

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV100923\  
 Data File : VV032345.D  
 Acq On : 09 Oct 2023 22:13  
 Operator : SY/MD  
 Sample : 04748-28DL 4X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Oct 10 06:00:04 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092923WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Oct 10 05:42:01 2023  
 Response via : Initial Calibration

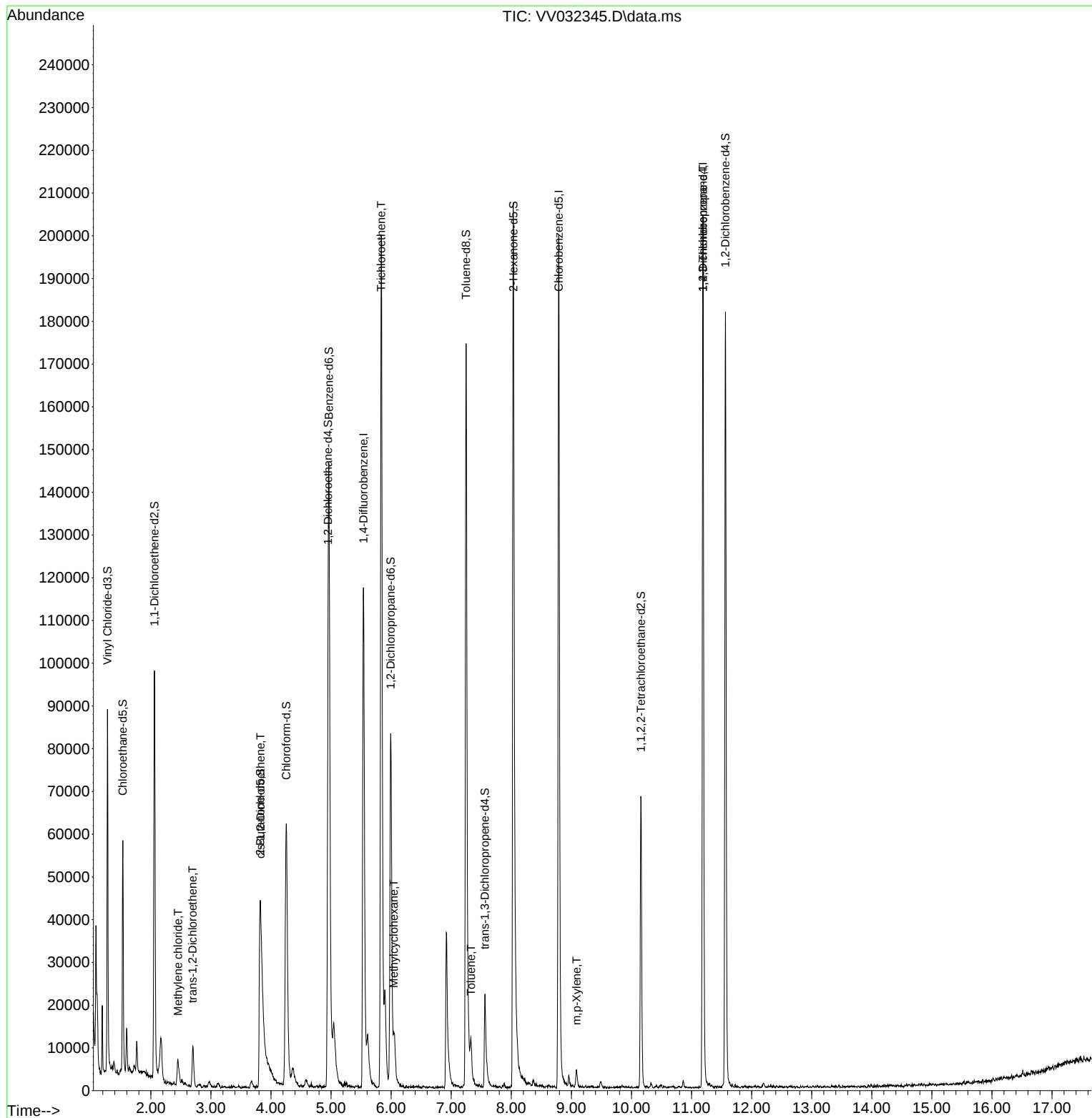
| Compound                      | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                         |           |                |          |            |        |          |
| Internal Standards            |           |                |          |            |        |          |
| 1) 1,4-Difluorobenzene        | 5.539     | 114            | 102785   | 5.000      | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.789     | 117            | 115852   | 5.000      | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.191    | 152            | 53566    | 5.000      | ug/L   | 0.00     |
| System Monitoring Compounds   |           |                |          |            |        |          |
| 4) Vinyl Chloride-d3          | 1.278     | 65             | 43131    | 5.160      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 40 - 130 | Recovery | = 103.200% |        |          |
| 7) Chloroethane-d5            | 1.532     | 69             | 34003    | 5.011      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 130 | Recovery | = 100.200% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.060     | 65             | 16426    | 4.659      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 125 | Recovery | = 93.200%  |        |          |
| 20) 2-Butanone-d5             | 3.822     | 46             | 90292    | 42.698     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 40 - 130 | Recovery | = 85.400%  |        |          |
| 24) Chloroform-d              | 4.252     | 84             | 68535    | 4.647      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 93.000%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.950     | 65             | 34044    | 4.874      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 97.400%  |        |          |
| 32) Benzene-d6                | 4.963     | 84             | 132608   | 3.890      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 77.800%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.992     | 67             | 42218    | 3.738      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 140 | Recovery | = 74.800%  |        |          |
| 41) Toluene-d8                | 7.246     | 98             | 127141   | 4.079      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 81.600%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.561     | 79             | 14923    | 3.729      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 55 - 130 | Recovery | = 74.600%  |        |          |
| 46) 2-Hexanone-d5             | 8.034     | 63             | 81288    | 43.167     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 45 - 130 | Recovery | = 86.340%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156    | 84             | 34988    | 4.429      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 120 | Recovery | = 88.600%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.564    | 152            | 46786    | 4.707      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 80 - 120 | Recovery | = 94.200%  |        |          |
| Target Compounds              |           |                |          |            |        |          |
|                               |           |                |          |            |        | Qvalue   |
| 16) Methylene chloride        | 2.452     | 84             | 2169     | 0.221      | ug/L   | 95       |
| 18) trans-1,2-Dichloroethene  | 2.696     | 96             | 3205     | 0.371      | ug/L   | 92       |
| 22) cis-1,2-Dichloroethene    | 3.825     | 96             | 2738     | 0.295      | ug/L   | 81       |
| 34) Trichloroethene           | 5.834     | 95             | 72781    | 6.536      | ug/L   | 98       |
| 35) Methylcyclohexane         | 6.043     | 83             | 2401     | 0.139      | ug/L # | 45       |
| 42) Toluene                   | 7.329     | 91             | 7521     | 0.173      | ug/L   | 93       |
| 53) m,p-Xylene                | 9.085     | 106            | 1198     | 0.067      | ug/L   | 81       |
| 61) 1,2,3-Trichloropropane    | 11.191    | 75             | 7147     | 1.254      | ug/L # | 67       |
| -----                         |           |                |          |            |        |          |

