

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031022\  
 Data File : VX027375.D  
 Acq On : 10 Mar 2022 14:21  
 Operator : JC/MD  
 Sample : N1797-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TT-TB-20220303

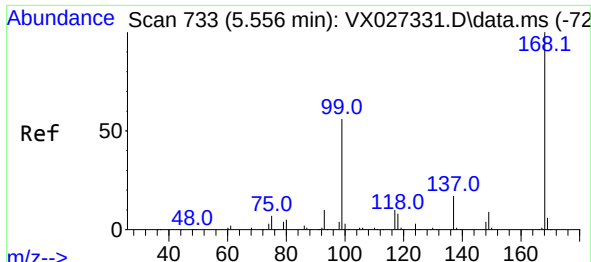
Quant Time: Mar 11 00:45:49 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X030822W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 08 15:54:34 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc        | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|-------------|--------|----------|
| -----                         |        |       |          |             |        |          |
| Internal Standards            |        |       |          |             |        |          |
| 1) Pentafluorobenzene         | 5.556  | 168   | 382242   | 50.000      | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 620177   | 50.000      | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 576106   | 50.000      | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 270281   | 50.000      | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |             |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.958  | 65    | 197571   | 44.323      | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 61 - 141 | Recovery    | =      | 88.640%  |
| 35) Dibromofluoromethane      | 5.391  | 113   | 196207   | 49.030      | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 69 - 133 | Recovery    | =      | 98.060%  |
| 50) Toluene-d8                | 8.653  | 98    | 728203   | 48.201      | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 65 - 126 | Recovery    | =      | 96.400%  |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 266979   | 46.366      | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 58 - 135 | Recovery    | =      | 92.740%  |
| Target Compounds              |        |       |          |             |        |          |
|                               |        |       |          |             | Qvalue |          |
| 5) Bromomethane               | 1.605  | 94    | 515      | Below Cal   |        | 94       |
| 6) Chloroethane               | 1.697  | 64    | 685      | 0.703 ug/l  | #      | 43       |
| 11) Tert butyl alcohol        | 2.959  | 59    | 2424     | 2.774 ug/l  | #      | 89       |
| 16) Acetone                   | 2.380  | 43    | 9826     | 2.832 ug/l  |        | 100      |
| 20) Methylene Chloride        | 2.788  | 84    | 2327     | 0.534 ug/l  |        | 88       |
| 29) Tetrahydrofuran           | 5.038  | 42    | 1076     | 0.530 ug/l  | #      | 68       |
| 31) Cyclohexane               | 5.556  | 56    | 5966     | 0.957 ug/l  | #      | 1        |
| 36) 1,1-Dichloropropene       | 5.556  | 75    | 24741    | 4.453 ug/l  | #      | 50       |
| 38) Carbon Tetrachloride      | 5.556  | 117   | 35920    | 6.252 ug/l  | #      | 16       |
| 51) 4-Methyl-2-Pentanone      | 8.647  | 43    | 2327     | 0.394 ug/l  | #      | 1        |
| 68) m/p-Xylenes               | 10.305 | 106   | 2263     | 0.276 ug/l  |        | 99       |
| 69) o-Xylene                  | 10.646 | 106   | 2310     | 0.285 ug/l  |        | 99       |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 120846   | 20.379 ug/l | #      | 38       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 120846   | 65.906 ug/l | #      | 15       |
| -----                         |        |       |          |             |        |          |

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

Quant Time: Mar 11 00:45:49 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X030822W.M  
Quant Title : SW846 8260  
QLast Update : Tue Mar 08 15:54:34 2022  
Response via : Initial Calibration

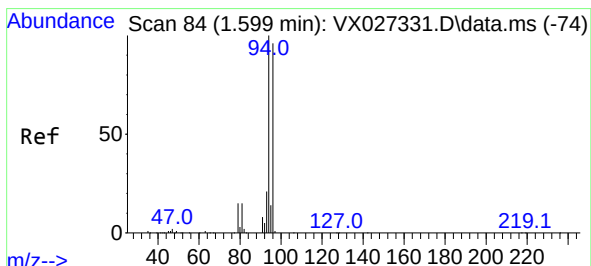
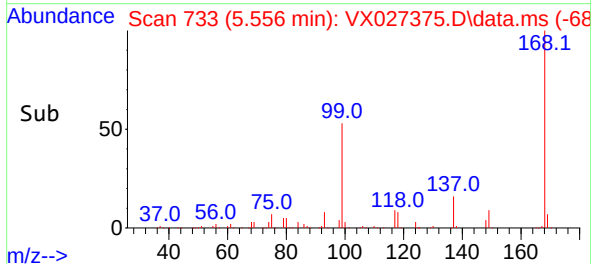
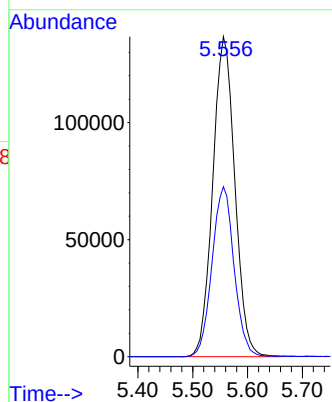
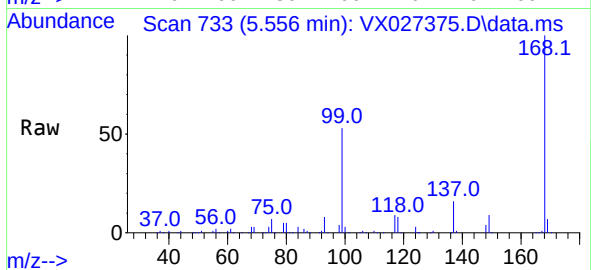




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX027375.D  
Acq: 10 Mar 2022 14:21

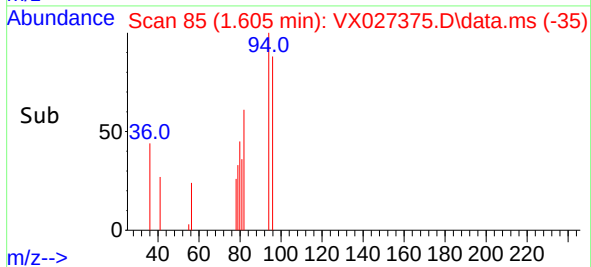
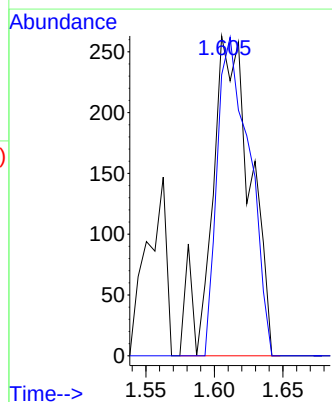
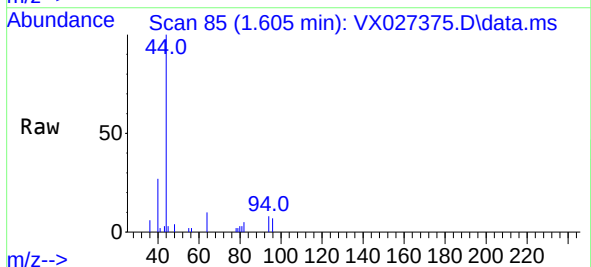
Instrument :  
MSVOA\_X  
ClientSampleId :  
TT-TB-20220303

