

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX071122\  
 Data File : VX030004.D  
 Acq On : 11 Jul 2022 17:54  
 Operator : JC/MD  
 Sample : N3524-10  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 31494

Quant Time: Jul 12 02:04:44 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062822W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 29 05:54:51 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.562  | 168  | 192806   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.769  | 114  | 326325   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 293583   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 151254   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 103414   | 42.372   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 84.740%  |
| 35) Dibromofluoromethane    | 5.397  | 113   | 99257    | 48.671   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 97.340%  |
| 50) Toluene-d8              | 8.653  | 98    | 377510   | 49.344   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 98.680%  |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 143922   | 53.218   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 106.440% |

|                             |        |     |          |           |        |     |
|-----------------------------|--------|-----|----------|-----------|--------|-----|
| Target Compounds            |        |     |          |           | Qvalue |     |
| 5) Bromomethane             | 1.605  | 94  | 293      | 0.247     | ug/l # | 62  |
| 6) Chloroethane             | 1.715  | 64  | 210      | 1.166     | ug/l # | 41  |
| 8) Diethyl Ether            | 2.136  | 74  | 270      | 0.218     | ug/l   | 99  |
| 10) Methyl Iodide           | 2.453  | 142 | 86       | 1.904     | ug/l # | 45  |
| 11) Tert butyl alcohol      | 2.959  | 59  | 3223     | 5.050     | ug/l   | 97  |
| 13) Acrolein                | 2.221  | 56  | 251      | Below Cal | #      | 14  |
| 16) Acetone                 | 2.380  | 43  | 143636   | 120.297   | ug/l   | 97  |
| 18) Methyl Acetate          | 2.709  | 43  | 3785     | 1.028     | ug/l   | 96  |
| 20) Methylene Chloride      | 2.788  | 84  | 23680    | 9.391     | ug/l   | 98  |
| 25) 2-Butanone              | 4.568  | 43  | 9759     | 4.709     | ug/l   | 99  |
| 29) Tetrahydrofuran         | 5.032  | 42  | 1336     | 0.980     | ug/l # | 69  |
| 31) Cyclohexane             | 5.556  | 56  | 3788     | 1.113     | ug/l # | 6   |
| 36) 1,1-Dichloropropene     | 5.550  | 75  | 14026    | 5.171     | ug/l # | 47  |
| 37) Ethyl Acetate           | 4.721  | 43  | 29498    | 7.952     | ug/l   | 98  |
| 38) Carbon Tetrachloride    | 5.562  | 117 | 18358    | 7.811     | ug/l # | 17  |
| 40) Benzene                 | 6.050  | 78  | 10763477 | 1227.225  | ug/l   | 94  |
| 42) 1,2-Dichloroethane      | 6.050  | 62  | 89899    | 33.398    | ug/l # | 73  |
| 43) Isopropyl Acetate       | 6.348  | 43  | 114336   | 20.468    | ug/l   | 99  |
| 44) Trichloroethene         | 7.135  | 130 | 1090     | 0.461     | ug/l   | 80  |
| 48) Methyl methacrylate     | 7.799  | 41  | 80210    | 30.284    | ug/l # | 42  |
| 49) 1,4-Dioxane             | 7.799  | 88  | 162      | 2.583     | ug/l # | 1   |
| 51) 4-Methyl-2-Pentanone    | 8.555  | 43  | 79029    | 21.454    | ug/l # | 53  |
| 52) Toluene                 | 8.738  | 92  | 13003574 | 2457.024  | ug/l   | 77  |
| 53) t-1,3-Dichloropropene   | 8.738  | 75  | 196593   | 67.907    | ug/l # | 1   |
| 54) cis-1,3-Dichloropropene | 8.555  | 75  | 41353    | 12.640    | ug/l # | 62  |
| 55) 1,1,2-Trichloroethane   | 9.019  | 97  | 15531    | 6.736     | ug/l # | 19  |
| 57) 1,3-Dichloropropane     | 9.488  | 76  | 4269     | 1.151     | ug/l # | 44  |
| 59) 2-Hexanone              | 9.488  | 43  | 51820    | 18.128    | ug/l # | 50  |
| 67) Ethyl Benzene           | 10.195 | 91  | 1903706  | 185.719   | ug/l   | 100 |
| 68) m/p-Xylenes             | 10.305 | 106 | 3014063  | 766.669   | ug/l   | 99  |
| 69) o-Xylene                | 10.653 | 106 | 1827483  | 458.929   | ug/l   | 99  |
| 70) Styrene                 | 10.671 | 104 | 12760746 | 1938.646  | ug/l # | 91  |
| 74) N-ethyl acetate         | 10.775 | 43  | 1775     | 0.328     | ug/l # | 52  |
| 76) 1,2,3-Trichloropropane  | 11.244 | 75  | 2644     | 0.730     | ug/l # | 1   |
| 78) n-propylbenzene         | 11.305 | 91  | 76504    | 5.927     | ug/l   | 99  |
| 79) 2-Chlorotoluene         | 11.384 | 91  | 55442    | 7.224     | ug/l # | 40  |

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 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
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Quant Time: Jul 12 02:04:44 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062822W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 29 05:54:51 2022  
 Response via : Initial Calibration

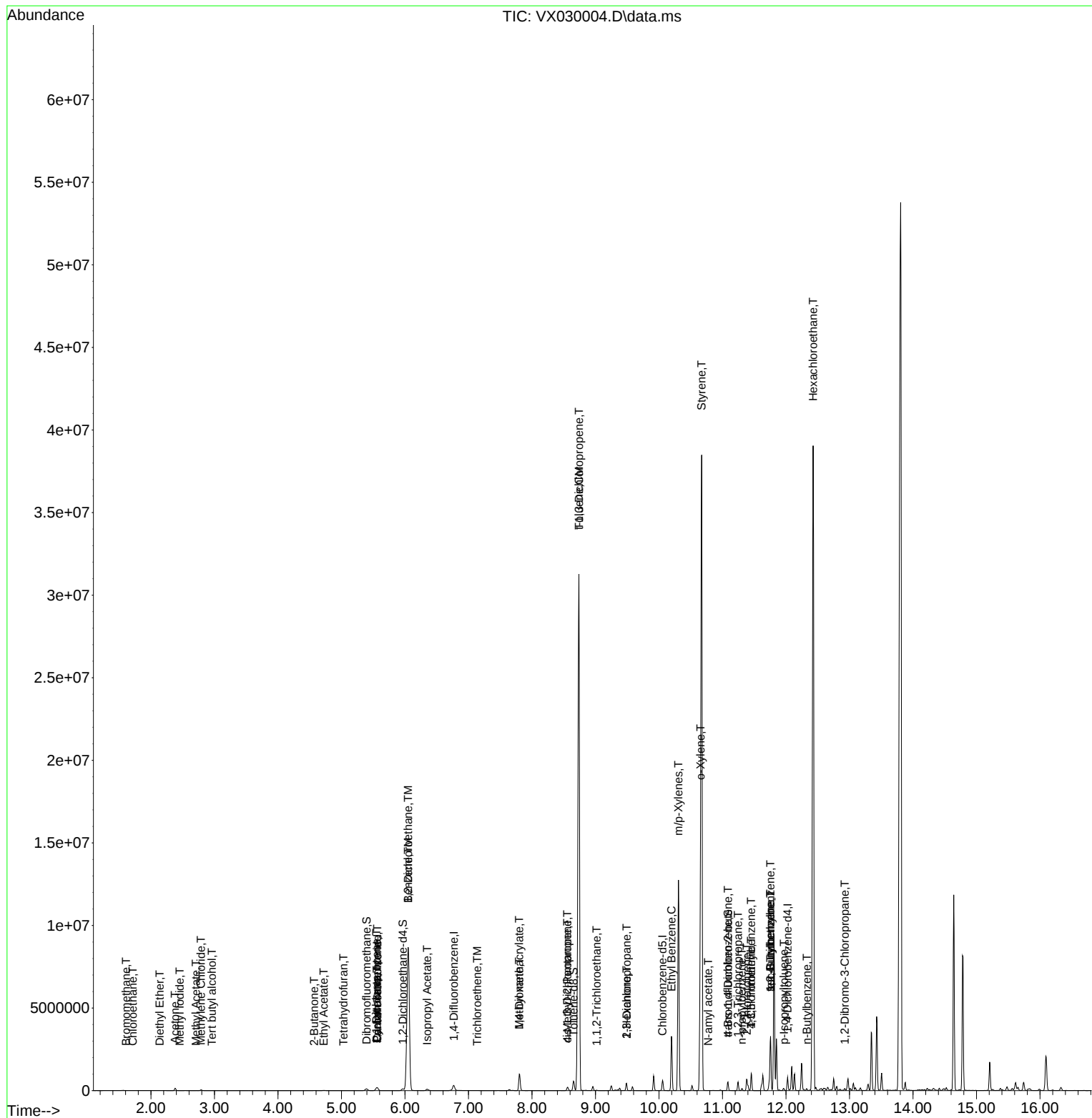
| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| -----                         |        |      |          |          |        |          |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 444793   | 48.955   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.085 | 75   | 68926    | 60.454   | ug/l # | 12       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 45820    | 5.241    | ug/l # | 44       |
| 83) tert-Butylbenzene         | 11.756 | 119  | 180830   | 20.082   | ug/l # | 42       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 1410940  | 155.020  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.756 | 105  | 1410940  | 124.346  | ug/l # | 56       |
| 86) p-Isopropyltoluene        | 11.969 | 119  | 14875    | 1.642    | ug/l # | 71       |
| 89) n-Butylbenzene            | 12.329 | 91   | 12823    | 1.506    | ug/l # | 1        |
| 90) Hexachloroethane          | 12.427 | 117  | 2227587  | 1507.818 | ug/l # | 16       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.927 | 75   | 642      | 0.713    | ug/l # | 1        |
| -----                         |        |      |          |          |        |          |

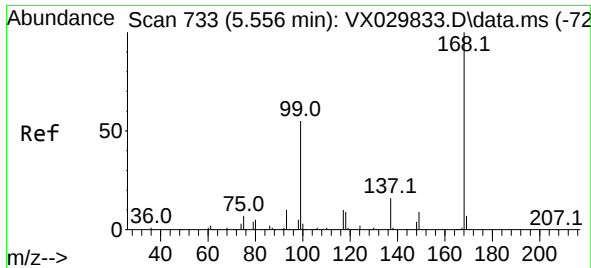
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062822W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 29 05:54:51 2022  
Response via : Initial Calibration

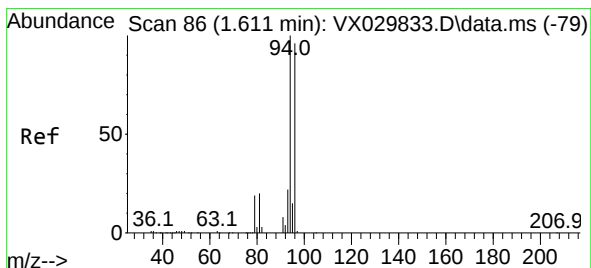
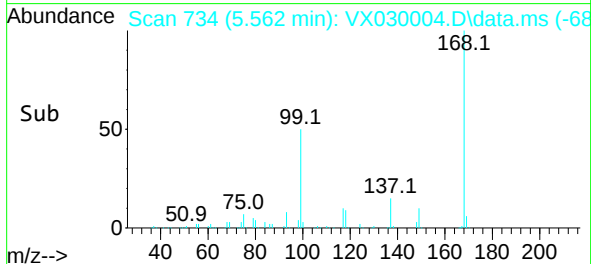
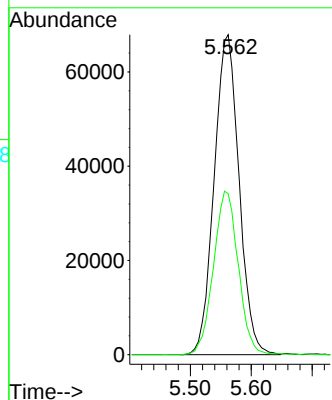
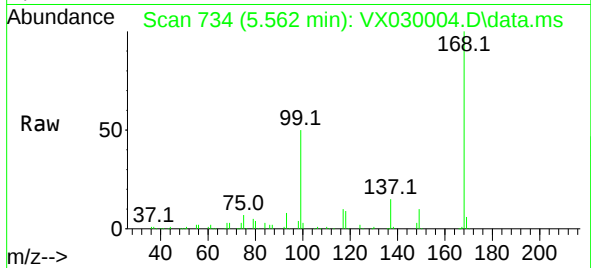




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

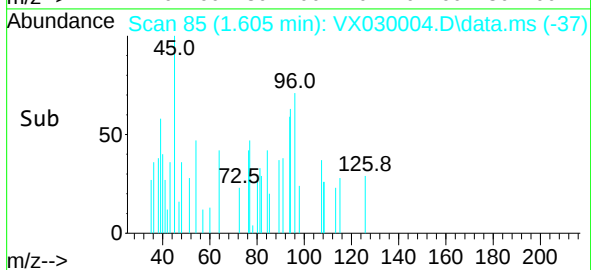
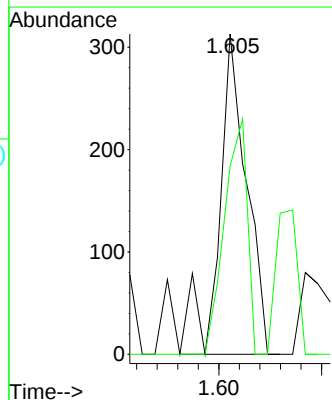
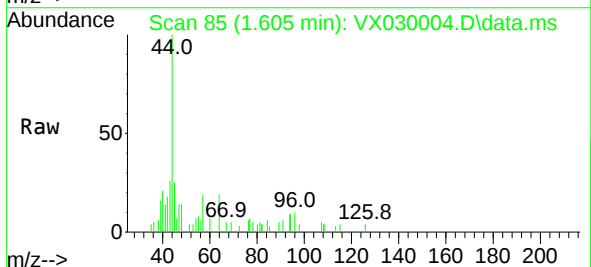
Instrument :  
MSVOA\_X  
ClientSampleId :  
31494

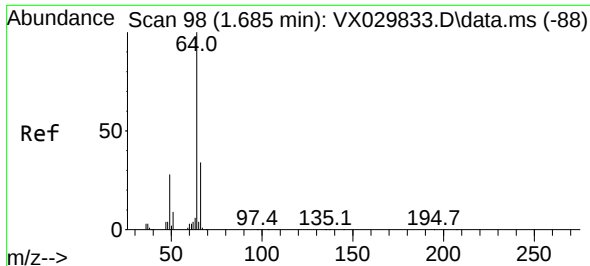
Tgt Ion:168 Resp: 192806  
Ion Ratio Lower Upper  
168 100  
99 50.3 44.0 66.0



#5  
Bromomethane  
Concen: 0.247 ug/l  
RT: 1.605 min Scan# 85  
Delta R.T. -0.006 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

Tgt Ion: 94 Resp: 293  
Ion Ratio Lower Upper  
94 100  
96 58.8 76.9 115.3#

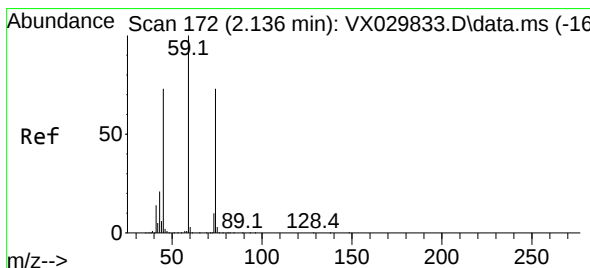
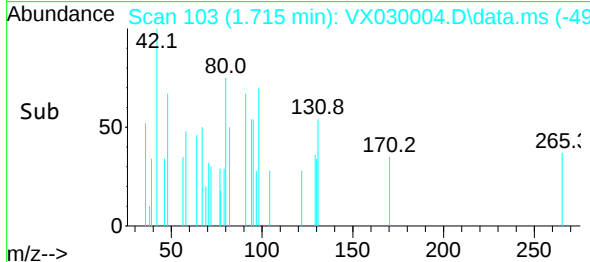
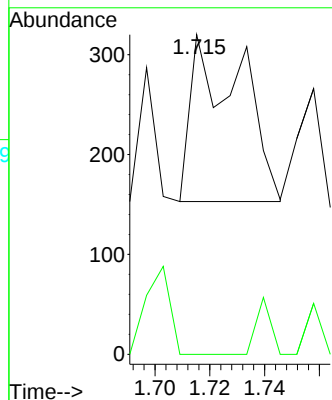
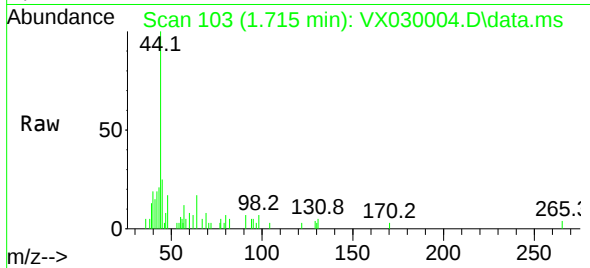




