

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW111122\  
 Data File : VW028912.D  
 Acq On : 12 Nov 2022 06:40  
 Operator : SY/MD  
 Sample : N5590-11  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GBMY2

Quant Time: Nov 14 00:24:49 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111122WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Nov 12 03:43:58 2022  
 Response via : Initial Calibration

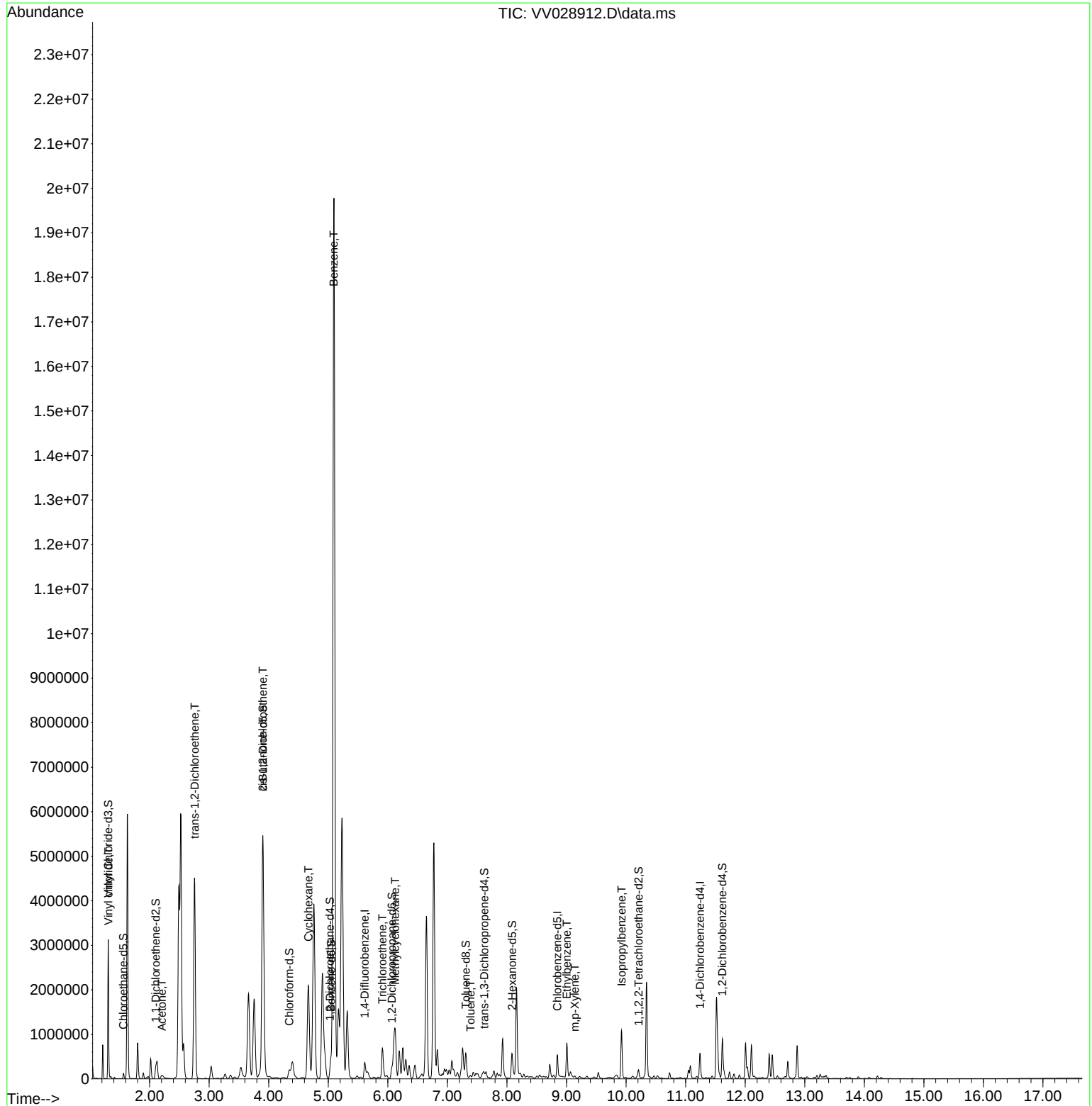
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.613  | 114   | 329268   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.847  | 117   | 301394   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.243 | 152   | 157396   | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 84550    | 4.212    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 84.200%  |
| 7) Chloroethane-d5            | 1.561  | 69    | 77981    | 4.419    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 88.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.101  | 63    | 115893   | 3.168    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 63.400%  |
| 20) 2-Butanone-d5             | 3.902  | 46    | 159103   | 47.348   | ug/L   | 0.02     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 94.700%  |
| 24) Chloroform-d              | 4.346  | 84    | 195406   | 4.741    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.031  | 65    | 87925    | 4.742    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 94.800%  |
| 32) Benzene-d6                | 5.047  | 84    | 419509   | 4.663    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67    | 122699   | 4.884    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 97.600%  |
| 41) Toluene-d8                | 7.310  | 98    | 376293   | 4.647    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 93.000%  |
| 43) trans-1,3-Dichloroprop... | 7.619  | 79    | 36370    | 4.439    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 88.800%  |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 182173   | 52.091   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 104.180% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.210 | 84    | 83969    | 4.821    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 96.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.616 | 152   | 143671   | 5.102    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 102.000% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 5) Vinyl chloride             | 1.310  | 62    | 16933    | 0.652    | ug/L # | 75       |
| 13) Acetone                   | 2.208  | 43    | 163299   | 75.547   | ug/L   | 83       |
| 18) trans-1,2-Dichloroethene  | 2.757  | 96    | 9548     | 0.413    | ug/L   | 94       |
| 22) cis-1,2-Dichloroethene    | 3.902  | 96    | 3156023  | 134.283  | ug/L   | 99       |
| 30) Cyclohexane               | 4.667  | 56    | 810498   | 22.548   | ug/L # | 83       |
| 33) Benzene                   | 5.092  | 78    | 19910515 | 216.182  | ug/L   | 100      |
| 34) Trichloroethene           | 5.908  | 95    | 238465   | 10.114   | ug/L   | 98       |
| 35) Methylcyclohexane         | 6.124  | 83    | 545439   | 13.162   | ug/L # | 82       |
| 42) Toluene                   | 7.391  | 91    | 37538    | 0.377    | ug/L   | 100      |
| 52) Ethylbenzene              | 9.005  | 91    | 555105   | 5.359    | ug/L   | 100      |
| 53) m,p-Xylene                | 9.140  | 106   | 9909     | 0.241    | ug/L   | 89       |
| 60) Isopropylbenzene          | 9.924  | 105   | 712490   | 6.974    | ug/L   | 99       |
| -----                         |        |       |          |          |        |          |