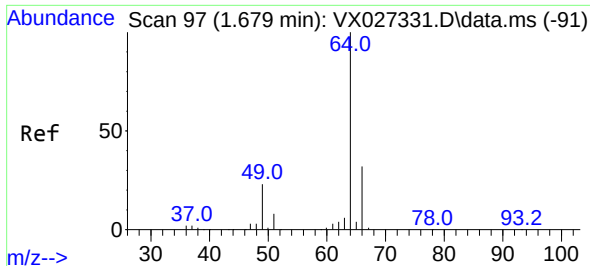
Tgt Ion:168 Resp: 382242  
Ion Ratio Lower Upper  
168 100  
99 53.1 41.7 62.5



#5  
Bromomethane  
Concen: Below Cal  
RT: 1.605 min Scan# 85  
Delta R.T. 0.006 min  
Lab File: VX027375.D  
Acq: 10 Mar 2022 14:21

Tgt Ion: 94 Resp: 515  
Ion Ratio Lower Upper  
94 100  
96 87.8 75.3 112.9

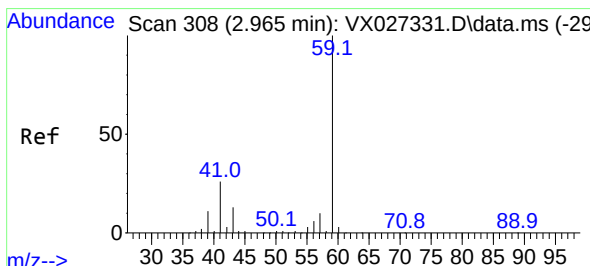
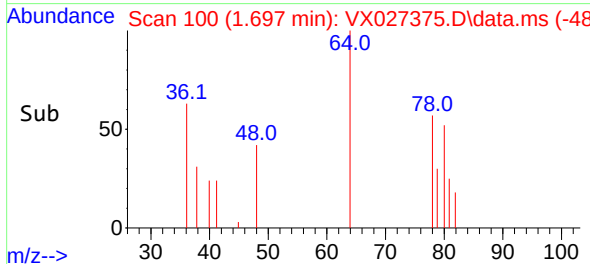
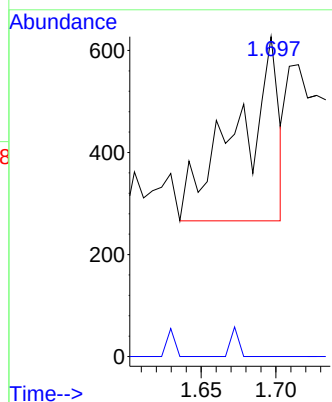
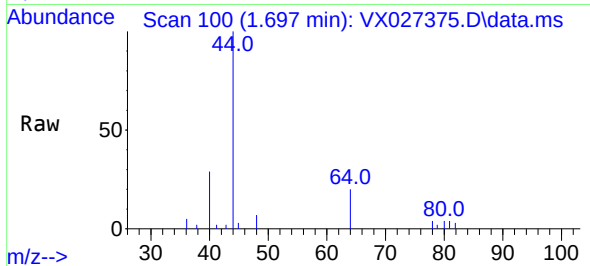




#6  
Chloroethane  
Concen: 0.703 ug/l  
RT: 1.697 min Scan# 10  
Delta R.T. 0.018 min  
Lab File: VX027375.D  
Acq: 10 Mar 2022 14:21

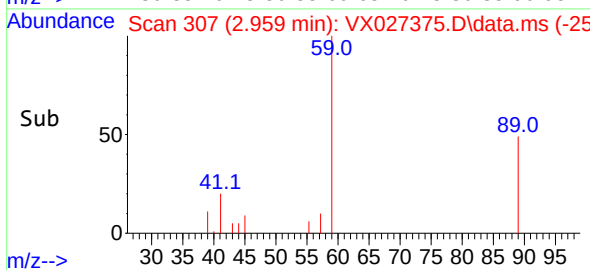
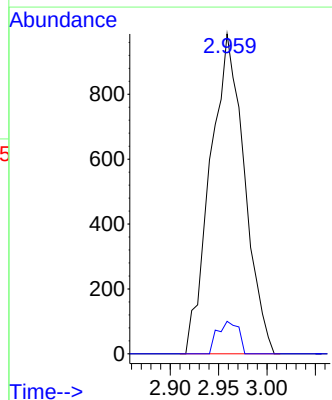
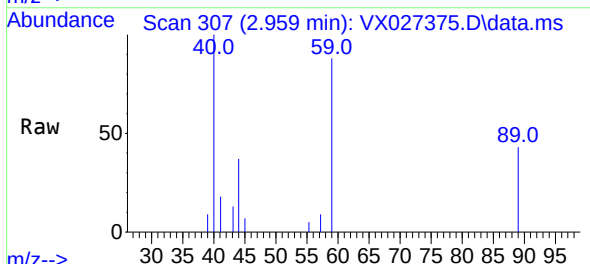
Instrument :  
MSVOA\_X  
ClientSampleId :  
TT-TB-20220303

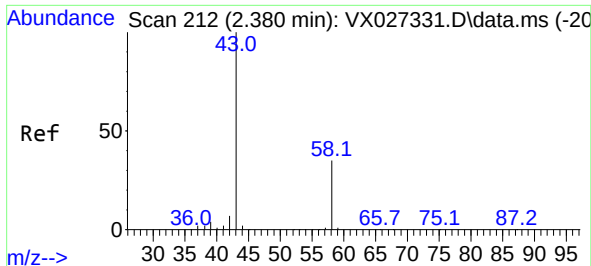
Tgt Ion: 64 Resp: 685  
Ion Ratio Lower Upper  
64 100  
66 0.0 25.3 37.9#



#11  
Tert butyl alcohol  
Concen: 2.774 ug/l  
RT: 2.959 min Scan# 307  
Delta R.T. -0.006 min  
Lab File: VX027375.D  
Acq: 10 Mar 2022 14:21

