

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV091924\  
 Data File : VV037377.D  
 Acq On : 19 Sep 2024 13:01  
 Operator : SY/MD  
 Sample : P4081-03RE  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Sep 20 01:56:46 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR091024WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Sep 20 01:54:17 2024  
 Response via : Initial Calibration

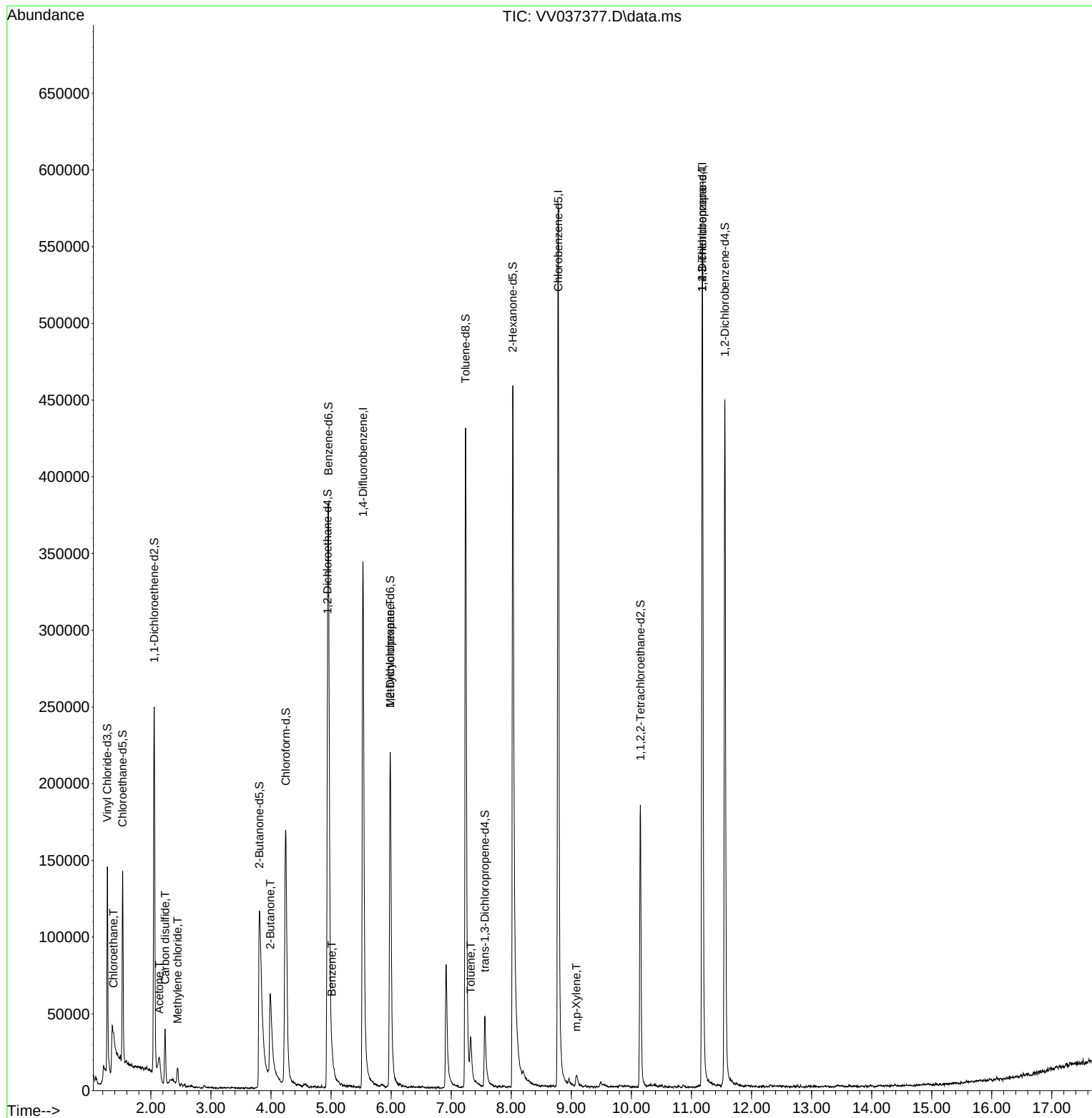
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.532  | 114   | 320783   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783  | 117   | 337041   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.181 | 152   | 152212   | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.275  | 65    | 89661    | 4.764    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 95.200%  |
| 7) Chloroethane-d5            | 1.529  | 69    | 79141    | 4.033    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 80.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.056  | 65    | 41072    | 4.226    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 84.600%  |
| 20) 2-Butanone-d5             | 3.806  | 46    | 218939   | 38.927   | ug/L   | -0.03    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 77.860%  |
| 24) Chloroform-d              | 4.246  | 84    | 188401   | 4.123    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 82.400%  |
| 26) 1,2-Dichloroethane-d4     | 4.941  | 65    | 91461    | 4.275    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 85.400%  |
| 32) Benzene-d6                | 4.957  | 84    | 361038   | 3.995    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 80.000%  |
| 36) 1,2-Dichloropropane-d6    | 5.986  | 67    | 117926   | 4.196    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 84.000%  |
| 41) Toluene-d8                | 7.239  | 98    | 309499   | 3.801    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 76.000%  |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79    | 33955    | 3.673    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 73.400%  |
| 46) 2-Hexanone-d5             | 8.024  | 63    | 187593   | 41.536   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 83.080%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149 | 84    | 95766    | 4.181    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 83.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.558 | 152   | 120878   | 4.467    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 89.400%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 8) Chloroethane               | 1.378  | 64    | 83792    | 4.459    | ug/L # | 52       |
| 13) Acetone                   | 2.140  | 43    | 20845    | 5.323    | ug/L   | 98       |
| 14) Carbon disulfide          | 2.236  | 76    | 42401    | 0.598    | ug/L   | 100      |
| 16) Methylene chloride        | 2.445  | 84    | 3995     | 0.155    | ug/L # | 67       |
| 21) 2-Butanone                | 3.989  | 43    | 106665   | 17.921   | ug/L # | 51       |
| 33) Benzene                   | 5.011  | 78    | 14960    | 0.147    | ug/L   | 100      |
| 35) Methylcyclohexane         | 5.986  | 83    | 27487    | 0.661    | ug/L # | 19       |
| 42) Toluene                   | 7.326  | 91    | 24819    | 0.235    | ug/L   | 97       |
| 53) m,p-Xylene                | 9.085  | 106   | 2925     | 0.067    | ug/L   | 90       |
| 61) 1,2,3-Trichloropropane    | 11.181 | 75    | 20180    | 1.457    | ug/L # | 66       |
| -----                         |        |       |          |          |        |          |