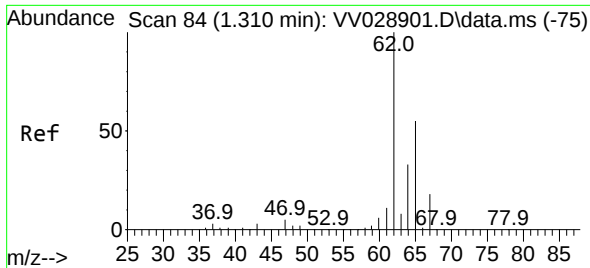
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV111122\  
Data File : VV028912.D  
Acq On : 12 Nov 2022 06:40  
Operator : SY/MD  
Sample : N5590-11  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
GBMY2

Quant Time: Nov 14 00:24:49 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111122WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sat Nov 12 03:43:58 2022  
Response via : Initial Calibration

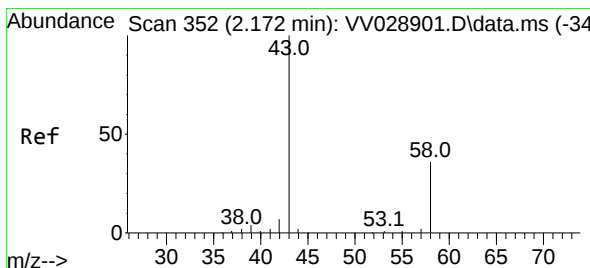
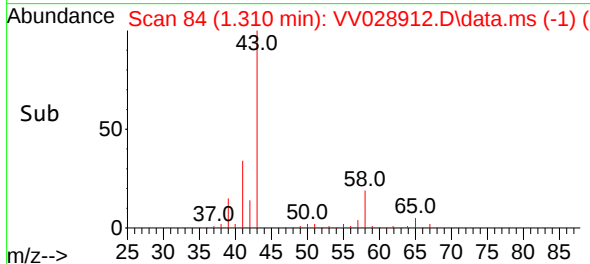
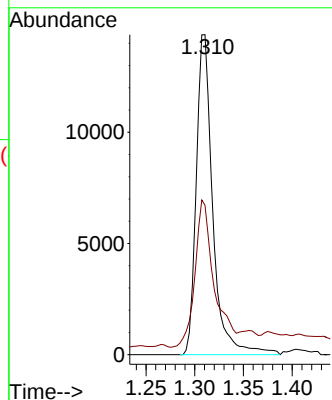
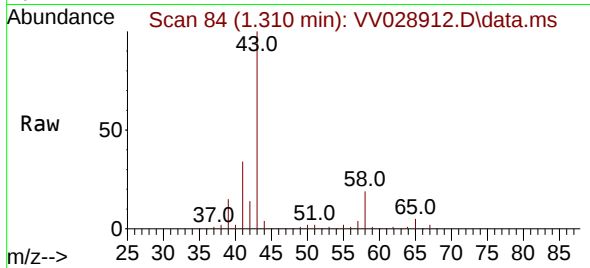