Tgt Ion: 59 Resp: 2424  
Ion Ratio Lower Upper  
59 100  
57 6.2 8.3 12.5#

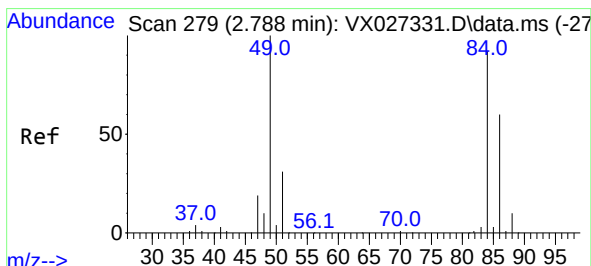
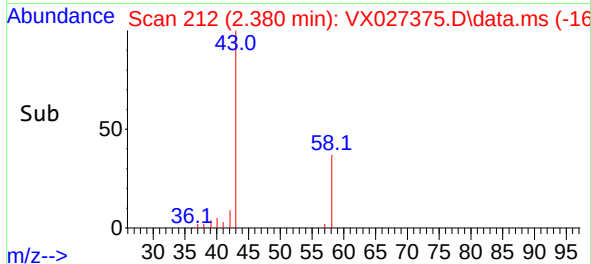
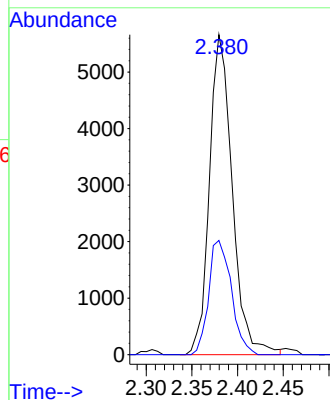
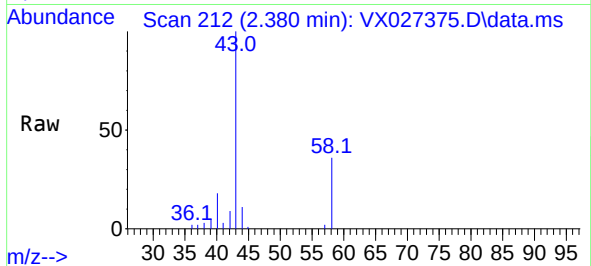




#16  
Acetone  
Concen: 2.832 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX027375.D  
Acq: 10 Mar 2022 14:21

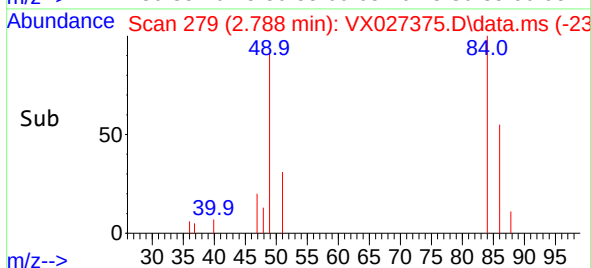
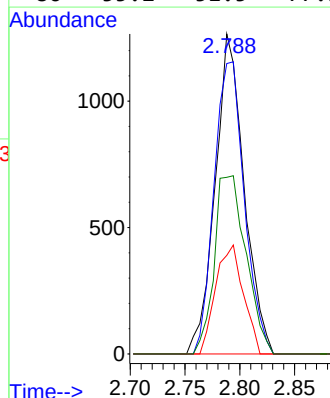
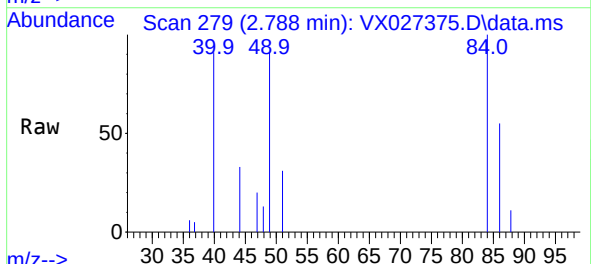
Instrument :  
MSVOA\_X  
ClientSampleId :  
TT-TB-20220303

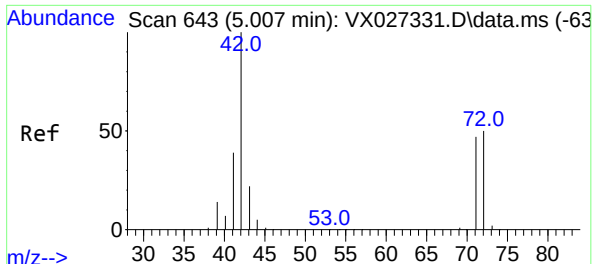
Tgt Ion: 43 Resp: 9826  
Ion Ratio Lower Upper  
43 100  
58 35.7 28.8 43.2



#20  
Methylene Chloride  
Concen: 0.534 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX027375.D  
Acq: 10 Mar 2022 14:21

Tgt Ion: 84 Resp: 2327  
Ion Ratio Lower Upper  
84 100  
49 90.8 85.5 128.3  
51 30.8 26.6 39.8  
86 55.2 51.5 77.3





#29

Tetrahydrofuran

Concen: 0.530 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.031 min

Lab File: VX027375.D

Acq: 10 Mar 2022 14:21

Instrument :

MSVOA\_X

ClientSampleId :

TT-TB-20220303

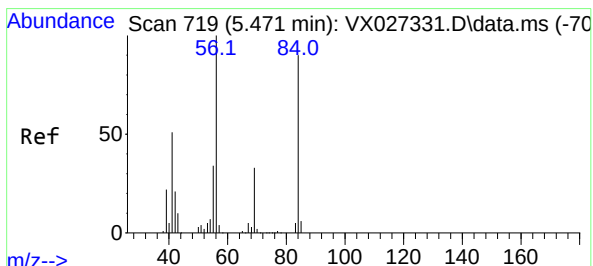
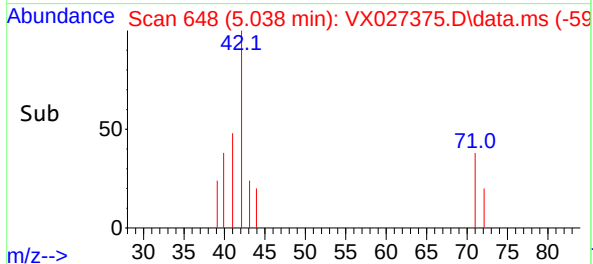
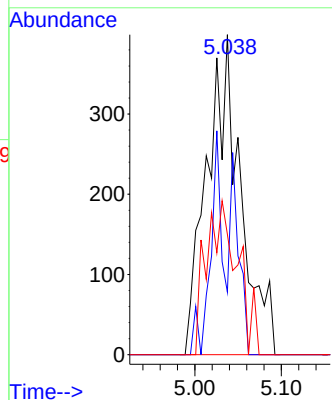
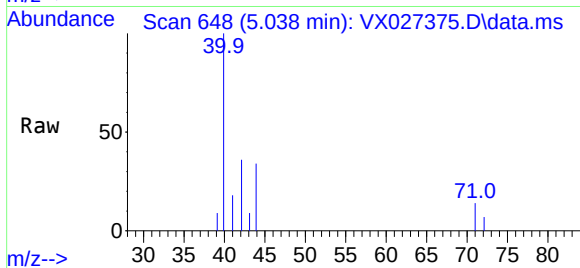
Tgt Ion: 42 Resp: 1076