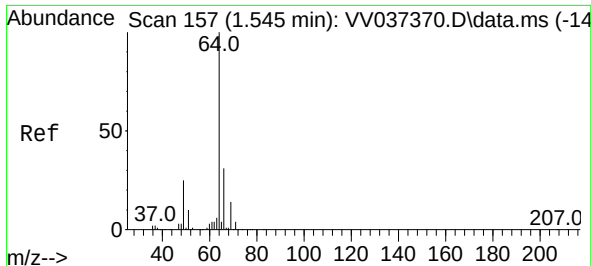
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : P4081-03RE  
Misc : 25mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

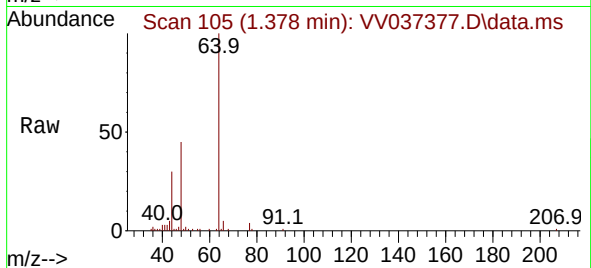
Quant Time: Sep 20 01:56:46 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR091024WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Sep 20 01:54:17 2024  
Response via : Initial Calibration