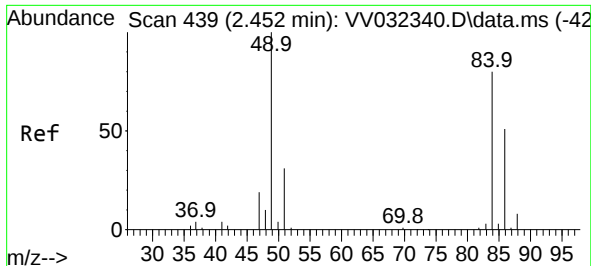
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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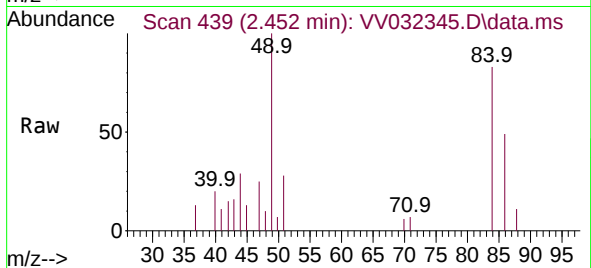
Quant Time: Oct 10 06:00:04 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092923WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Oct 10 05:42:01 2023  
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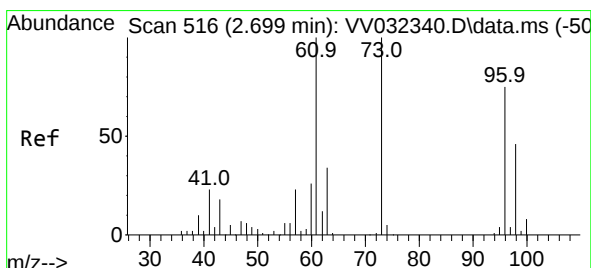
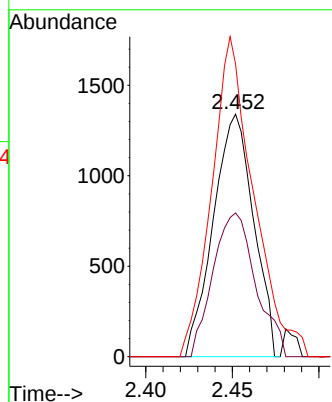
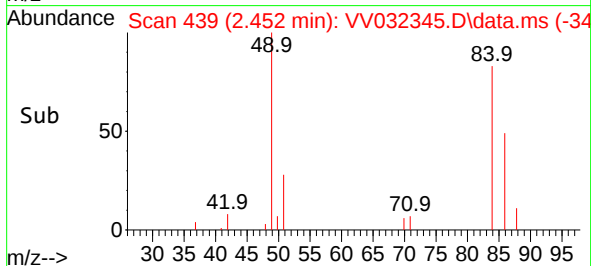
#16  
Methylene chloride  
Concen: 0.221 ug/L  
RT: 2.452 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VV032345.D  
Acq: 09 Oct 2023 22:13