Ion Ratio Lower Upper

42 100

72 16.2 44.1 66.1#

71 44.9 40.5 60.7



#31

Cyclohexane

Concen: 0.957 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX027375.D

Acq: 10 Mar 2022 14:21

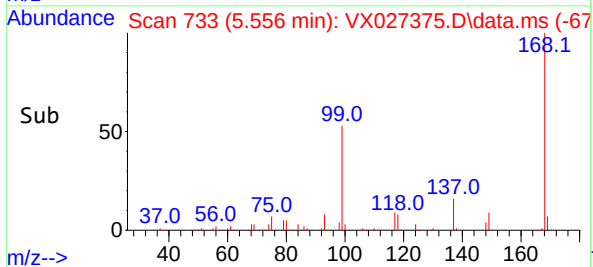
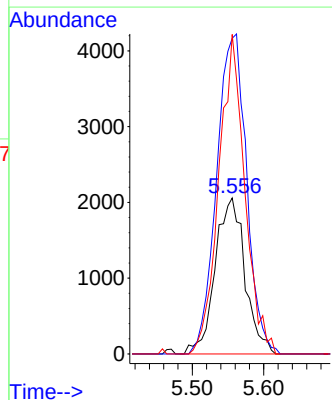
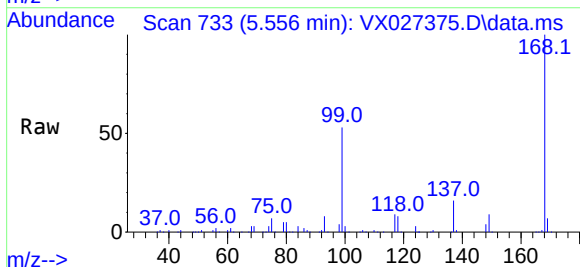
Tgt Ion: 56 Resp: 5966

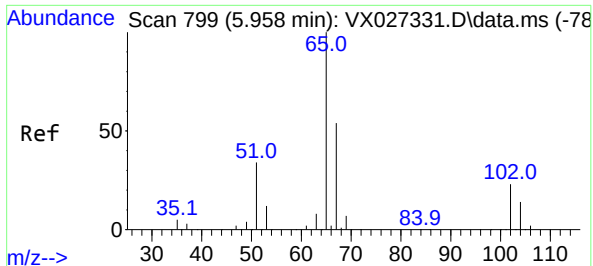
Ion Ratio Lower Upper

56 100

69 202.4 26.7 40.1#

84 204.8 77.2 115.8#

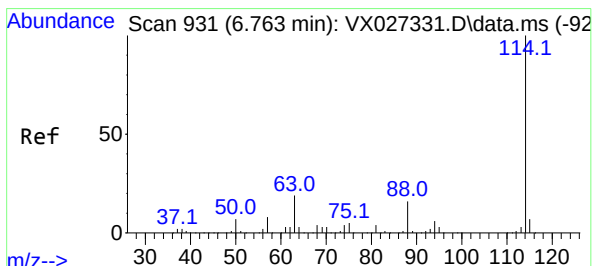
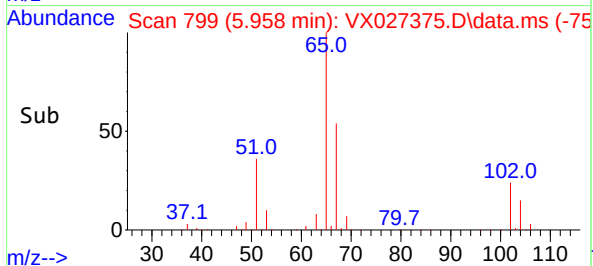
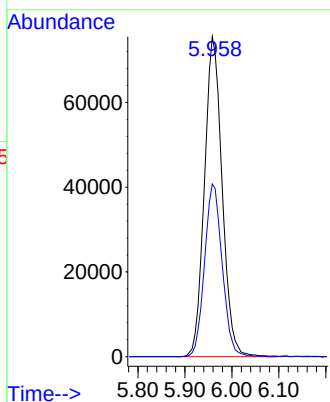
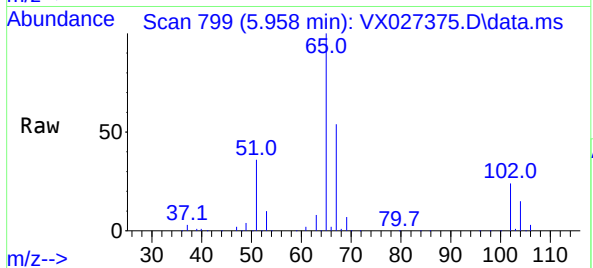




#33  
 1,2-Dichloroethane-d4  
 Concen: 44.323 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. 0.000 min  
 Lab File: VX027375.D  
 Acq: 10 Mar 2022 14:21

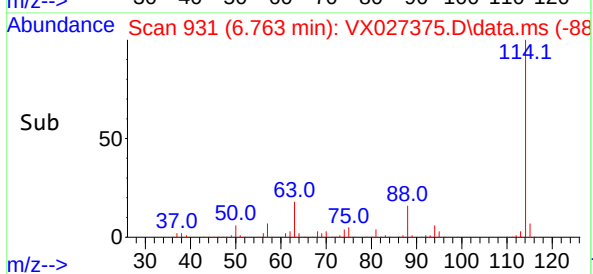
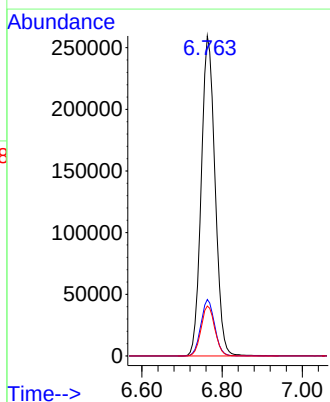
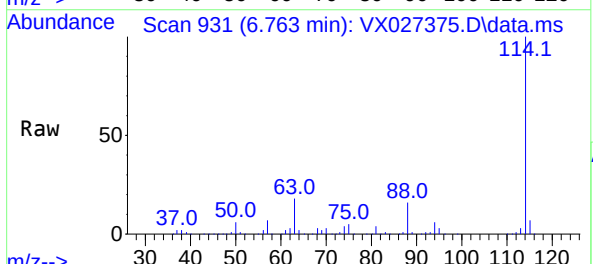
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TT-TB-20220303

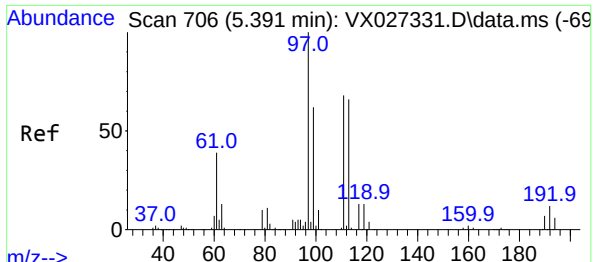
Tgt Ion: 65 Resp: 197571  
 Ion Ratio Lower Upper  
 65 100  
 67 53.6 0.0 107.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. -0.000 min  
 Lab File: VX027375.D  
 Acq: 10 Mar 2022 14:21

