

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW042222\  
 Data File : VW025692.D  
 Acq On : 22 Apr 2022 19:49  
 Operator : SY/MD  
 Sample : N2492-18  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW6W6

Quant Time: Apr 23 02:02:16 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Apr 23 01:57:52 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc Units | Dev(Min) |
|----------------------------|--------|------|----------|------------|----------|
| -----                      |        |      |          |            |          |
| Internal Standards         |        |      |          |            |          |
| 1) 1,4-Difluorobenzene     | 5.619  | 114  | 152333   | 5.000 ug/L | 0.00     |
| 28) Chlorobenzene-d5       | 8.854  | 117  | 151802   | 5.000 ug/L | 0.00     |
| 58) 1,4-Dichlorobenzene-d4 | 11.249 | 152  | 67519    | 5.000 ug/L | 0.00     |

|                               |        |                |          |             |      |
|-------------------------------|--------|----------------|----------|-------------|------|
| System Monitoring Compounds   |        |                |          |             |      |
| 4) Vinyl Chloride-d3          | 1.311  | 65             | 86930    | 6.138 ug/L  | 0.00 |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | = 122.800%  |      |
| 7) Chloroethane-d5            | 1.571  | 69             | 78749    | 5.227 ug/L  | 0.00 |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | = 104.600%  |      |
| 11) 1,1-Dichloroethene-d2     | 2.111  | 63             | 124460   | 4.387 ug/L  | 0.00 |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | = 87.800%   |      |
| 20) 2-Butanone-d5             | 3.899  | 46             | 109788   | 63.729 ug/L | 0.00 |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | = 127.460%  |      |
| 24) Chloroform-d              | 4.352  | 84             | 125957   | 5.886 ug/L  | 0.00 |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | = 117.800%  |      |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65             | 60367    | 6.546 ug/L  | 0.00 |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | = 131.000%# |      |
| 32) Benzene-d6                | 5.053  | 84             | 260132   | 5.923 ug/L  | 0.00 |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | = 118.400%  |      |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67             | 78490    | 6.408 ug/L  | 0.00 |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | = 128.200%  |      |
| 41) Toluene-d8                | 7.317  | 98             | 219672   | 5.389 ug/L  | 0.00 |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | = 107.800%  |      |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 23999    | 5.829 ug/L  | 0.00 |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | = 116.600%  |      |
| 46) 2-Hexanone-d5             | 8.088  | 63             | 94171    | 65.170 ug/L | 0.00 |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | = 130.340%# |      |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84             | 43716    | 5.649 ug/L  | 0.00 |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | = 113.000%  |      |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152            | 65549    | 5.790 ug/L  | 0.00 |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | = 115.800%  |      |

|                               |        |     |        |               |     |
|-------------------------------|--------|-----|--------|---------------|-----|
| Target Compounds              |        |     |        | Qvalue        |     |
| 5) Vinyl chloride             | 1.314  | 62  | 858    | 0.051 ug/L #  | 1   |
| 12) 1,1-Dichloroethene        | 2.121  | 96  | 2403   | 0.182 ug/L #  | 1   |
| 15) Methyl Acetate            | 2.439  | 43  | 766    | 0.295 ug/L #  | 43  |
| 18) trans-1,2-Dichloroethene  | 2.773  | 96  | 411    | 0.037 ug/L    | 91  |
| 22) cis-1,2-Dichloroethene    | 3.921  | 96  | 14161  | 1.215 ug/L    | 84  |
| 25) Chloroform                | 4.391  | 83  | 1553   | 0.078 ug/L    | 77  |
| 33) Benzene                   | 5.108  | 78  | 5222   | 0.116 ug/L    | 100 |
| 34) Trichloroethene           | 5.915  | 95  | 204316 | 17.160 ug/L   | 99  |
| 35) Methylcyclohexane         | 6.124  | 83  | 1746   | 0.092 ug/L    | 88  |
| 37) 1,2-Dichloropropane       | 6.072  | 63  | 8897   | 0.858 ug/L #  | 86  |
| 39) cis-1,3-Dichloropropene   | 6.986  | 75  | 2052   | 0.151 ug/L    | 88  |
| 42) Toluene                   | 7.397  | 91  | 16493  | 0.338 ug/L    | 92  |
| 44) trans-1,3-Dichloropropene | 7.625  | 75  | 1152   | 0.109 ug/L #  | 80  |
| 45) 1,1,2-Trichloroethane     | 7.992  | 97  | 217121 | 31.254 ug/L # | 4   |
| 52) Ethylbenzene              | 9.021  | 91  | 5836   | 0.112 ug/L    | 94  |
| 53) m,p-Xylene                | 9.146  | 106 | 1986   | 0.100 ug/L    | 90  |
| 60) Isopropylbenzene          | 10.452 | 105 | 1397   | 0.033 ug/L #  | 72  |
| 61) 1,2,3-Trichloropropane    | 10.011 | 75  | 326    | 0.073 ug/L #  | 37  |
| 62) 1,3,5-Trimethylbenzene    | 10.918 | 105 | 1726   | 0.093 ug/L    | 94  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV042222\  
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Sample : N2492-18  
Misc : 25mL/MSVOA\_V/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EW6W6

Quant Time: Apr 23 02:02:16 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040822WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sat Apr 23 01:57:52 2022  
Response via : Initial Calibration