#5  
 Vinyl chloride  
 Concen: 0.652 ug/L  
 RT: 1.310 min Scan# 84  
 Delta R.T. 0.000 min  
 Lab File: VV028912.D  
 Acq: 12 Nov 2022 06:40

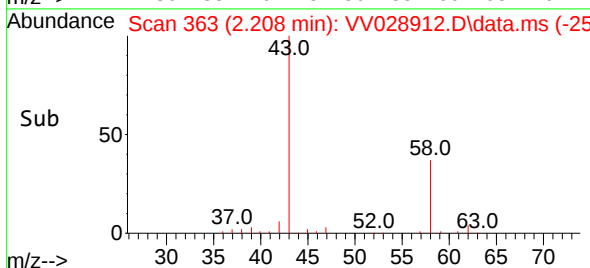
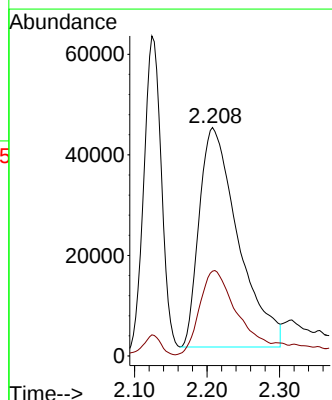
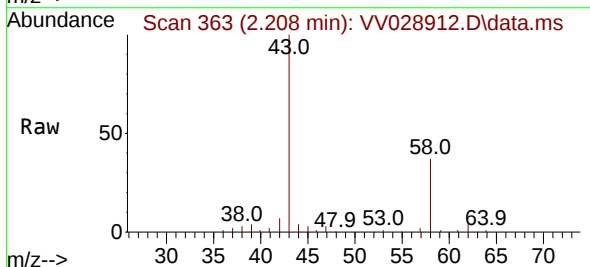
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GBMY2

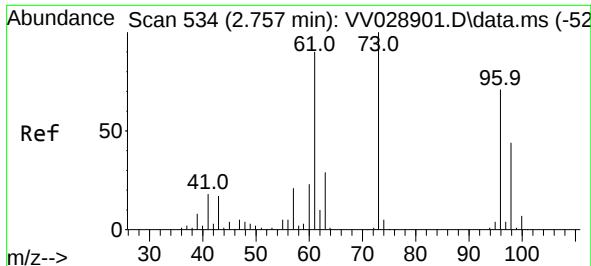
Tgt Ion: 62 Resp: 16933  
 Ion Ratio Lower Upper  
 62 100  
 64 46.7 22.8 42.4#



#13  
 Acetone  
 Concen: 75.547 ug/L  
 RT: 2.208 min Scan# 363  
 Delta R.T. 0.035 min  
 Lab File: VV028912.D  
 Acq: 12 Nov 2022 06:40

