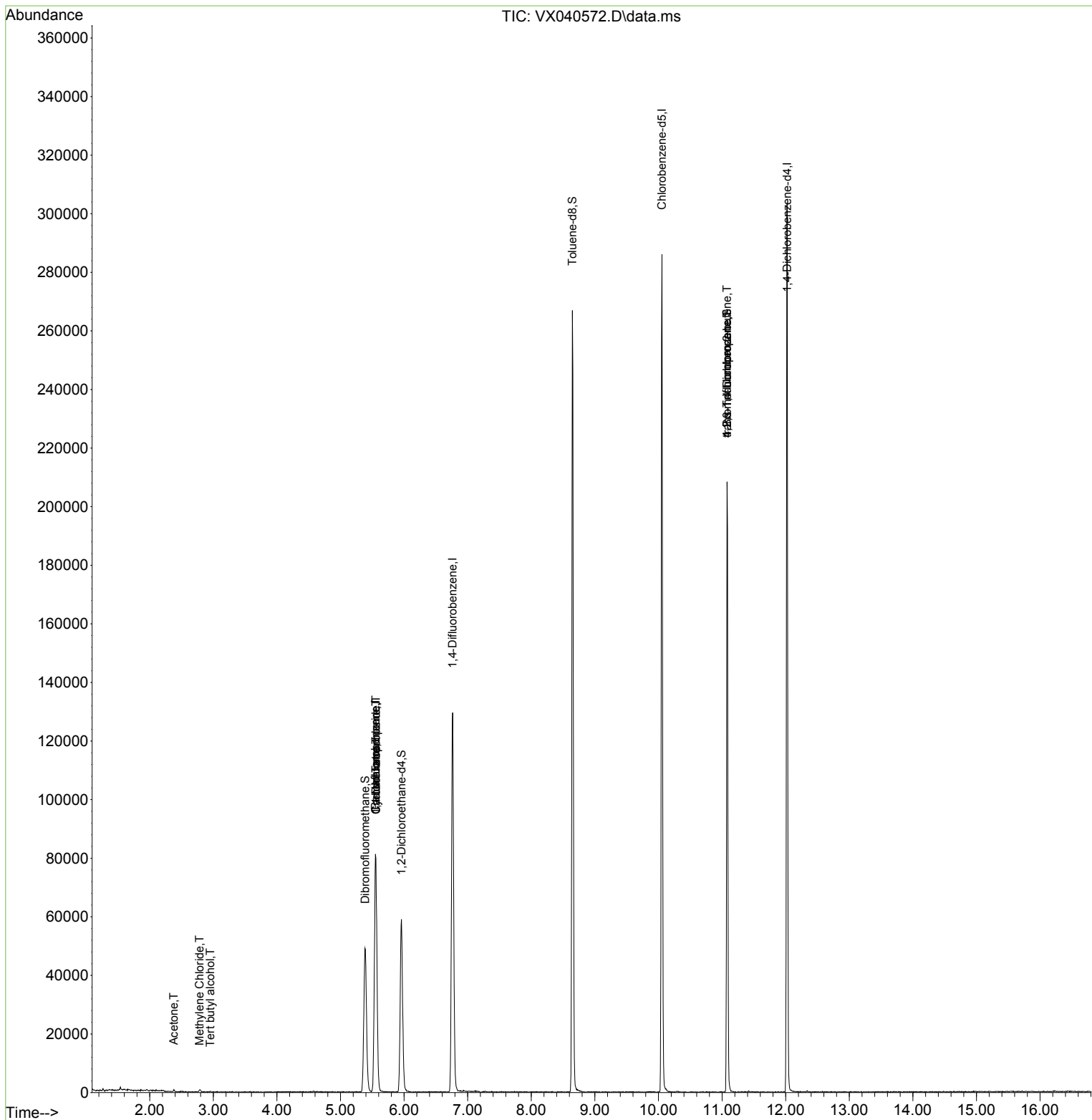
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

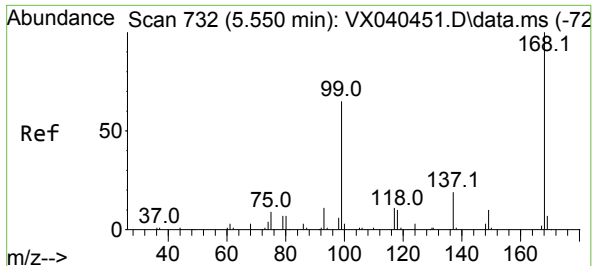
Quant Time: Mar 05 00:28:01 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022624W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 27 05:01:33 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|------------|----------|
| -----                         |        |       |          |          |            |          |
| Internal Standards            |        |       |          |          |            |          |
| 1) Pentafluorobenzene         | 5.550  | 168   | 71310    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 124212   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 122337   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 61819    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds   |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4     | 5.958  | 65    | 59909    | 50.230   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery | = 100.460% |          |
| 35) Dibromofluoromethane      | 5.385  | 113   | 41766    | 48.354   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | = 96.700%  |          |
| 50) Toluene-d8                | 8.647  | 98    | 153511   | 48.961   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery | = 97.920%  |          |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 53053    | 44.390   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 64 - 133 | Recovery | = 88.780%  |          |
| Target Compounds              |        |       |          |          |            |          |
|                               |        |       |          |          | Qvalue     |          |
| 11) Tert butyl alcohol        | 2.953  | 59    | 98       | 0.489    | ug/l #     | 78       |
| 16) Acetone                   | 2.380  | 43    | 506      | 1.301    | ug/l #     | 74       |
| 20) Methylene Chloride        | 2.782  | 84    | 403      | 0.433    | ug/l #     | 77       |
| 31) Cyclohexane               | 5.556  | 56    | 2085     | 1.543    | ug/l #     | 33       |
| 36) 1,1-Dichloropropene       | 5.556  | 75    | 6635     | 4.986    | ug/l #     | 50       |
| 38) Carbon Tetrachloride      | 5.556  | 117   | 7996     | 6.220    | ug/l #     | 13       |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 30655    | 22.532   | ug/l #     | 39       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 30655    | 66.352   | ug/l #     | 5        |
| -----                         |        |       |          |          |            |          |