#6  
Chloroethane  
Concen: 1.166 ug/l  
RT: 1.715 min Scan# 103  
Delta R.T. 0.030 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

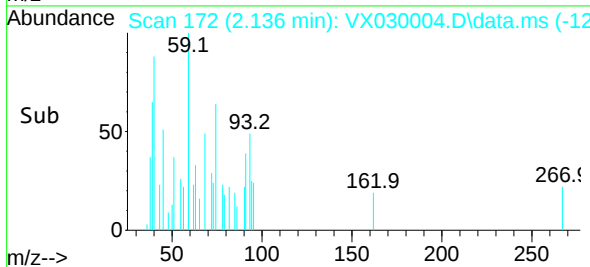
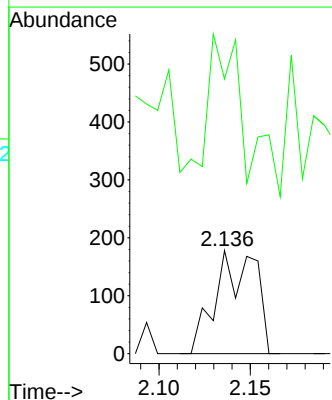
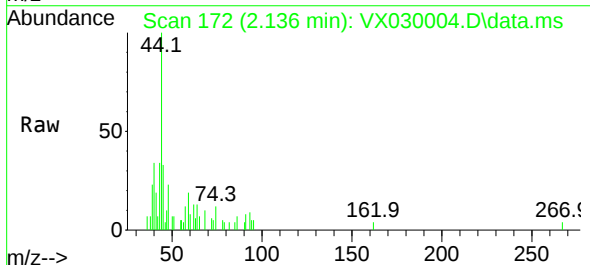
Instrument :  
MSVOA\_X  
ClientSampleId :  
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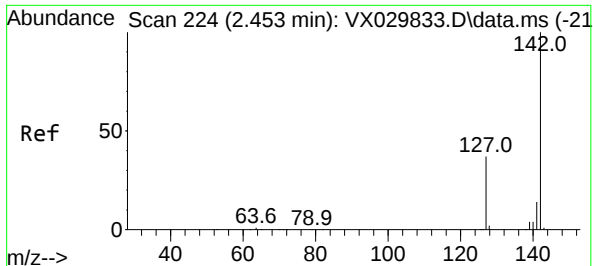
Tgt Ion: 64 Resp: 210  
Ion Ratio Lower Upper  
64 100  
66 0.0 27.2 40.8#



#8  
Diethyl Ether  
Concen: 0.218 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.000 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

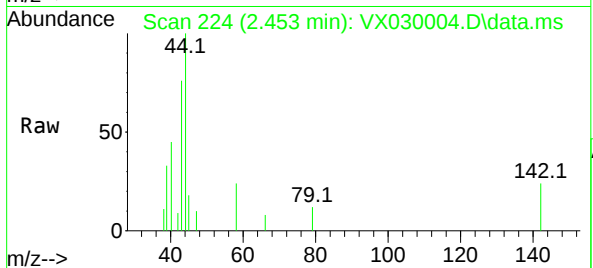
Tgt Ion: 74 Resp: 270  
Ion Ratio Lower Upper  
74 100  
45 103.7 51.5 154.7



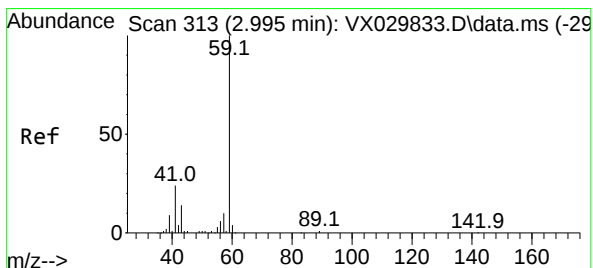
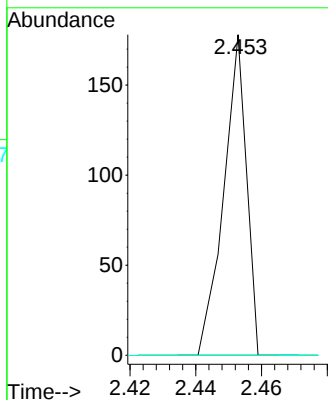
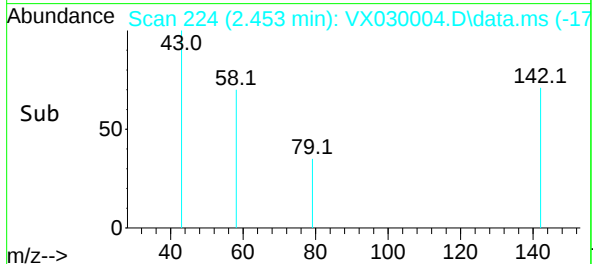


#10  
Methyl Iodide  
Concen: 1.904 ug/l  
RT: 2.453 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

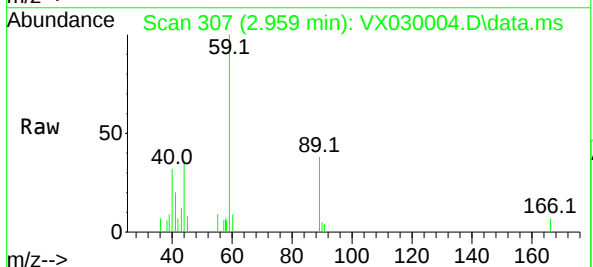
Instrument :  
MSVOA\_X  
ClientSampleId :  
31494



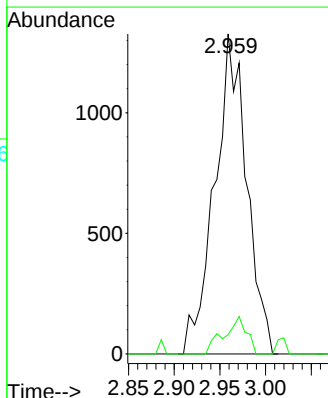
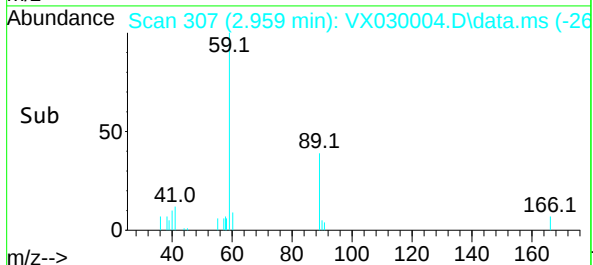
Tgt Ion:142 Resp: 86  
Ion Ratio Lower Upper  
142 100  
127 0.0 30.2 45.2#  
141 0.0 11.3 16.9#

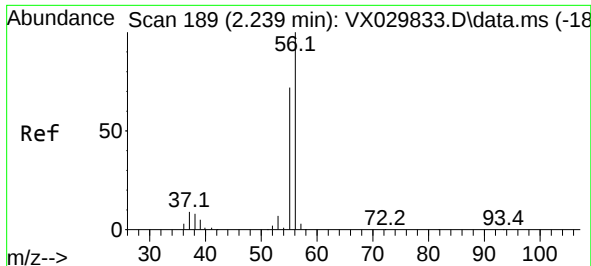


#11  
Tert butyl alcohol  
Concen: 5.050 ug/l  
RT: 2.959 min Scan# 307  
Delta R.T. -0.036 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54



Tgt Ion: 59 Resp: 3223  
Ion Ratio Lower Upper  
59 100  
57 8.2 7.4 11.2

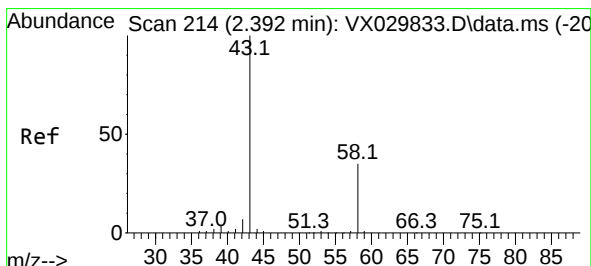
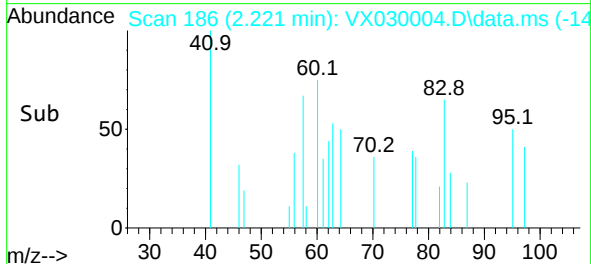
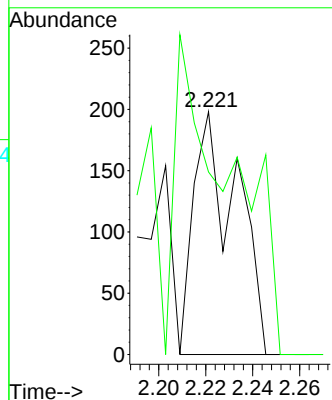
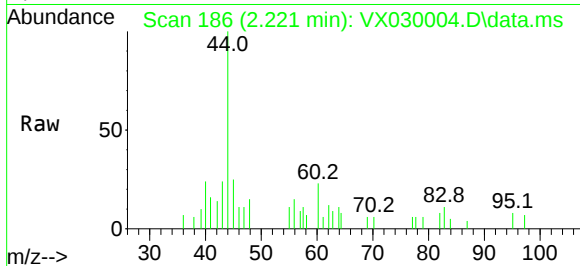




#13  
Acrolein  
Concen: Below Cal  
RT: 2.221 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

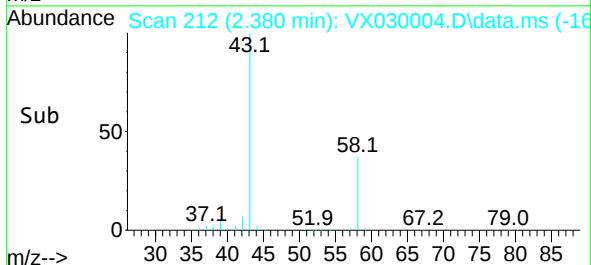
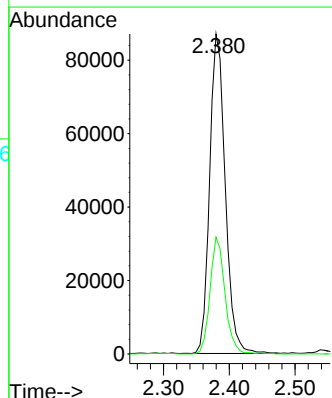
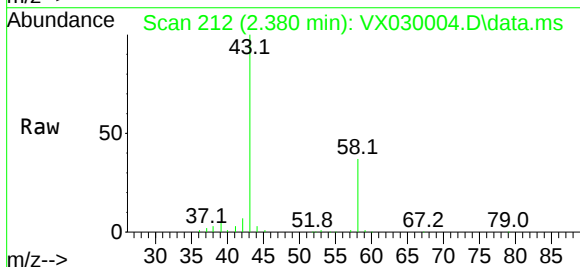
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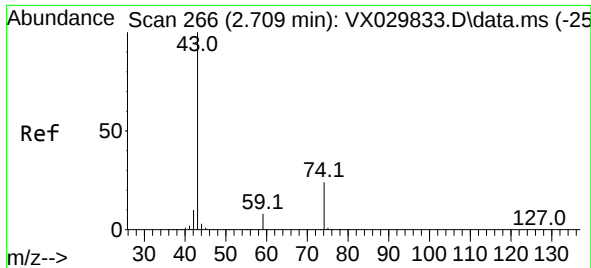
Tgt Ion: 56 Resp: 251  
Ion Ratio Lower Upper  
56 100  
55 0.0 56.6 84.8#



#16  
Acetone  
Concen: 120.297 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.012 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

Tgt Ion: 43 Resp: 143636  
Ion Ratio Lower Upper  
43 100  
58 36.6 27.7 41.5

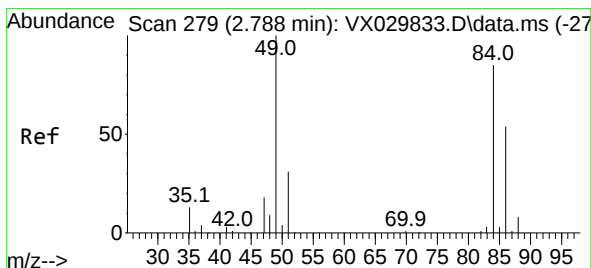
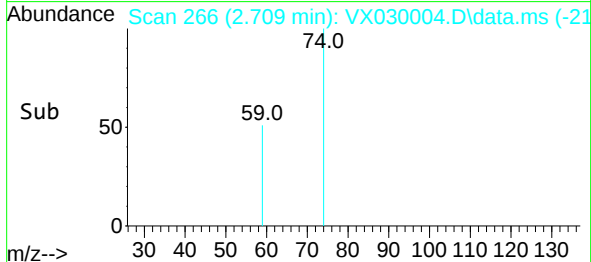
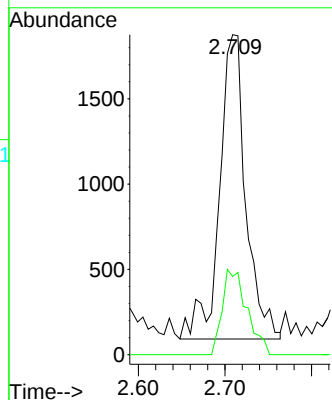
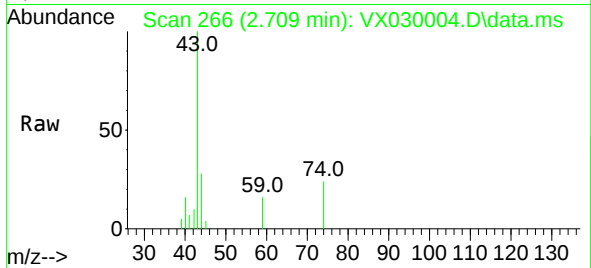




#18  
Methyl Acetate  
Concen: 1.028 ug/l  
RT: 2.709 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

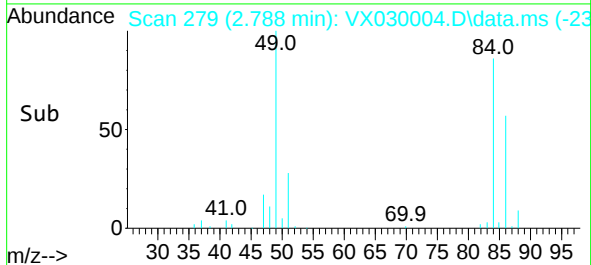
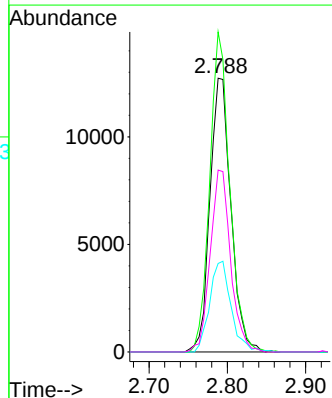
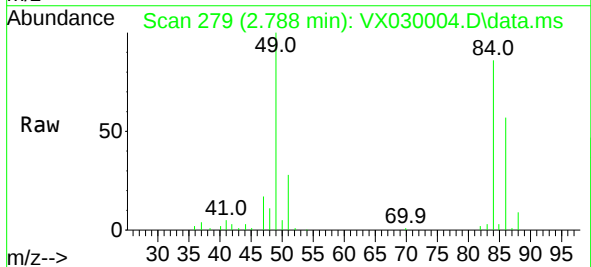
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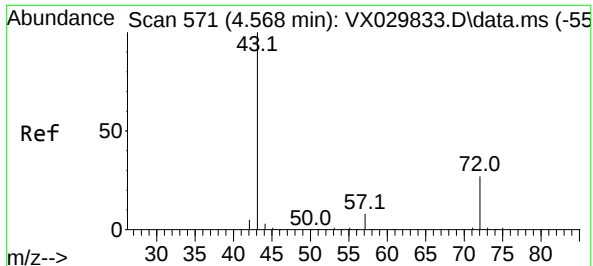
Tgt Ion: 43 Resp: 3785  
Ion Ratio Lower Upper  
43 100  
74 26.1 19.4 29.2



#20  
Methylene Chloride  
Concen: 9.391 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

Tgt Ion: 84 Resp: 23680  
Ion Ratio Lower Upper  
84 100  
49 116.9 93.8 140.6  
51 32.3 29.4 44.0  
86 66.5 51.0 76.4

