

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV100422\  
 Data File : VV028343.D  
 Acq On : 04 Oct 2022 22:32  
 Operator : SY/MD  
 Sample : N4872-04  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EXFW8

Quant Time: Oct 04 23:35:42 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100322WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Oct 04 02:28:45 2022  
 Response via : Initial Calibration

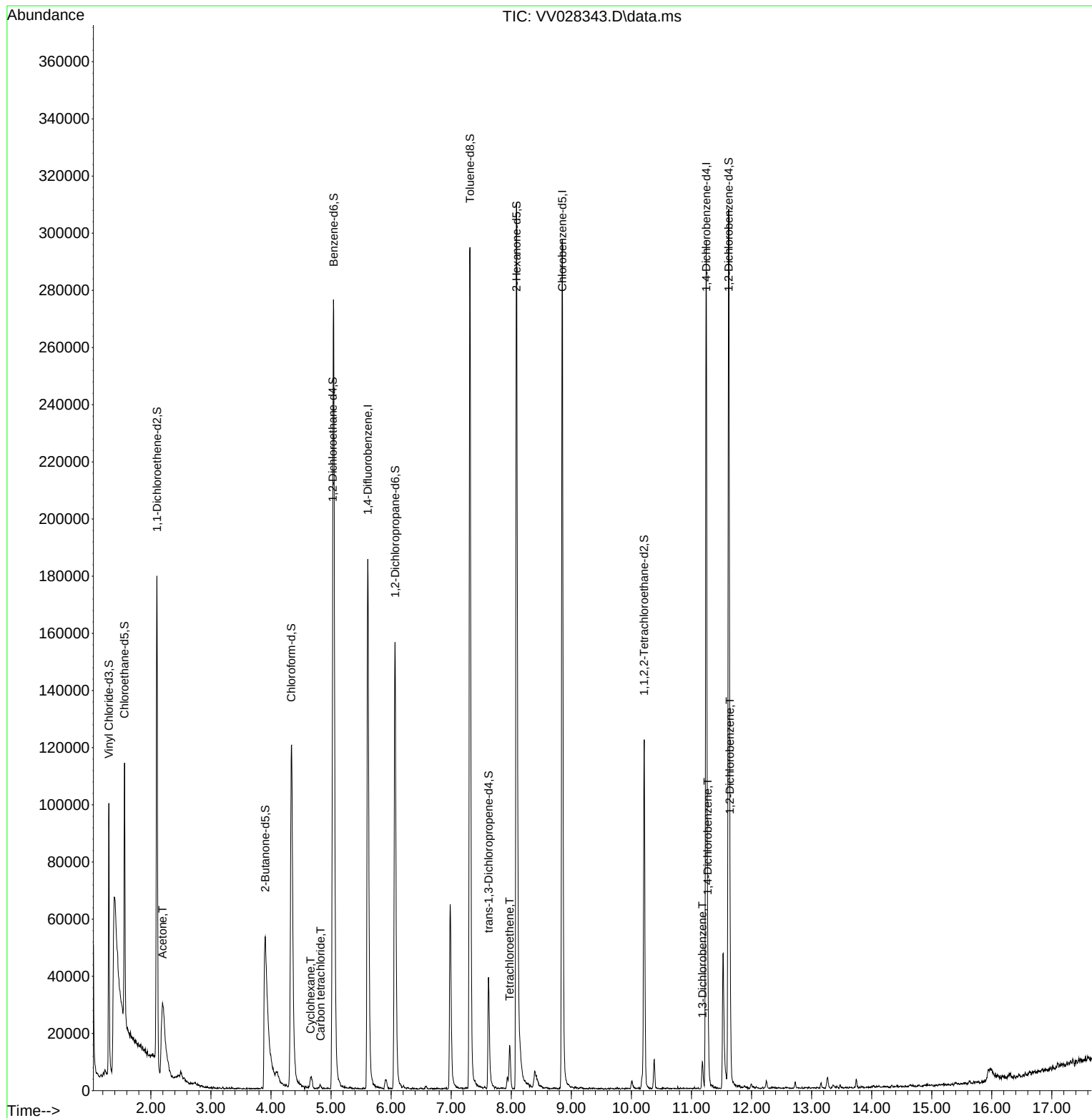
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.612  | 114   | 172267   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 174002   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246 | 152   | 83047    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.301  | 65    | 60021    | 4.637    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 92.800%  |
| 7) Chloroethane-d5            | 1.561  | 69    | 56153    | 5.125    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 102.400% |
| 11) 1,1-Dichloroethene-d2     | 2.101  | 63    | 88555    | 3.630    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 72.600%  |
| 20) 2-Butanone-d5             | 3.905  | 46    | 139859   | 63.861   | ug/L   | 0.02     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 127.720% |
| 24) Chloroform-d              | 4.339  | 84    | 127233   | 5.426    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 108.600% |
| 26) 1,2-Dichloroethane-d4     | 5.027  | 65    | 62546    | 5.753    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 115.000% |
| 32) Benzene-d6                | 5.043  | 84    | 258723   | 5.420    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 108.400% |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67    | 81066    | 5.920    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 118.400% |
| 41) Toluene-d8                | 7.313  | 98    | 206609   | 4.706    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 94.200%  |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79    | 25624    | 4.913    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 98.200%  |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 119994   | 56.215   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 112.420% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84    | 60832    | 5.861    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 117.200% |
| 66) 1,2-Dichlorobenzene-d4    | 11.619 | 152   | 82642    | 5.782    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 115.600% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 2.195  | 43    | 80100    | 55.699   | ug/L   | 97       |
| 30) Cyclohexane               | 4.661  | 56    | 2165     | 0.117    | ug/L   | 98       |
| 31) Carbon tetrachloride      | 4.825  | 117   | 1031     | 0.054    | ug/L   | 95       |
| 47) Tetrachloroethene         | 7.976  | 164   | 3660     | 0.323    | ug/L   | 96       |
| 64) 1,3-Dichlorobenzene       | 11.185 | 146   | 4799     | 0.192    | ug/L   | 96       |
| 65) 1,4-Dichlorobenzene       | 11.271 | 146   | 14508    | 0.580    | ug/L   | 95       |
| 67) 1,2-Dichlorobenzene       | 11.641 | 146   | 14735    | 0.651    | ug/L   | 99       |
| -----                         |        |       |          |          |        |          |

