

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV022224\  
 Data File : VV034349.D  
 Acq On : 22 Feb 2024 16:03  
 Operator : SY/MD  
 Sample : P1566-02  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Feb 23 01:18:29 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR012524WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Feb 23 01:14:23 2024  
 Response via : Initial Calibration

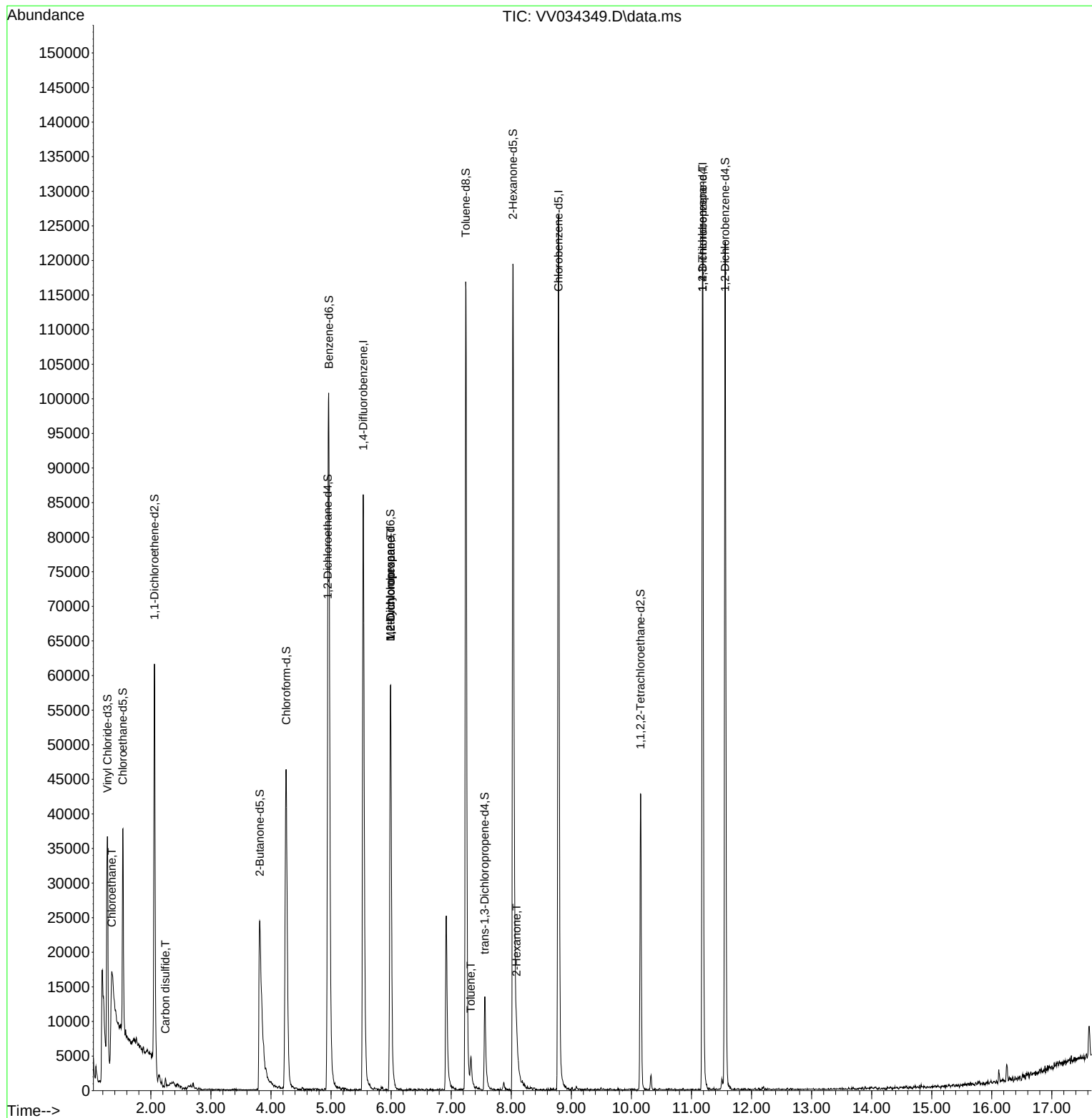
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.535  | 114            | 74253    | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.786  | 117            | 69822    | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188 | 152            | 34438    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65             | 17206    | 2.992  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 59.800%  |          |
| 7) Chloroethane-d5            | 1.532  | 69             | 18679    | 3.708  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 74.200%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.060  | 65             | 9872     | 3.560  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 71.200%  |          |
| 20) 2-Butanone-d5             | 3.812  | 46             | 51504    | 53.327 | ug/L     | -0.02    |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 106.660% |          |
| 24) Chloroform-d              | 4.252  | 84             | 50230    | 4.807  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 96.200%  |          |
| 26) 1,2-Dichloroethane-d4     | 4.944  | 65             | 25920    | 5.308  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 106.200% |          |
| 32) Benzene-d6                | 4.963  | 84             | 90818    | 4.335  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 86.800%  |          |
| 36) 1,2-Dichloropropane-d6    | 5.989  | 67             | 27815    | 4.750  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 95.000%  |          |
| 41) Toluene-d8                | 7.243  | 98             | 79979    | 4.154  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 83.000%  |          |
| 43) trans-1,3-Dichloroprop... | 7.558  | 79             | 8757     | 3.960  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 79.200%  |          |
| 46) 2-Hexanone-d5             | 8.027  | 63             | 44276    | 56.094 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 112.180% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153 | 84             | 18961    | 5.341  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 106.800% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561 | 152            | 31654    | 5.054  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 101.000% |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 8) Chloroethane               | 1.349  | 64             | 29931    | 6.186  | ug/L #   | 53       |
| 14) Carbon disulfide          | 2.243  | 76             | 2297     | 0.137  | ug/L #   | 93       |
| 35) Methylcyclohexane         | 5.989  | 83             | 7017     | 0.738  | ug/L #   | 17       |
| 37) 1,2-Dichloropropane       | 5.992  | 63             | 3198     | 0.630  | ug/L #   | 87       |
| 42) Toluene                   | 7.326  | 91             | 3338     | 0.149  | ug/L     | 96       |
| 48) 2-Hexanone                | 8.088  | 43             | 4526     | 2.643  | ug/L #   | 55       |
| 61) 1,2,3-Trichloropropane    | 11.185 | 75             | 4161     | 1.758  | ug/L #   | 61       |
| -----                         |        |                |          |        |          |          |