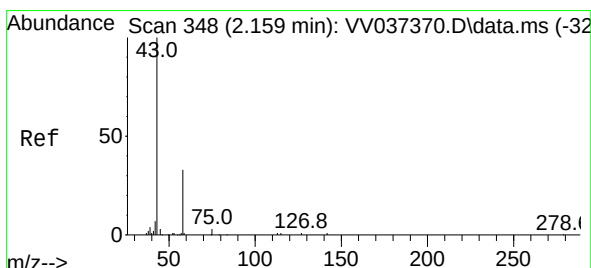
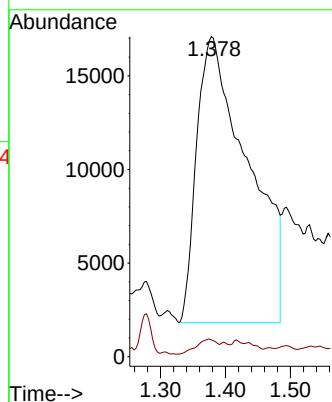
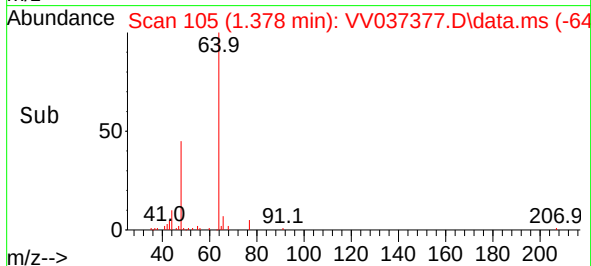


#8  
Chloroethane  
Concen: 4.459 ug/L  
RT: 1.378 min Scan# 105  
Delta R.T. -0.167 min  
Lab File: VV037377.D  
Acq: 19 Sep 2024 13:01

Instrument :  
MSVOA\_V  
ClientSampleId :

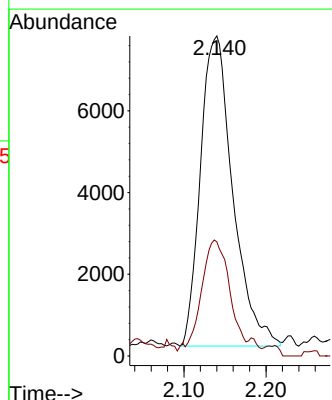
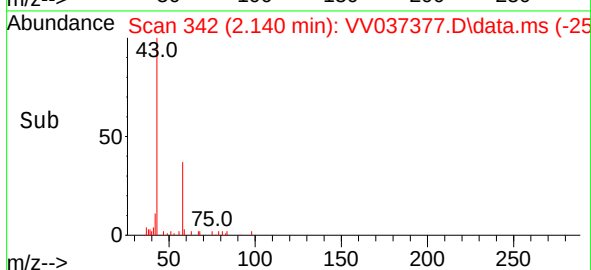
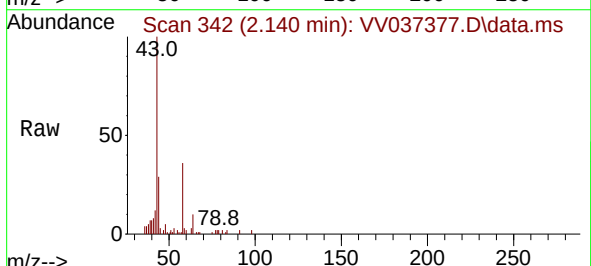


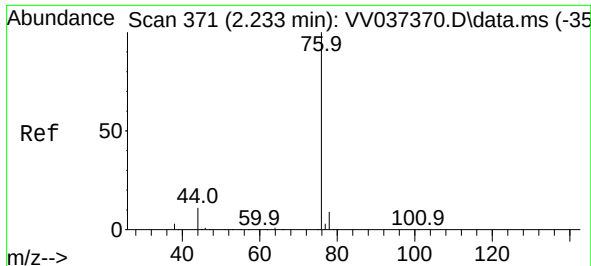
Tgt Ion: 64 Resp: 83792  
Ion Ratio Lower Upper  
64 100  
66 5.3 22.7 42.1#



#13  
Acetone  
Concen: 5.323 ug/L  
RT: 2.140 min Scan# 342  
Delta R.T. -0.019 min  
Lab File: VV037377.D  
Acq: 19 Sep 2024 13:01

