

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU102722\  
 Data File : VU051545.D  
 Acq On : 27 Oct 2022 17:33  
 Operator : JC/MD  
 Sample : N5270-16  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BHAE0

Quant Time: Oct 28 00:11:03 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR100722WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Oct 28 00:08:00 2022  
 Response via : Initial Calibration

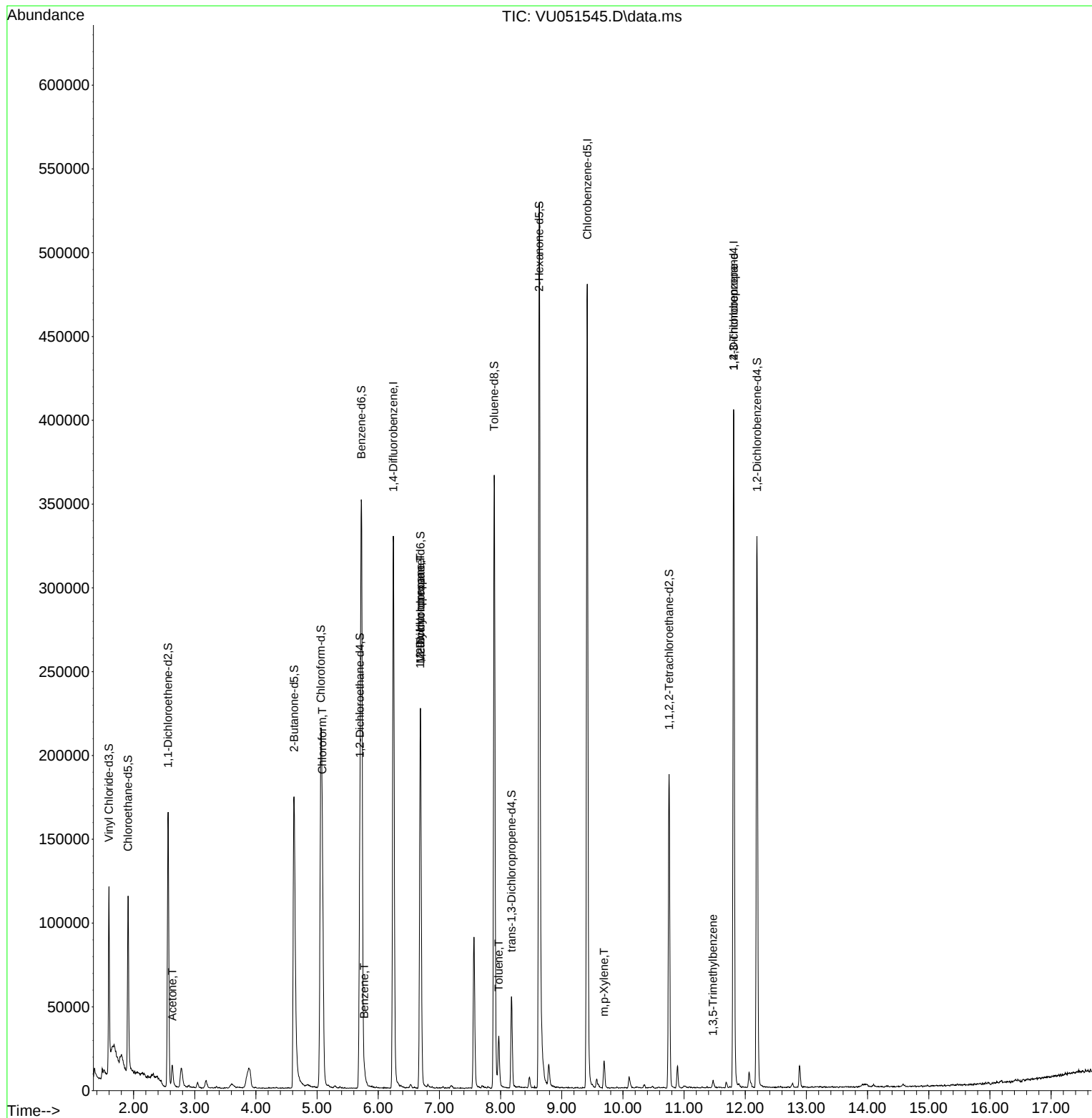
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247  | 114   | 280146   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117   | 278658   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152   | 114739   | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65    | 81219    | 3.594    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 71.800%  |
| 7) Chloroethane-d5            | 1.909  | 69    | 81547    | 4.200    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 84.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 65    | 31148    | 3.487    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 69.800%  |
| 20) 2-Butanone-d5             | 4.623  | 46    | 246285   | 49.502   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 99.000%  |
| 24) Chloroform-d              | 5.060  | 84    | 177283   | 4.208    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 84.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.700  | 65    | 92442    | 4.255    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 85.000%  |
| 32) Benzene-d6                | 5.726  | 84    | 340486   | 4.442    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 88.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.690  | 67    | 115971   | 4.454    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 89.000%  |