Tgt Ion: 43 Resp: 163299  
 Ion Ratio Lower Upper  
 43 100  
 58 37.1 0.0 56.6

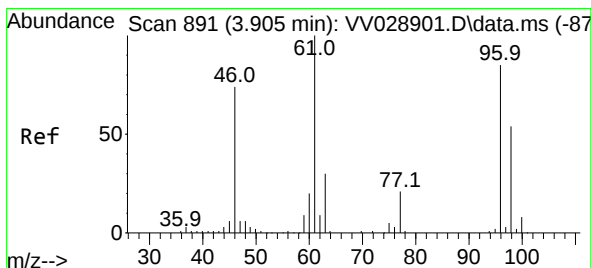
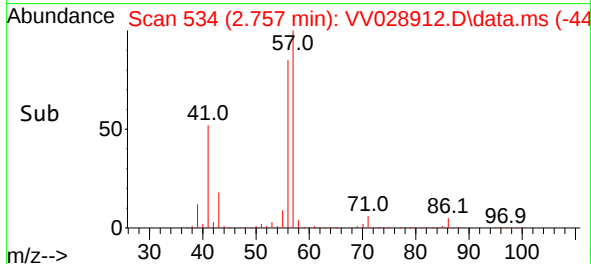
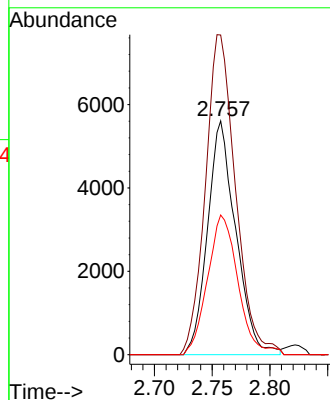
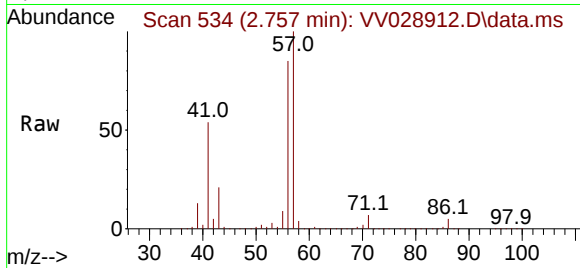




#18  
 trans-1,2-Dichloroethene  
 Concen: 0.413 ug/L  
 RT: 2.757 min Scan# 51  
 Delta R.T. 0.000 min  
 Lab File: VV028912.D  
 Acq: 12 Nov 2022 06:40

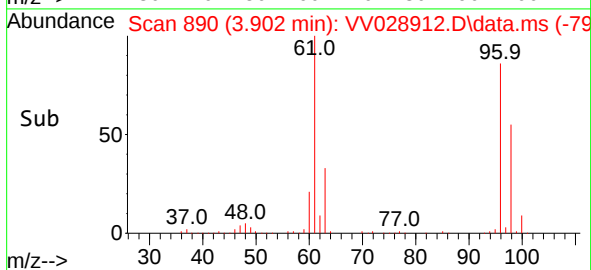
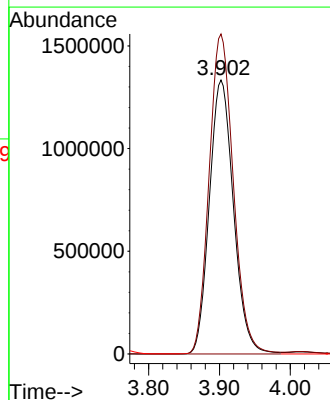
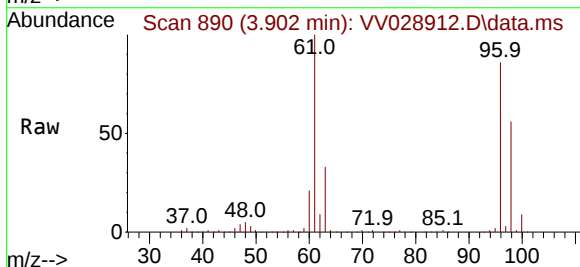
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GBMY2

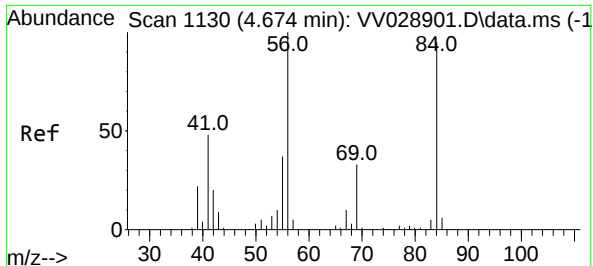
Tgt Ion: 96 Resp: 9548  
 Ion Ratio Lower Upper  
 96 100  
 61 136.8 91.8 170.6  
 98 59.8 46.4 86.2



#22  
 cis-1,2-Dichloroethene  
 Concen: 134.283 ug/L  
 RT: 3.902 min Scan# 890  
 Delta R.T. -0.003 min  
 Lab File: VV028912.D  
 Acq: 12 Nov 2022 06:40

Tgt Ion: 96 Resp: 3156023  
 Ion Ratio Lower Upper  
 96 100  
 61 116.8 82.3 152.9  
 68 0.0 0.0 0.0