Instrument :  
MSVOA\_V  
ClientSampleId :

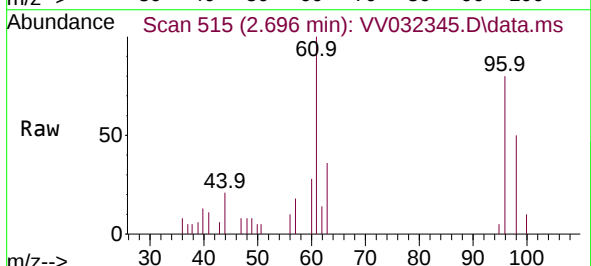


Tgt Ion: 84 Resp: 2169

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 86  | 59.2  | 43.2  | 80.2  |
| 49  | 129.5 | 86.3  | 160.3 |

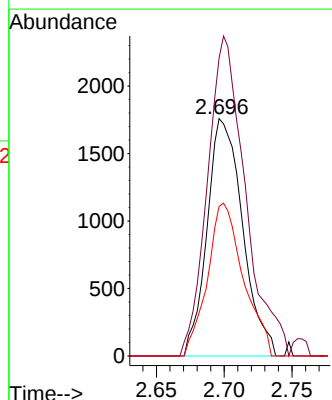
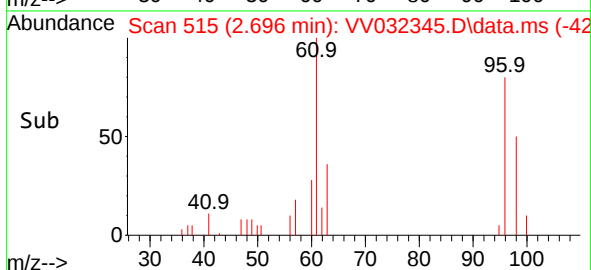


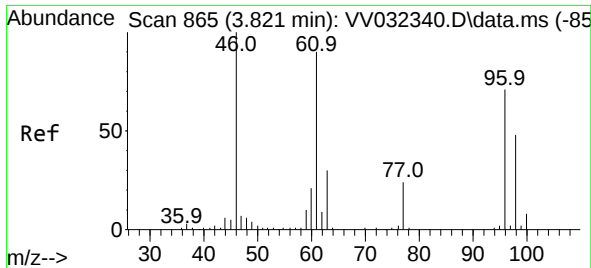
#18  
trans-1,2-Dichloroethene  
Concen: 0.371 ug/L  
RT: 2.696 min Scan# 515  
Delta R.T. -0.003 min  
Lab File: VV032345.D  
Acq: 09 Oct 2023 22:13



Tgt Ion: 96 Resp: 3205

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 125.5 | 96.9  | 180.1 |
| 98  | 63.1  | 45.3  | 84.1  |