Tgt Ion: 43 Resp: 20845  
Ion Ratio Lower Upper  
43 100  
58 33.6 0.0 69.2

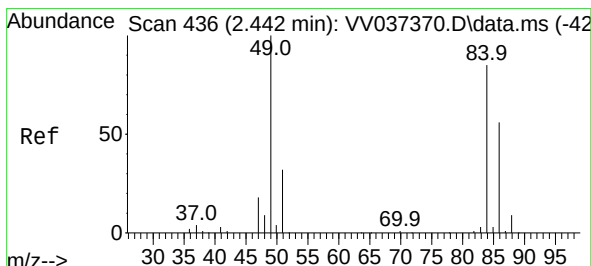
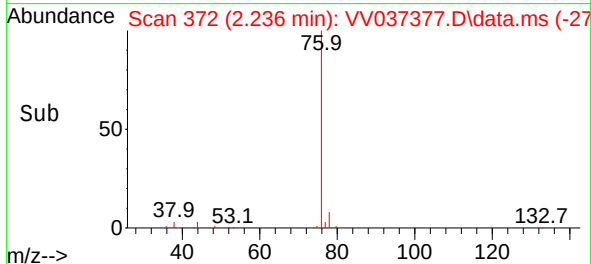
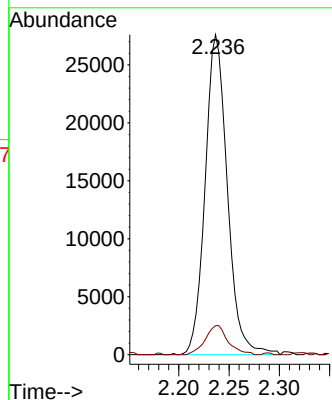
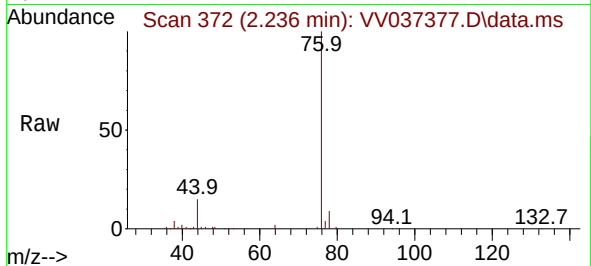




#14  
Carbon disulfide  
Concen: 0.598 ug/L  
RT: 2.236 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VV037377.D  
Acq: 19 Sep 2024 13:01

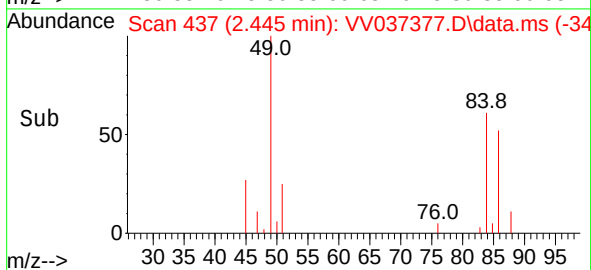
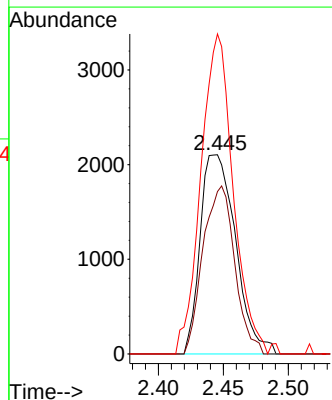
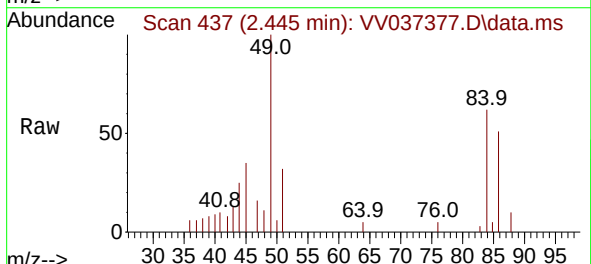
Instrument :  
MSVOA\_V  
ClientSampleId :

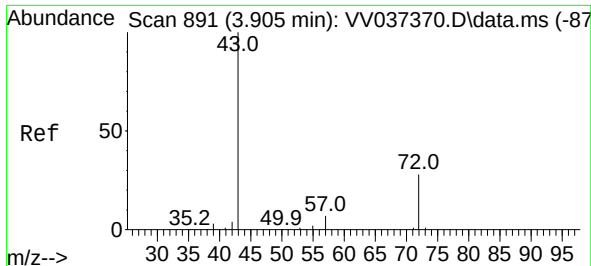
Tgt Ion: 76 Resp: 42401  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.3 10.9