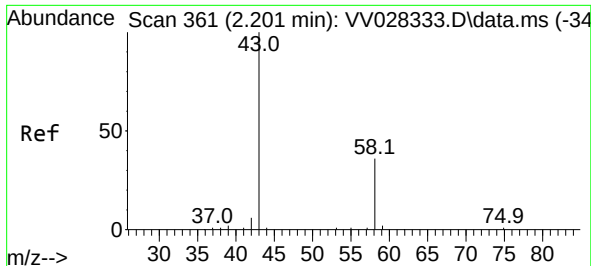
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 55.699 ug/L

RT: 2.195 min Scan# 31

Delta R.T. 0.020 min

Lab File: VV028343.D

Acq: 04 Oct 2022 22:32

Instrument :

MSVOA\_V

ClientSampleId :

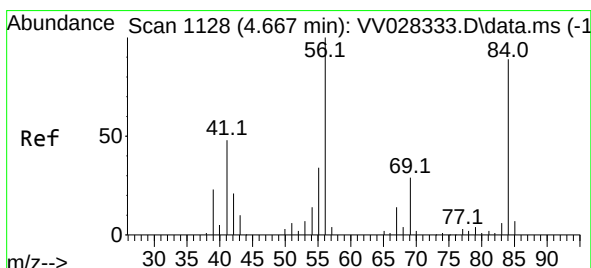
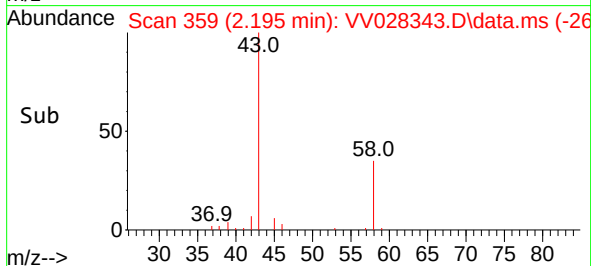
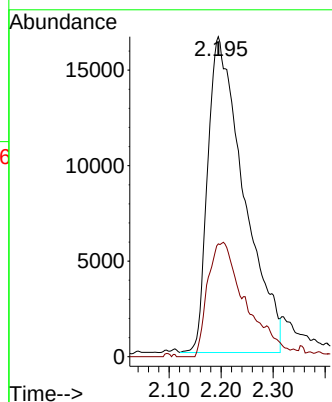
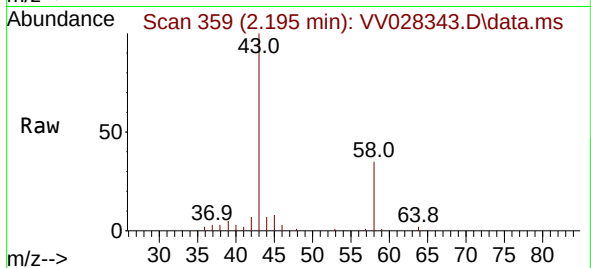
EXFW8