Tgt Ion: 114 Resp: 620177  
 Ion Ratio Lower Upper  
 114 100  
 63 17.7 0.0 36.8  
 88 15.6 0.0 32.4

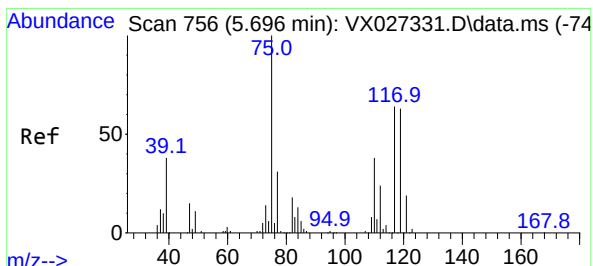
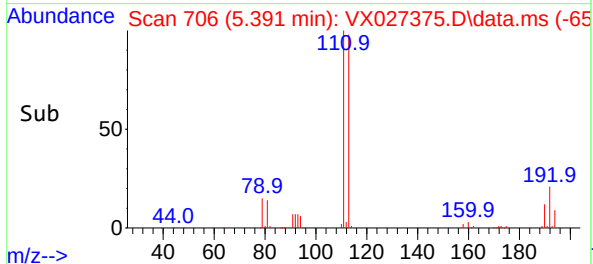
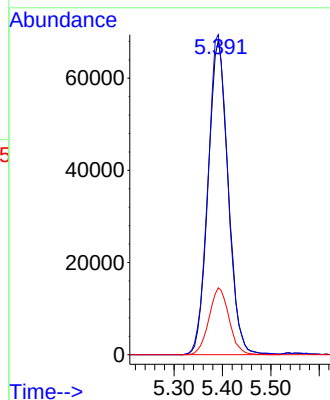
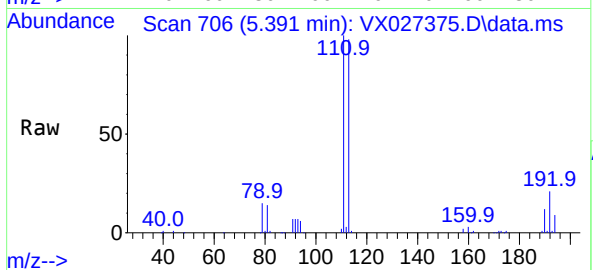




#35  
Dibromofluoromethane  
Concen: 49.030 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX027375.D  
Acq: 10 Mar 2022 14:21

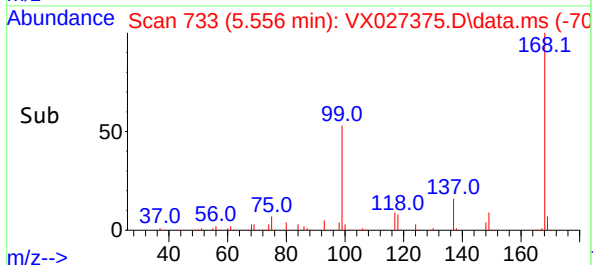
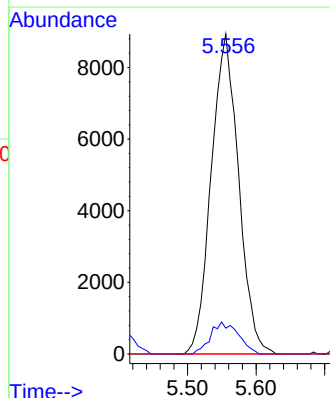
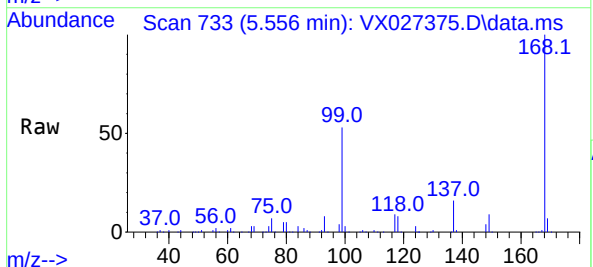
Instrument :  
MSVOA\_X  
ClientSampleId :  
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Tgt Ion:113 Resp: 196207  
Ion Ratio Lower Upper  
113 100  
111 101.9 82.8 124.2  
192 21.3 16.9 25.3

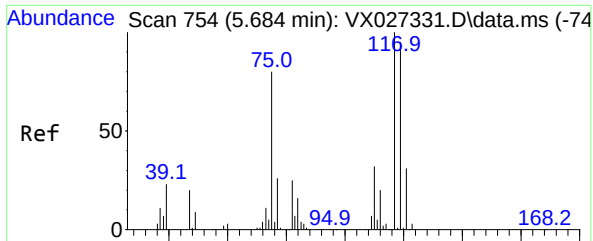


#36  
1,1-Dichloropropene  
Concen: 4.453 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.140 min  
Lab File: VX027375.D  
Acq: 10 Mar 2022 14:21

Tgt Ion: 75 Resp: 24741  
Ion Ratio Lower Upper  
75 100  
110 10.2 18.3 54.8#  
77 0.0 24.8 37.2#



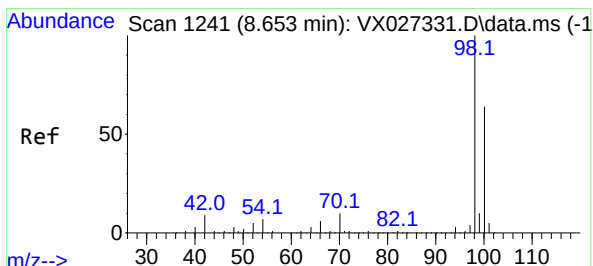
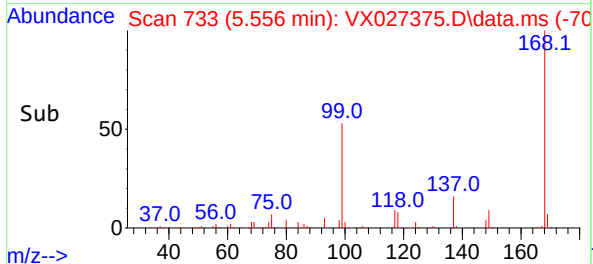
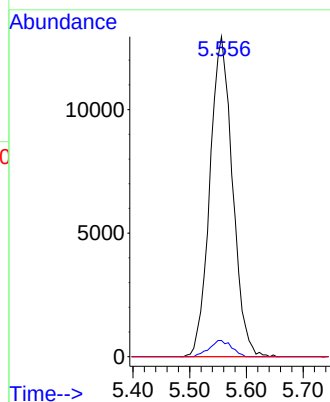
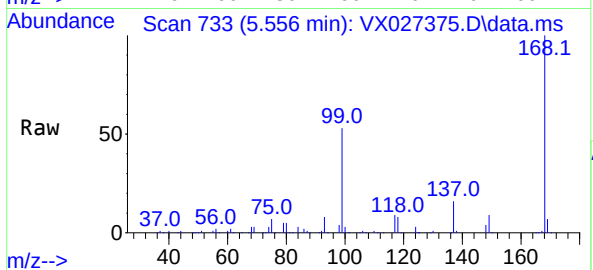