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

Quant Time: Mar 05 00:28:01 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022624W.M  
Quant Title : SW846 8260  
QLast Update : Tue Feb 27 05:01:33 2024  
Response via : Initial Calibration

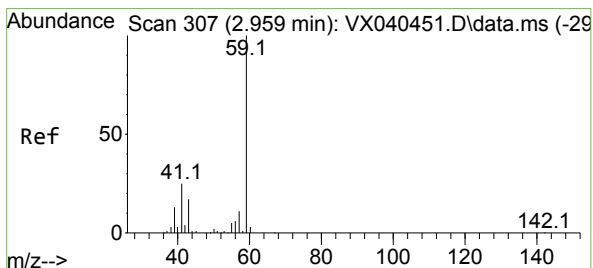
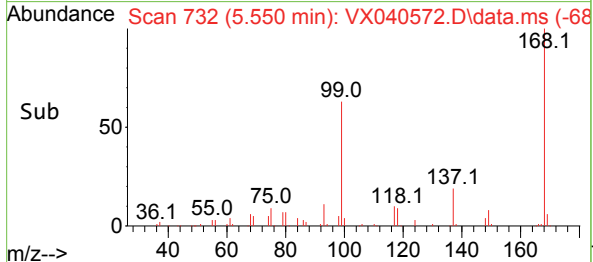
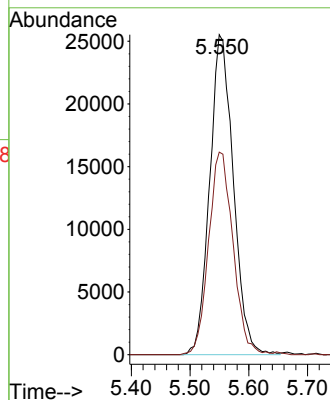
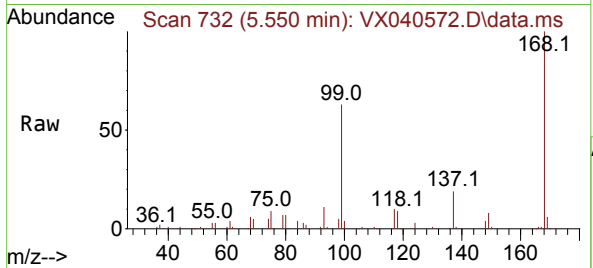




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX040572.D  
Acq: 04 Mar 2024 16:29

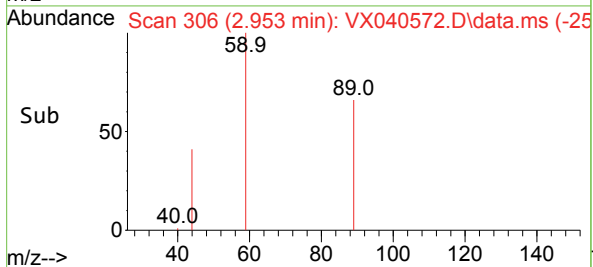
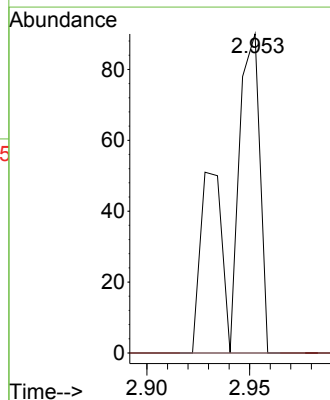
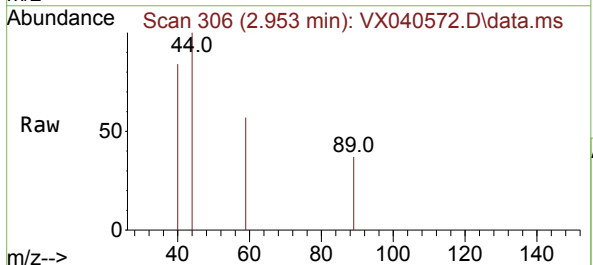
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

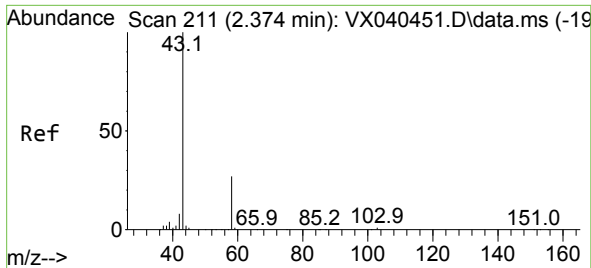
Tgt Ion:168 Resp: 71310  
Ion Ratio Lower Upper  
168 100  
99 63.3 56.6 85.0