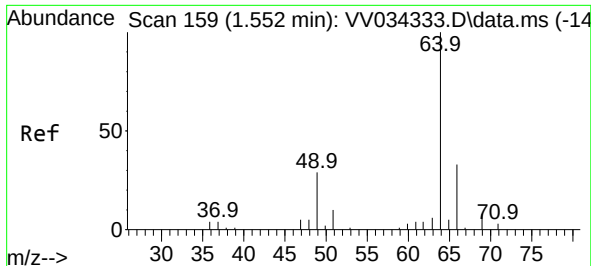
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Chloroethane

Concen: 6.186 ug/L

RT: 1.349 min Scan# 90

Delta R.T. -0.203 min

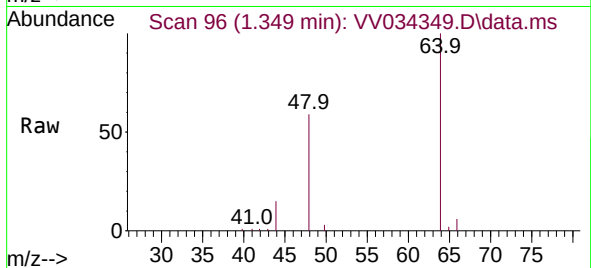
Lab File: VV034349.D

Acq: 22 Feb 2024 16:03

Instrument :

MSVOA\_V

ClientSampleId :

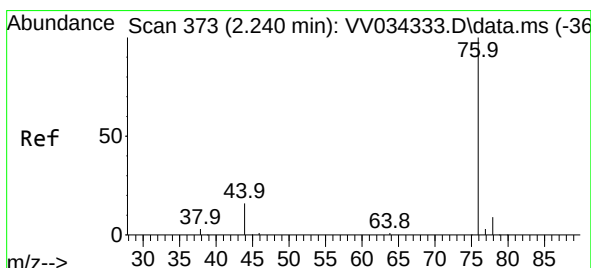
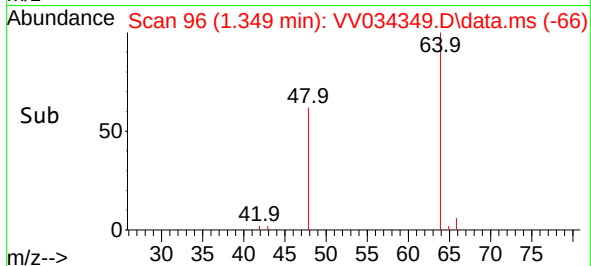
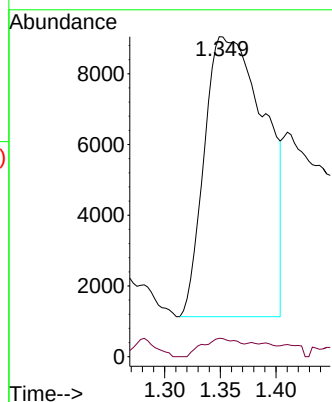