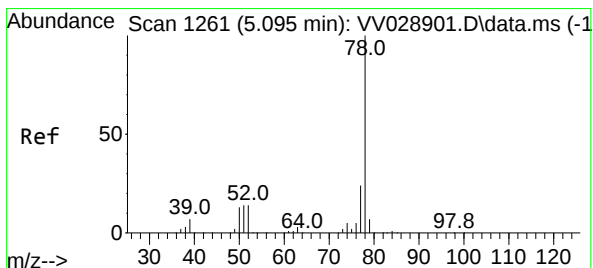
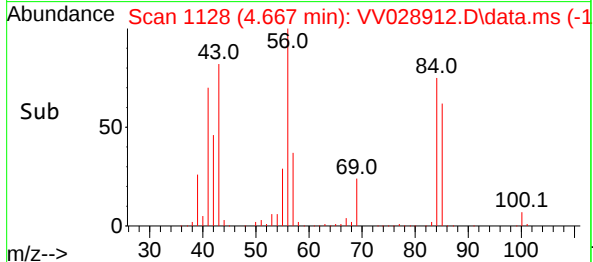
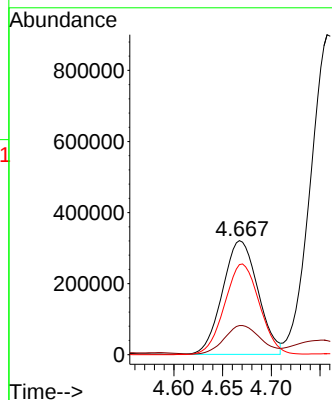
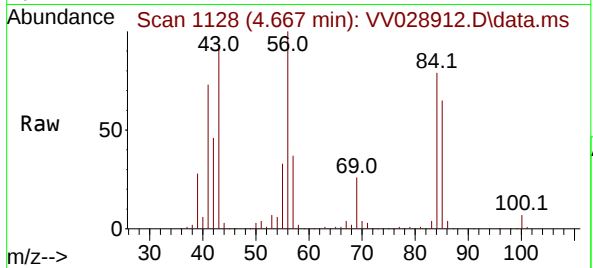




#30  
Cyclohexane  
Concen: 22.548 ug/L  
RT: 4.667 min Scan# 1130  
Delta R.T. -0.006 min  
Lab File: VV028912.D  
Acq: 12 Nov 2022 06:40

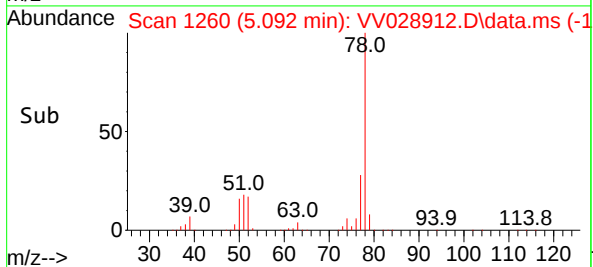
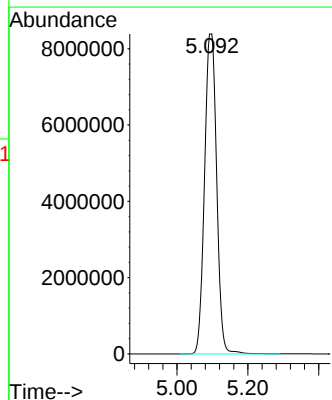
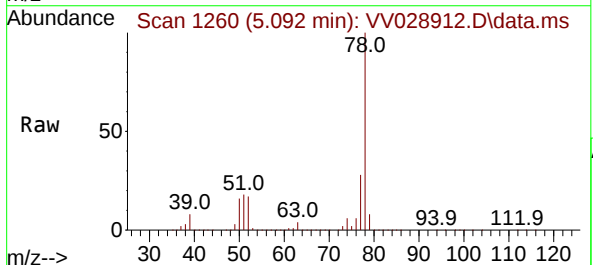
Instrument :  
MSVOA\_V  
ClientSampleId :  
GBMY2

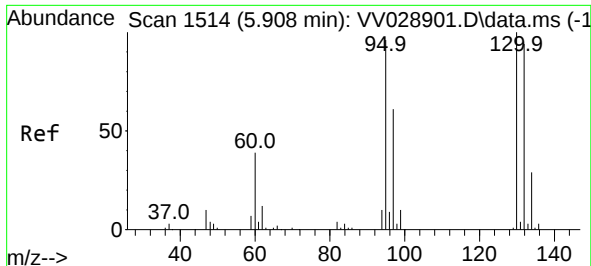
Tgt Ion: 56 Resp: 810498  
Ion Ratio Lower Upper  
56 100  
69 25.4 26.1 39.1#  
84 78.7 77.9 116.9