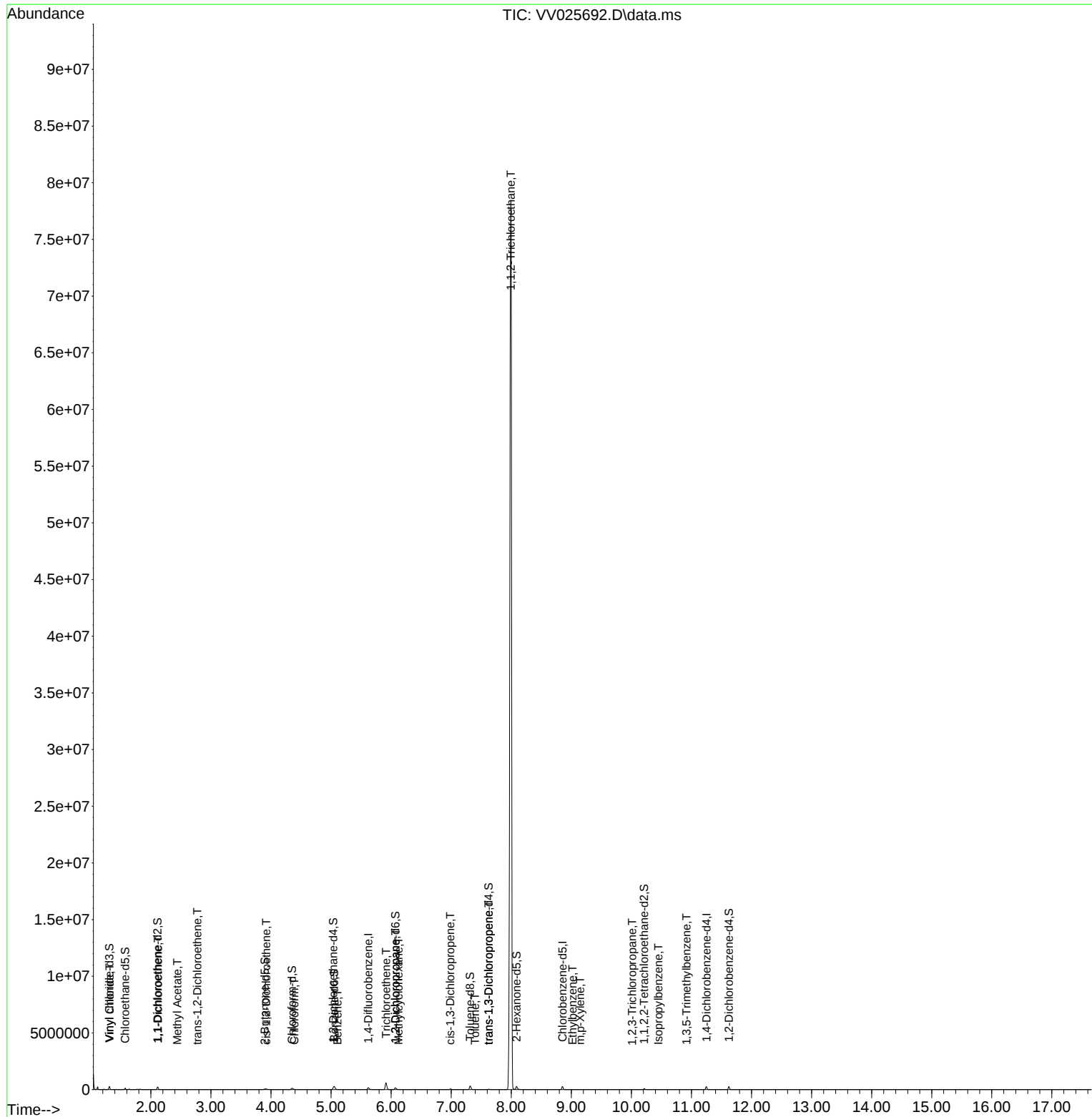
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
| -----    |      |      |          |      |       |          |
| -----    |      |      |          |      |       |          |

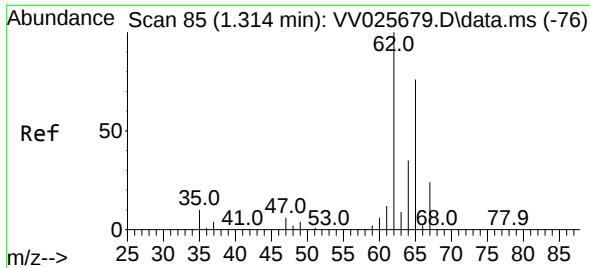
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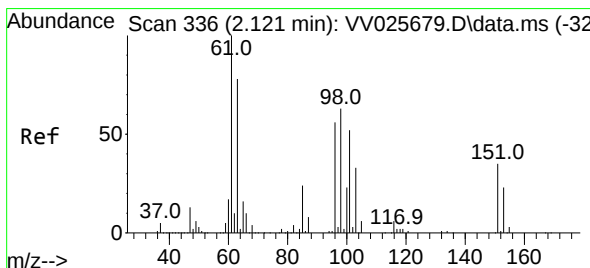
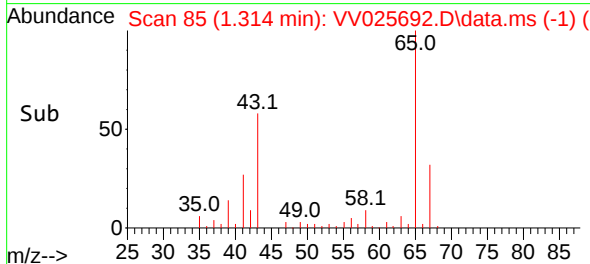
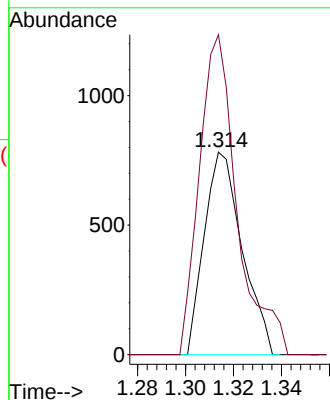
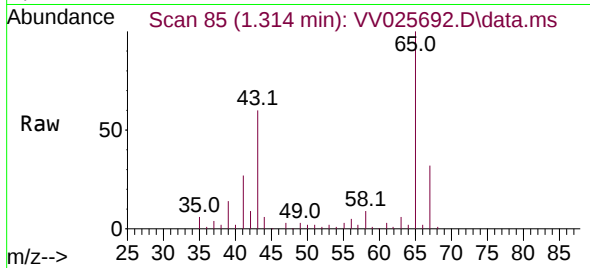




#5  
 Vinyl chloride  
 Concen: 0.051 ug/L  
 RT: 1.314 min Scan# 85  
 Delta R.T. 0.000 min  
 Lab File: VV025692.D  
 Acq: 22 Apr 2022 19:49

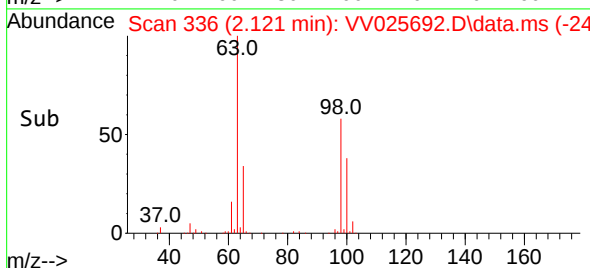
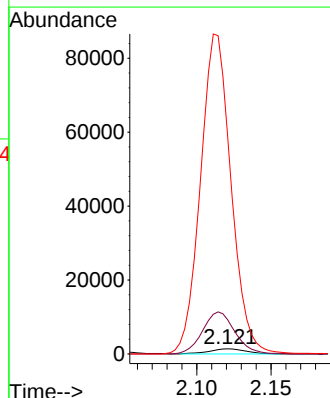
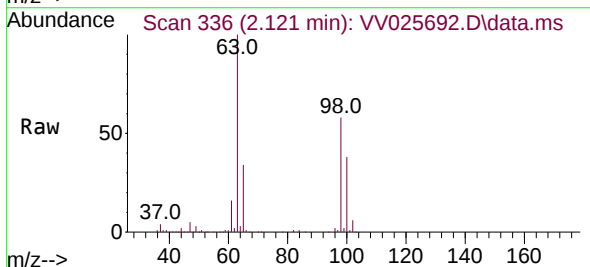
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
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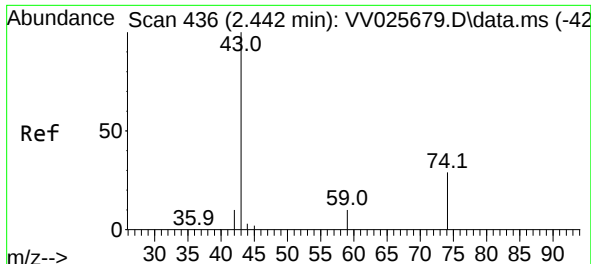
Tgt Ion: 62 Resp: 858  
 Ion Ratio Lower Upper  
 62 100  
 64 157.9 23.2 43.2#