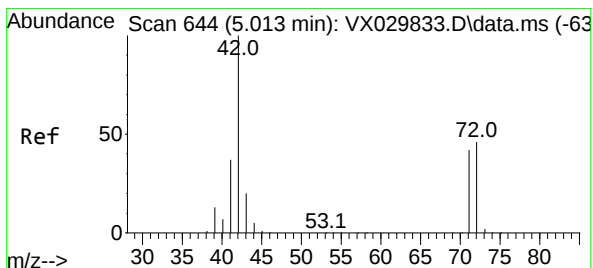
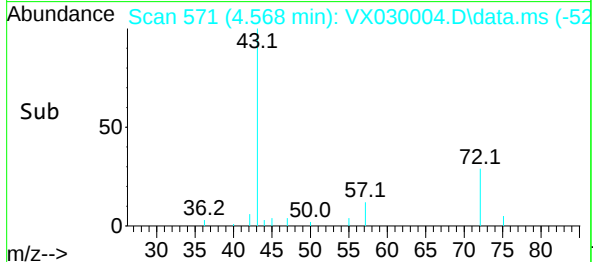
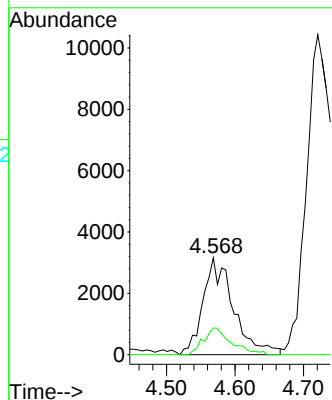
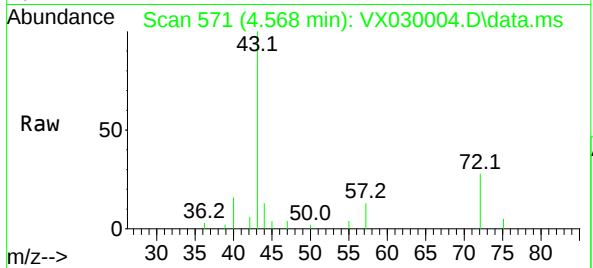




#25  
2-Butanone  
Concen: 4.709 ug/l  
RT: 4.568 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

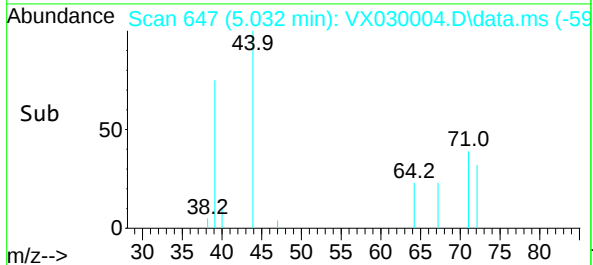
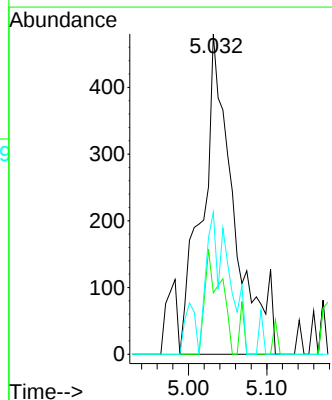
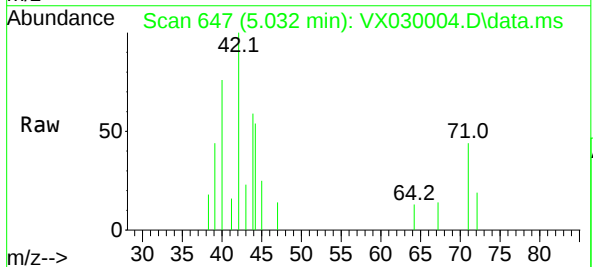
Instrument :  
MSVOA\_X  
ClientSampleId :  
31494

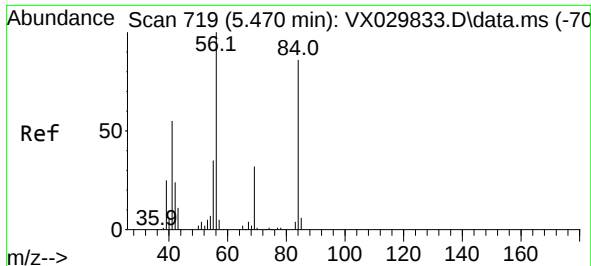
Tgt Ion: 43 Resp: 9759  
Ion Ratio Lower Upper  
43 100  
72 27.8 21.7 32.5



#29  
Tetrahydrofuran  
Concen: 0.980 ug/l  
RT: 5.032 min Scan# 647  
Delta R.T. 0.018 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

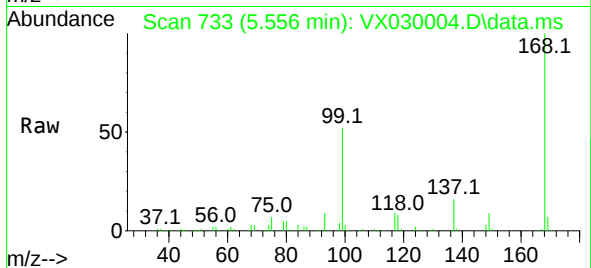
Tgt Ion: 42 Resp: 1336  
Ion Ratio Lower Upper  
42 100  
72 16.5 36.5 54.7#  
71 31.5 33.9 50.9#



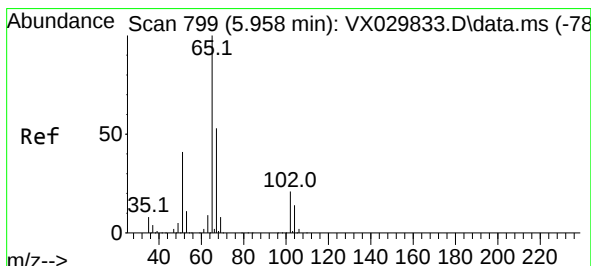
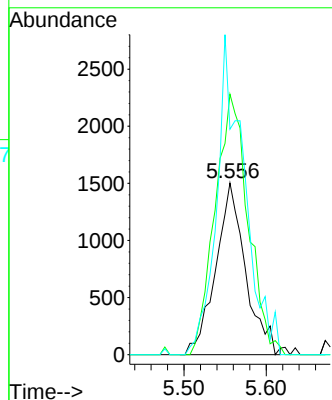
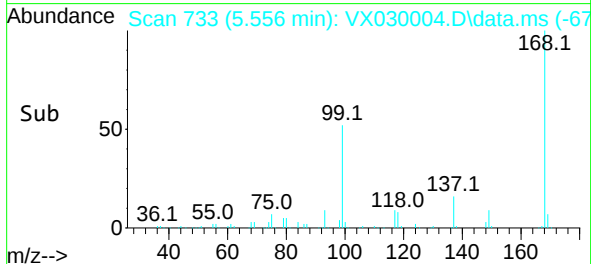


#31  
Cyclohexane  
Concen: 1.113 ug/l  
RT: 5.556 min Scan# 719  
Delta R.T. 0.086 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
31494

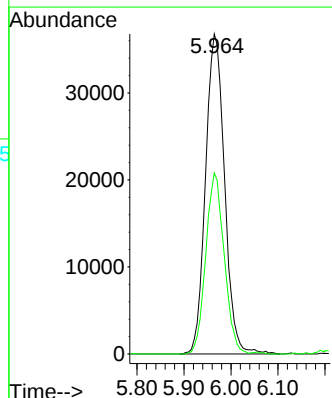
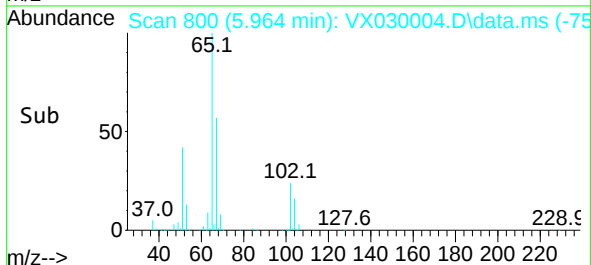
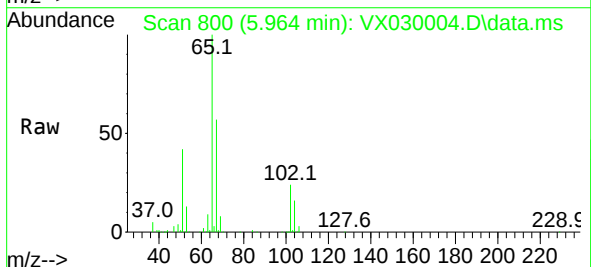


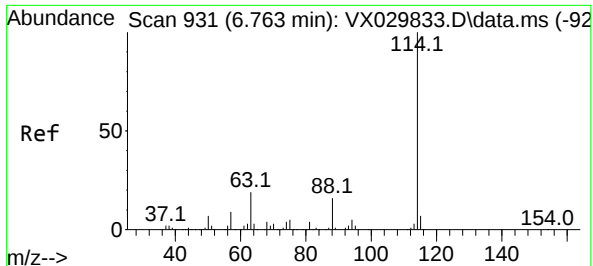
Tgt Ion: 56 Resp: 3788  
Ion Ratio Lower Upper  
56 100  
69 151.7 25.4 38.0#  
84 131.3 68.9 103.3#



#33  
1,2-Dichloroethane-d4  
Concen: 42.372 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.006 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

Tgt Ion: 65 Resp: 103414  
Ion Ratio Lower Upper  
65 100  
67 54.6 0.0 109.6

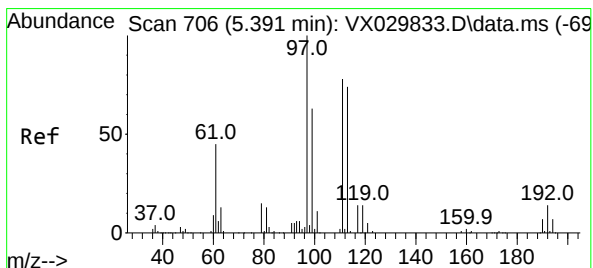
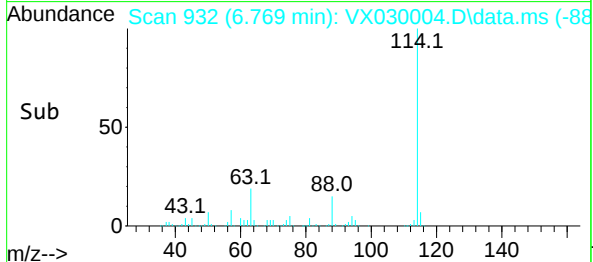
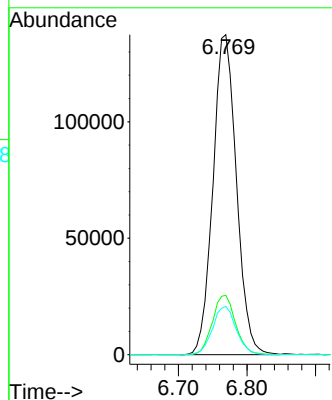
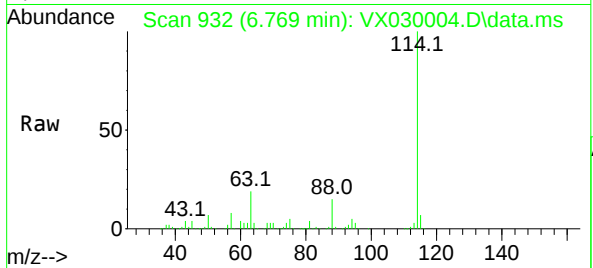




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

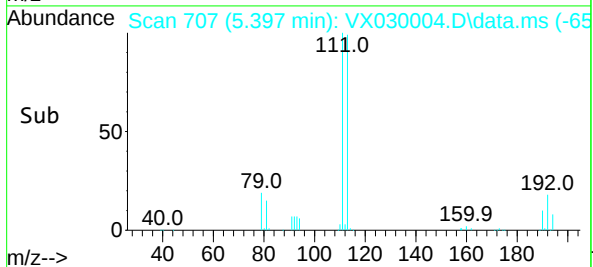
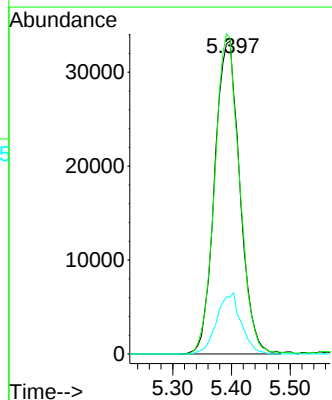
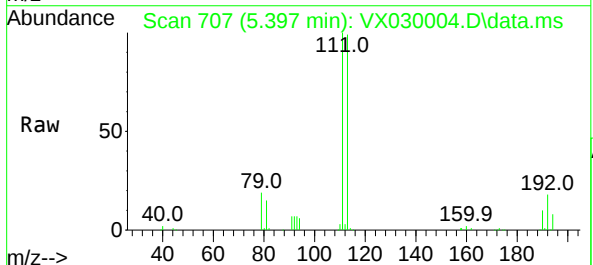
Instrument :  
MSVOA\_X  
ClientSampleId :  
31494

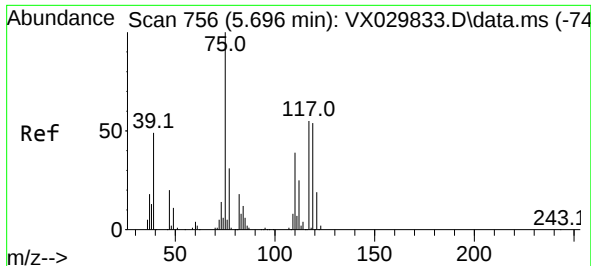
Tgt Ion:114 Resp: 326325  
Ion Ratio Lower Upper  
114 100  
63 18.5 0.0 38.4  
88 15.1 0.0 31.8



#35  
Dibromofluoromethane  
Concen: 48.671 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.006 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

Tgt Ion:113 Resp: 99257  
Ion Ratio Lower Upper  
113 100  
111 100.8 83.2 124.8  
192 18.8 14.8 22.2

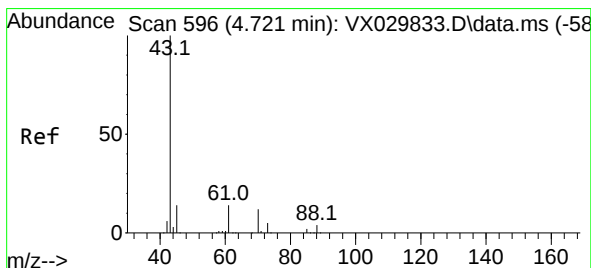
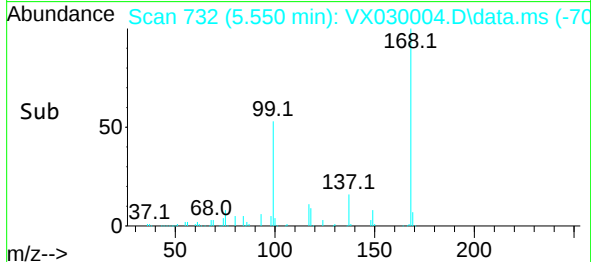
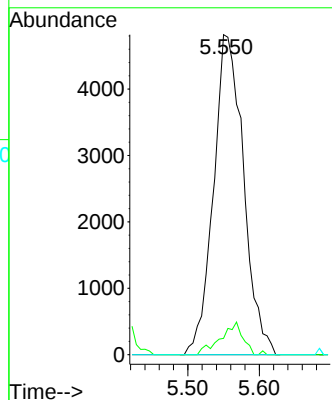
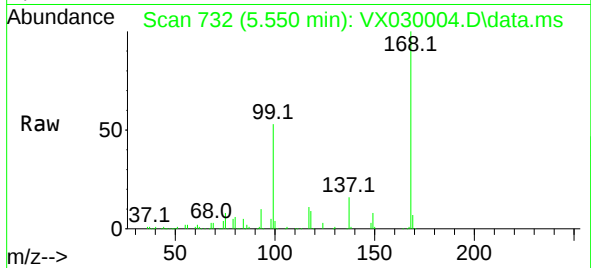




#36  
1,1-Dichloropropene  
Concen: 5.171 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.146 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

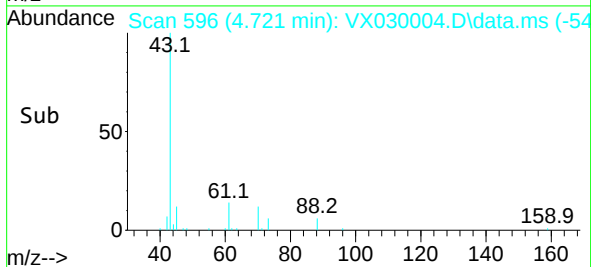
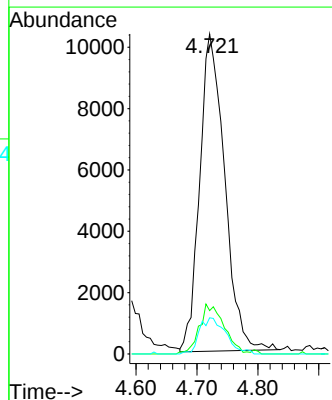
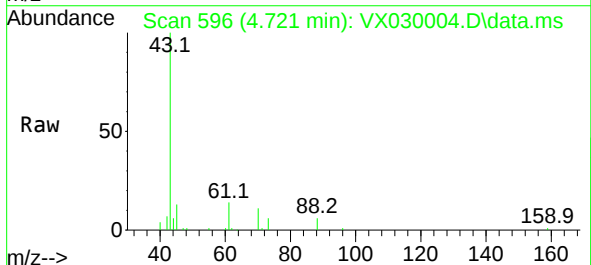
Instrument :  
MSVOA\_X  
ClientSampleId :  
31494