Tgt Ion: 64 Resp: 29931

Ion Ratio Lower Upper

64 100

66 5.7 22.0 41.0#



#14

Carbon disulfide

Concen: 0.137 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV034349.D

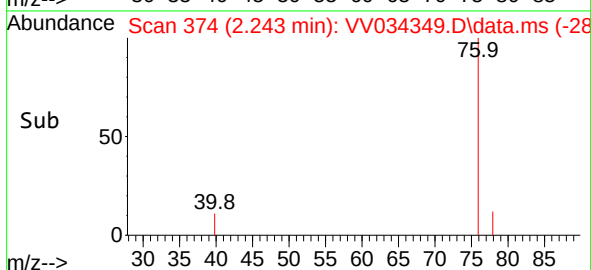
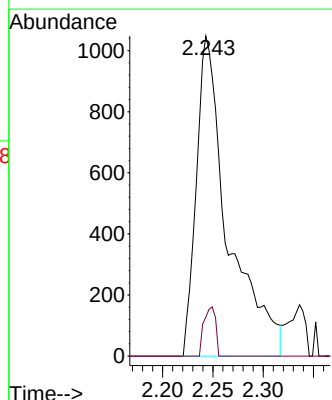
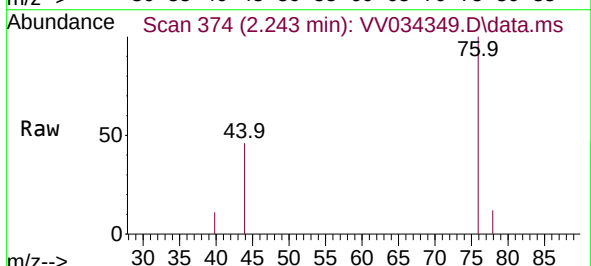
Acq: 22 Feb 2024 16:03

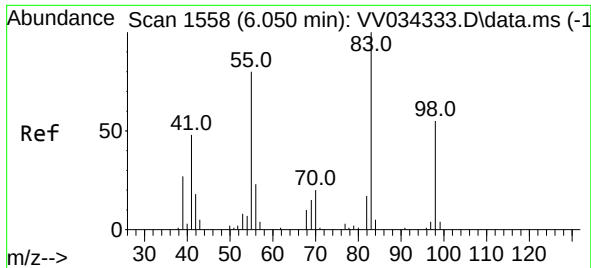
Tgt Ion: 76 Resp: 2297

Ion Ratio Lower Upper

76 100

78 12.1 7.5 11.3#

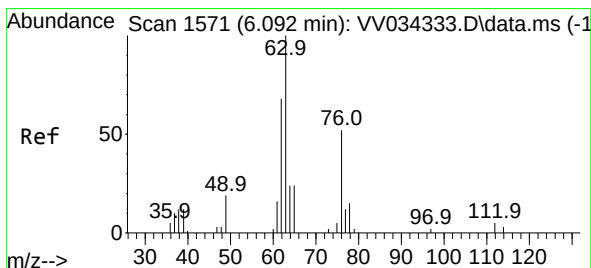
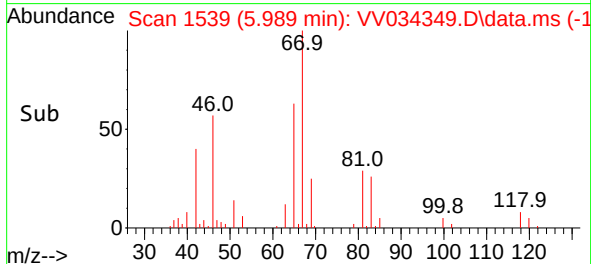
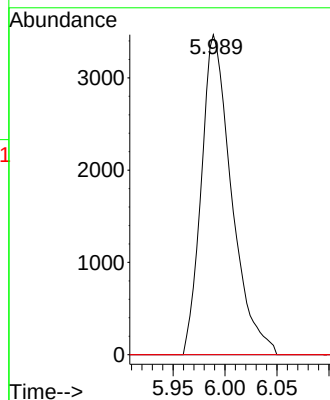
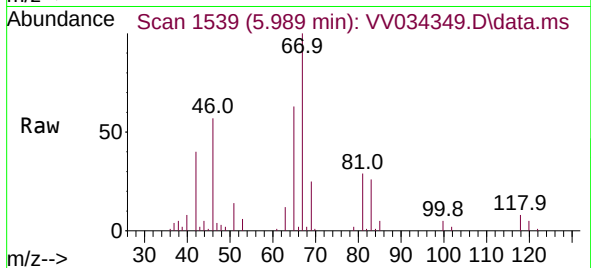