#12  
 1,1-Dichloroethene  
 Concen: 0.182 ug/L  
 RT: 2.121 min Scan# 336  
 Delta R.T. 0.000 min  
 Lab File: VV025692.D  
 Acq: 22 Apr 2022 19:49

Tgt Ion: 96 Resp: 2403  
 Ion Ratio Lower Upper  
 96 100  
 61 659.5 125.2 232.4#  
 63 4193.3 114.4 212.4#

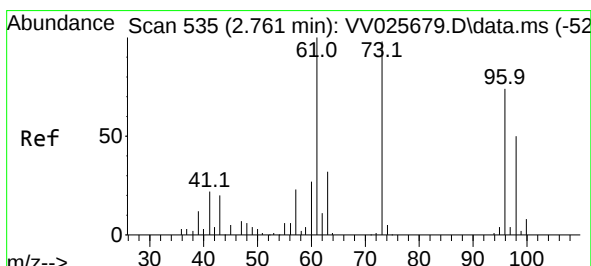
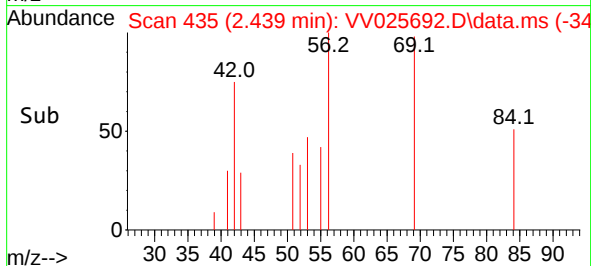
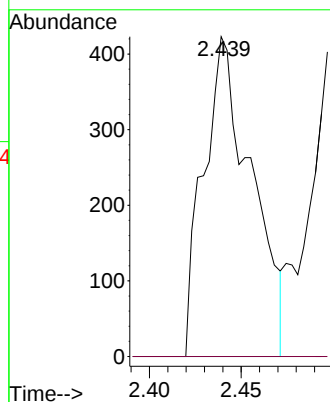
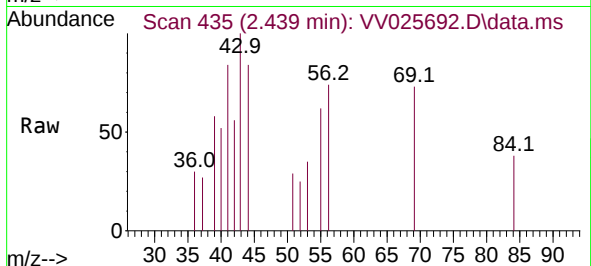




#15  
Methyl Acetate  
Concen: 0.295 ug/L  
RT: 2.439 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VV025692.D  
Acq: 22 Apr 2022 19:49

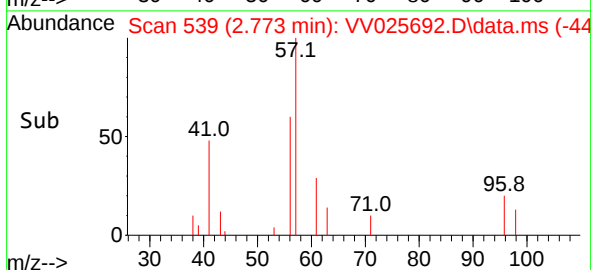
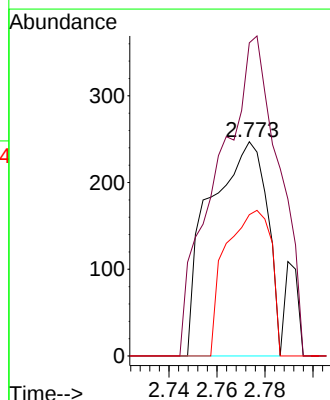
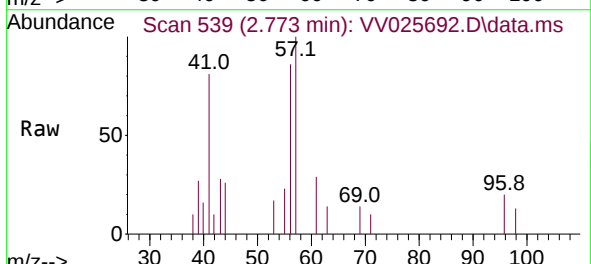
Instrument :  
MSVOA\_V  
ClientSampleId :  
EW6W6

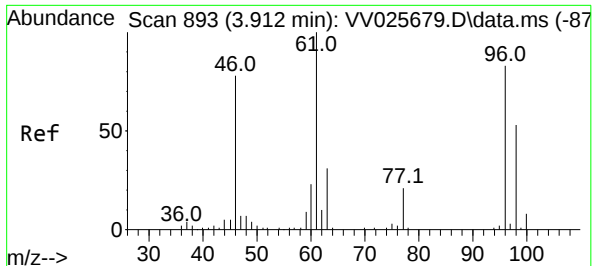
Tgt Ion: 43 Resp: 766  
Ion Ratio Lower Upper  
43 100  
74 0.0 25.2 37.8#



#18  
trans-1,2-Dichloroethene  
Concen: 0.037 ug/L  
RT: 2.773 min Scan# 539  
Delta R.T. 0.013 min  
Lab File: VV025692.D  
Acq: 22 Apr 2022 19:49

Tgt Ion: 96 Resp: 411  
Ion Ratio Lower Upper  
96 100  
61 146.2 92.1 171.1  
98 66.0 47.5 88.1