#16  
Methylene chloride  
Concen: 0.155 ug/L  
RT: 2.445 min Scan# 437  
Delta R.T. 0.003 min  
Lab File: VV037377.D  
Acq: 19 Sep 2024 13:01

Tgt Ion: 84 Resp: 3995  
Ion Ratio Lower Upper  
84 100  
86 81.5 44.0 81.8  
49 160.6 83.0 154.1#





#21

2-Butanone

Concen: 17.921 ug/L

RT: 3.989 min Scan# 917

Delta R.T. 0.084 min

Lab File: VV037377.D

Acq: 19 Sep 2024 13:01

Instrument :

MSVOA\_V

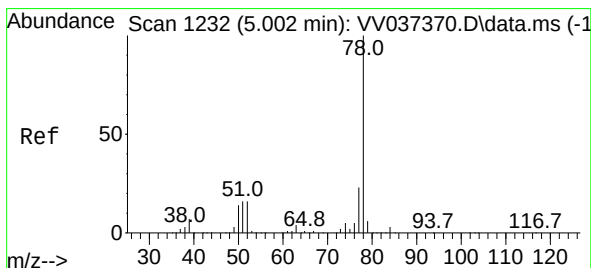
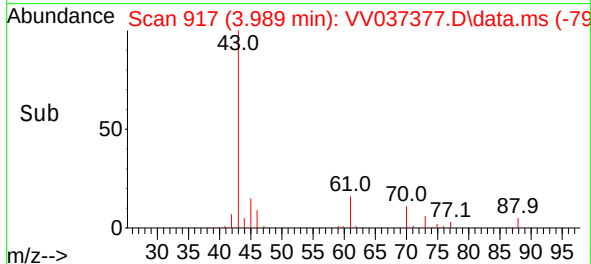
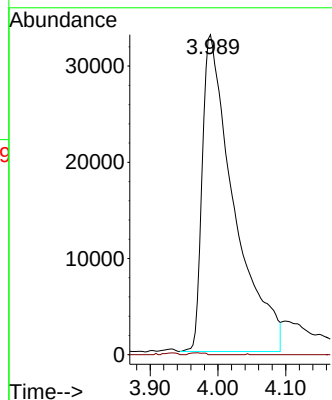
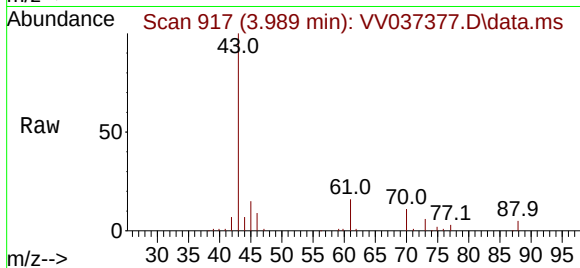
ClientSampleId :

Tgt Ion: 43 Resp: 106665

Ion Ratio Lower Upper

43 100

72 0.3 12.2 36.6#



#33

Benzene

Concen: 0.147 ug/L

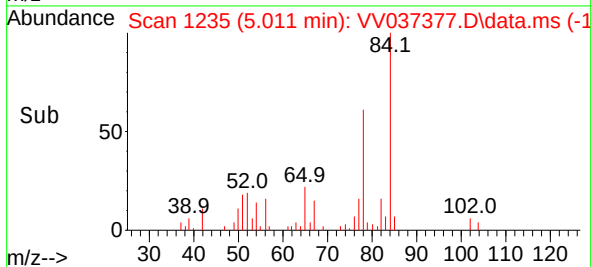
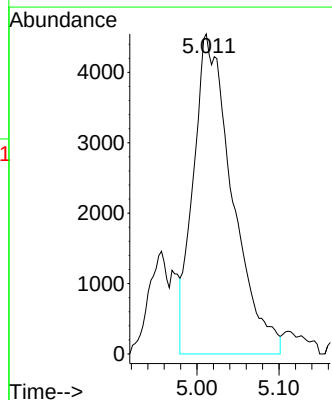
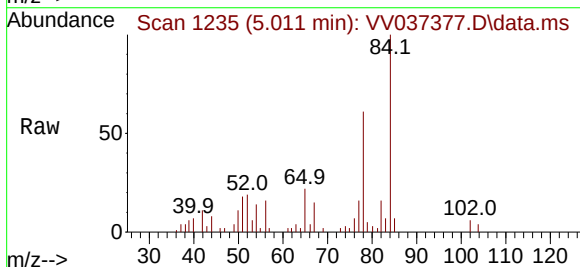
RT: 5.011 min Scan# 1235