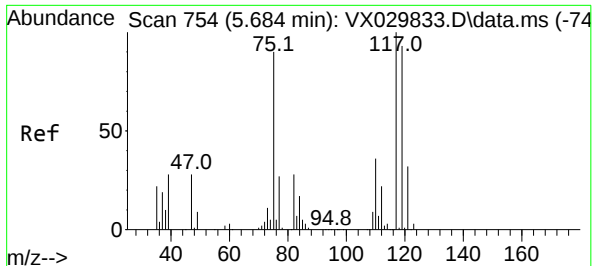
Tgt Ion: 75 Resp: 14026  
Ion Ratio Lower Upper  
75 100  
110 7.5 19.3 57.9#  
77 0.0 24.4 36.6#



#37  
Ethyl Acetate  
Concen: 7.952 ug/l  
RT: 4.721 min Scan# 596  
Delta R.T. 0.000 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

Tgt Ion: 43 Resp: 29498  
Ion Ratio Lower Upper  
43 100  
61 15.5 11.7 17.5  
70 12.1 9.3 13.9

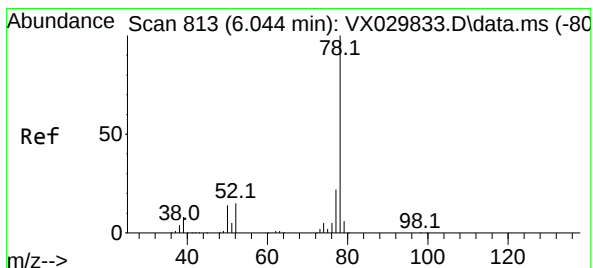
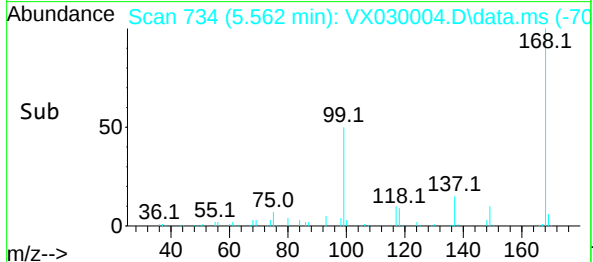
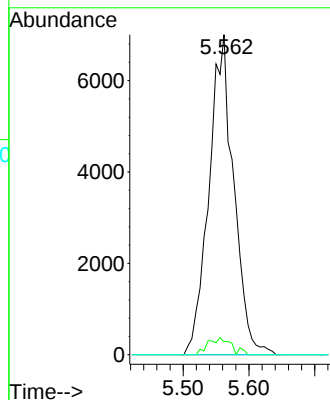
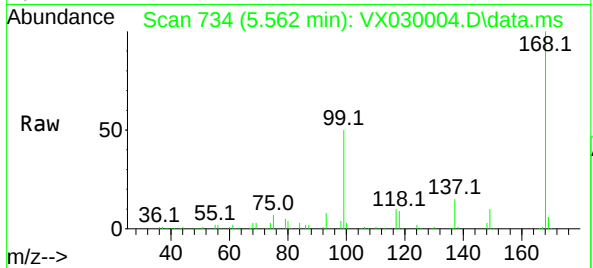




#38  
Carbon Tetrachloride  
Concen: 7.811 ug/l  
RT: 5.562 min Scan# 714  
Delta R.T. -0.122 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

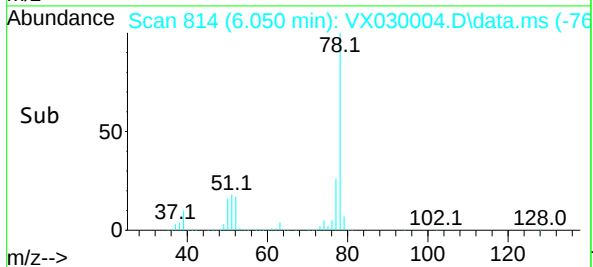
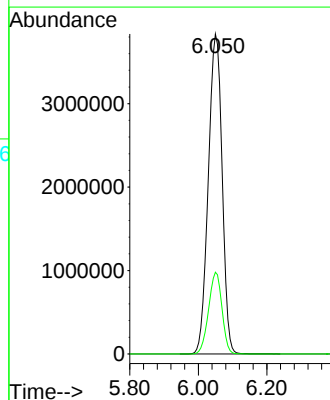
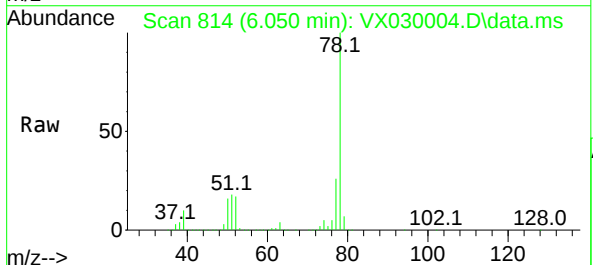
Instrument :  
MSVOA\_X  
ClientSampleId :  
31494

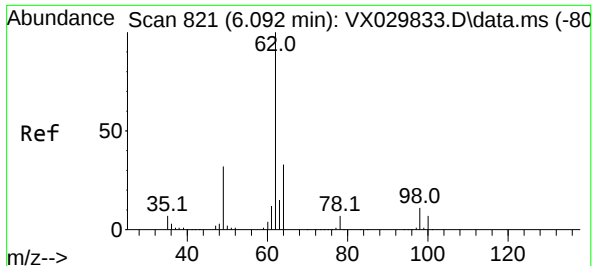
Tgt Ion:117 Resp: 18358  
Ion Ratio Lower Upper  
117 100  
119 4.1 74.1 111.1#  
121 0.0 25.8 38.8#



#40  
Benzene  
Concen: 1227.225 ug/l  
RT: 6.050 min Scan# 814  
Delta R.T. 0.006 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

Tgt Ion: 78 Resp:10763477  
Ion Ratio Lower Upper  
78 100  
77 25.6 18.0 27.0





#42

1,2-Dichloroethane

Concen: 33.398 ug/l

RT: 6.050 min Scan# 81

Delta R.T. -0.043 min

Lab File: VX030004.D

Acq: 11 Jul 2022 17:54

Instrument :

MSVOA\_X

ClientSampleId :

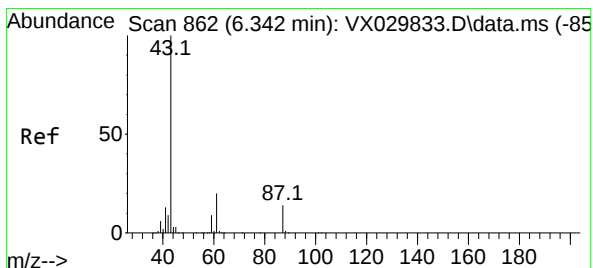
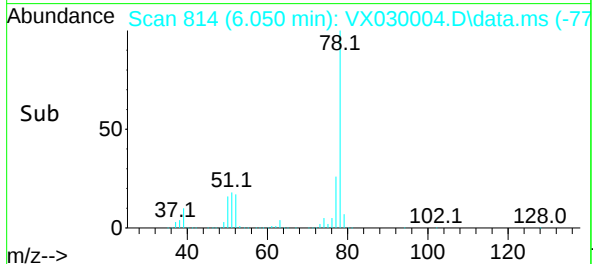
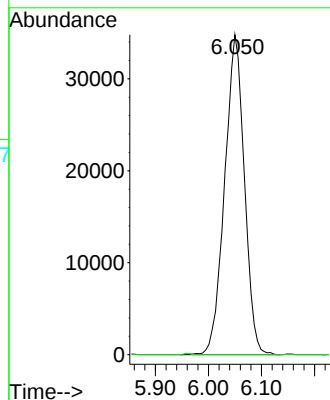
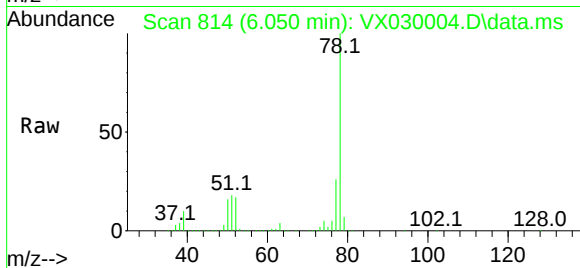
31494

Tgt Ion: 62 Resp: 89899

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.2



#43

Isopropyl Acetate

Concen: 20.468 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX030004.D

Acq: 11 Jul 2022 17:54

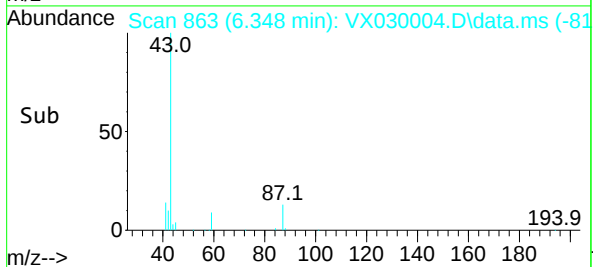
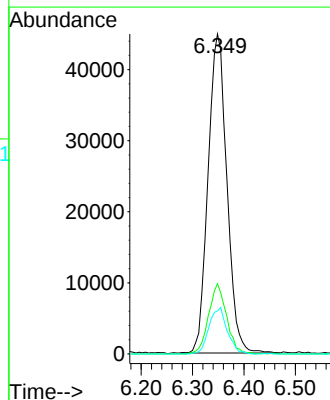
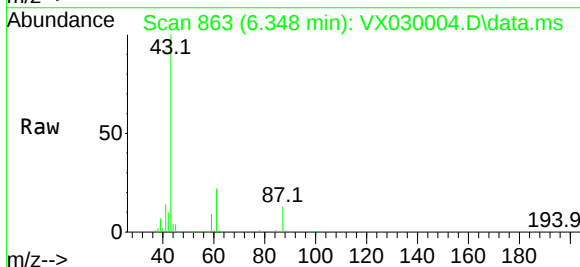
Tgt Ion: 43 Resp: 114336

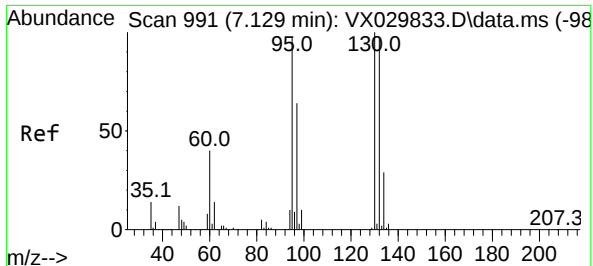
Ion Ratio Lower Upper

43 100

61 21.1 16.5 24.7

87 14.1 11.1 16.7

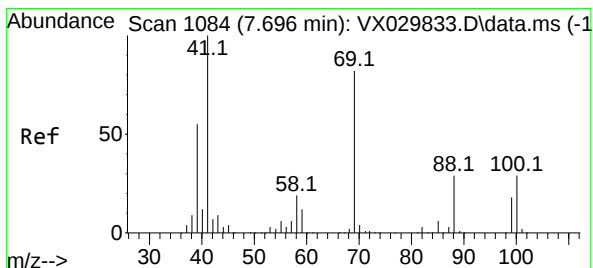
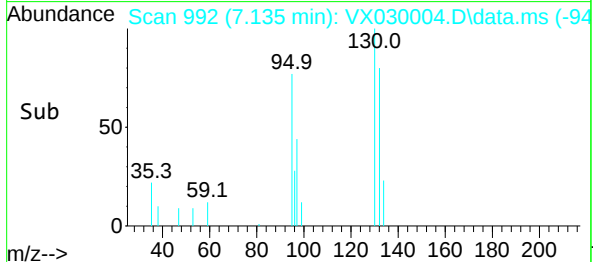
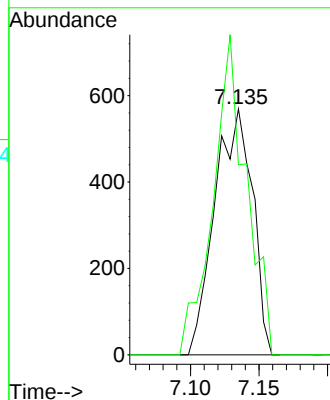
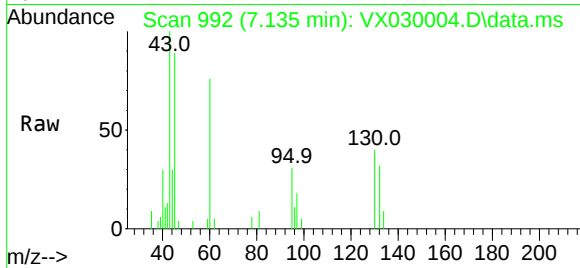




#44  
Trichloroethene  
Concen: 0.461 ug/l  
RT: 7.135 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

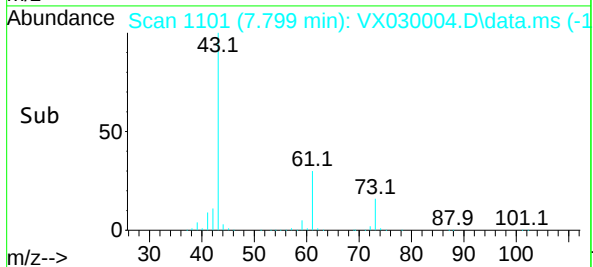
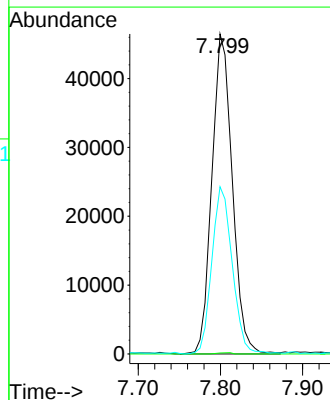
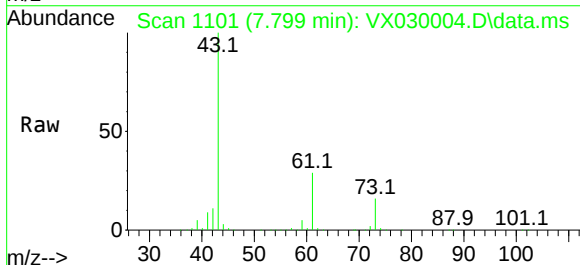
Instrument :  
MSVOA\_X  
ClientSampleId :  
31494

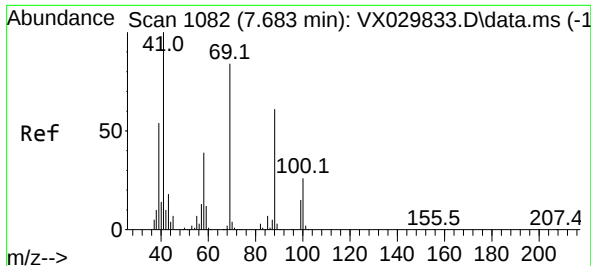
Tgt Ion:130 Resp: 1090  
Ion Ratio Lower Upper  
130 100  
95 77.3 0.0 194.8



#48  
Methyl methacrylate  
Concen: 30.284 ug/l  
RT: 7.799 min Scan# 1101  
Delta R.T. 0.104 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

Tgt Ion: 41 Resp: 80210  
Ion Ratio Lower Upper  
41 100  
69 0.2 68.8 103.2#  
39 52.4 44.6 66.8





#49

1,4-Dioxane

Concen: 2.583 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.116 min

Lab File: VX030004.D

Acq: 11 Jul 2022 17:54

Instrument :

MSVOA\_X

ClientSampleId :