#33  
Benzene  
Concen: 216.182 ug/L  
RT: 5.092 min Scan# 1260  
Delta R.T. -0.003 min  
Lab File: VV028912.D  
Acq: 12 Nov 2022 06:40

Tgt Ion: 78 Resp:19910515

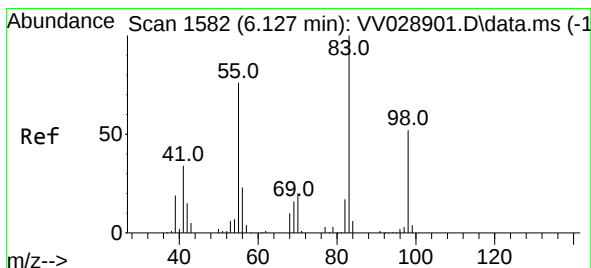
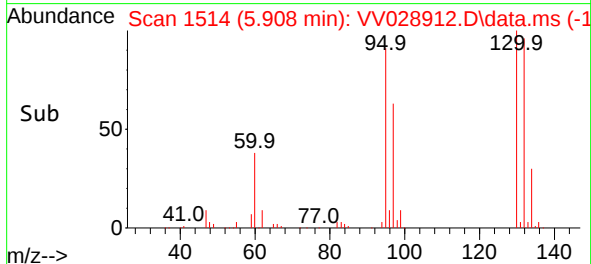
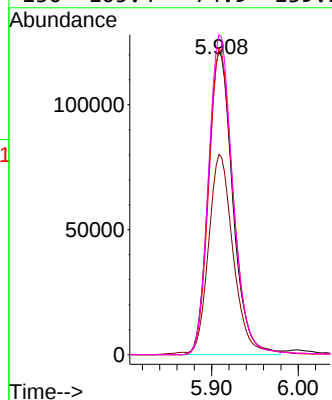
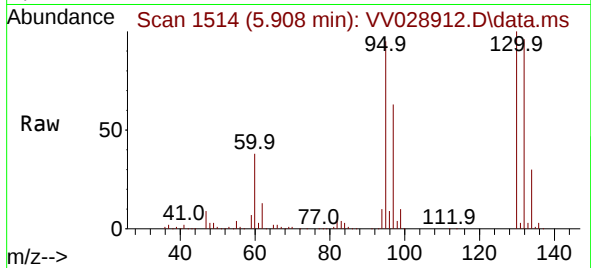




#34  
Trichloroethene  
Concen: 10.114 ug/L  
RT: 5.908 min Scan# 1514  
Delta R.T. 0.000 min  
Lab File: VV028912.D  
Acq: 12 Nov 2022 06:40

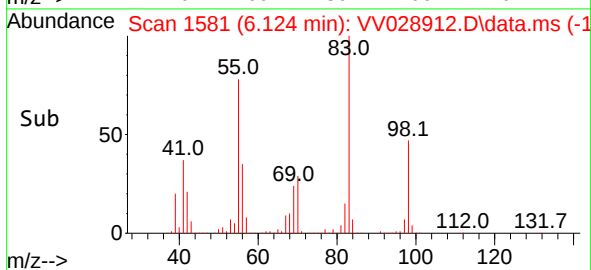
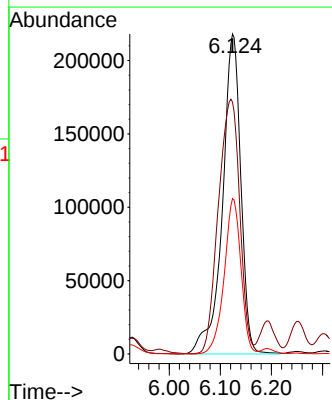
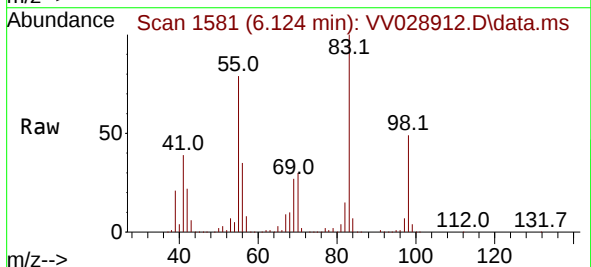
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ClientSampleId :  
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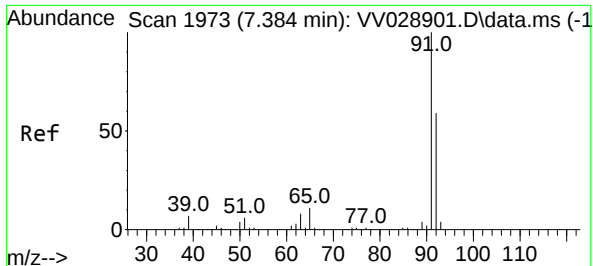
Tgt Ion: 95 Resp: 238465  
Ion Ratio Lower Upper  
95 100  
97 66.0 45.6 84.8  
132 100.8 69.1 128.3  
130 105.4 74.9 139.1