Tgt Ion: 43 Resp: 80100

Ion Ratio Lower Upper

43 100

58 34.4 0.0 65.6



#30

Cyclohexane

Concen: 0.117 ug/L

RT: 4.661 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VV028343.D

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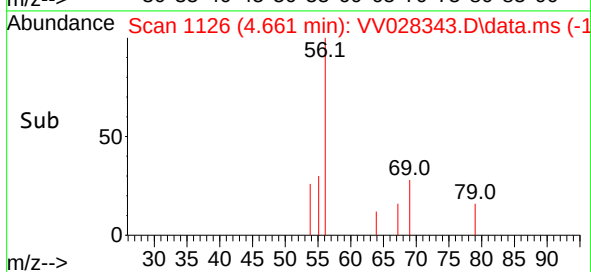
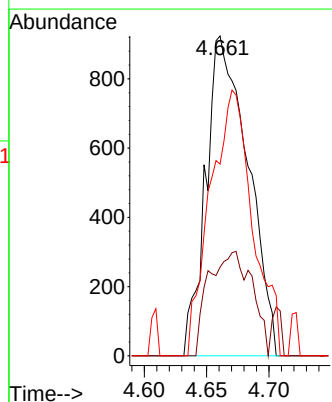
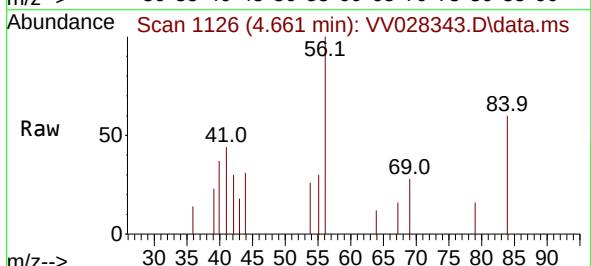
Tgt Ion: 56 Resp: 2165

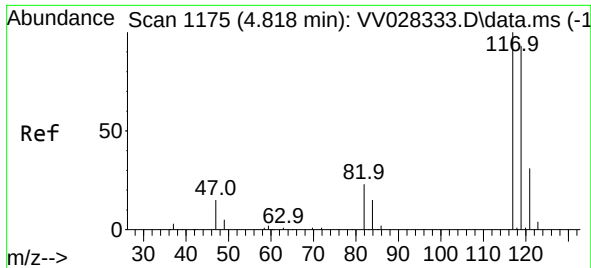
Ion Ratio Lower Upper

56 100

69 33.6 23.7 35.5

84 83.5 67.3 100.9

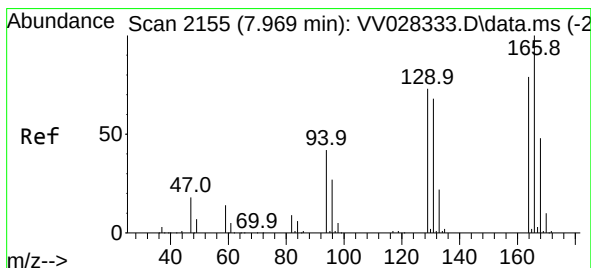
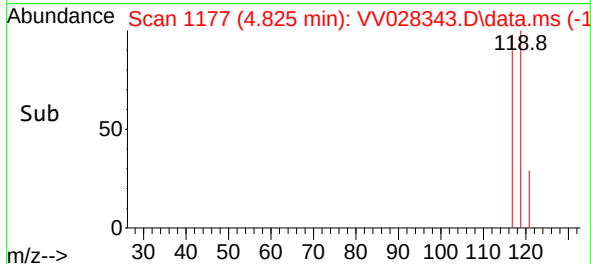
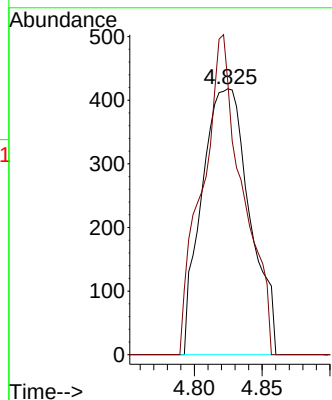
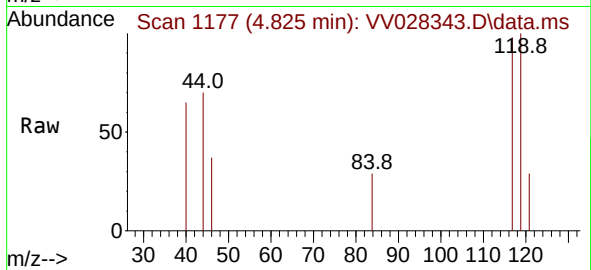