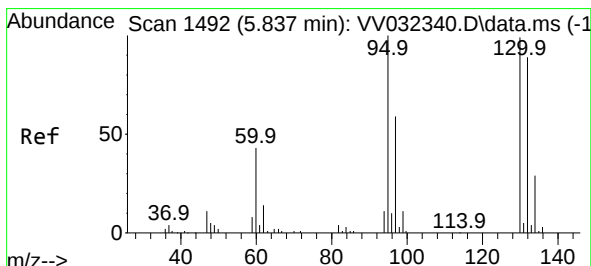
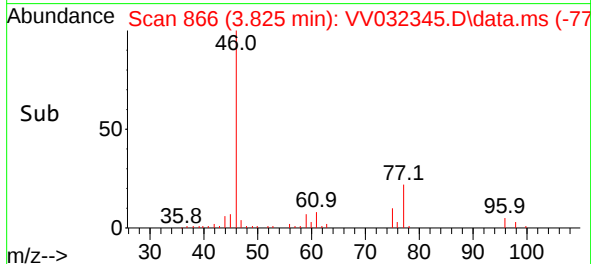
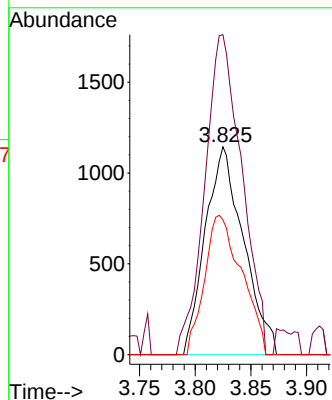
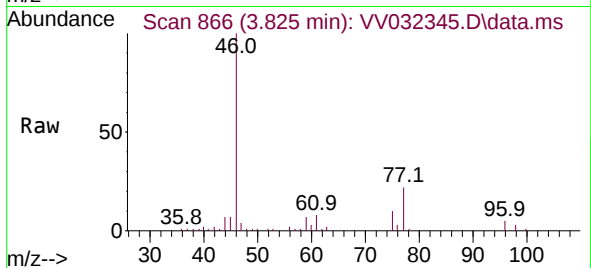




#22  
cis-1,2-Dichloroethene  
Concen: 0.295 ug/L  
RT: 3.825 min Scan# 865  
Delta R.T. 0.003 min  
Lab File: VV032345.D  
Acq: 09 Oct 2023 22:13

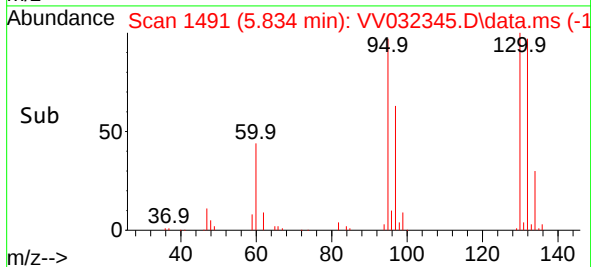
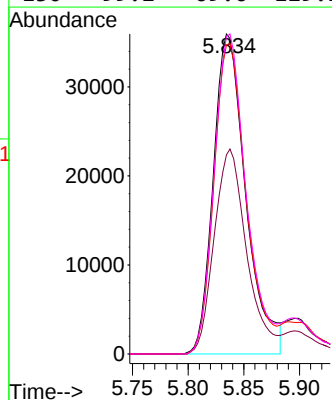
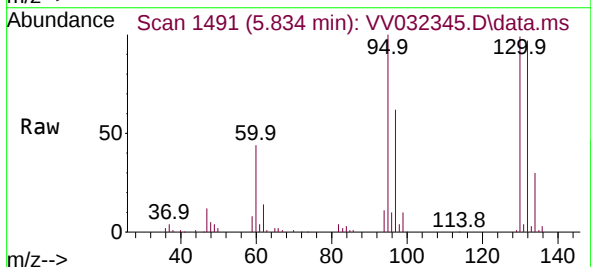
Instrument :  
MSVOA\_V  
ClientSampleId :

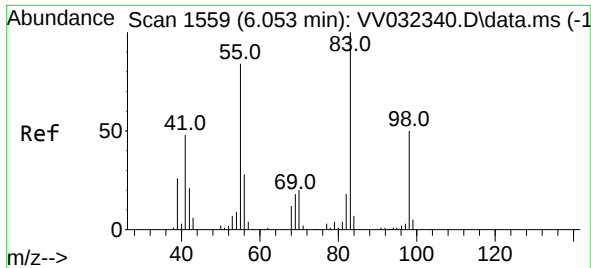
Tgt Ion: 96 Resp: 2738  
Ion Ratio Lower Upper  
96 100  
61 154.0 85.8 159.4  
98 64.9 44.0 81.6