#38  
Carbon Tetrachloride  
Concen: 6.252 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.128 min  
Lab File: VX027375.D  
Acq: 10 Mar 2022 14:21

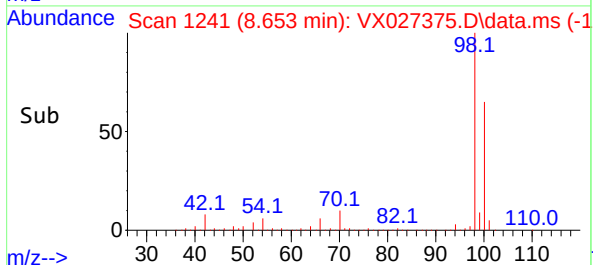
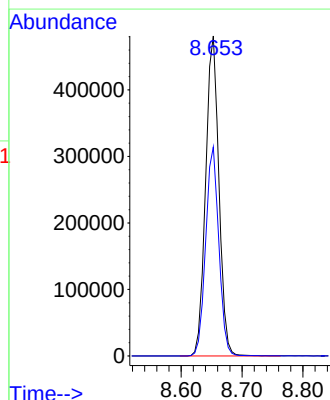
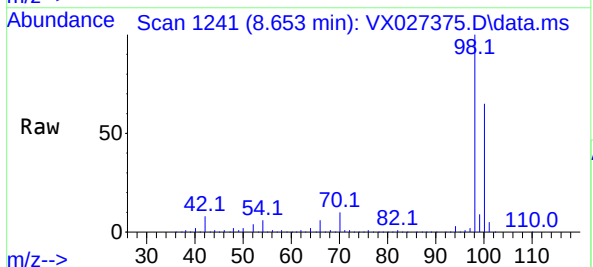
Instrument :  
MSVOA\_X  
ClientSampleId :  
TT-TB-20220303

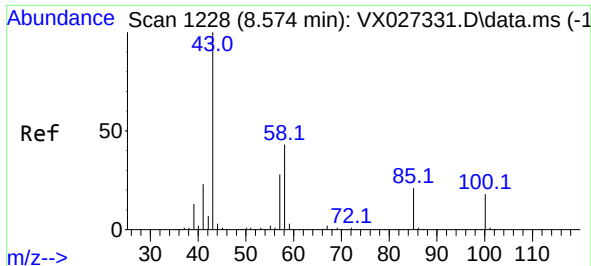
Tgt Ion:117 Resp: 35920  
Ion Ratio Lower Upper  
117 100  
119 5.1 77.3 115.9#  
121 0.0 24.2 36.2#



#50  
Toluene-d8  
Concen: 48.201 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX027375.D  
Acq: 10 Mar 2022 14:21

Tgt Ion: 98 Resp: 728203  
Ion Ratio Lower Upper  
98 100  
100 64.9 52.6 78.8

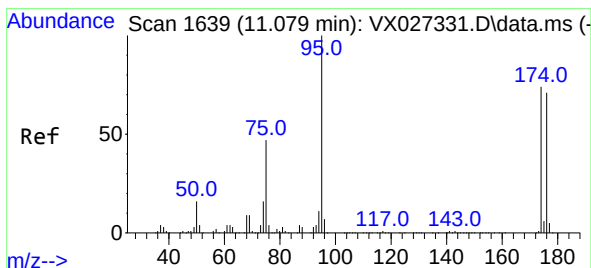
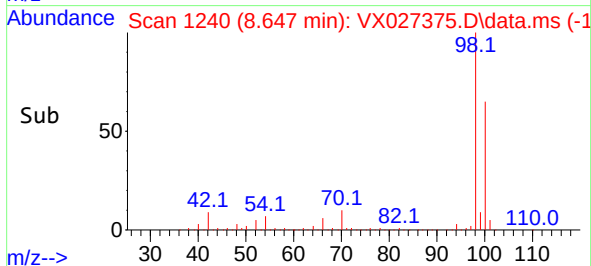
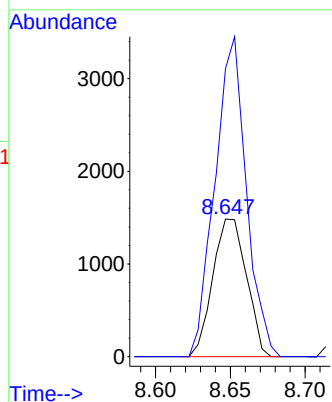
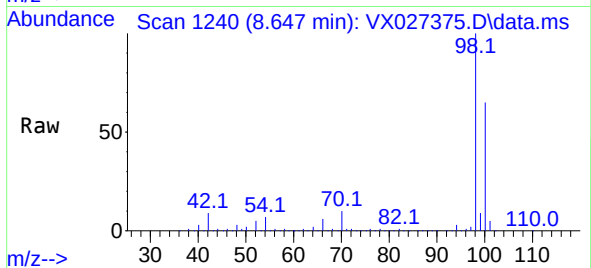




#51  
4-Methyl-2-Pentanone  
Concen: 0.394 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.073 min  
Lab File: VX027375.D  
Acq: 10 Mar 2022 14:21

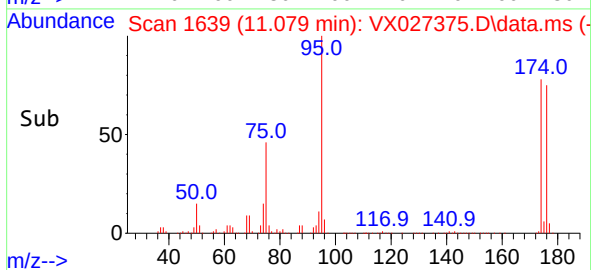
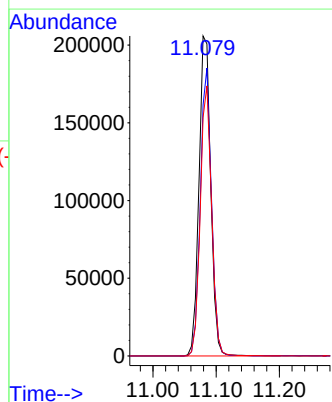
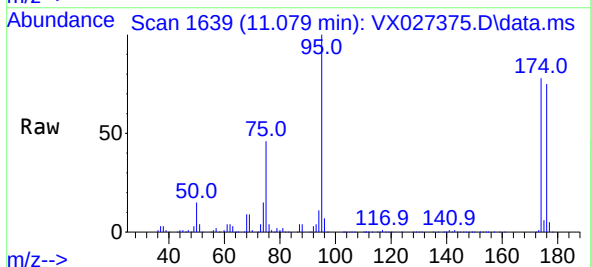
Instrument :  
MSVOA\_X  
ClientSampleId :  
TT-TB-20220303