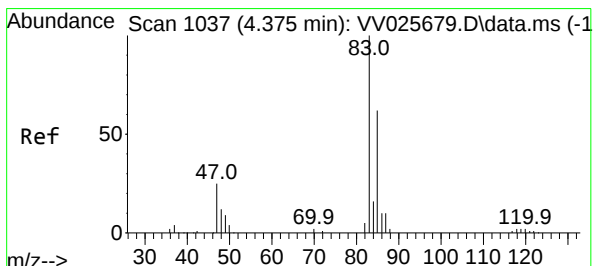
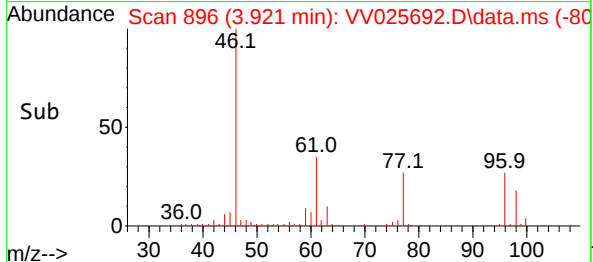
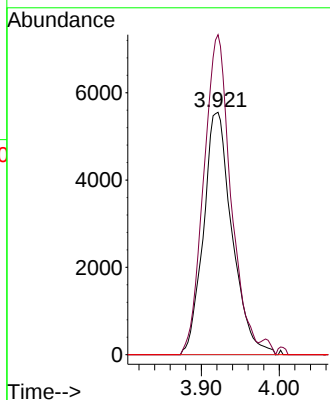
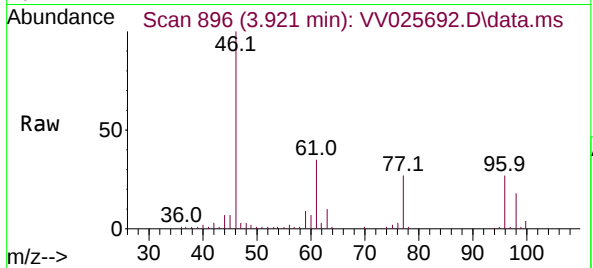




#22  
 cis-1,2-Dichloroethene  
 Concen: 1.215 ug/L  
 RT: 3.921 min Scan# 893  
 Delta R.T. 0.010 min  
 Lab File: VV025692.D  
 Acq: 22 Apr 2022 19:49

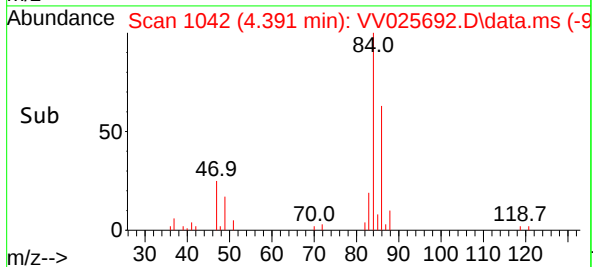
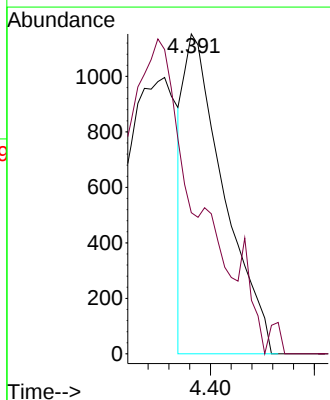
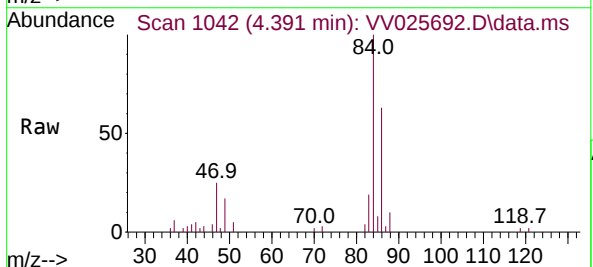
Instrument :  
 MSVOA\_V  
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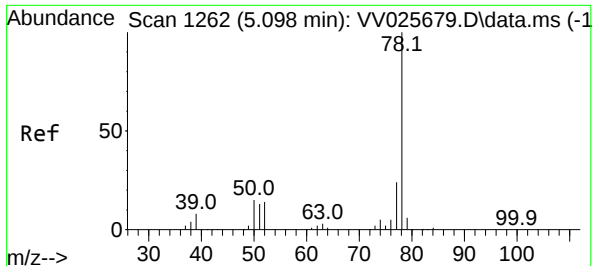
|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 14161 |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 61 132.0    | 80.0 148.6  |
| 68 0.0      | 0.0 0.0     |



#25  
 Chloroform  
 Concen: 0.078 ug/L  
 RT: 4.391 min Scan# 1042  
 Delta R.T. 0.019 min  
 Lab File: VV025692.D  
 Acq: 22 Apr 2022 19:49

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 1553  |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 85 44.1     | 43.5 80.7   |

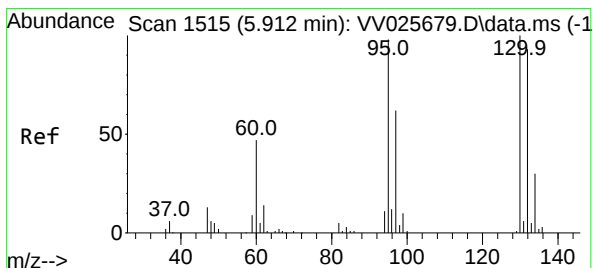
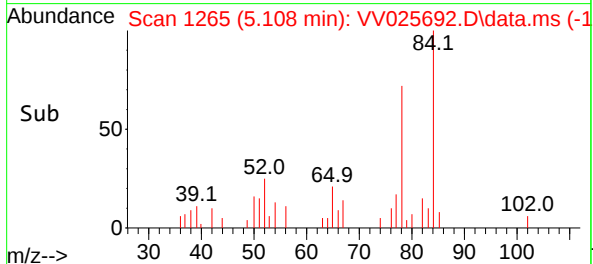
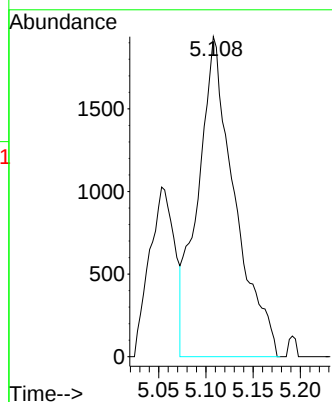
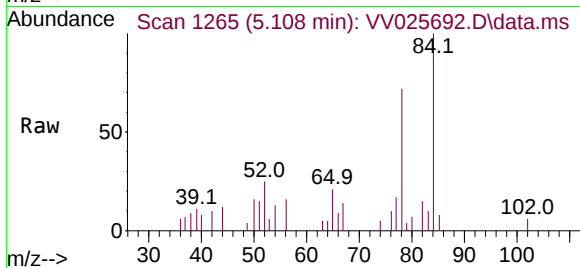




#33  
Benzene  
Concen: 0.116 ug/L  
RT: 5.108 min Scan# 11  
Delta R.T. 0.013 min  
Lab File: VV025692.D  
Acq: 22 Apr 2022 19:49