#34  
Trichloroethene  
Concen: 6.536 ug/L  
RT: 5.834 min Scan# 1491  
Delta R.T. -0.003 min  
Lab File: VV032345.D  
Acq: 09 Oct 2023 22:13

Tgt Ion: 95 Resp: 72781  
Ion Ratio Lower Upper  
95 100  
97 62.2 45.7 84.9  
132 96.6 70.3 130.5  
130 99.2 69.6 129.2

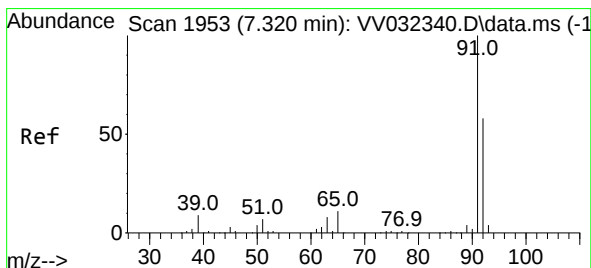
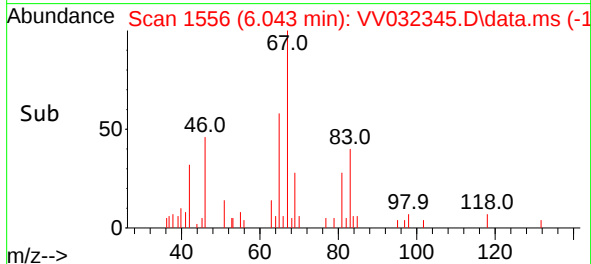
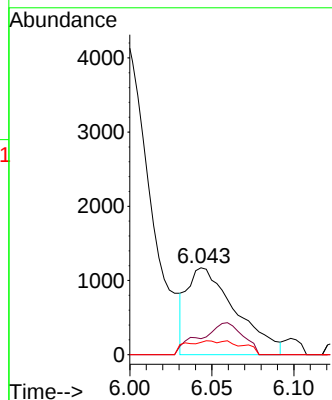
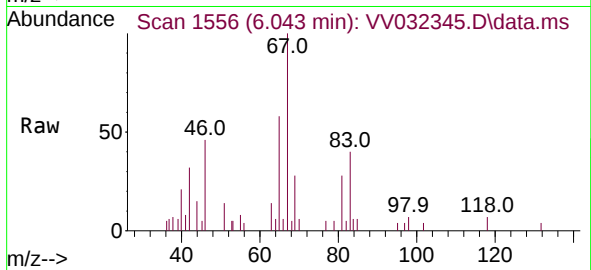




#35  
Methylcyclohexane  
Concen: 0.139 ug/L  
RT: 6.043 min Scan# 1556  
Delta R.T. -0.010 min  
Lab File: VV032345.D  
Acq: 09 Oct 2023 22:13

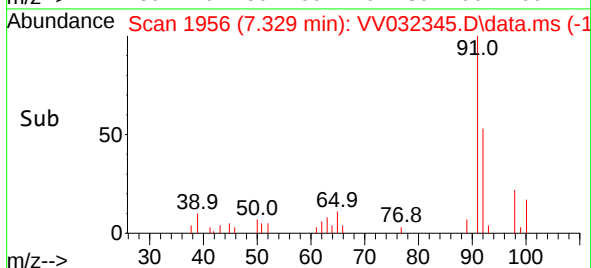
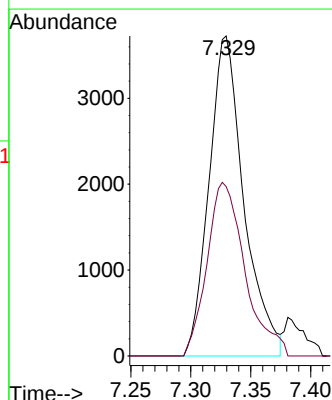
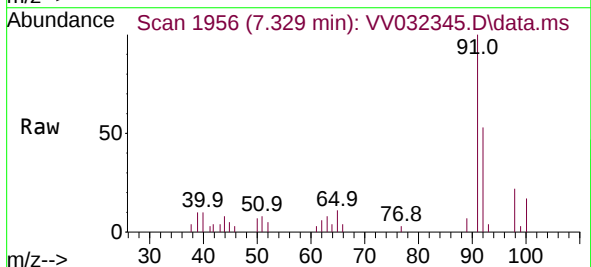
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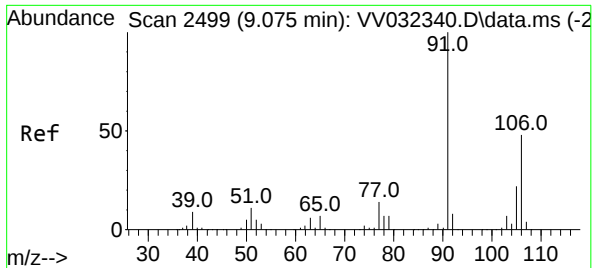
Tgt Ion: 83 Resp: 2401  
Ion Ratio Lower Upper  
83 100  
55 32.4 64.2 96.2#  
98 10.3 39.6 59.4#