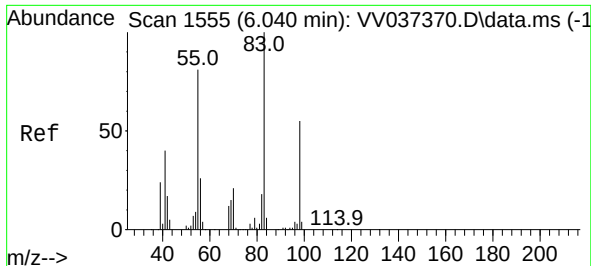
Delta R.T. 0.010 min

Lab File: VV037377.D

Acq: 19 Sep 2024 13:01

Tgt Ion: 78 Resp: 14960





#35

Methylcyclohexane

Concen: 0.661 ug/L

RT: 5.986 min Scan# 1

Delta R.T. -0.055 min

Lab File: VV037377.D

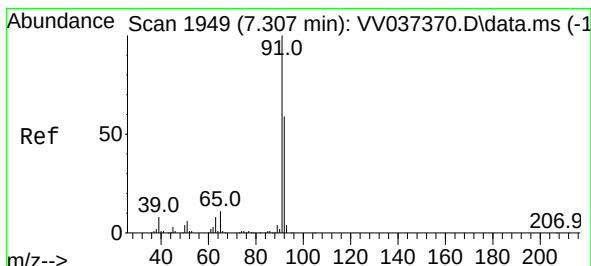
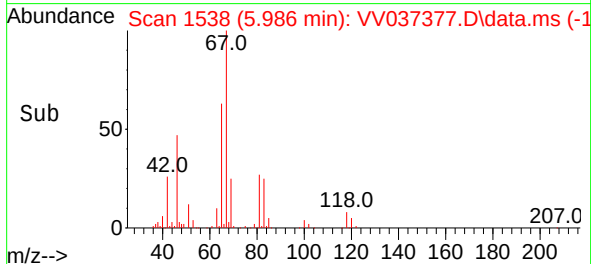
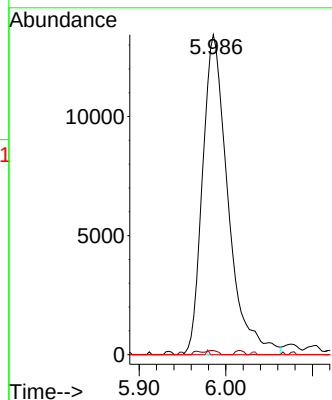
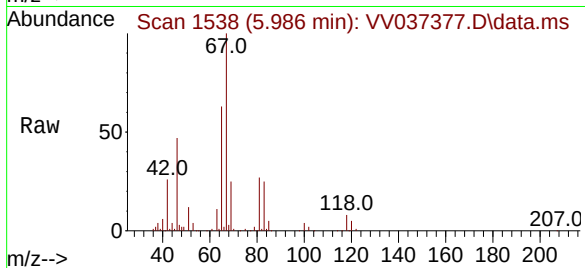
Acq: 19 Sep 2024 13:01

Instrument :

MSVOA\_V

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 27487 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 0.6   | 60.3  | 90.5# |
| 98       | 0.1   | 38.2  | 57.4# |



#42

Toluene

Concen: 0.235 ug/L

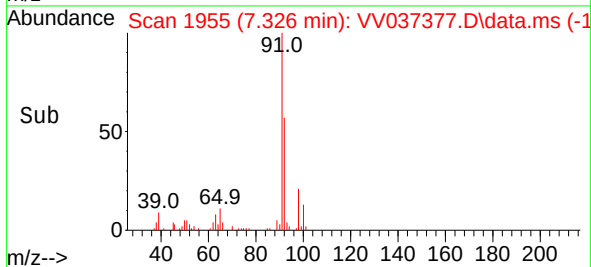
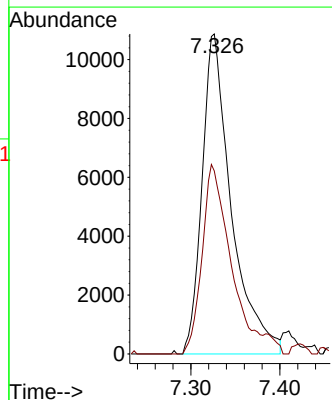
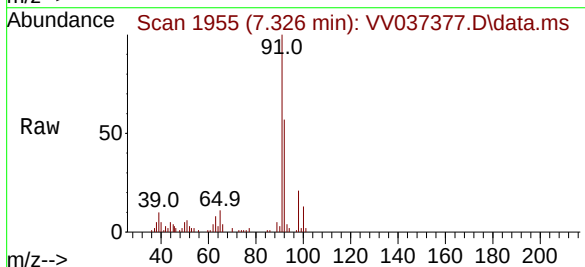
RT: 7.326 min Scan# 1955