31494

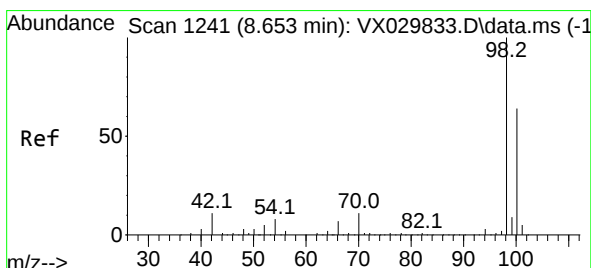
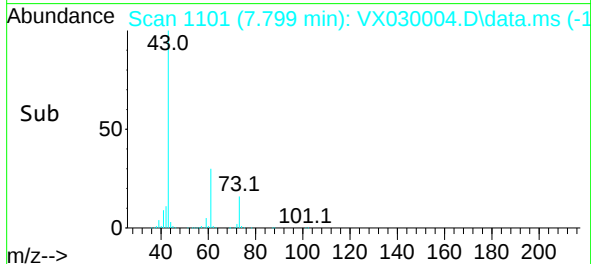
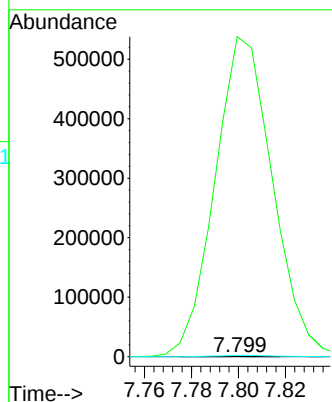
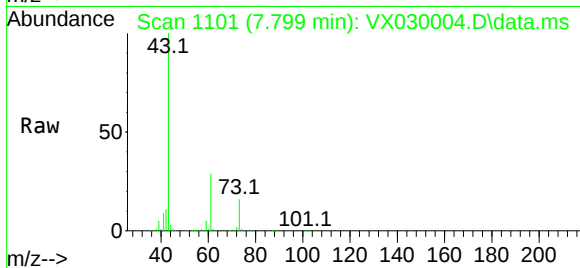
Tgt Ion: 88 Resp: 162

Ion Ratio Lower Upper

88 100

43 571095.7 23.8 35.8#

58 2380.9 53.8 80.6#



#50

Toluene-d8

Concen: 49.344 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX030004.D

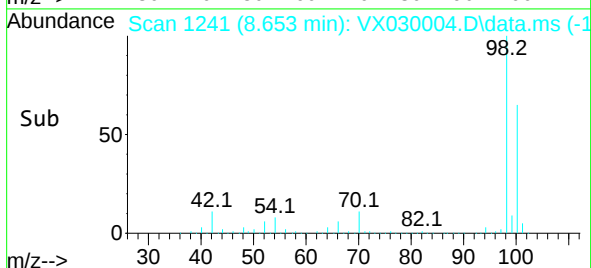
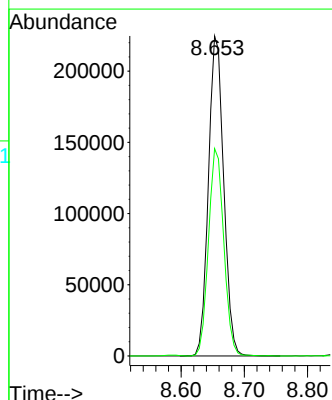
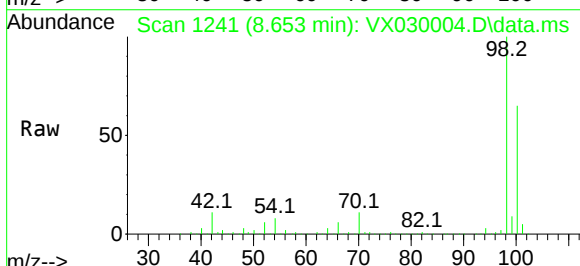
Acq: 11 Jul 2022 17:54

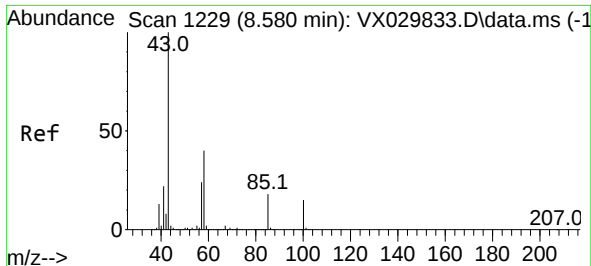
Tgt Ion: 98 Resp: 377510

Ion Ratio Lower Upper

98 100

100 64.8 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 21.454 ug/l

RT: 8.555 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX030004.D

Acq: 11 Jul 2022 17:54

Instrument :

MSVOA\_X

ClientSampleId :

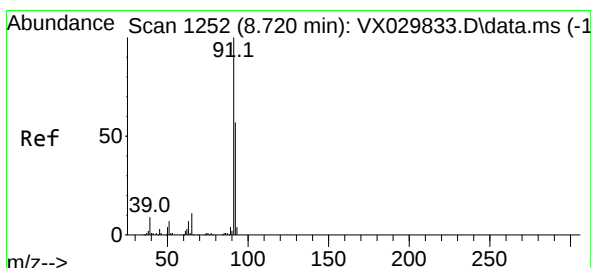
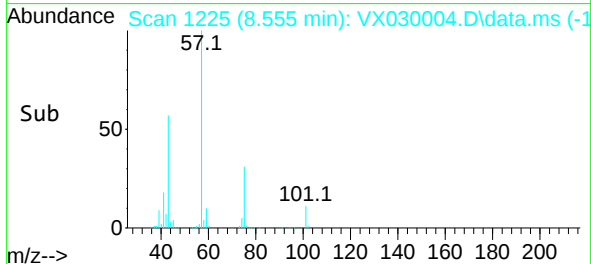
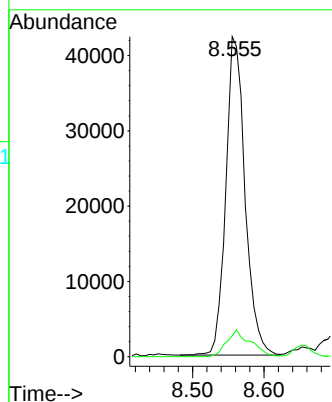
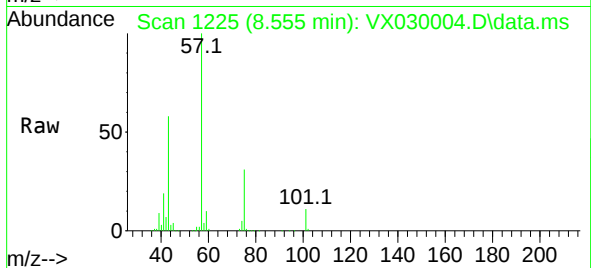
31494

Tgt Ion: 43 Resp: 79029

Ion Ratio Lower Upper

43 100

58 10.4 31.4 47.2#



#52

Toluene

Concen: 2457.024 ug/l

RT: 8.738 min Scan# 1255

Delta R.T. 0.018 min

Lab File: VX030004.D

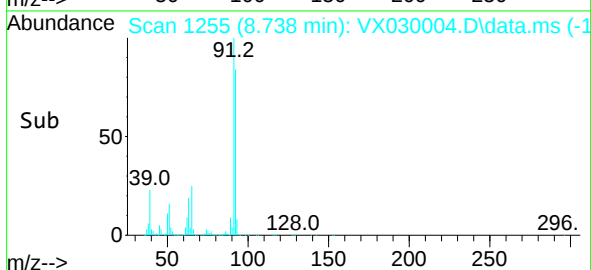
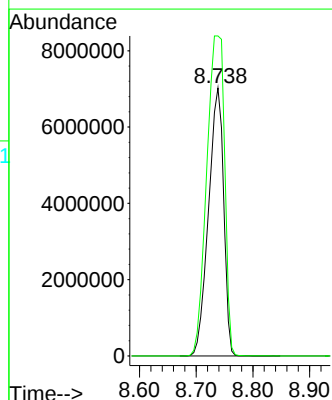
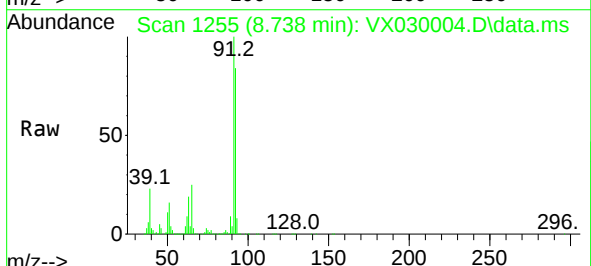
Acq: 11 Jul 2022 17:54

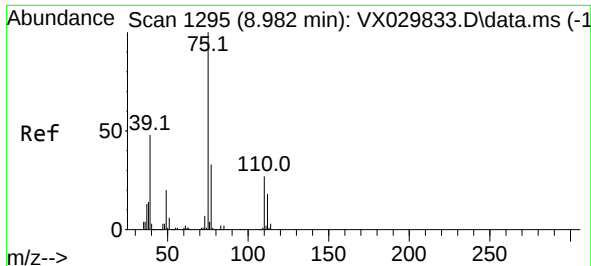
Tgt Ion: 92 Resp:13003574

Ion Ratio Lower Upper

92 100

91 142.1 139.2 208.8

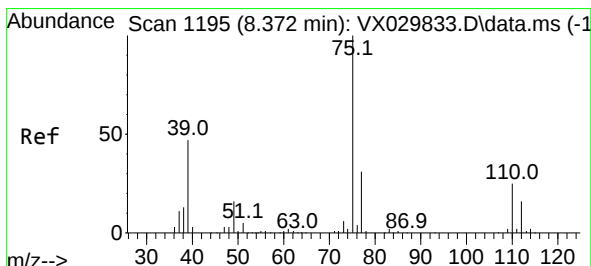
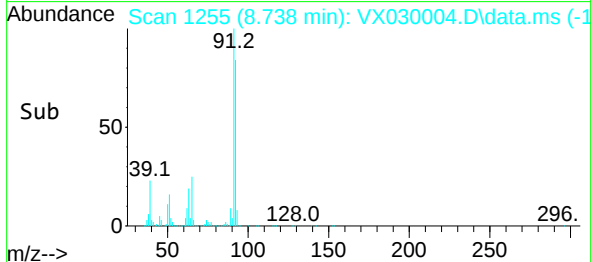
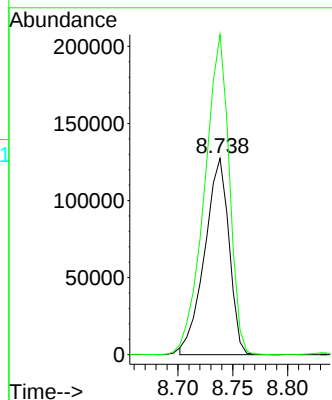
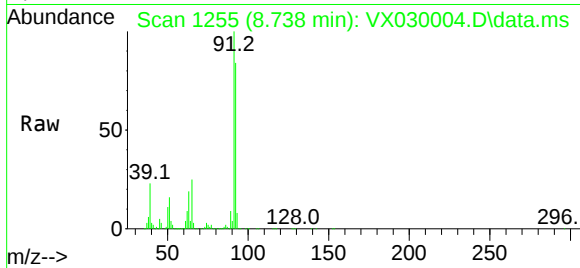




#53  
t-1,3-Dichloropropene  
Concen: 67.907 ug/l  
RT: 8.738 min Scan# 11  
Delta R.T. -0.244 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

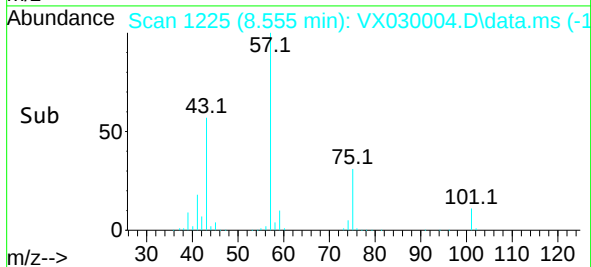
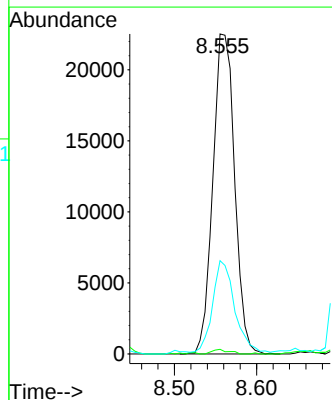
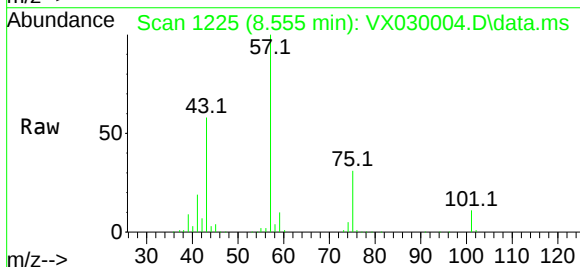
Instrument :  
MSVOA\_X  
ClientSampleId :  
31494

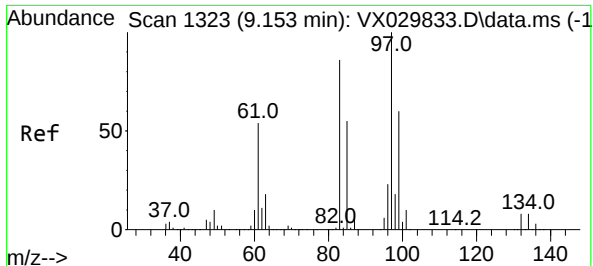
Tgt Ion: 75 Resp: 196593  
Ion Ratio Lower Upper  
75 100  
77 162.8 26.3 39.5#



#54  
cis-1,3-Dichloropropene  
Concen: 12.640 ug/l  
RT: 8.555 min Scan# 1225  
Delta R.T. 0.183 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

Tgt Ion: 75 Resp: 41353  
Ion Ratio Lower Upper  
75 100  
77 1.4 25.0 37.4#  
39 28.5 37.5 56.3#





#55

1,1,2-Trichloroethane

Concen: 6.736 ug/l

RT: 9.019 min Scan# 1

Delta R.T. -0.134 min

Lab File: VX030004.D

Acq: 11 Jul 2022 17:54

Instrument :

MSVOA\_X

ClientSampleId :

31494

Tgt Ion: 97 Resp: 15531

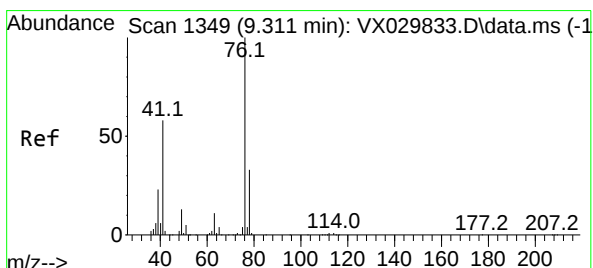
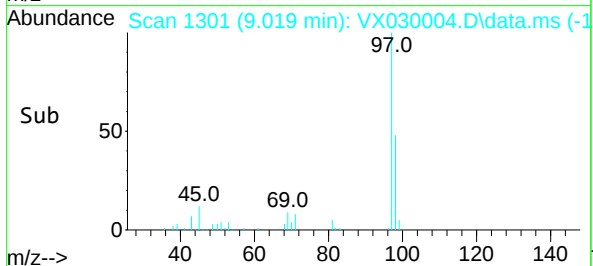
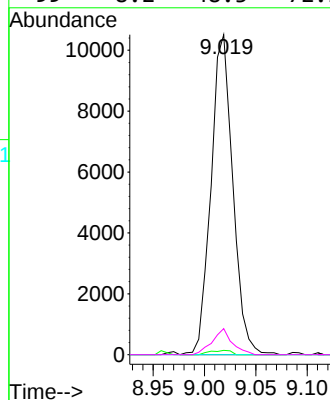
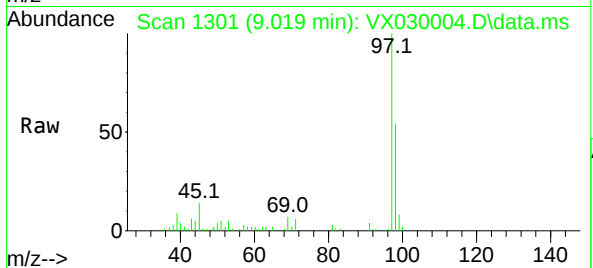
Ion Ratio Lower Upper

97 100

83 1.4 68.9 103.3#

85 0.0 44.0 66.0#

99 8.2 48.3 72.5#



#57

1,3-Dichloropropane

Concen: 1.151 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.177 min

Lab File: VX030004.D

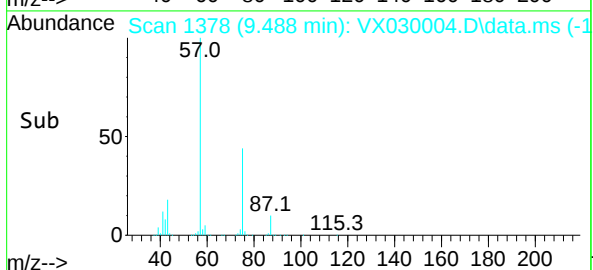
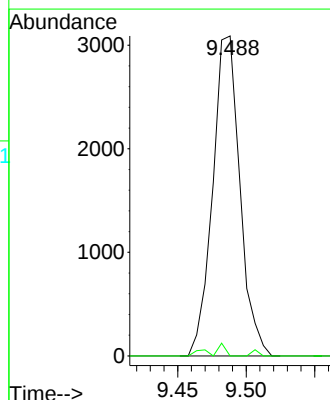
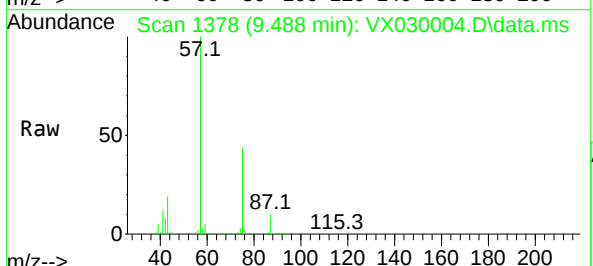
Acq: 11 Jul 2022 17:54