| 41) Toluene-d8                | 7.896  | 98    | 257869   | 3.760    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 75.200%  |
| 43) trans-1,3-Dichloroprop... | 8.179  | 79    | 31783    | 3.716    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 74.400%  |
| 46) 2-Hexanone-d5             | 8.632  | 63    | 182880   | 63.440   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 126.880% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754 | 84    | 96231    | 4.627    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 92.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192 | 152   | 93335    | 4.680    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 93.600%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 13) Acetone                   | 2.633  | 43    | 15841    | 4.245    | ug/L   | 98       |
| 25) Chloroform                | 5.086  | 83    | 102892   | 2.221    | ug/L   | 97       |
| 33) Benzene                   | 5.771  | 78    | 6889     | 0.074    | ug/L   | 100      |
| 35) Methylcyclohexane         | 6.690  | 83    | 26373    | 0.901    | ug/L # | 17       |
| 37) 1,2-Dichloropropane       | 6.687  | 63    | 11636    | 0.456    | ug/L # | 88       |
| 42) Toluene                   | 7.970  | 91    | 22335    | 0.226    | ug/L   | 99       |
| 53) m,p-Xylene                | 9.693  | 106   | 5879     | 0.171    | ug/L   | 73       |
| 61) 1,2,3-Trichloropropane    | 11.812 | 75    | 12717    | 0.878    | ug/L # | 70       |
| 62) 1,3,5-Trimethylbenzene    | 11.475 | 105   | 3040     | 0.158    | ug/L   | 96       |
| -----                         |        |       |          |          |        |          |