#11  
Tert butyl alcohol  
Concen: 0.489 ug/l  
RT: 2.953 min Scan# 306  
Delta R.T. -0.006 min  
Lab File: VX040572.D  
Acq: 04 Mar 2024 16:29

Tgt Ion: 59 Resp: 98  
Ion Ratio Lower Upper  
59 100  
57 0.0 6.0 9.0#





#16

Acetone

Concen: 1.301 ug/l

RT: 2.380 min Scan# 211

Delta R.T. 0.006 min

Lab File: VX040572.D

Acq: 04 Mar 2024 16:29

Instrument :

MSVOA\_X

ClientSampleId :

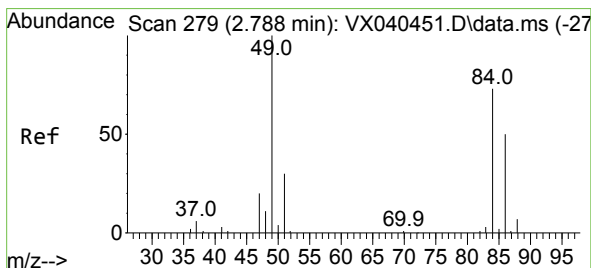
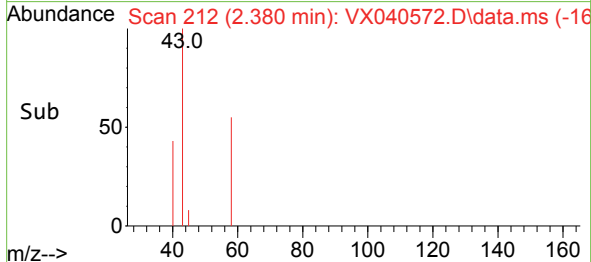
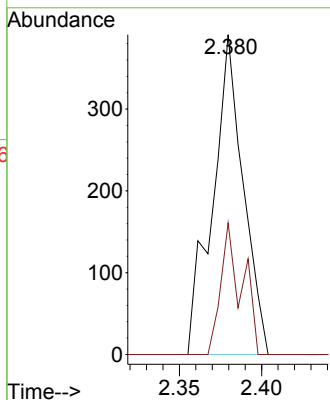
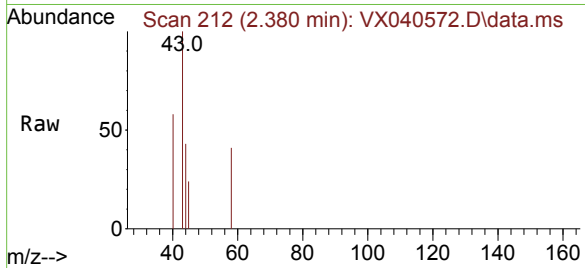
IBLK

Tgt Ion: 43 Resp: 506

Ion Ratio Lower Upper

43 100

58 41.2 21.9 32.9#



#20

Methylene Chloride

Concen: 0.433 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX040572.D

Acq: 04 Mar 2024 16:29

Tgt Ion: 84 Resp: 403

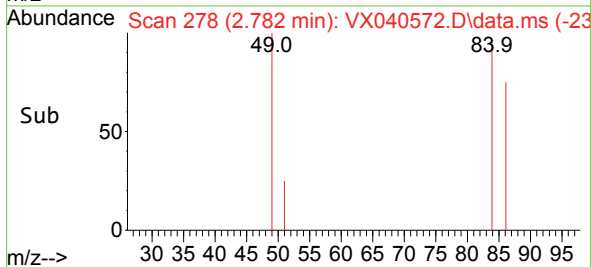
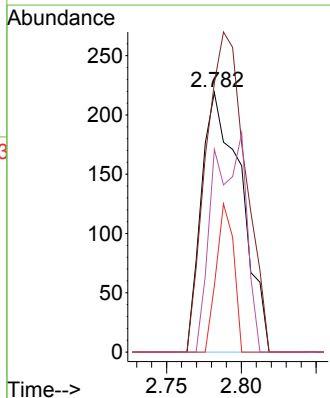
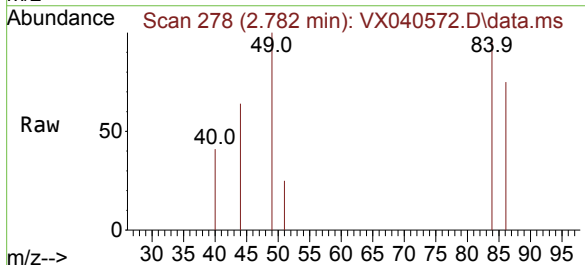
Ion Ratio Lower Upper