Instrument :  
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ClientSampleId :  
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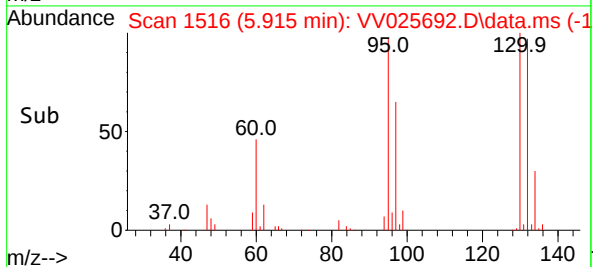
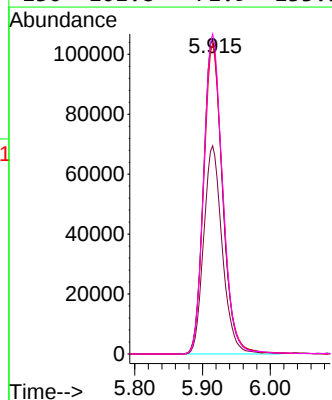
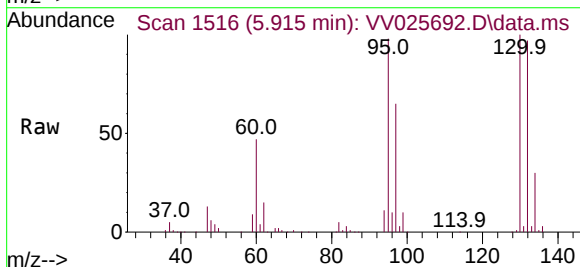
Tgt Ion: 78 Resp: 5222

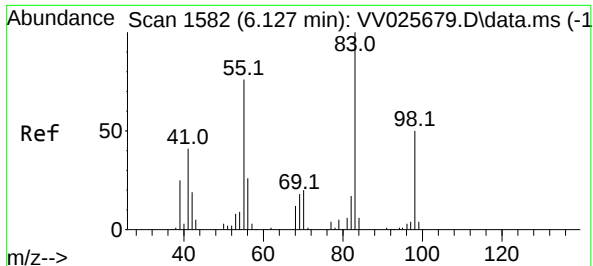


#34  
Trichloroethene  
Concen: 17.160 ug/L  
RT: 5.915 min Scan# 1516  
Delta R.T. 0.003 min  
Lab File: VV025692.D  
Acq: 22 Apr 2022 19:49

Tgt Ion: 95 Resp: 204316

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 66.2  | 45.8  | 85.2  |
| 132 | 98.7  | 68.0  | 126.4 |
| 130 | 101.8 | 71.9  | 133.5 |

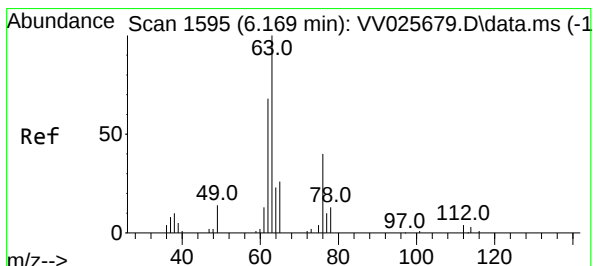
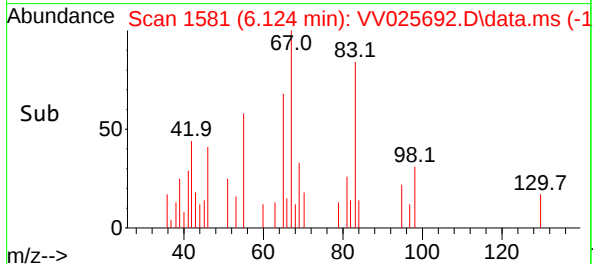
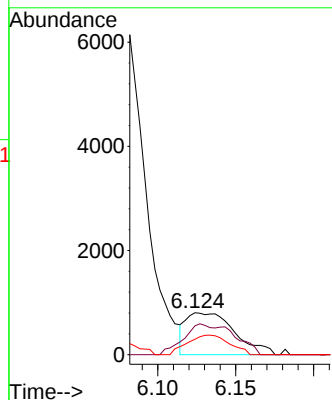
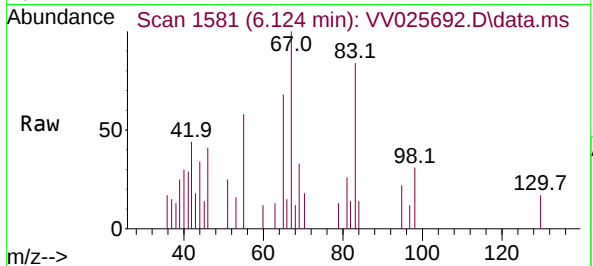




#35  
Methylcyclohexane  
Concen: 0.092 ug/L  
RT: 6.124 min Scan# 1582  
Delta R.T. -0.003 min  
Lab File: VV025692.D  
Acq: 22 Apr 2022 19:49

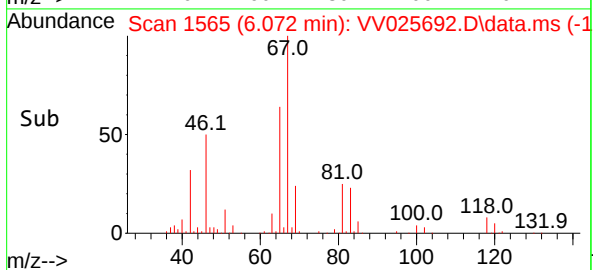
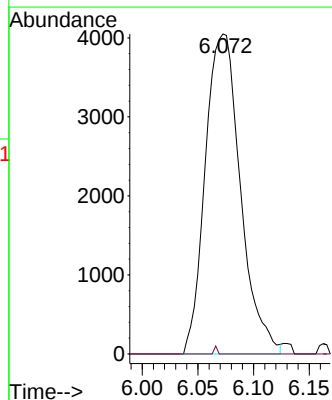
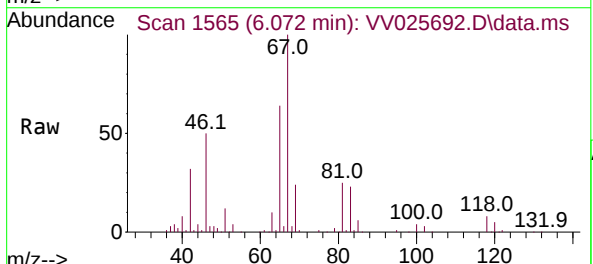
Instrument :  
MSVOA\_V  
ClientSampleId :  
EW6W6

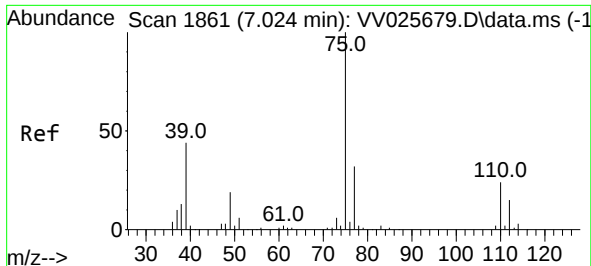
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|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 1746  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 76.3  | 53.7  | 80.5  |
| 98       | 40.3  | 39.6  | 59.4  |