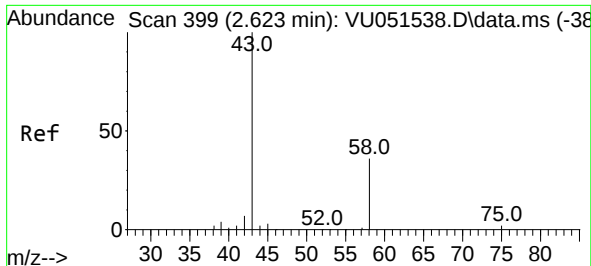
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.245 ug/L

RT: 2.633 min Scan# 402

Delta R.T. 0.010 min

Lab File: VU051545.D

Acq: 27 Oct 2022 17:33

Instrument :

MSVOA\_U

ClientSampleId :

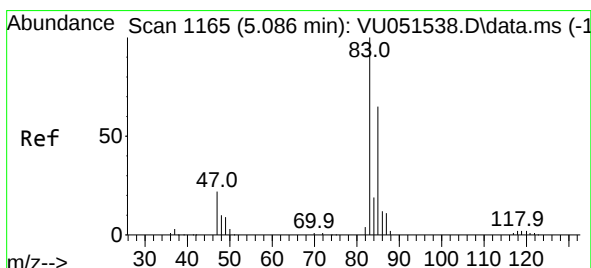
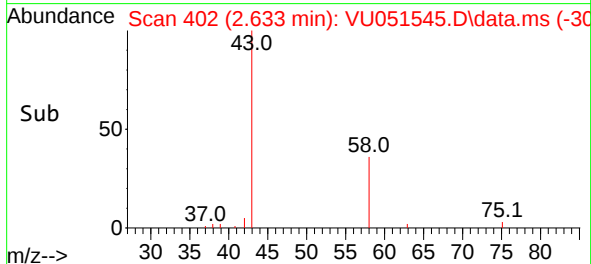
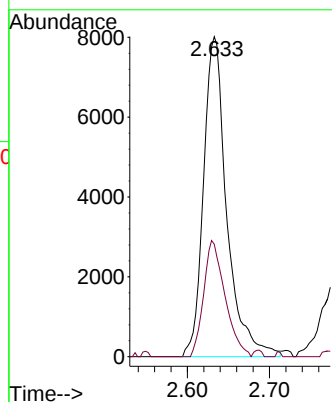
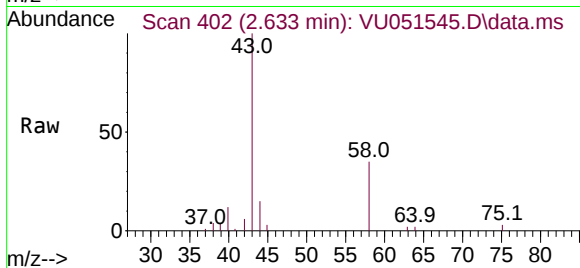
BHAE0

Tgt Ion: 43 Resp: 15841

Ion Ratio Lower Upper

43 100

58 33.3 0.0 68.8



#25

Chloroform

Concen: 2.221 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051545.D

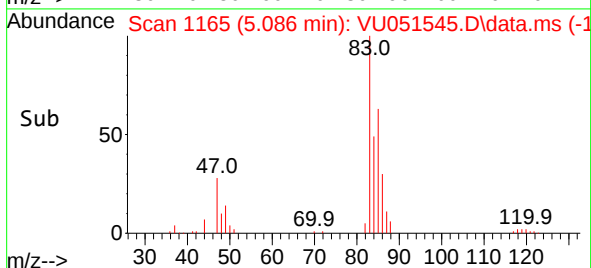
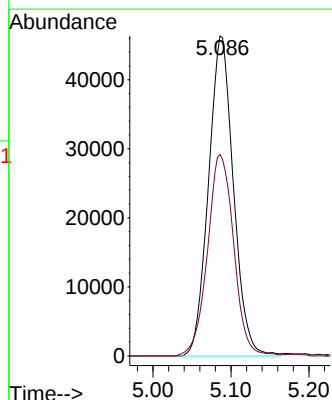
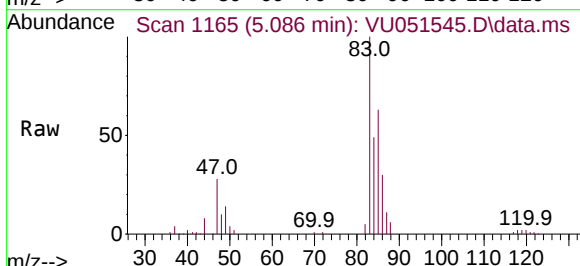
Acq: 27 Oct 2022 17:33