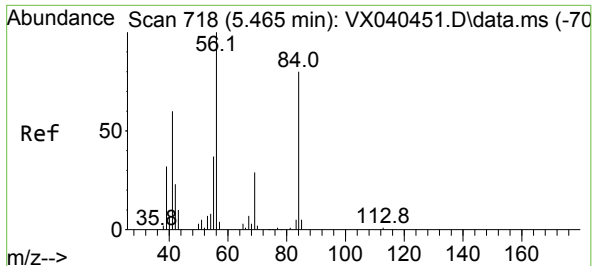
84 100

49 103.7 103.6 155.4

51 25.6 33.8 50.6#

86 78.1 49.4 74.0#

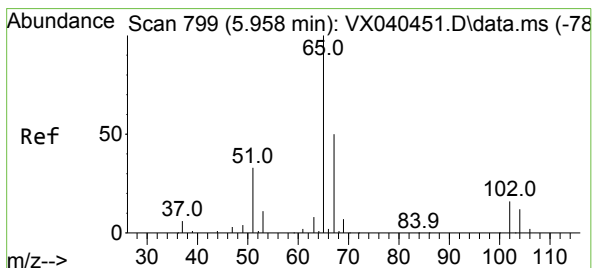
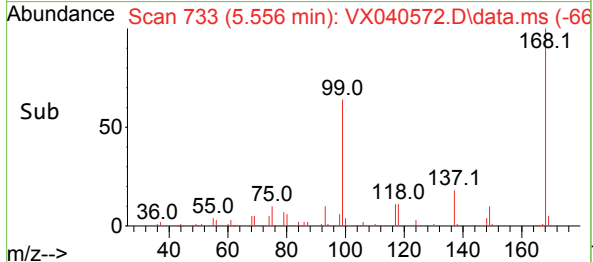
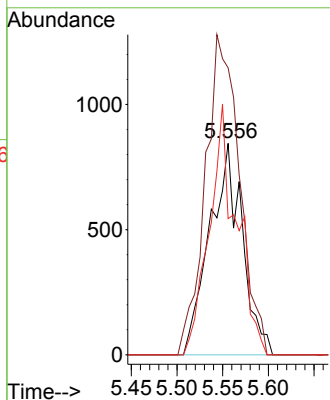
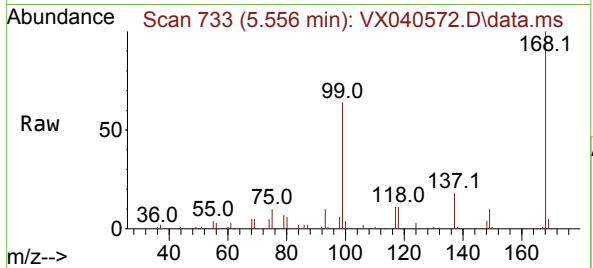




#31  
Cyclohexane  
Concen: 1.543 ug/l  
RT: 5.556 min Scan# 718  
Delta R.T. 0.091 min  
Lab File: VX040572.D  
Acq: 04 Mar 2024 16:29

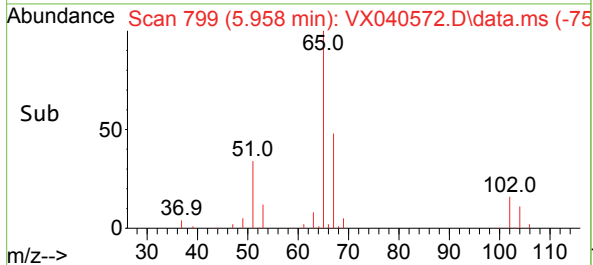
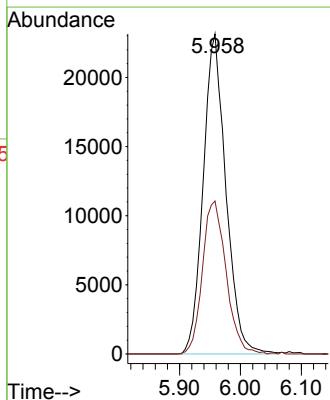
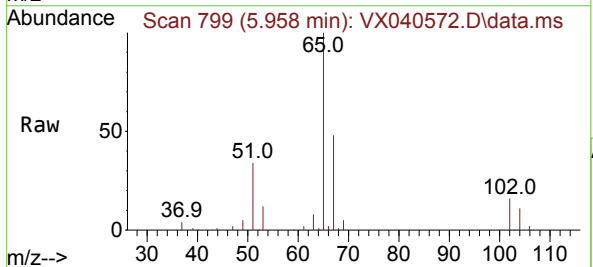
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

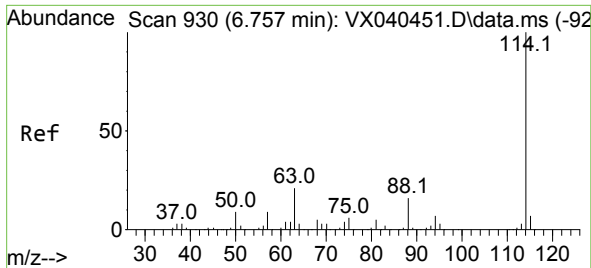
Tgt Ion: 56 Resp: 2085  
Ion Ratio Lower Upper  
56 100  
69 135.7 23.4 35.2#  
84 64.4 65.9 98.9#



#33  
1,2-Dichloroethane-d4  
Concen: 50.230 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX040572.D  
Acq: 04 Mar 2024 16:29