#37  
1,2-Dichloropropane  
Concen: 0.858 ug/L  
RT: 6.072 min Scan# 1565  
Delta R.T. -0.096 min  
Lab File: VV025692.D  
Acq: 22 Apr 2022 19:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 8897  |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 112      | 0.2   | 3.8   | 5.8   |





#39

cis-1,3-Dichloropropene

Concen: 0.151 ug/L

RT: 6.986 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV025692.D

Acq: 22 Apr 2022 19:49

Instrument :

MSVOA\_V

ClientSampleId :

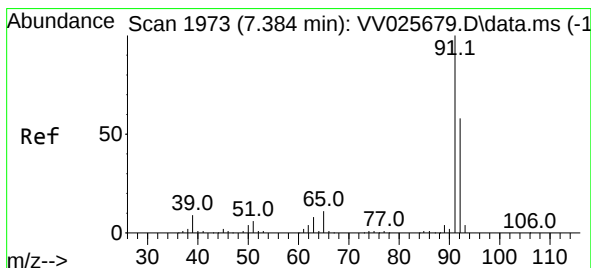
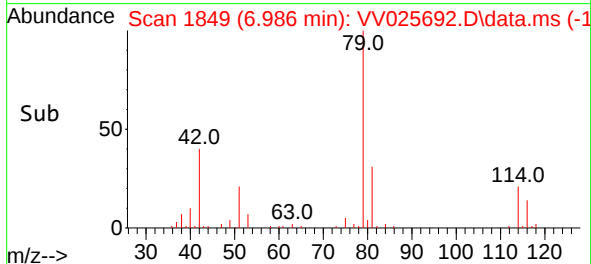
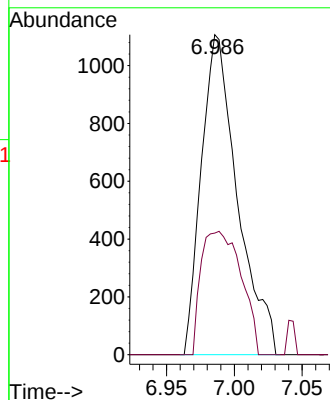
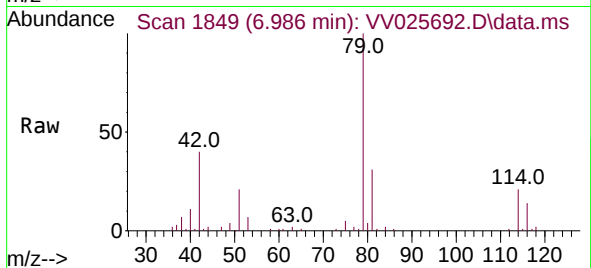
EW6W6

Tgt Ion: 75 Resp: 2052

Ion Ratio Lower Upper

75 100

77 38.0 21.8 40.6



#42

Toluene

Concen: 0.338 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.013 min

Lab File: VV025692.D

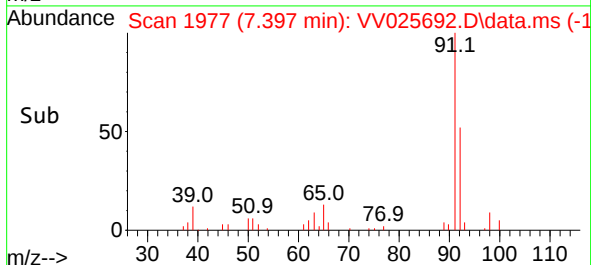
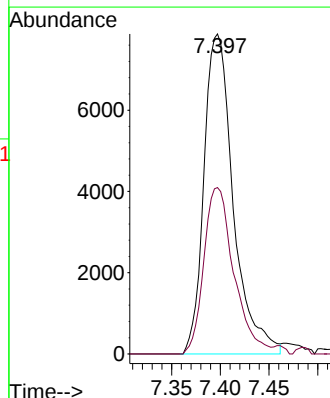
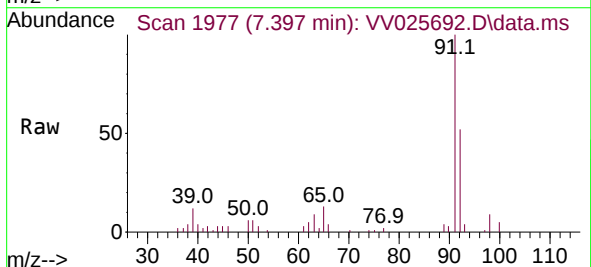
Acq: 22 Apr 2022 19:49

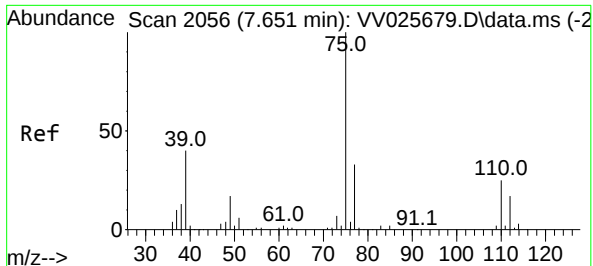
Tgt Ion: 91 Resp: 16493

Ion Ratio Lower Upper

91 100

92 52.0 40.8 75.8

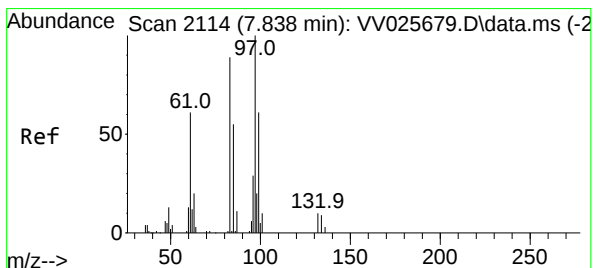
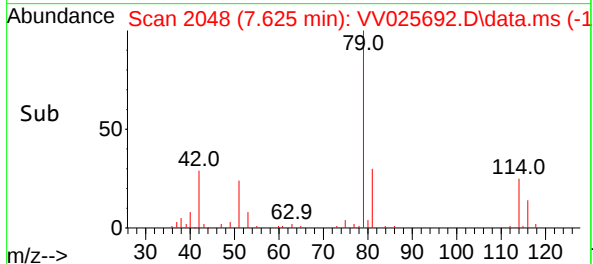
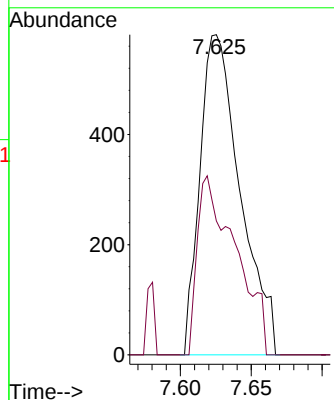
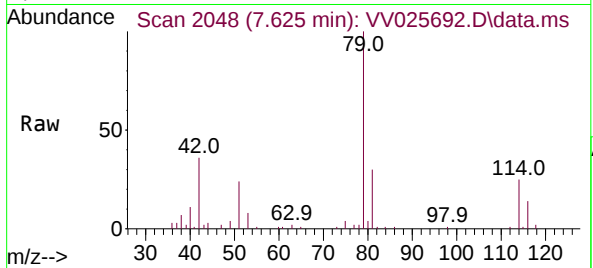