#31  
Carbon tetrachloride  
Concen: 0.054 ug/L  
RT: 4.825 min Scan# 1175  
Delta R.T. 0.006 min  
Lab File: VV028343.D  
Acq: 04 Oct 2022 22:32

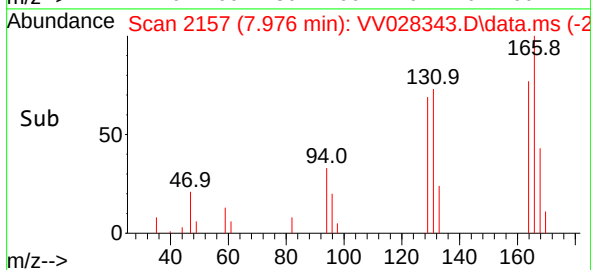
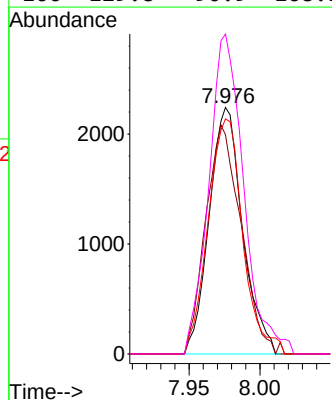
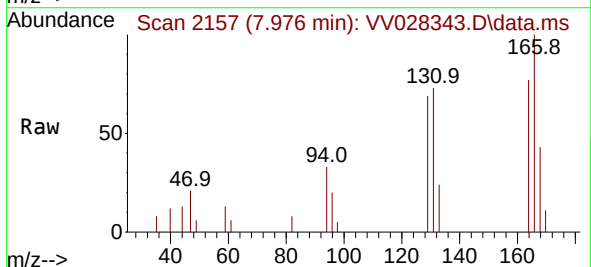
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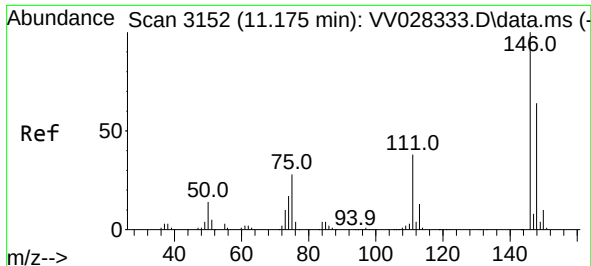
Tgt Ion:117 Resp: 1031  
Ion Ratio Lower Upper  
117 100  
119 100.8 76.9 115.3



#47  
Tetrachloroethene  
Concen: 0.323 ug/L  
RT: 7.976 min Scan# 2157  
Delta R.T. 0.007 min  
Lab File: VV028343.D  
Acq: 04 Oct 2022 22:32

Tgt Ion:164 Resp: 3660  
Ion Ratio Lower Upper  
164 100  
129 88.9 66.7 123.9  
131 95.3 61.7 114.5  
166 129.8 90.9 168.9