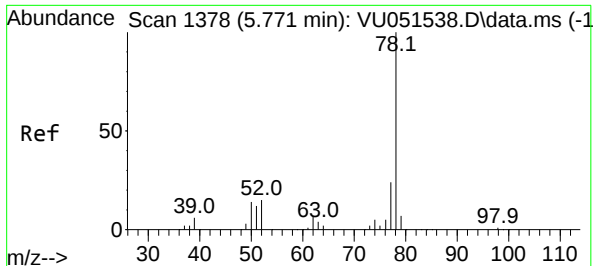
Tgt Ion: 83 Resp: 102892

Ion Ratio Lower Upper

83 100

85 63.0 45.6 84.6

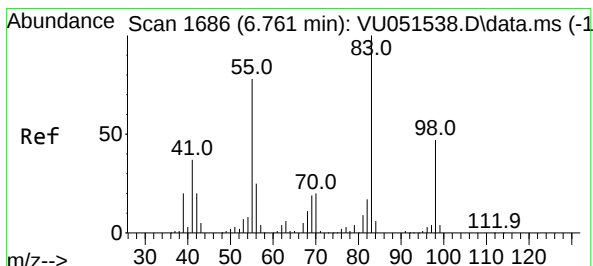
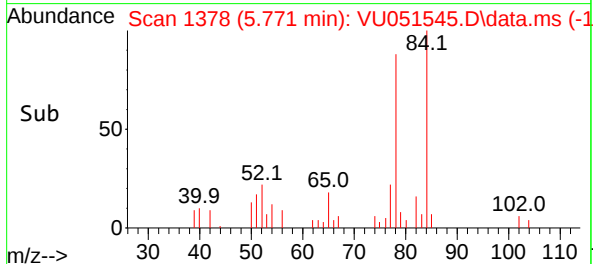
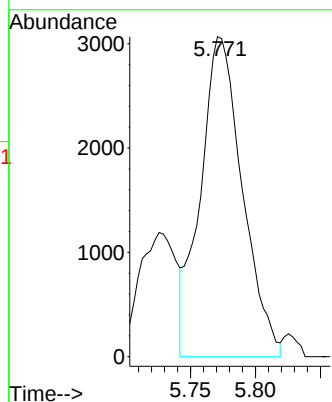
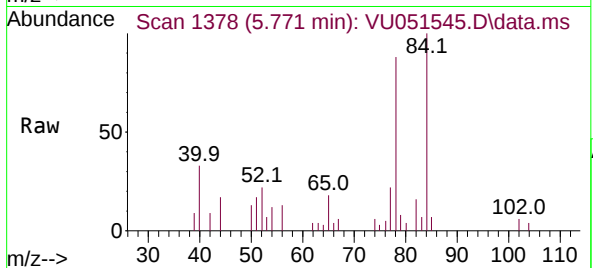




#33  
Benzene  
Concen: 0.074 ug/L  
RT: 5.771 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VU051545.D  
Acq: 27 Oct 2022 17:33

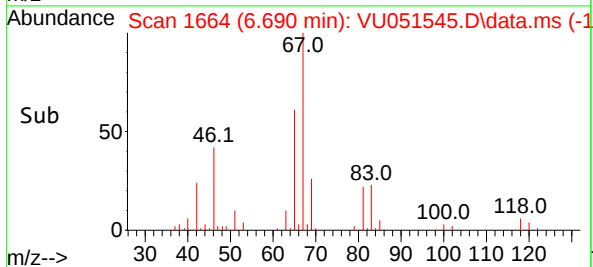
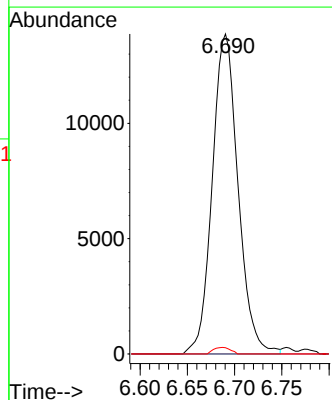
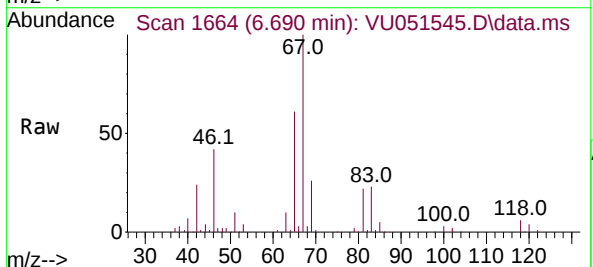
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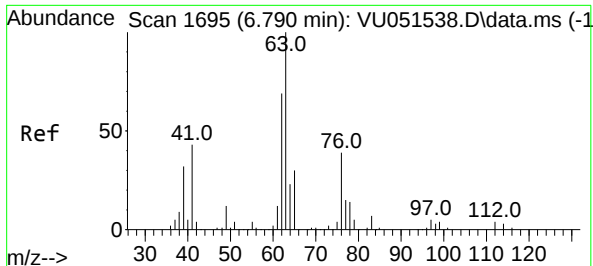
Tgt Ion: 78 Resp: 6889



#35  
Methylcyclohexane  
Concen: 0.901 ug/L  
RT: 6.690 min Scan# 1664  
Delta R.T. -0.071 min  
Lab File: VU051545.D  
Acq: 27 Oct 2022 17:33