#35  
Methylcyclohexane  
Concen: 0.738 ug/L  
RT: 5.989 min Scan# 1539  
Delta R.T. -0.061 min  
Lab File: VV034349.D  
Acq: 22 Feb 2024 16:03

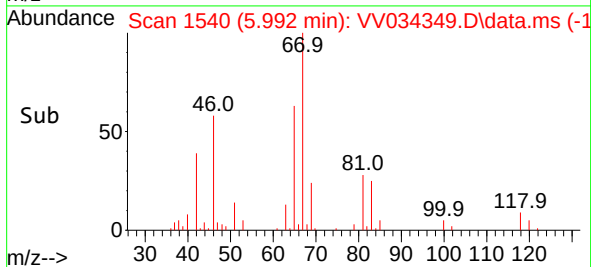
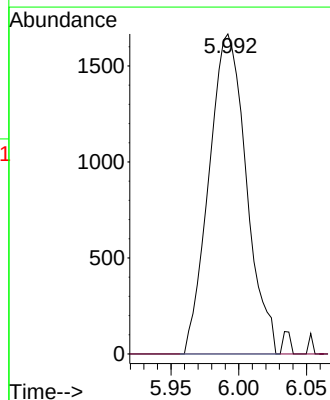
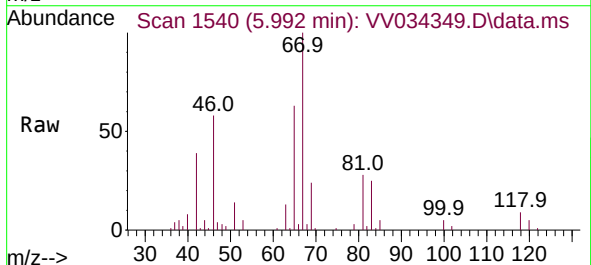
Instrument :  
MSVOA\_V  
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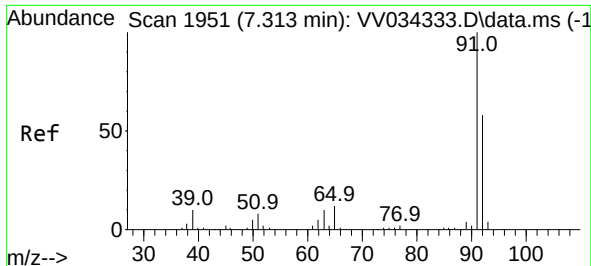
| Tgt Ion | 83    | Resp  | 7017  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 83      | 100   |       |       |
| 55      | 0.0   | 63.5  | 95.3# |
| 98      | 0.0   | 39.0  | 58.4# |



#37  
1,2-Dichloropropane  
Concen: 0.630 ug/L  
RT: 5.992 min Scan# 1540  
Delta R.T. -0.100 min  
Lab File: VV034349.D  
Acq: 22 Feb 2024 16:03

| Tgt Ion | 63    | Resp  | 3198  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 63      | 100   |       |       |
| 112     | 0.0   | 3.4   | 5.0#  |





#42

Toluene

Concen: 0.149 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.013 min

Lab File: VV034349.D

Acq: 22 Feb 2024 16:03

Instrument :

MSVOA\_V

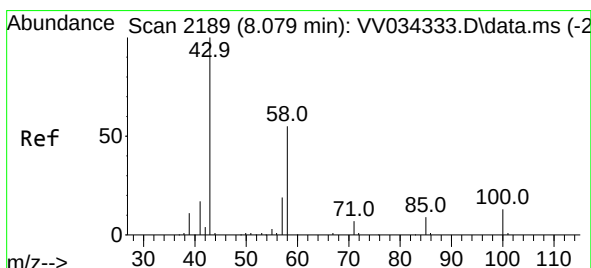
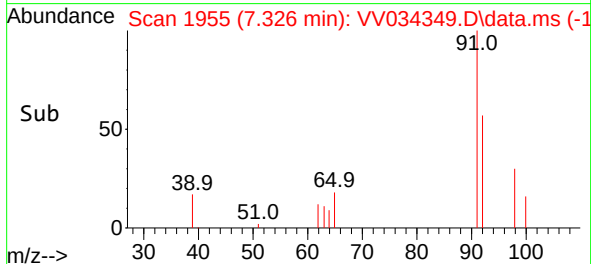
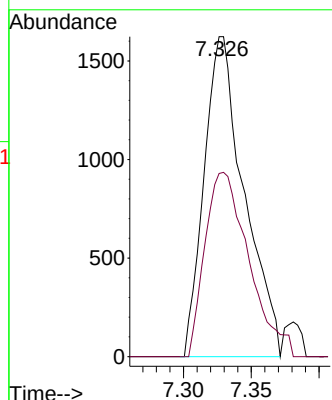
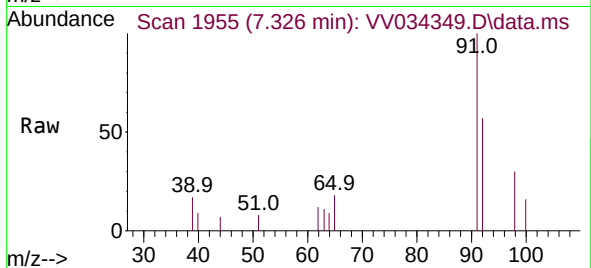
ClientSampleId :