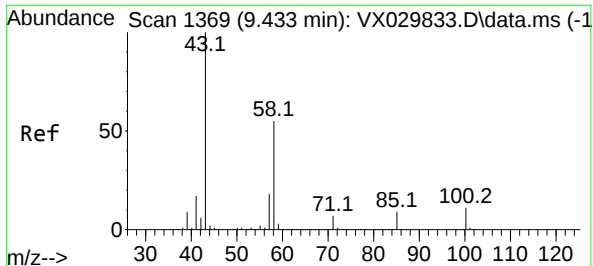
Tgt Ion: 76 Resp: 4269

Ion Ratio Lower Upper

76 100

78 1.1 25.9 38.9#





#59

2-Hexanone

Concen: 18.128 ug/l

RT: 9.488 min Scan# 11

Delta R.T. 0.055 min

Lab File: VX030004.D

Acq: 11 Jul 2022 17:54

Instrument :

MSVOA\_X

ClientSampleId :

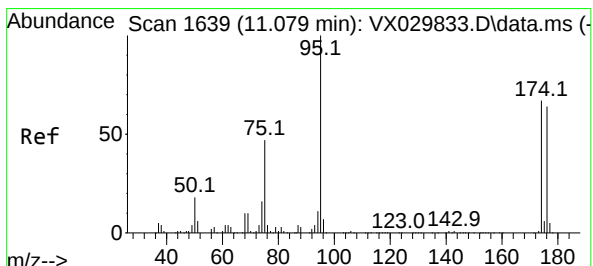
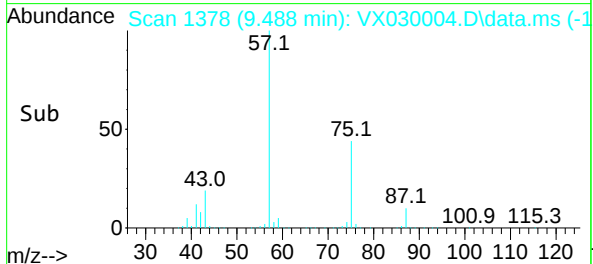
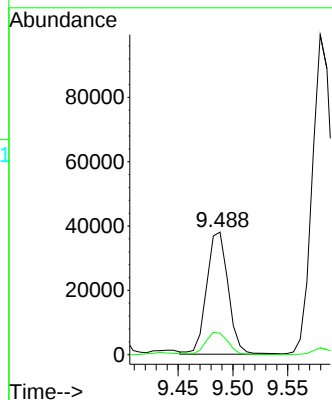
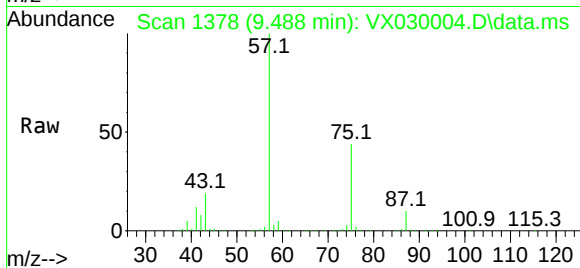
31494

Tgt Ion: 43 Resp: 51820

Ion Ratio Lower Upper

43 100

58 19.2 27.6 82.8#



#62

4-Bromofluorobenzene

Concen: 53.218 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX030004.D

Acq: 11 Jul 2022 17:54

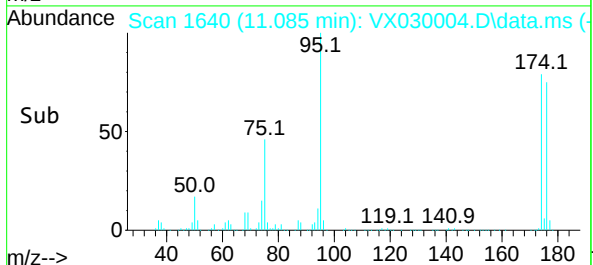
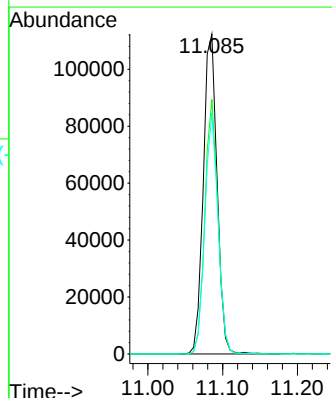
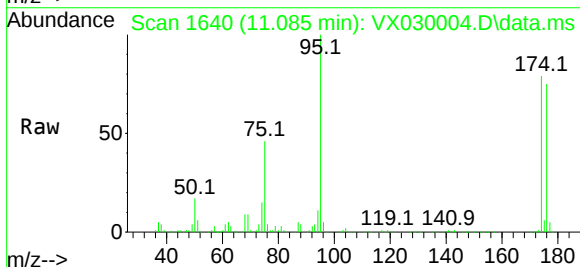
Tgt Ion: 95 Resp: 143922

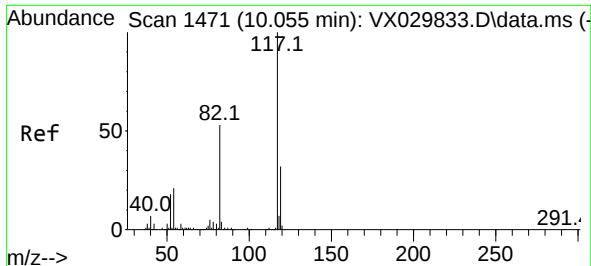
Ion Ratio Lower Upper

95 100

174 75.5 0.0 149.0

176 72.0 0.0 146.0

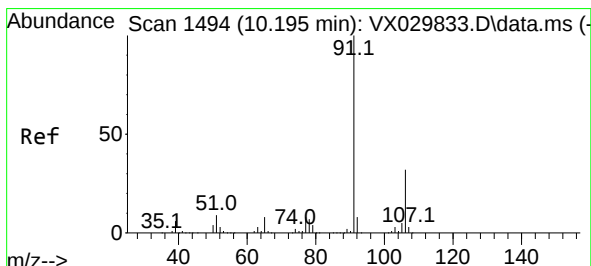
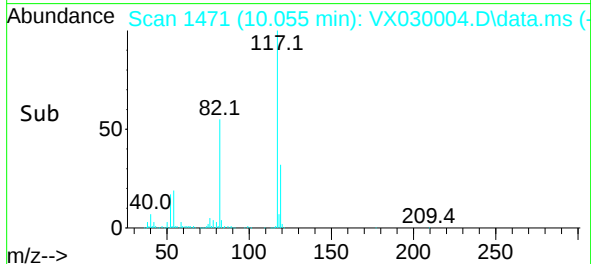
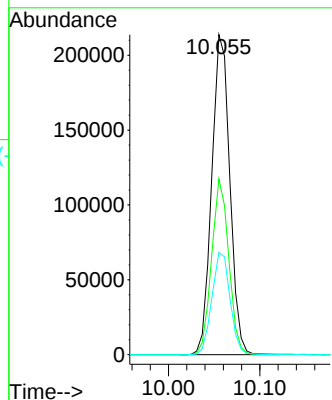
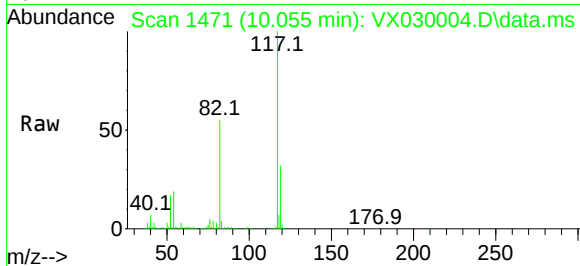




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

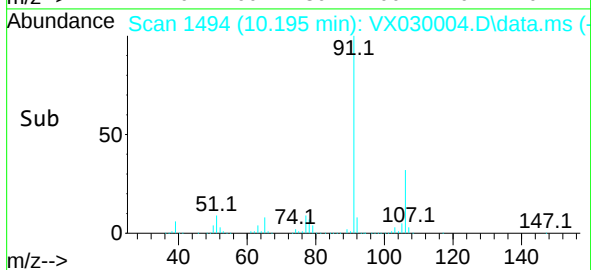
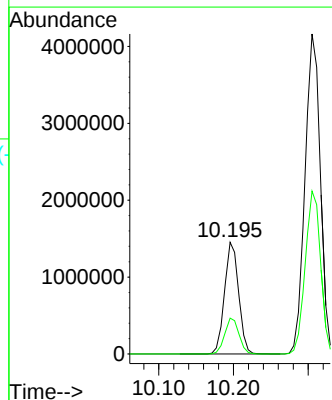
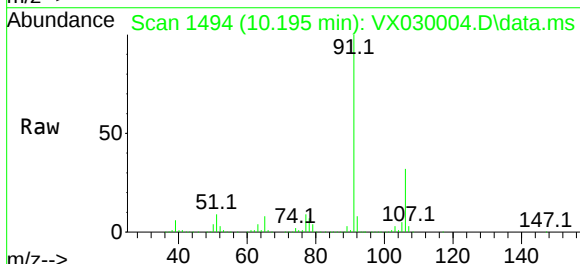
Instrument :  
MSVOA\_X  
ClientSampleId :  
31494

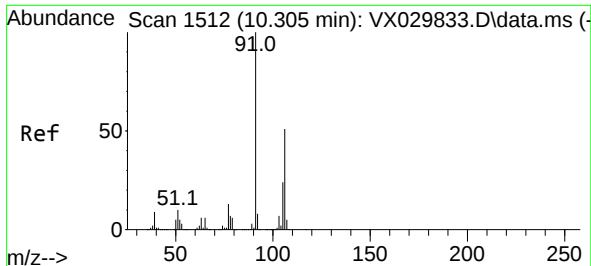
Tgt Ion:117 Resp: 293583  
Ion Ratio Lower Upper  
117 100  
82 55.0 42.7 64.1  
119 31.9 25.4 38.2



#67  
Ethyl Benzene  
Concen: 185.719 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

Tgt Ion: 91 Resp: 1903706  
Ion Ratio Lower Upper  
91 100  
106 32.2 25.5 38.3

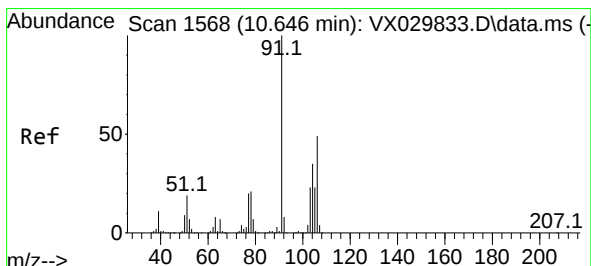
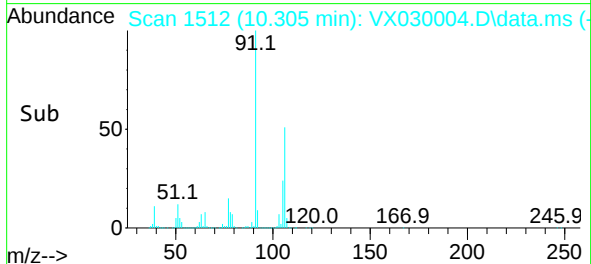
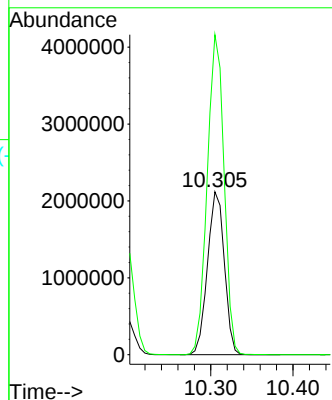
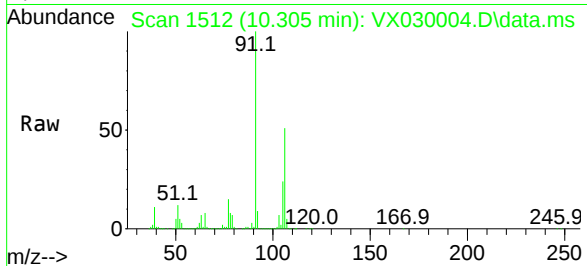




#68  
m/p-Xylenes  
Concen: 766.669 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.000 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

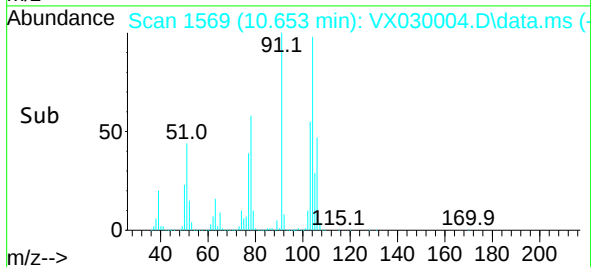
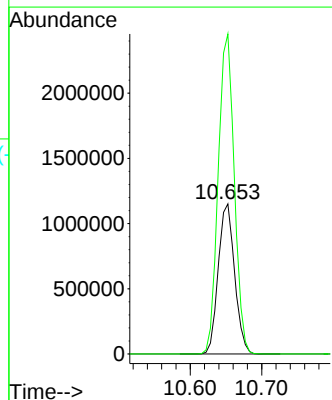
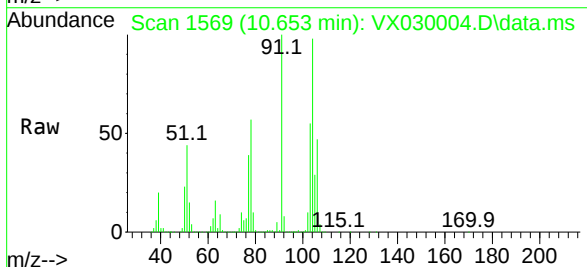
Instrument :  
MSVOA\_X  
ClientSampleId :  
31494

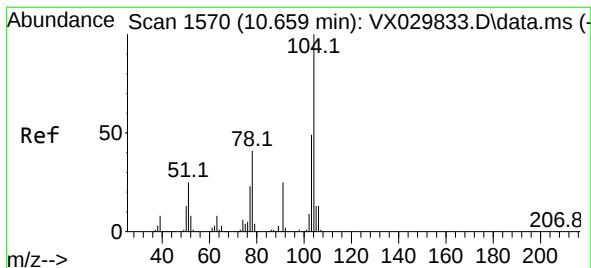
Tgt Ion:106 Resp: 3014063  
Ion Ratio Lower Upper  
106 100  
91 196.2 158.2 237.4



#69  
o-Xylene  
Concen: 458.929 ug/l  
RT: 10.653 min Scan# 1569  
Delta R.T. 0.006 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

Tgt Ion:106 Resp: 1827483  
Ion Ratio Lower Upper  
106 100  
91 209.5 103.8 311.6





#70

Styrene

Concen: 1938.646 ug/l

RT: 10.671 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX030004.D

Acq: 11 Jul 2022 17:54

Instrument :

MSVOA\_X

ClientSampleId :

31494

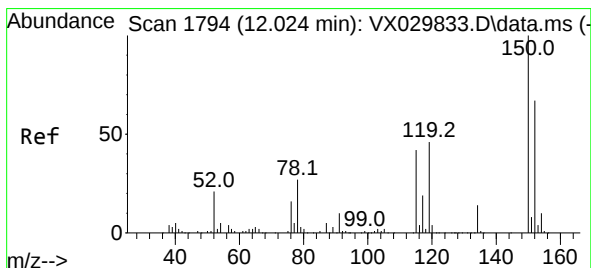
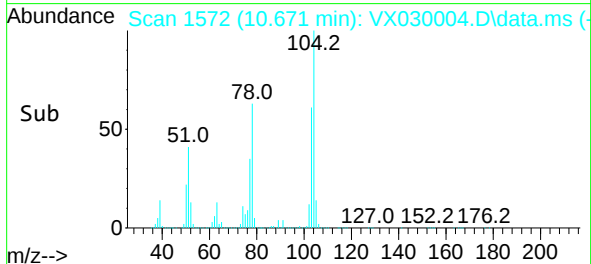
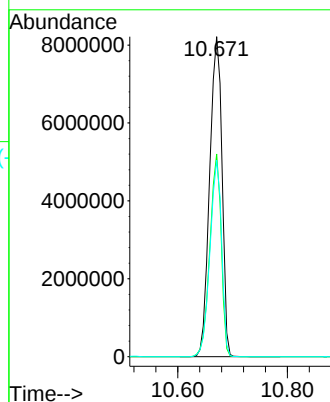
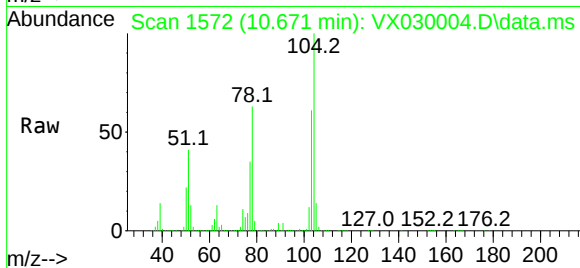
Tgt Ion:104 Resp:12760746