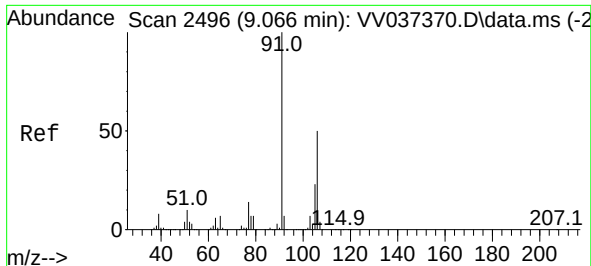
Delta R.T. 0.019 min

Lab File: VV037377.D

Acq: 19 Sep 2024 13:01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 24819 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 57.2  | 41.4  | 77.0  |





#53

m,p-Xylene

Concen: 0.067 ug/L

RT: 9.085 min Scan# 21

Delta R.T. 0.019 min

Lab File: VV037377.D

Acq: 19 Sep 2024 13:01

Instrument :

MSVOA\_V

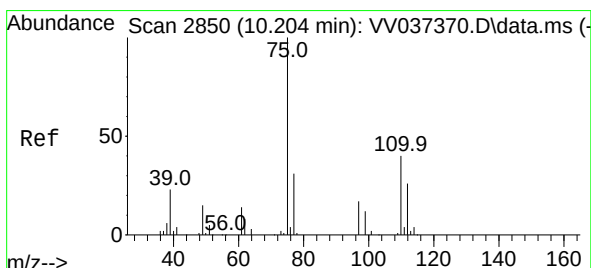
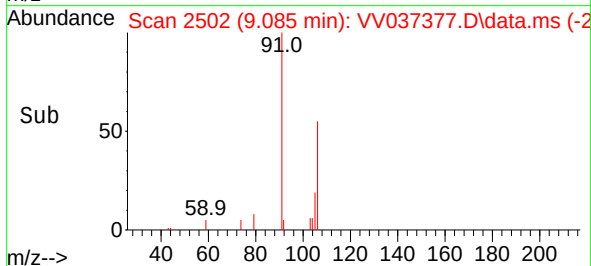
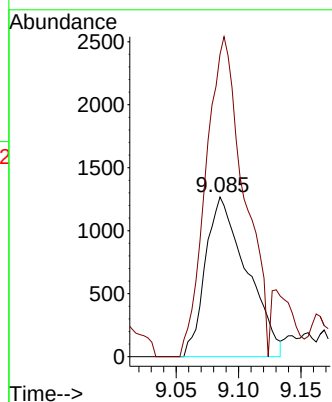
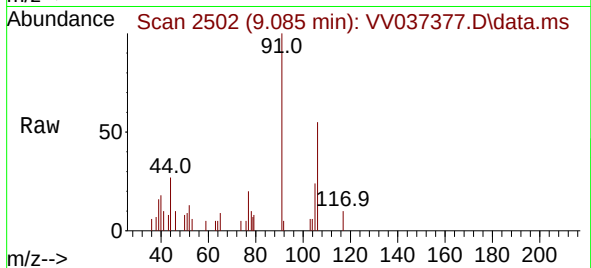
ClientSampleId :

Tgt Ion:106 Resp: 2925

Ion Ratio Lower Upper

106 100

91 189.5 143.3 266.1



#61

1,2,3-Trichloropropane

Concen: 1.457 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.977 min

Lab File: VV037377.D

Acq: 19 Sep 2024 13:01

Tgt Ion: 75 Resp: 20180

Ion Ratio Lower Upper

75 100

77 30.6 25.6 38.4

110 2.5 31.0 46.4#