Tgt Ion: 65 Resp: 59909  
Ion Ratio Lower Upper  
65 100  
67 49.8 0.0 100.2

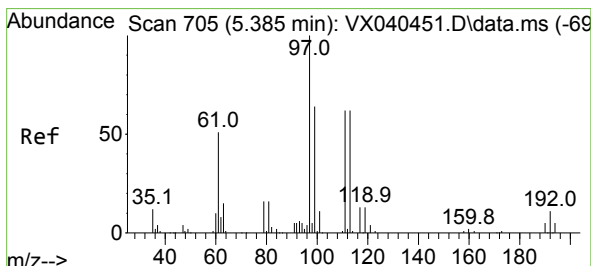
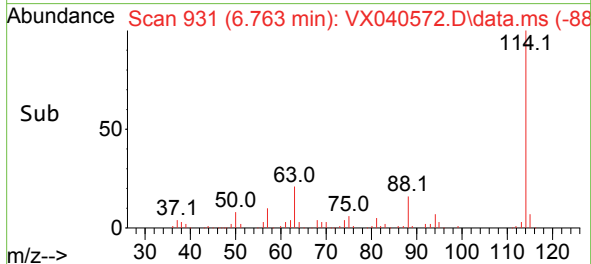
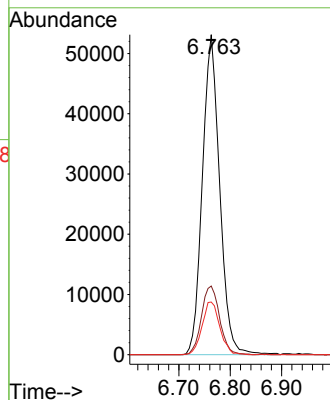
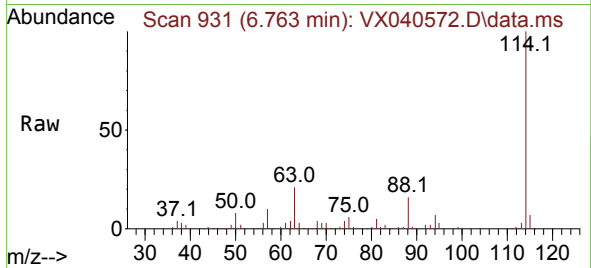




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.006 min  
Lab File: VX040572.D  
Acq: 04 Mar 2024 16:29

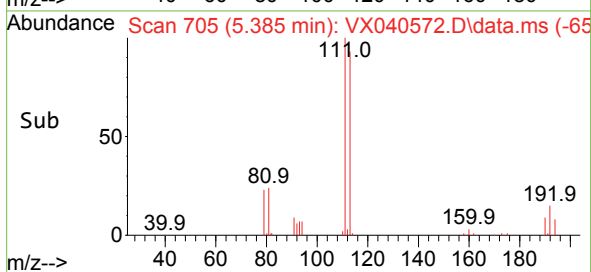
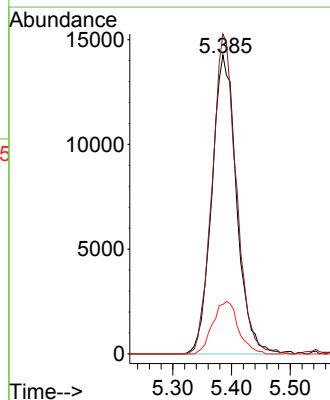
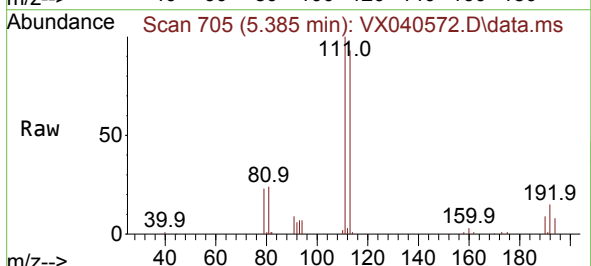
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

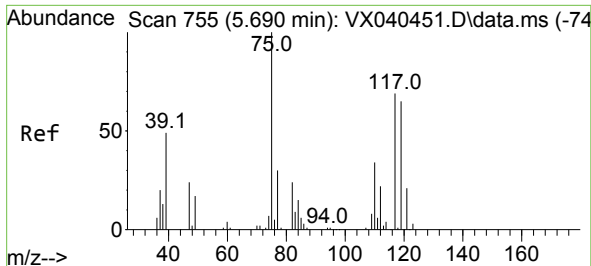
Tgt Ion:114 Resp: 124212  
Ion Ratio Lower Upper  
114 100  
63 21.5 0.0 45.0  
88 16.5 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 48.354 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX040572.D  
Acq: 04 Mar 2024 16:29

Tgt Ion:113 Resp: 41766  
Ion Ratio Lower Upper  
113 100  
111 104.2 82.9 124.3  
192 18.1 13.3 19.9