Tgt Ion: 91 Resp: 3338

Ion Ratio Lower Upper

91 100

92 57.2 42.1 78.3



#48

2-Hexanone

Concen: 2.643 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. 0.010 min

Lab File: VV034349.D

Acq: 22 Feb 2024 16:03

Tgt Ion: 43 Resp: 4526

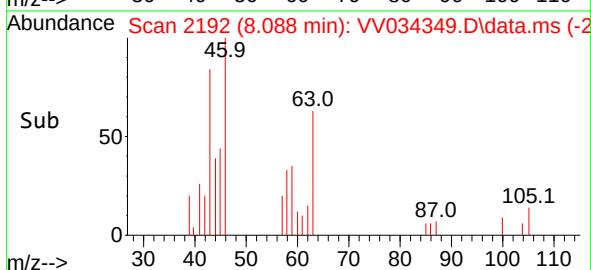
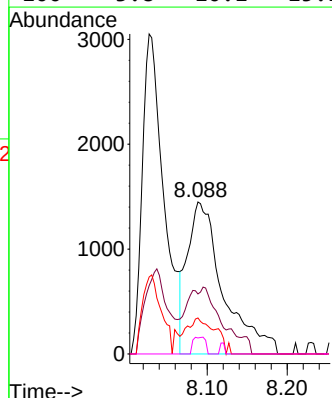
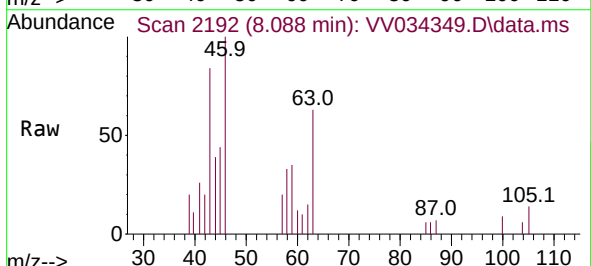
Ion Ratio Lower Upper

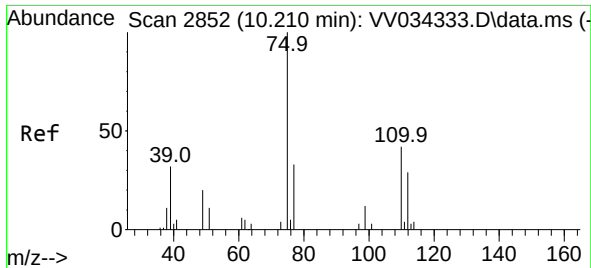
43 100

58 5.6 42.6 64.0#

57 19.0 15.5 23.3

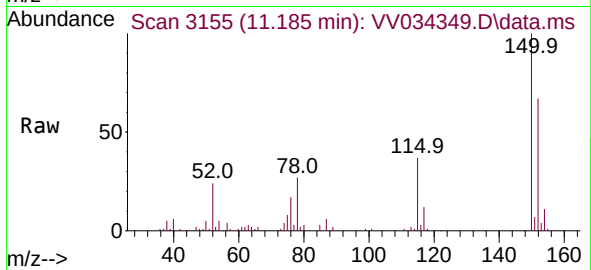
100 3.8 10.1 15.1#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.758 ug/L  
 RT: 11.185 min Scan# 31  
 Delta R.T. 0.974 min  
 Lab File: VV034349.D  
 Acq: 22 Feb 2024 16:03

Instrument :  
 MSVOA\_V  
 ClientSampleId :



Tgt Ion: 75 Resp: 4161  
 Ion Ratio Lower Upper  
 75 100  
 77 37.1 26.9 40.3  
 110 0.0 33.3 49.9#