Ion Ratio Lower Upper

104 100

78 58.2 37.8 56.8#

103 58.1 44.5 66.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX030004.D

Acq: 11 Jul 2022 17:54

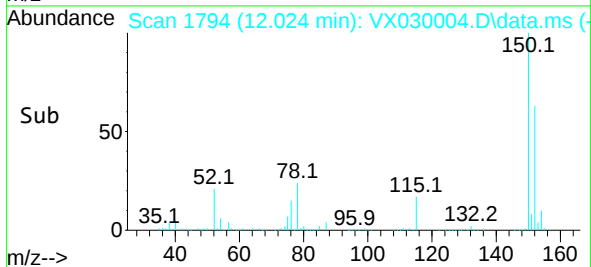
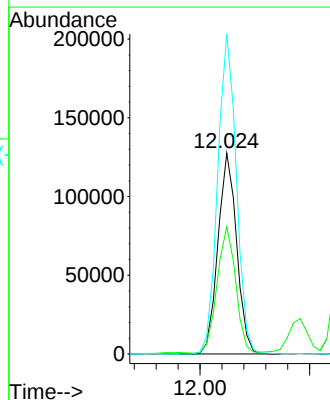
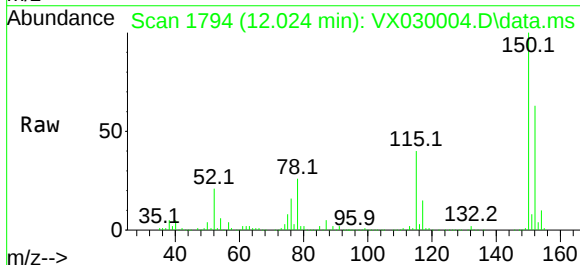
Tgt Ion:152 Resp: 151254

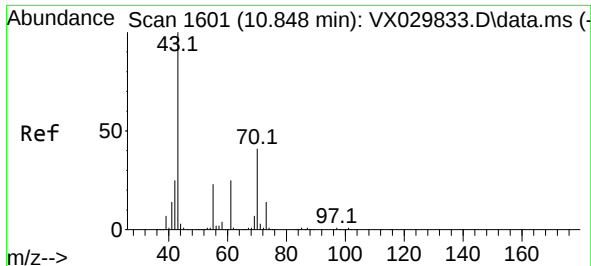
Ion Ratio Lower Upper

152 100

115 62.4 40.5 121.5

150 158.8 0.0 347.0

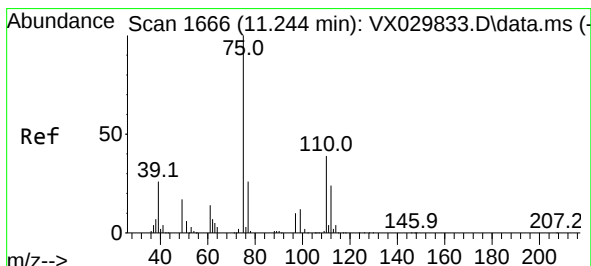
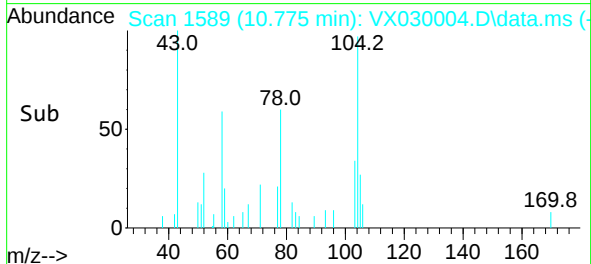
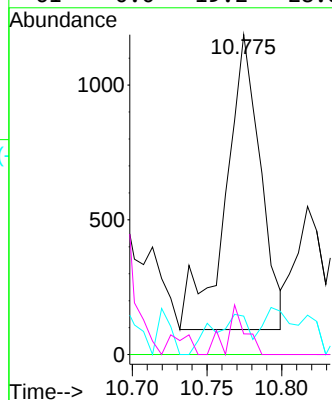
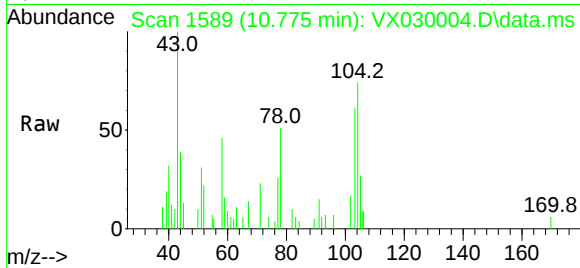




#74  
N-amy1 acetate  
Concen: 0.328 ug/l  
RT: 10.775 min Scan# 1589  
Delta R.T. -0.073 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

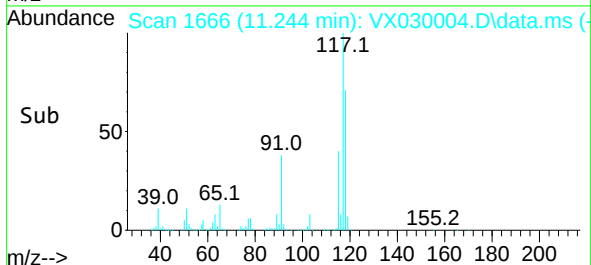
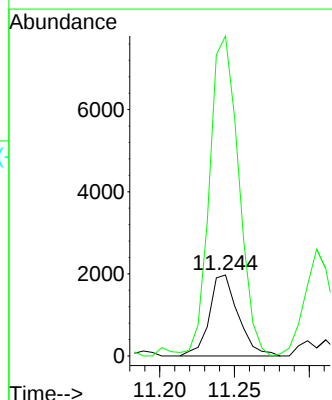
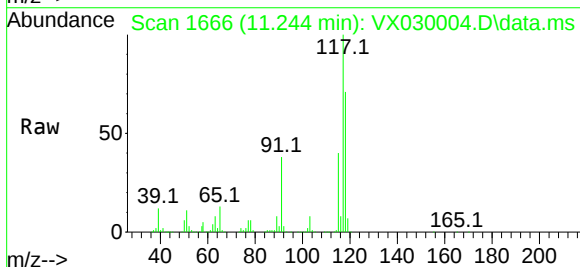
Instrument :  
MSVOA\_X  
ClientSampleId :  
31494

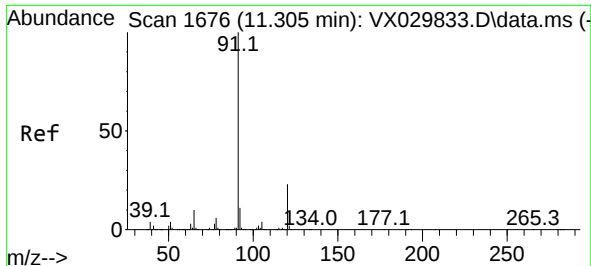
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 1775  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 70 0.0      | 32.3 48.5#  |
| 55 14.3     | 18.4 27.6#  |
| 61 0.0      | 19.2 28.8#  |



#76  
1,2,3-Trichloropropane  
Concen: 0.730 ug/l  
RT: 11.244 min Scan# 1666  
Delta R.T. 0.000 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

|             |             |
|-------------|-------------|
| Tgt Ion: 75 | Resp: 2644  |
| Ion Ratio   | Lower Upper |
| 75 100      |             |
| 77 399.5    | 19.8 59.3#  |

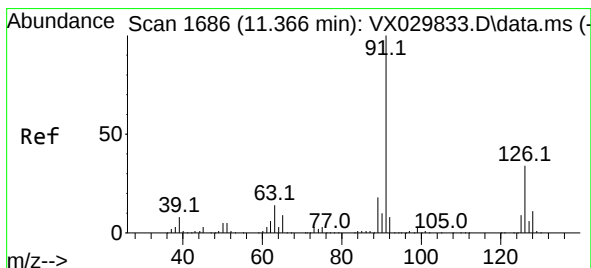
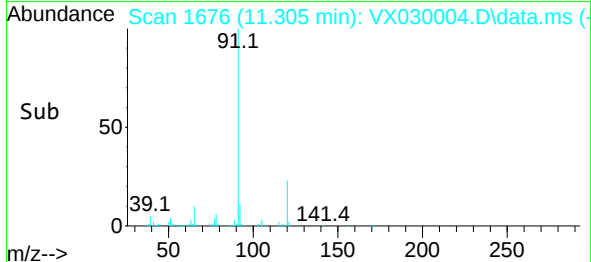
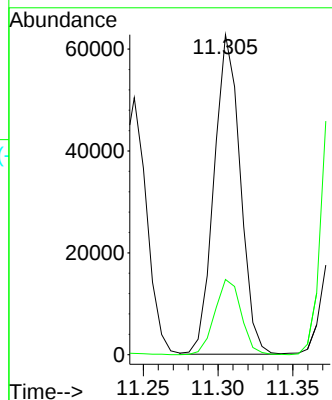
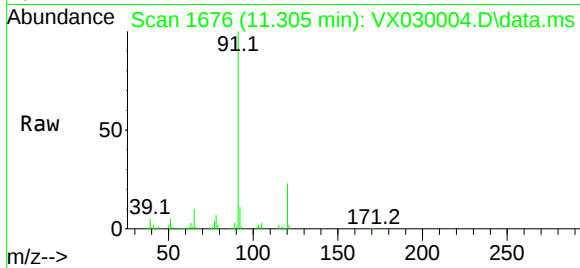




#78  
n-propylbenzene  
Concen: 5.927 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

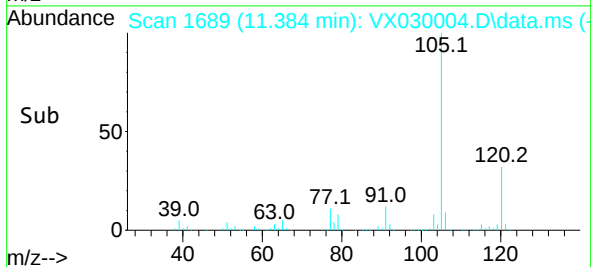
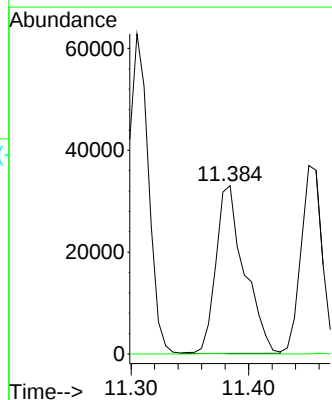
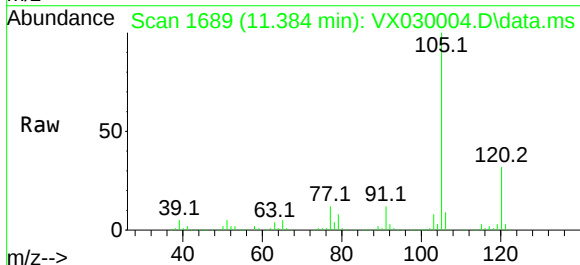
Instrument :  
MSVOA\_X  
ClientSampleId :  
31494

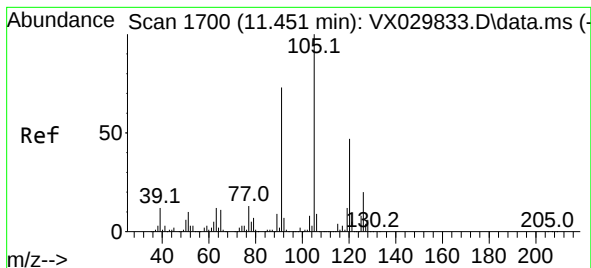
Tgt Ion: 91 Resp: 76504  
Ion Ratio Lower Upper  
91 100  
120 23.7 11.6 34.8



#79  
2-Chlorotoluene  
Concen: 7.224 ug/l  
RT: 11.384 min Scan# 1689  
Delta R.T. 0.018 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

Tgt Ion: 91 Resp: 55442  
Ion Ratio Lower Upper  
91 100  
126 0.0 17.4 52.3#





#80

1,3,5-Trimethylbenzene

Concen: 48.955 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030004.D

Acq: 11 Jul 2022 17:54

Instrument :

MSVOA\_X

ClientSampleId :

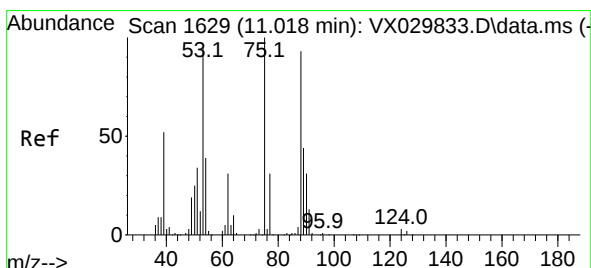
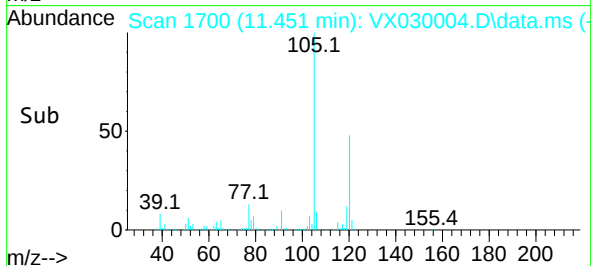
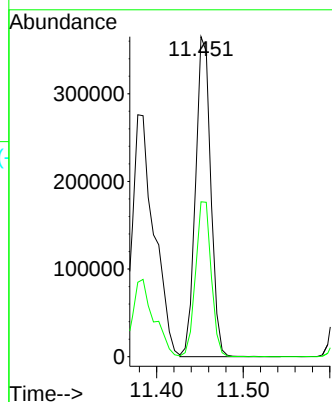
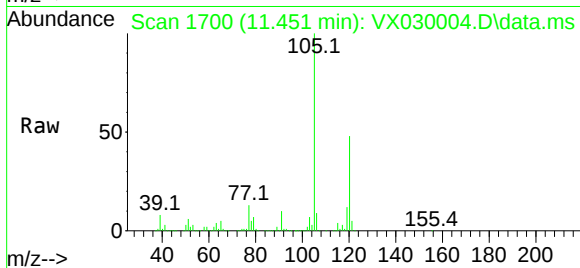
31494

Tgt Ion:105 Resp: 444793

Ion Ratio Lower Upper

105 100

120 49.8 24.4 73.2



#81

trans-1,4-Dichloro-2-butene

Concen: 60.454 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.067 min

Lab File: VX030004.D

Acq: 11 Jul 2022 17:54

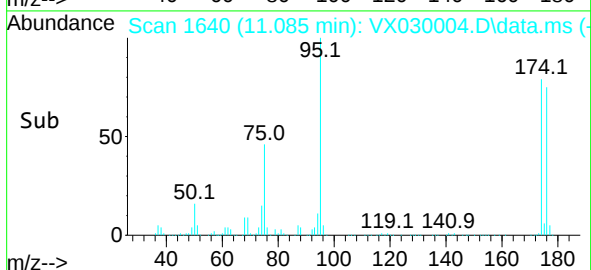
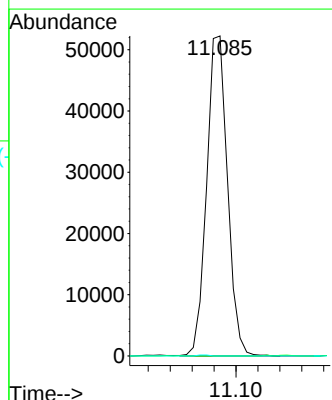
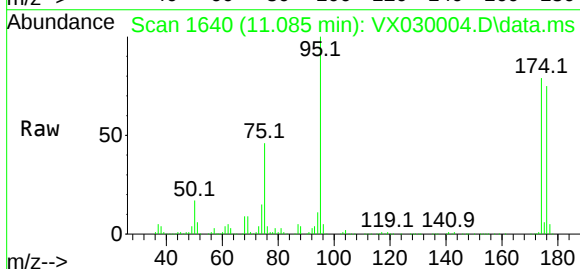
Tgt Ion: 75 Resp: 68926

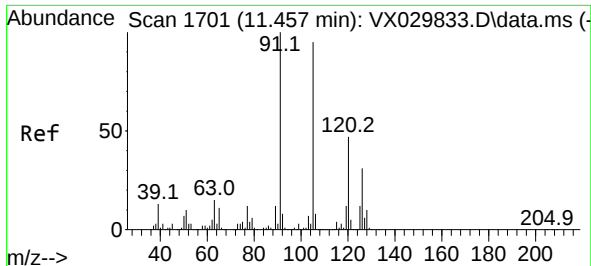
Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.4#