#44  
trans-1,3-Dichloropropene  
Concen: 0.109 ug/L  
RT: 7.625 min Scan# 2056  
Delta R.T. -0.022 min  
Lab File: VV025692.D  
Acq: 22 Apr 2022 19:49

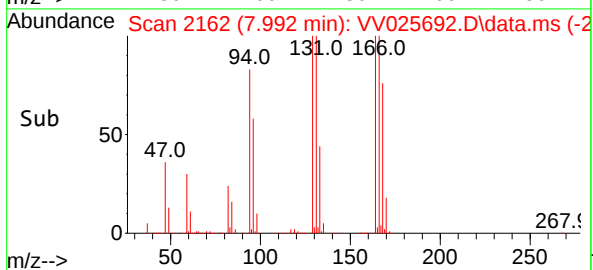
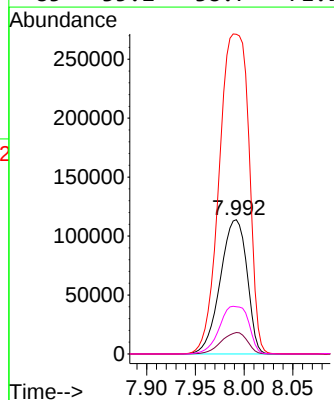
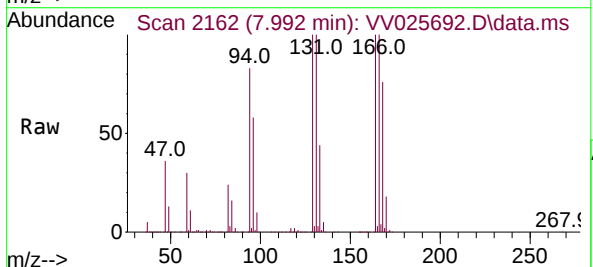
Instrument :  
MSVOA\_V  
ClientSampleId :  
EW6W6

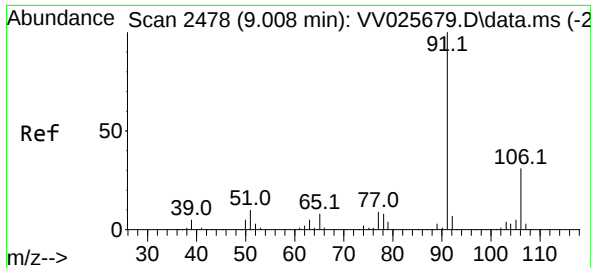
Tgt Ion: 75 Resp: 1152  
Ion Ratio Lower Upper  
75 100  
77 41.8 21.7 40.3#



#45  
1,1,2-Trichloroethane  
Concen: 31.254 ug/L  
RT: 7.992 min Scan# 2162  
Delta R.T. 0.158 min  
Lab File: VV025692.D  
Acq: 22 Apr 2022 19:49

Tgt Ion: 97 Resp: 217121  
Ion Ratio Lower Upper  
97 100  
99 16.0 43.8 81.4#  
83 238.0 60.3 112.1#  
85 35.2 38.7 71.9#

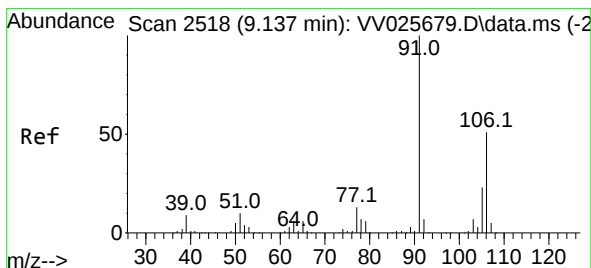
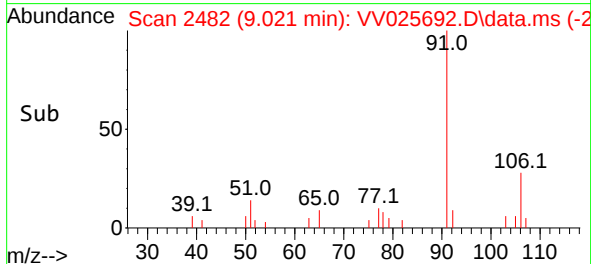
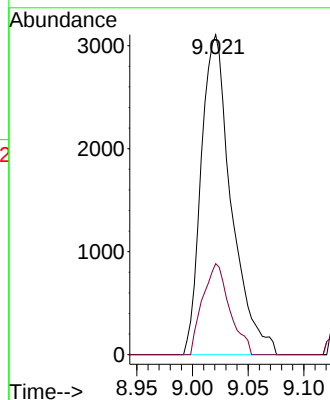
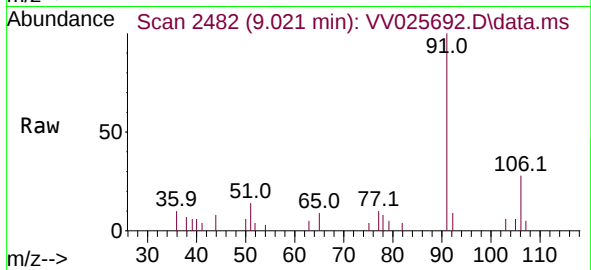




#52  
Ethylbenzene  
Concen: 0.112 ug/L  
RT: 9.021 min Scan# 2478  
Delta R.T. 0.013 min  
Lab File: VV025692.D  
Acq: 22 Apr 2022 19:49

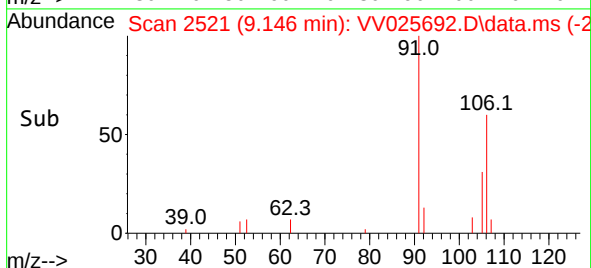
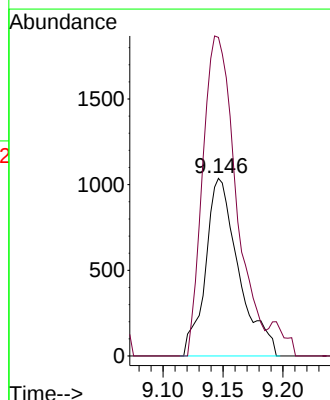
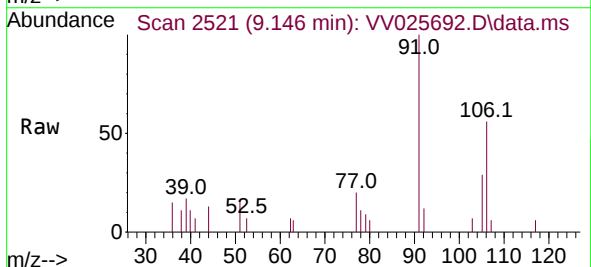
Instrument :  
MSVOA\_V  
ClientSampleId :  
EW6W6