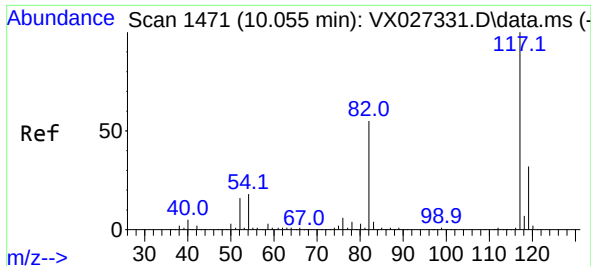
Tgt Ion: 43 Resp: 2327  
Ion Ratio Lower Upper  
43 100  
58 216.7 36.1 54.1#



#62  
4-Bromofluorobenzene  
Concen: 46.366 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX027375.D  
Acq: 10 Mar 2022 14:21

Tgt Ion: 95 Resp: 266979  
Ion Ratio Lower Upper  
95 100  
174 85.6 0.0 163.0  
176 81.8 0.0 155.0

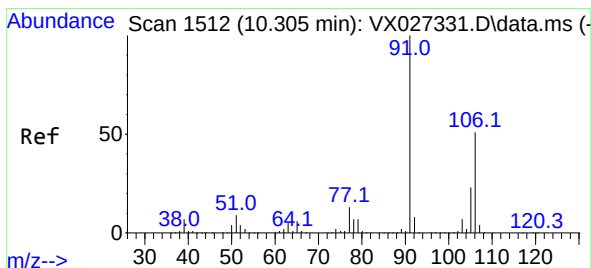
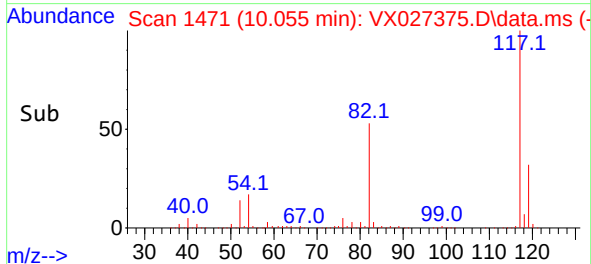
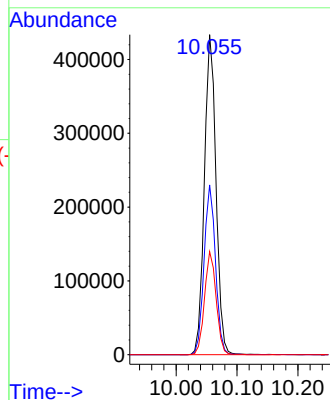
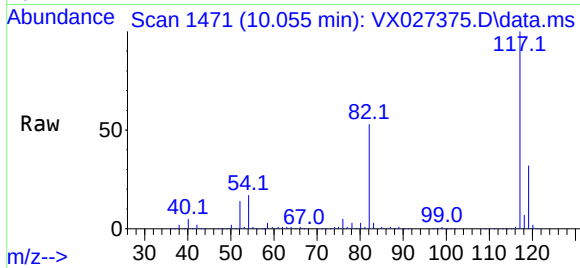




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX027375.D  
Acq: 10 Mar 2022 14:21

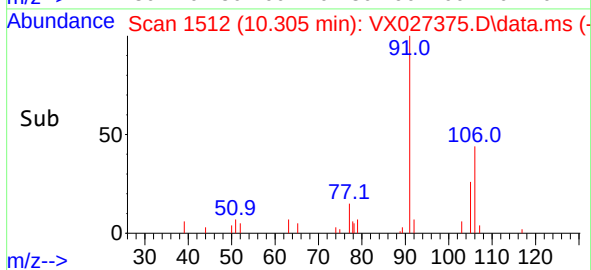
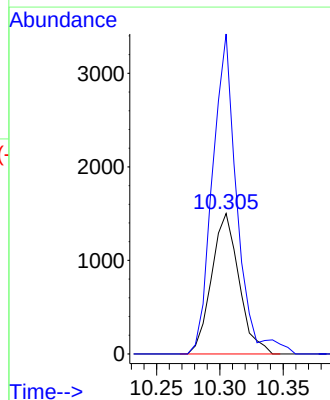
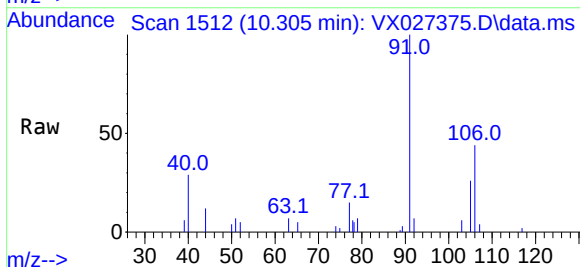
Instrument :  
MSVOA\_X  
ClientSampleId :  
TT-TB-20220303

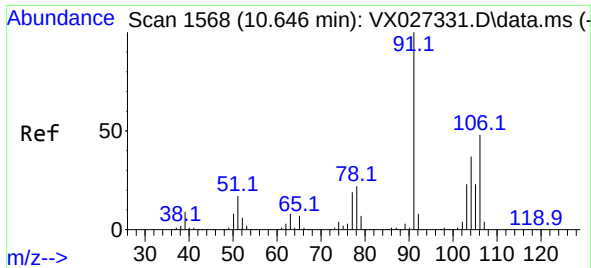
Tgt Ion:117 Resp: 576106  
Ion Ratio Lower Upper  
117 100  
82 53.1 41.8 62.8  
119 32.2 24.8 37.2



#68  
m/p-Xylenes  
Concen: 0.276 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. -0.000 min  
Lab File: VX027375.D  
Acq: 10 Mar 2022 14:21