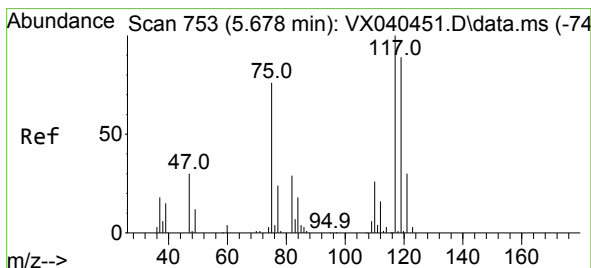
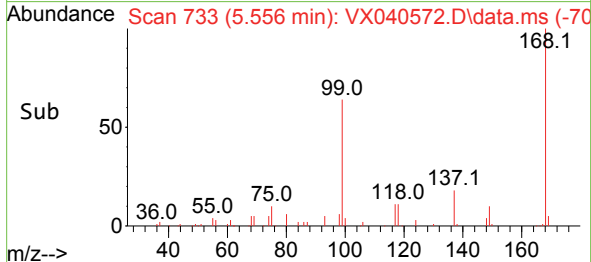
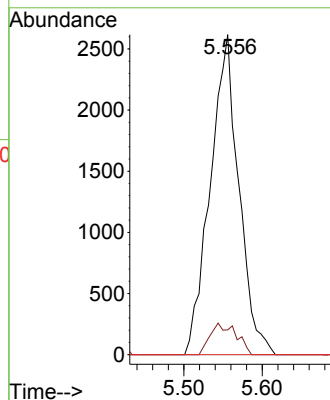
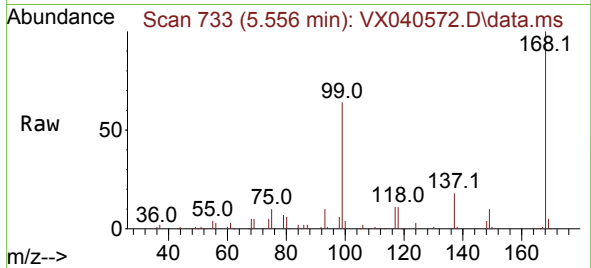




#36  
1,1-Dichloropropene  
Concen: 4.986 ug/l  
RT: 5.556 min Scan# 711  
Delta R.T. -0.134 min  
Lab File: VX040572.D  
Acq: 04 Mar 2024 16:29

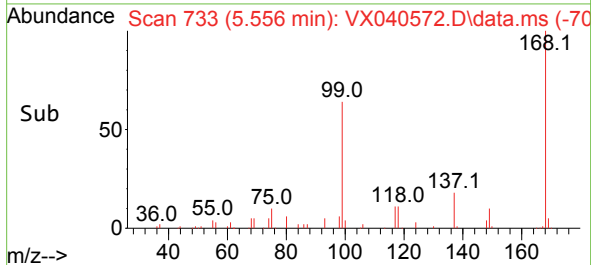
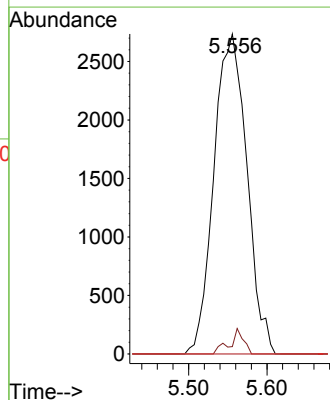
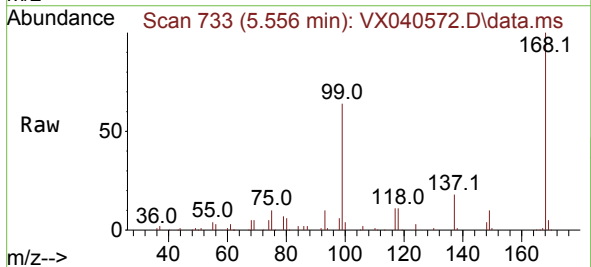
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

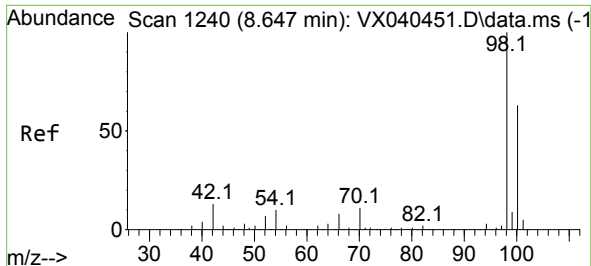
Tgt Ion: 75 Resp: 6635  
Ion Ratio Lower Upper  
75 100  
110 9.0 17.0 50.9#  
77 0.0 24.7 37.1#



#38  
Carbon Tetrachloride  
Concen: 6.220 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.122 min  
Lab File: VX040572.D  
Acq: 04 Mar 2024 16:29

Tgt Ion: 117 Resp: 7996  
Ion Ratio Lower Upper  
117 100  
119 2.3 78.2 117.2#  
121 0.0 24.4 36.6#

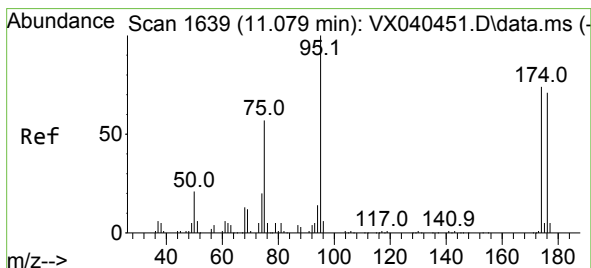
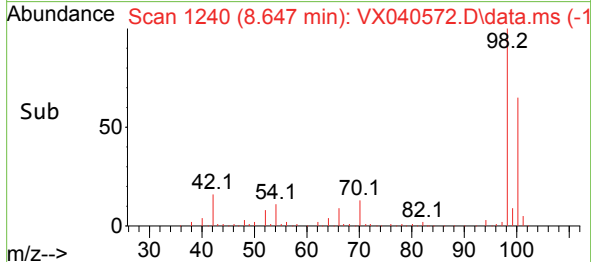
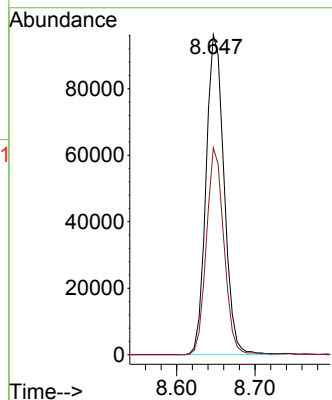
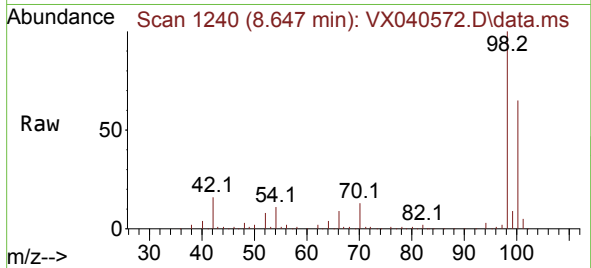