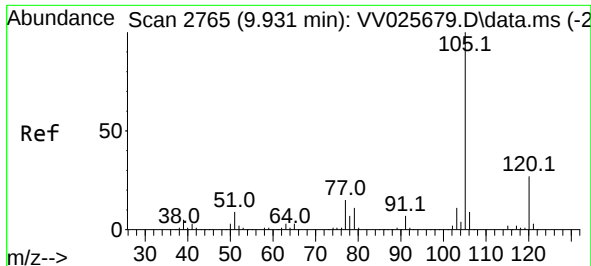
Tgt Ion: 91 Resp: 5836  
Ion Ratio Lower Upper  
91 100  
106 28.5 22.3 41.3



#53  
m,p-Xylene  
Concen: 0.100 ug/L  
RT: 9.146 min Scan# 2521  
Delta R.T. 0.010 min  
Lab File: VV025692.D  
Acq: 22 Apr 2022 19:49

Tgt Ion: 106 Resp: 1986  
Ion Ratio Lower Upper  
106 100  
91 179.4 136.4 253.4

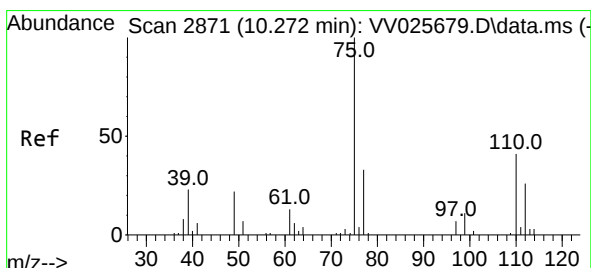
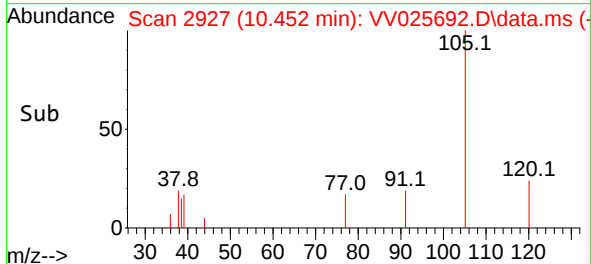
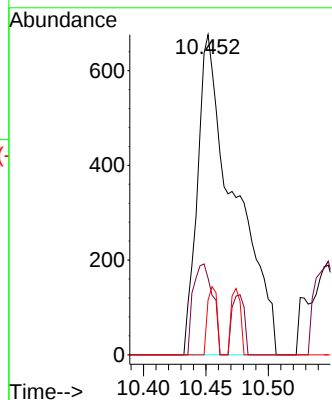
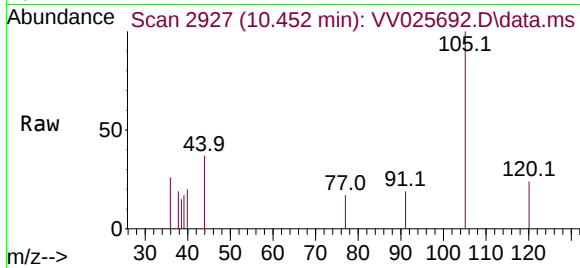




#60  
Isopropylbenzene  
Concen: 0.033 ug/L  
RT: 10.452 min Scan# 2790  
Delta R.T. 0.524 min  
Lab File: VV025692.D  
Acq: 22 Apr 2022 19:49

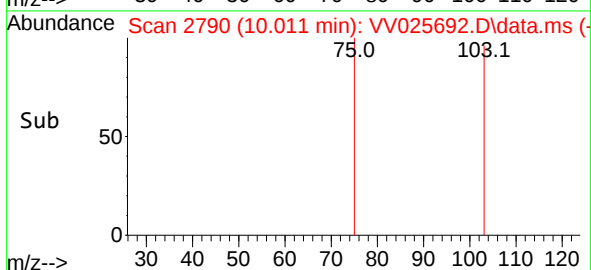
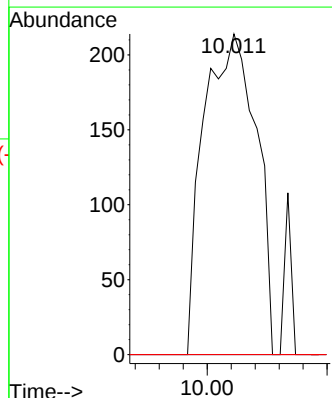
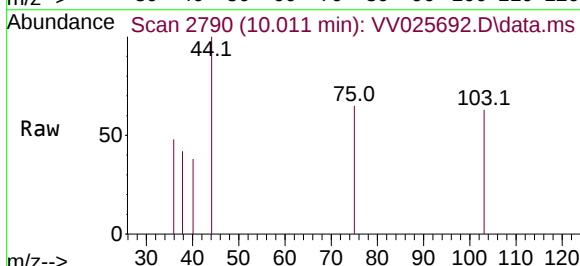
Instrument :  
MSVOA\_V  
ClientSampleId :  
EW6W6

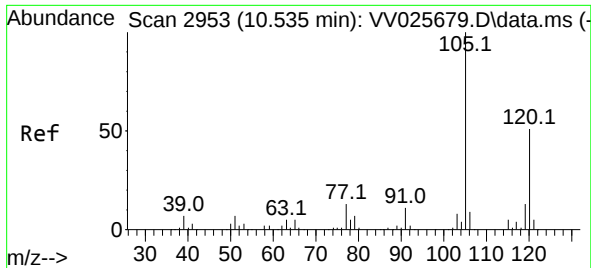
Tgt Ion:105 Resp: 1397  
Ion Ratio Lower Upper  
105 100  
120 14.8 21.2 31.8#  
77 0.0 12.2 18.2#



#61  
1,2,3-Trichloropropane  
Concen: 0.073 ug/L  
RT: 10.011 min Scan# 2790  
Delta R.T. -0.260 min  
Lab File: VV025692.D  
Acq: 22 Apr 2022 19:49

Tgt Ion: 75 Resp: 326  
Ion Ratio Lower Upper  
75 100  
77 0.0 25.6 38.4#  
110 0.0 34.7 52.1#





#62  
 1,3,5-Trimethylbenzene  
 Concen: 0.093 ug/L  
 RT: 10.918 min Scan# 30  
 Delta R.T. 0.383 min  
 Lab File: VV025692.D  
 Acq: 22 Apr 2022 19:49

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW6W6

Tgt Ion:105 Resp: 1726  
 Ion Ratio Lower Upper  
 105 100  
 120 45.1 39.6 59.4