#42  
Toluene  
Concen: 0.173 ug/L  
RT: 7.329 min Scan# 1956  
Delta R.T. 0.010 min  
Lab File: VV032345.D  
Acq: 09 Oct 2023 22:13

Tgt Ion: 91 Resp: 7521  
Ion Ratio Lower Upper  
91 100  
92 52.9 40.8 75.8

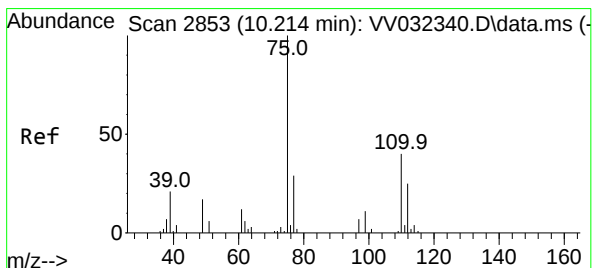
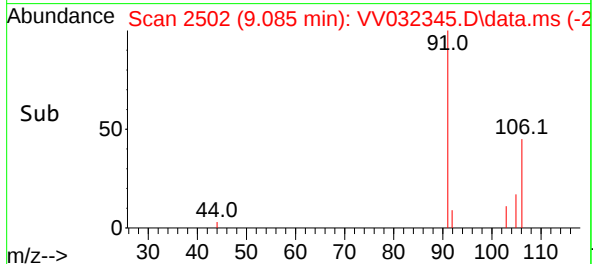
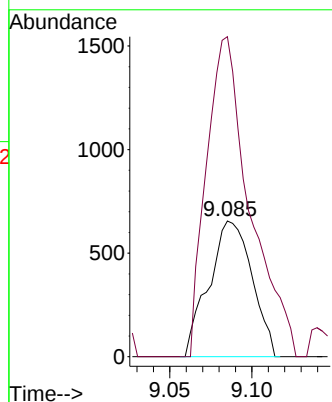
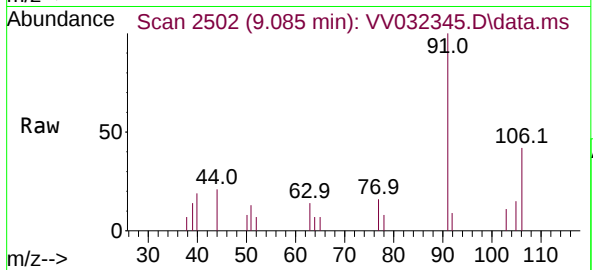




#53  
m,p-Xylene  
Concen: 0.067 ug/L  
RT: 9.085 min Scan# 21  
Delta R.T. 0.010 min  
Lab File: VV032345.D  
Acq: 09 Oct 2023 22:13

Instrument :  
MSVOA\_V  
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Tgt Ion:106 Resp: 1198  
Ion Ratio Lower Upper  
106 100  
91 235.9 144.5 268.3



#61  
1,2,3-Trichloropropane  
Concen: 1.254 ug/L  
RT: 11.191 min Scan# 3157  
Delta R.T. 0.978 min  
Lab File: VV032345.D  
Acq: 09 Oct 2023 22:13

Tgt Ion: 75 Resp: 7147  
Ion Ratio Lower Upper  
75 100  
77 31.5 26.2 39.2  
110 2.2 30.6 46.0#