89 0.0 34.8 52.2#

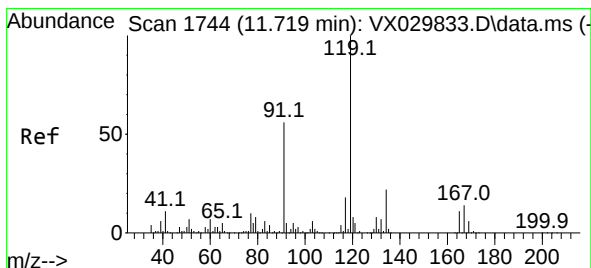
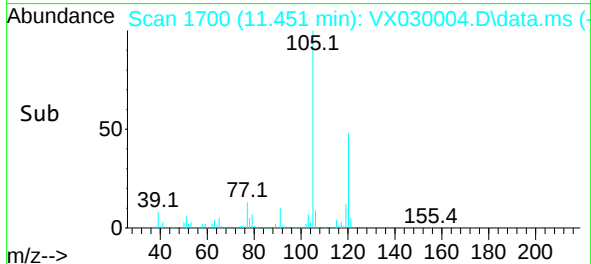
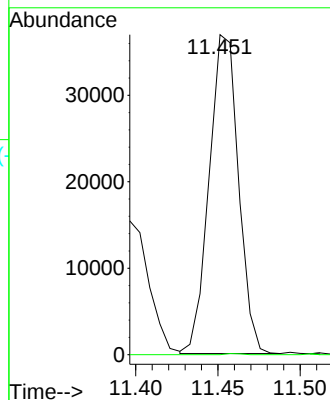
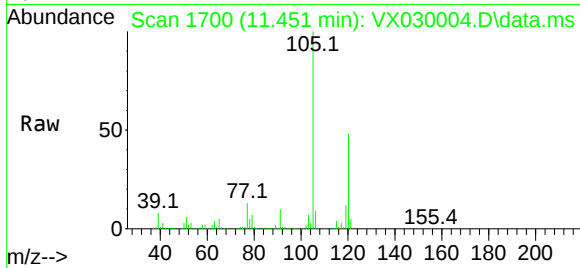




#82  
4-Chlorotoluene  
Concen: 5.241 ug/l  
RT: 11.451 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

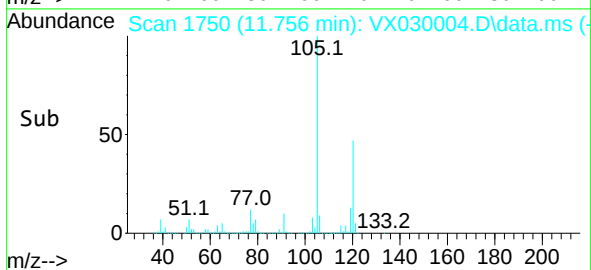
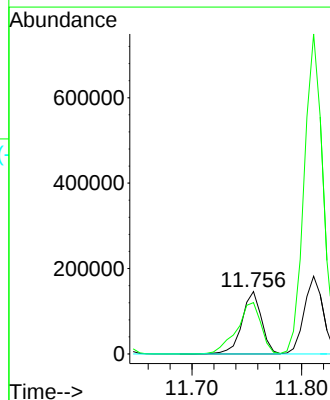
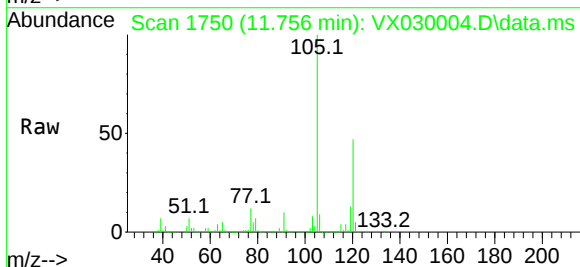
Instrument :  
MSVOA\_X  
ClientSampleId :  
31494

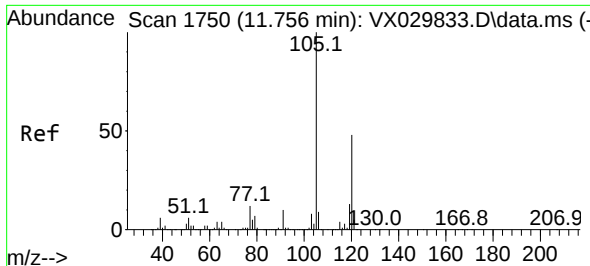
Tgt Ion: 91 Resp: 45820  
Ion Ratio Lower Upper  
91 100  
126 0.2 15.3 45.9#



#83  
tert-Butylbenzene  
Concen: 20.082 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. 0.037 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

Tgt Ion: 119 Resp: 180830  
Ion Ratio Lower Upper  
119 100  
91 102.4 28.3 84.9#  
134 0.0 11.2 33.5#

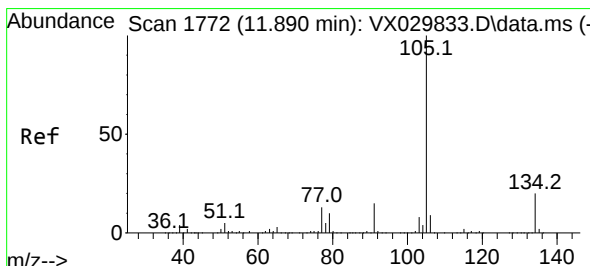
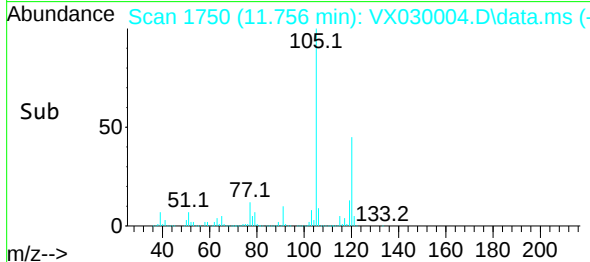
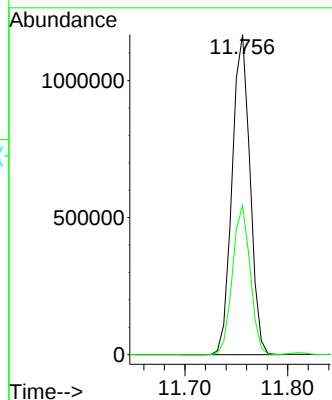
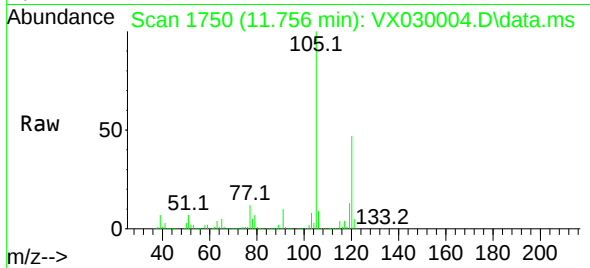




#84  
1,2,4-Trimethylbenzene  
Concen: 155.020 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. 0.000 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

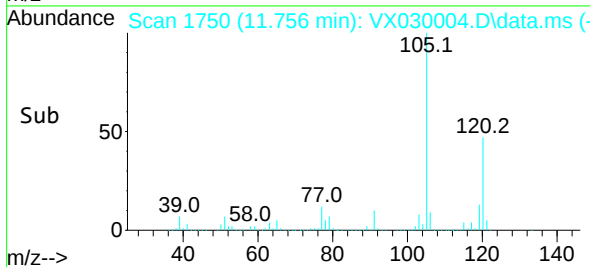
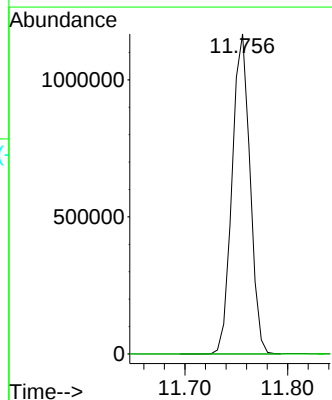
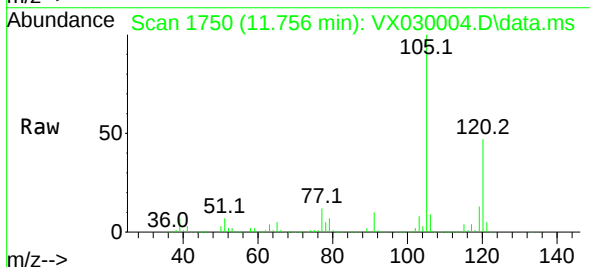
Instrument :  
MSVOA\_X  
ClientSampleId :  
31494

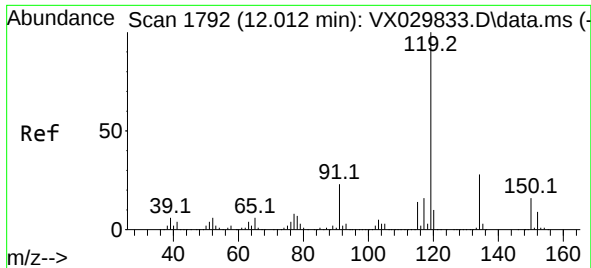
Tgt Ion:105 Resp: 1410940  
Ion Ratio Lower Upper  
105 100  
120 46.1 22.9 68.8



#85  
sec-Butylbenzene  
Concen: 124.346 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. -0.134 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

Tgt Ion:105 Resp: 1410940  
Ion Ratio Lower Upper  
105 100  
134 0.0 10.0 30.0#

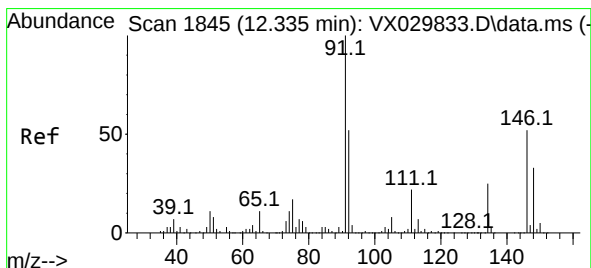
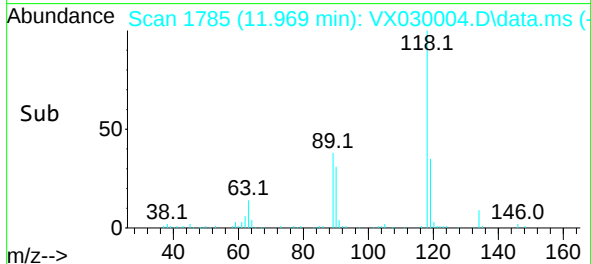
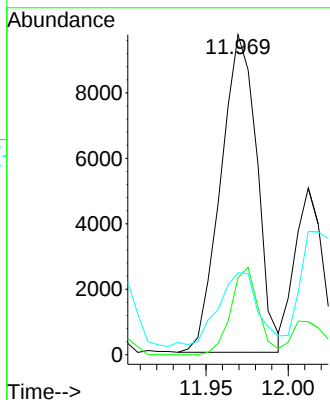
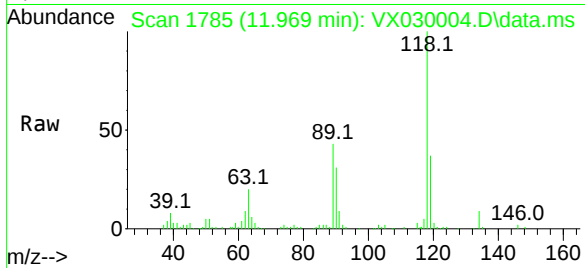




#86  
p-Isopropyltoluene  
Concen: 1.642 ug/l  
RT: 11.969 min Scan# 11  
Delta R.T. -0.043 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

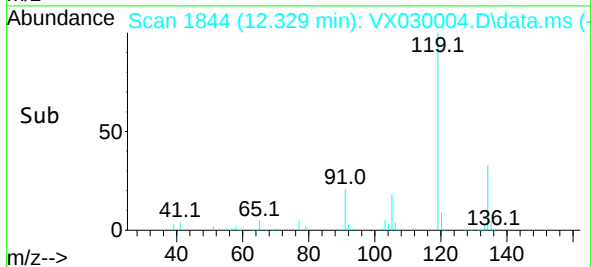
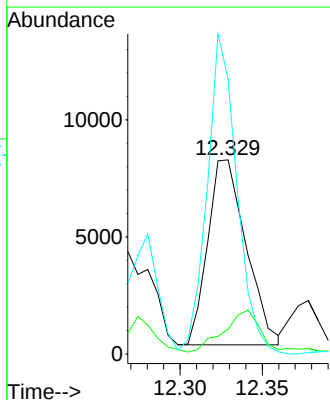
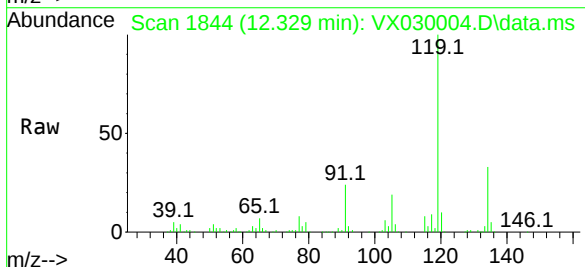
Instrument :  
MSVOA\_X  
ClientSampleId :  
31494

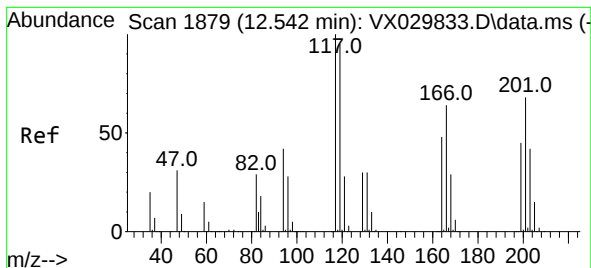
Tgt Ion:119 Resp: 14875  
Ion Ratio Lower Upper  
119 100  
134 20.9 13.9 41.6  
91 0.0 11.8 35.3#



#89  
n-Butylbenzene  
Concen: 1.506 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. -0.006 min  
Lab File: VX030004.D  
Acq: 11 Jul 2022 17:54

Tgt Ion: 91 Resp: 12823  
Ion Ratio Lower Upper  
91 100  
92 22.6 26.2 78.5#  
134 134.2 12.6 37.8#





#90

Hexachloroethane

Concen: 1507.818 ug/l

RT: 12.427 min Scan# 117

Delta R.T. -0.116 min

Lab File: VX030004.D

Acq: 11 Jul 2022 17:54

Instrument :

MSVOA\_X

ClientSampleId :

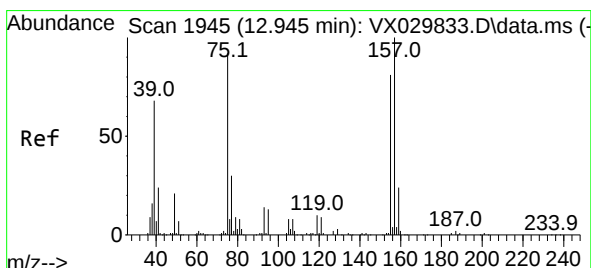
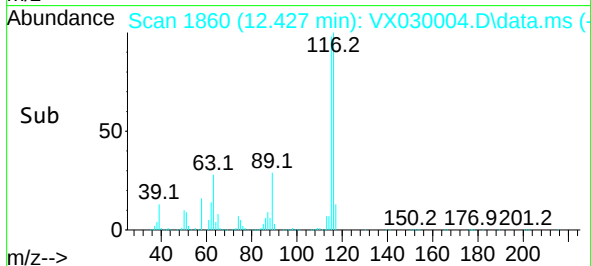
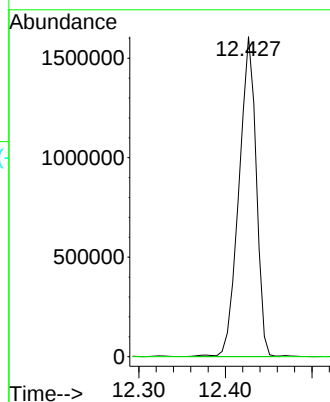
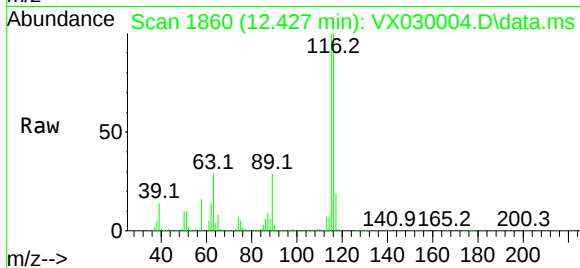
31494

Tgt Ion:117 Resp: 2227587

Ion Ratio Lower Upper

117 100

201 0.0 34.2 102.5#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.713 ug/l

RT: 12.927 min Scan# 1942

Delta R.T. -0.018 min

Lab File: VX030004.D

Acq: 11 Jul 2022 17:54

Tgt Ion: 75 Resp: 642

Ion Ratio Lower Upper

75 100

155 0.0 45.0 134.8#

157 0.0 56.9 170.7#