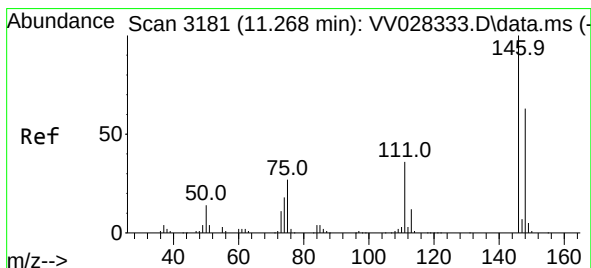
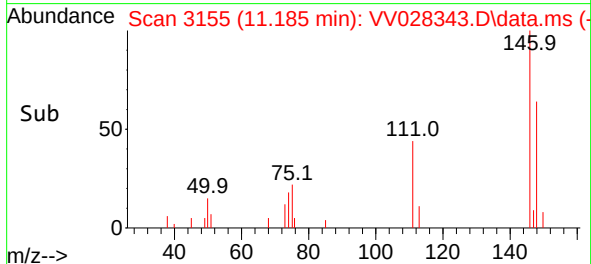
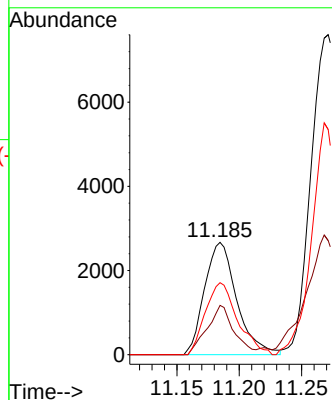
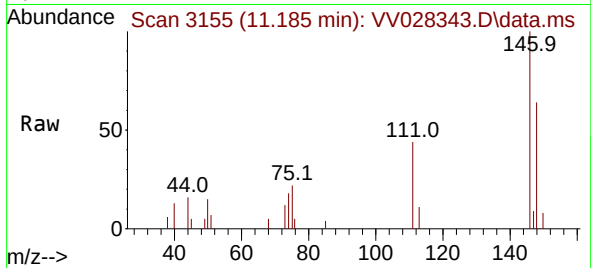




#64  
1,3-Dichlorobenzene  
Concen: 0.192 ug/L  
RT: 11.185 min Scan# 3155  
Delta R.T. 0.006 min  
Lab File: VV028343.D  
Acq: 04 Oct 2022 22:32

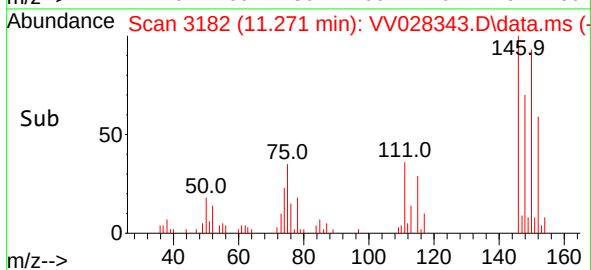
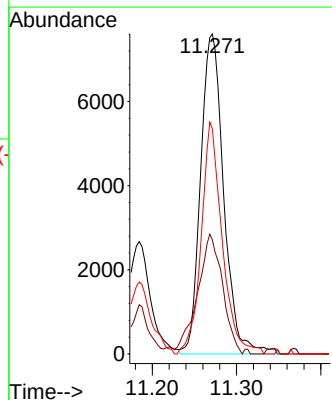
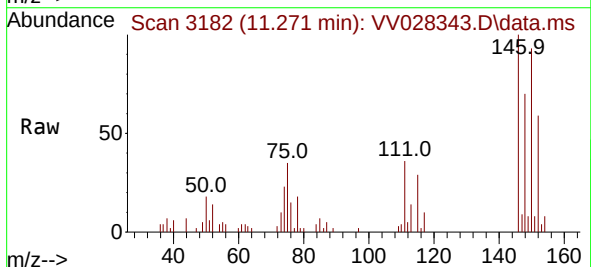
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MSVOA\_V  
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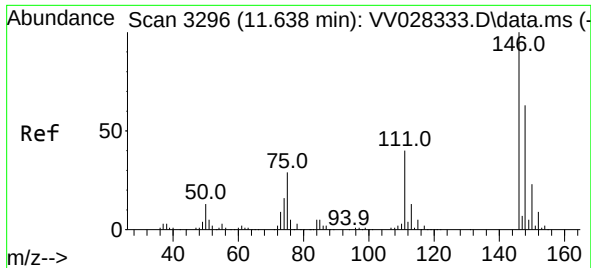
Tgt Ion:146 Resp: 4799  
Ion Ratio Lower Upper  
146 100  
111 43.9 27.1 50.3  
148 64.1 45.7 84.9



#65  
1,4-Dichlorobenzene  
Concen: 0.580 ug/L  
RT: 11.271 min Scan# 3182  
Delta R.T. 0.003 min  
Lab File: VV028343.D  
Acq: 04 Oct 2022 22:32

Tgt Ion:146 Resp: 14508  
Ion Ratio Lower Upper  
146 100  
111 35.6 26.2 48.8  
148 70.3 45.8 85.2





#67  
 1,2-Dichlorobenzene  
 Concen: 0.651 ug/L  
 RT: 11.641 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: VV028343.D  
 Acq: 04 Oct 2022 22:32

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EXFW8

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 14735 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 39.9  | 32.6  | 49.0  |
| 148      | 62.5  | 50.1  | 75.1  |