#35  
Methylcyclohexane  
Concen: 13.162 ug/L  
RT: 6.124 min Scan# 1581  
Delta R.T. -0.003 min  
Lab File: VV028912.D  
Acq: 12 Nov 2022 06:40

Tgt Ion: 83 Resp: 545439  
Ion Ratio Lower Upper  
83 100  
55 91.8 55.8 83.6#  
98 44.3 38.2 57.2

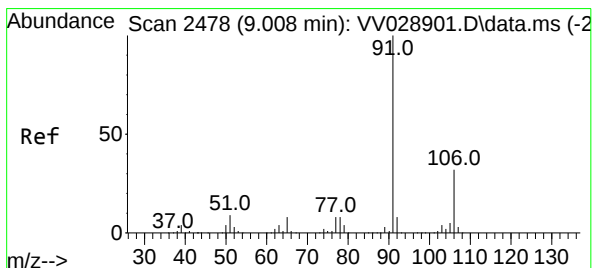
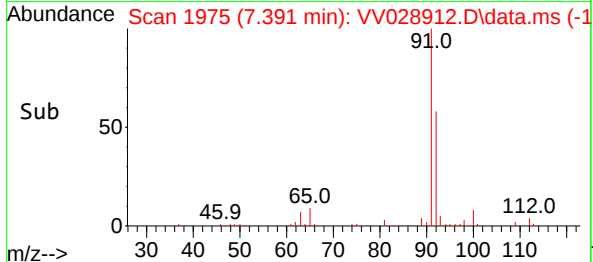
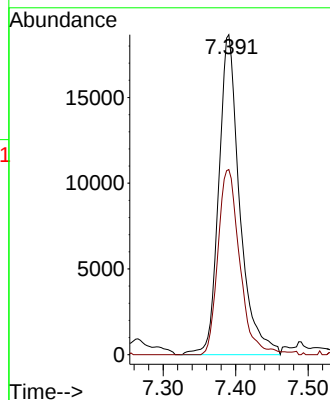
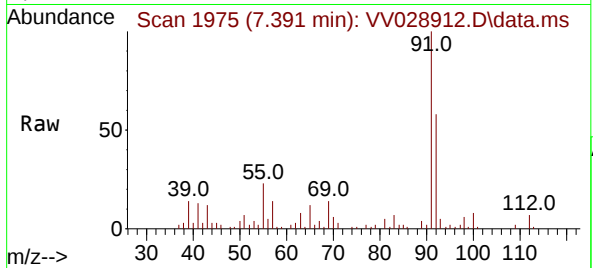




#42  
Toluene  
Concen: 0.377 ug/L  
RT: 7.391 min Scan# 1973  
Delta R.T. 0.006 min  
Lab File: VV028912.D  
Acq: 12 Nov 2022 06:40