#50  
Toluene-d8  
Concen: 48.961 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX040572.D  
Acq: 04 Mar 2024 16:29

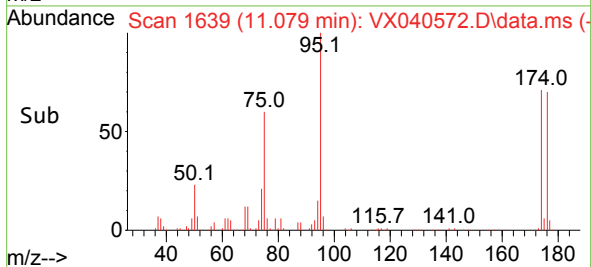
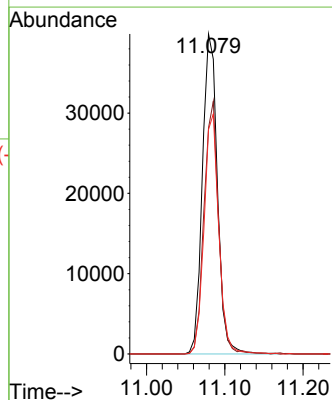
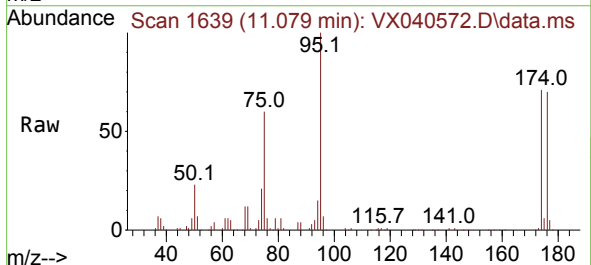
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

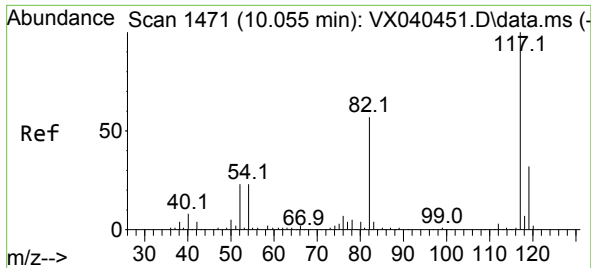
Tgt Ion: 98 Resp: 153511  
Ion Ratio Lower Upper  
98 100  
100 63.0 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 44.390 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX040572.D  
Acq: 04 Mar 2024 16:29

Tgt Ion: 95 Resp: 53053  
Ion Ratio Lower Upper  
95 100  
174 76.5 0.0 135.6  
176 73.7 0.0 131.0

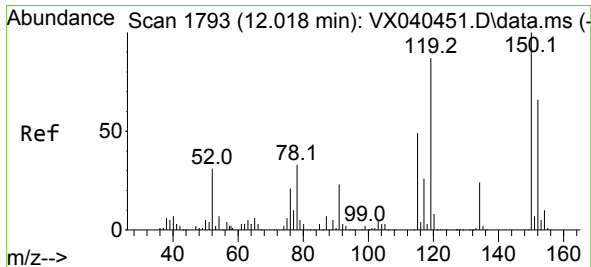
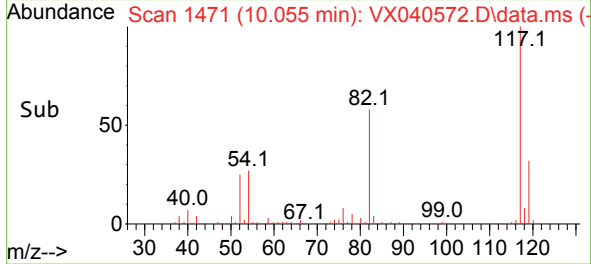
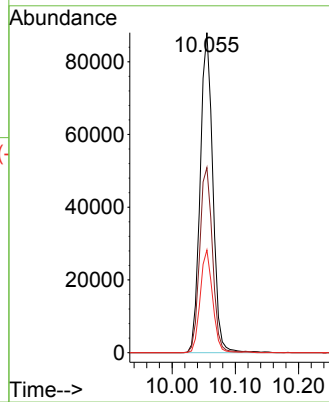
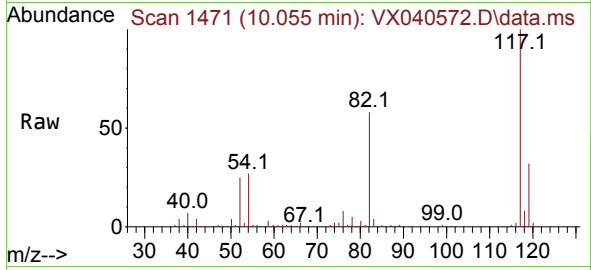