Tgt Ion:106 Resp: 2263  
Ion Ratio Lower Upper  
106 100  
91 202.5 160.4 240.6

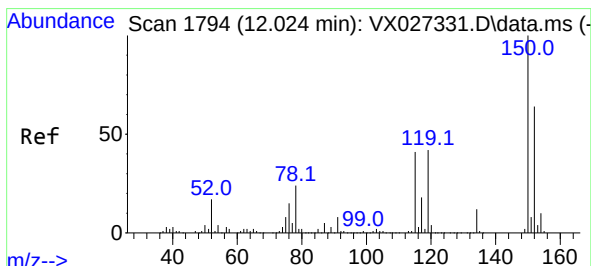
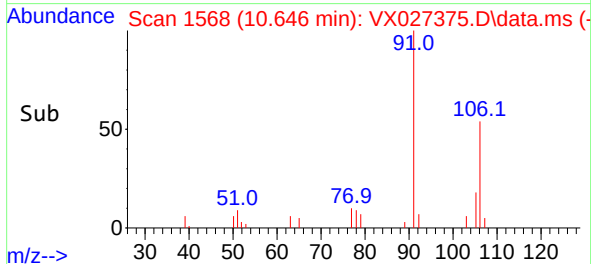
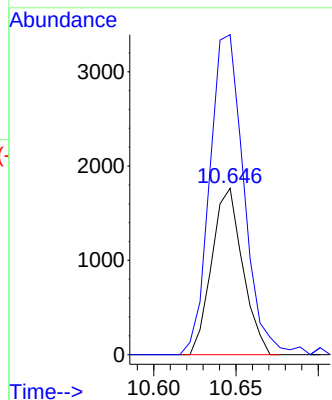
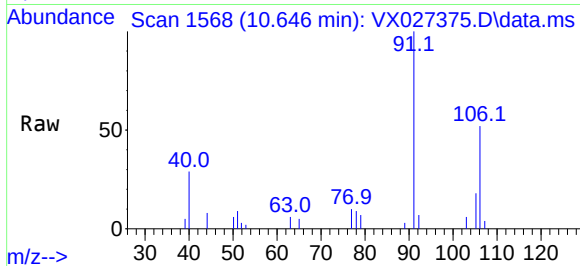




#69  
o-Xylene  
Concen: 0.285 ug/l  
RT: 10.646 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX027375.D  
Acq: 10 Mar 2022 14:21

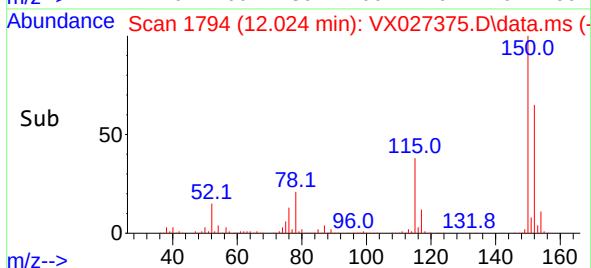
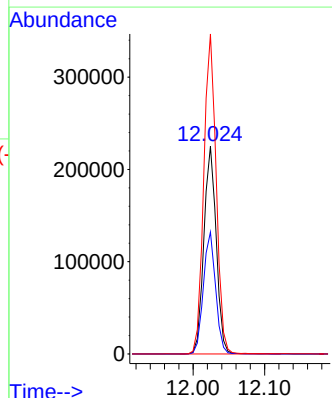
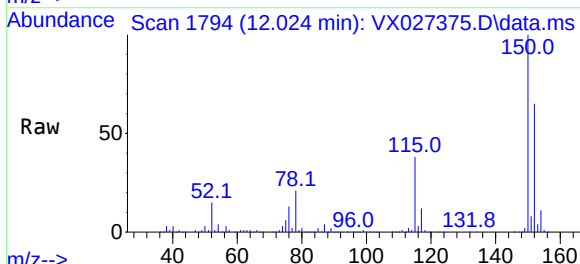
Instrument :  
MSVOA\_X  
ClientSampleId :  
TT-TB-20220303

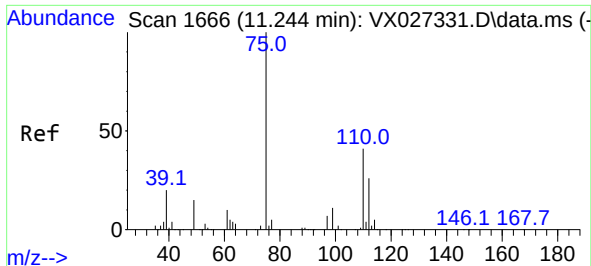
Tgt Ion:106 Resp: 2310  
Ion Ratio Lower Upper  
106 100  
91 213.7 106.1 318.1



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX027375.D  
Acq: 10 Mar 2022 14:21

Tgt Ion:152 Resp: 270281  
Ion Ratio Lower Upper  
152 100  
115 58.2 37.5 112.7  
150 154.9 0.0 338.2

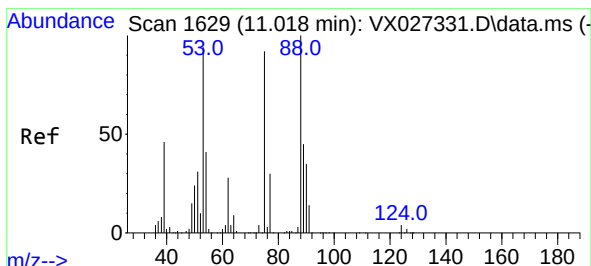
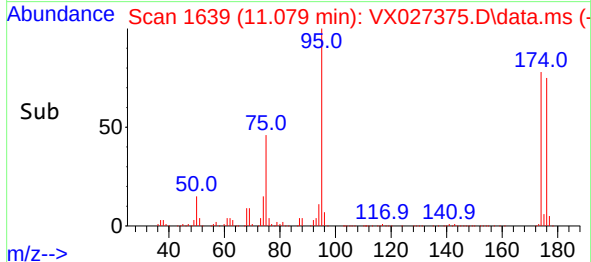
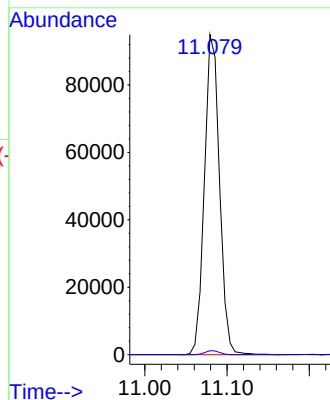
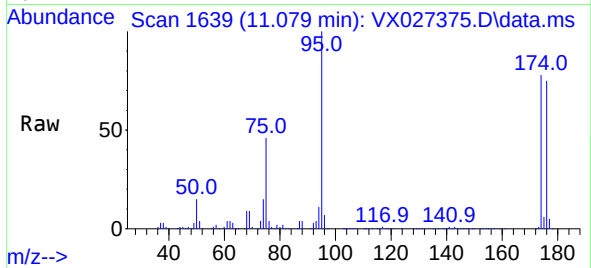




#76  
1,2,3-Trichloropropane  
Concen: 20.379 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.165 min  
Lab File: VX027375.D  
Acq: 10 Mar 2022 14:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
TT-TB-20220303

Tgt Ion: 75 Resp: 120846  
Ion Ratio Lower Upper  
75 100  
77 1.2 19.4 58.2#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 65.906 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX027375.D  
Acq: 10 Mar 2022 14:21

Tgt Ion: 75 Resp: 120846  
Ion Ratio Lower Upper  
75 100  
53 0.0 69.0 103.4#  
89 0.0 37.0 55.6#