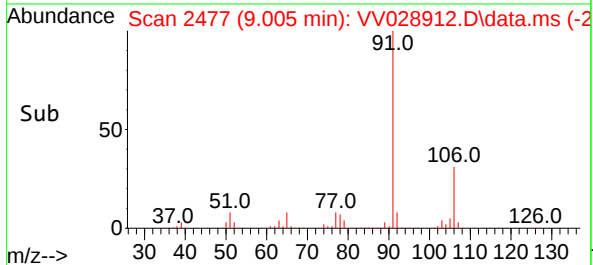
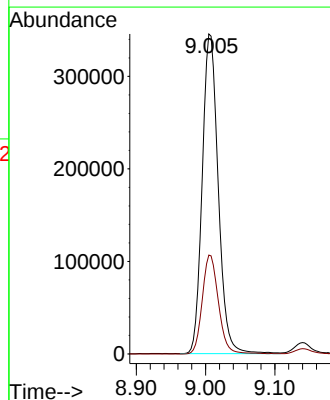
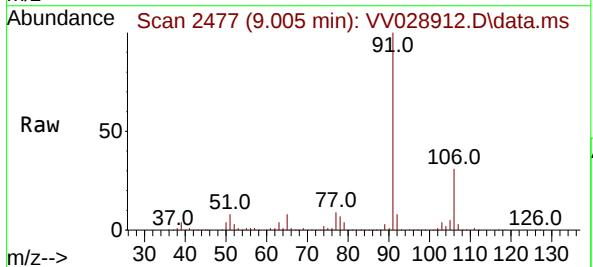
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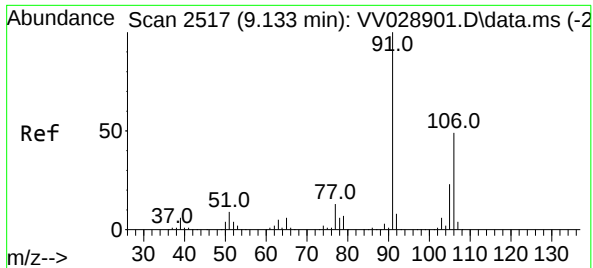
Tgt Ion: 91 Resp: 37538  
Ion Ratio Lower Upper  
91 100  
92 57.8 40.7 75.5



#52  
Ethylbenzene  
Concen: 5.359 ug/L  
RT: 9.005 min Scan# 2477  
Delta R.T. -0.003 min  
Lab File: VV028912.D  
Acq: 12 Nov 2022 06:40

Tgt Ion: 91 Resp: 555105  
Ion Ratio Lower Upper  
91 100  
106 30.9 21.6 40.2

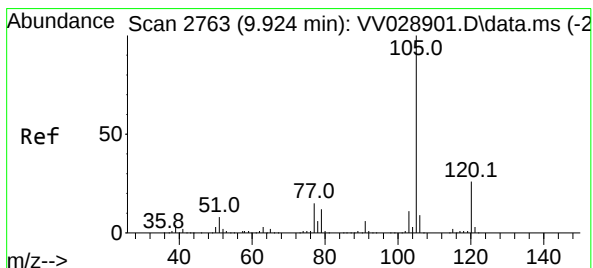
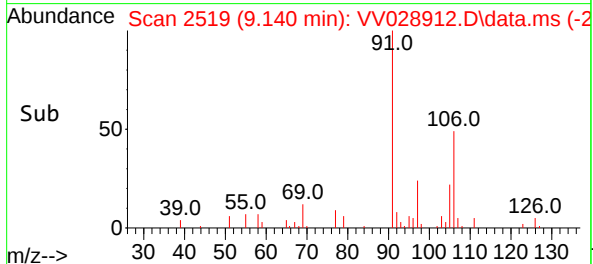
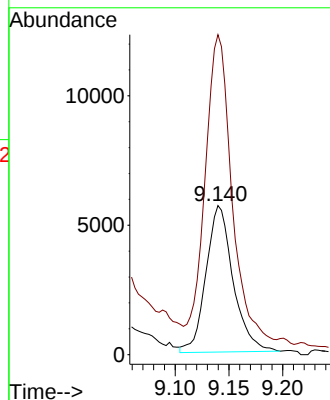
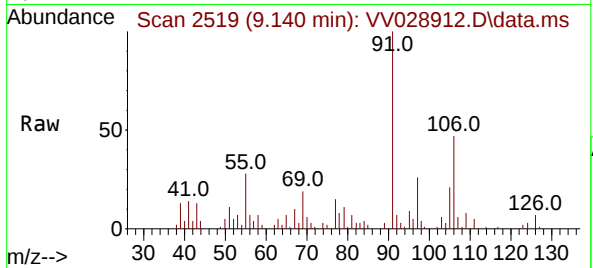




#53  
m,p-Xylene  
Concen: 0.241 ug/L  
RT: 9.140 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VV028912.D  
Acq: 12 Nov 2022 06:40

Instrument :  
MSVOA\_V  
ClientSampleId :  
GBMY2

Tgt Ion:106 Resp: 9909  
Ion Ratio Lower Upper  
106 100  
91 214.6 139.1 258.3



#60  
Isopropylbenzene  
Concen: 6.974 ug/L  
RT: 9.924 min Scan# 2763  
Delta R.T. 0.000 min  
Lab File: VV028912.D  
Acq: 12 Nov 2022 06:40

Tgt Ion:105 Resp: 712490  
Ion Ratio Lower Upper  
105 100  
120 26.8 21.3 31.9  
77 15.1 11.8 17.8