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX040572.D  
Acq: 04 Mar 2024 16:29

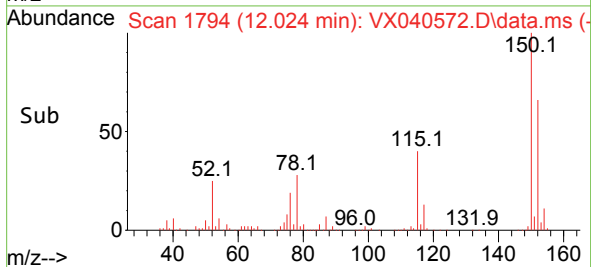
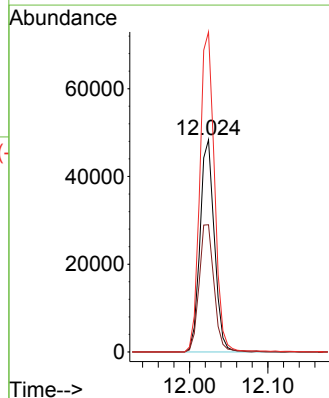
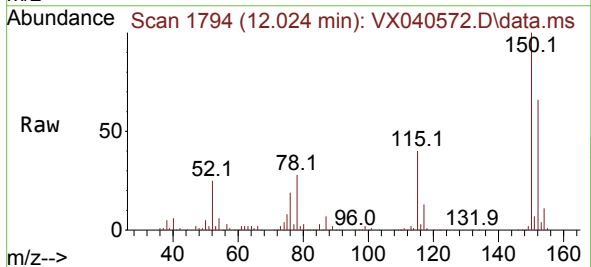
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

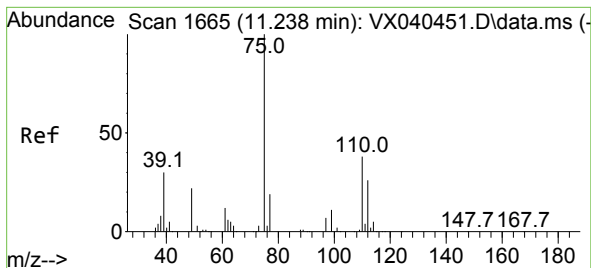
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 122337 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 57.9  | 46.2  | 69.4   |
| 119      | 32.1  | 25.5  | 38.3   |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.006 min  
Lab File: VX040572.D  
Acq: 04 Mar 2024 16:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 61819 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 61.9  | 43.3  | 129.9 |
| 150      | 154.2 | 0.0   | 345.0 |





#76

1,2,3-Trichloropropane

Concen: 22.532 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX040572.D

Acq: 04 Mar 2024 16:29

Instrument :

MSVOA\_X

ClientSampleId :

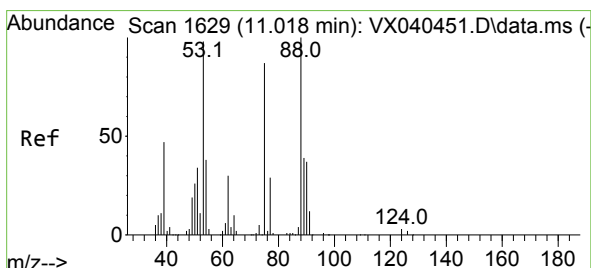
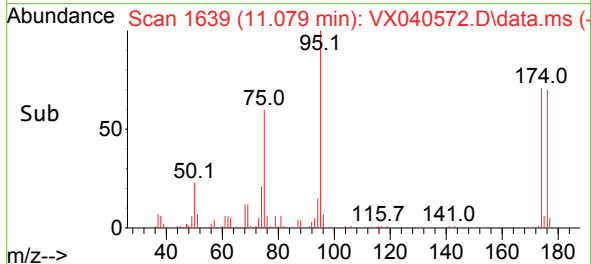
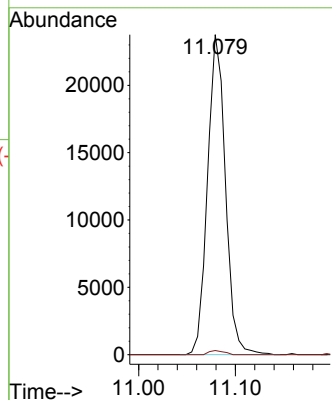
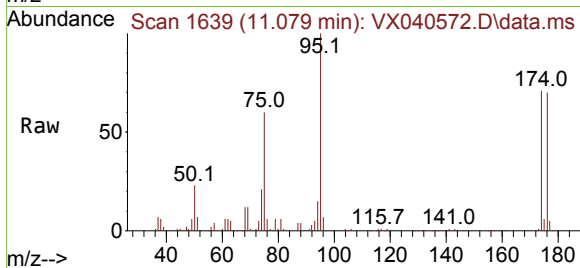
IBLK

Tgt Ion: 75 Resp: 30655

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.352 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040572.D

Acq: 04 Mar 2024 16:29

Tgt Ion: 75 Resp: 30655

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.2 36.9 55.3#