Tgt Ion: 83 Resp: 26373  
Ion Ratio Lower Upper  
83 100  
55 0.0 65.8 98.6#  
98 1.4 35.9 53.9#





#37

1,2-Dichloropropane

Concen: 0.456 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU051545.D

Acq: 27 Oct 2022 17:33

Instrument :

MSVOA\_U

ClientSampleId :

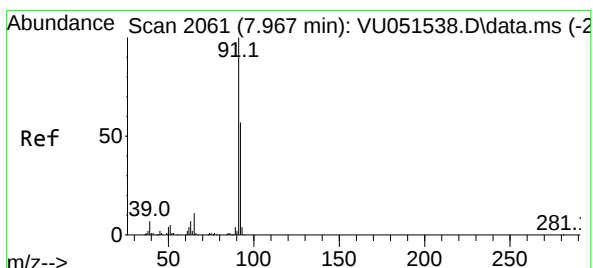
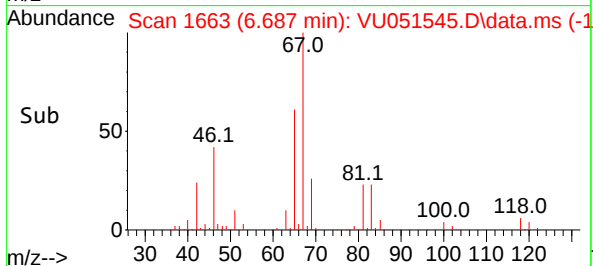
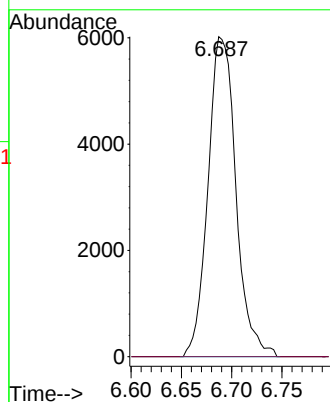
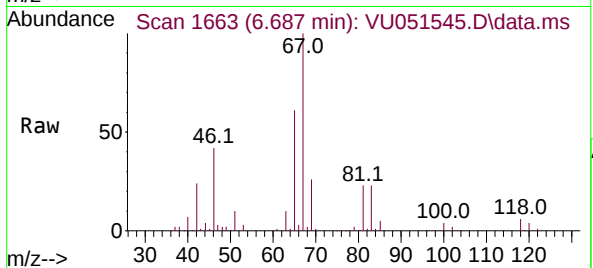
BHAE0

Tgt Ion: 63 Resp: 11636

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#42

Toluene

Concen: 0.226 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU051545.D

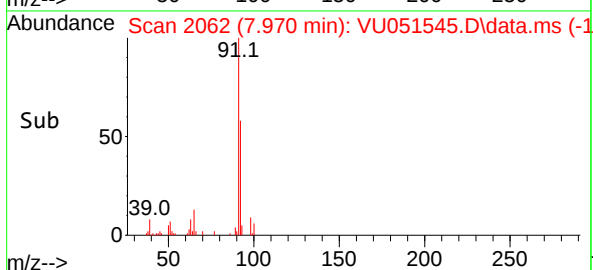
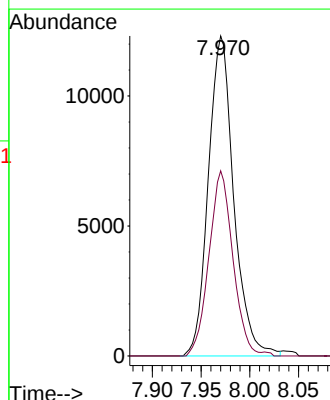
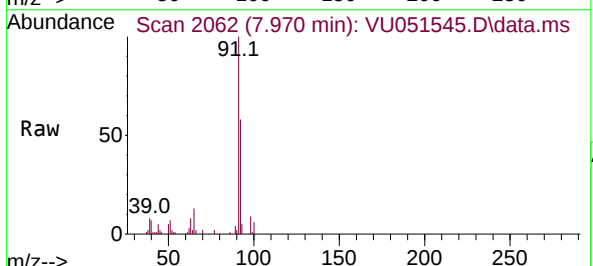
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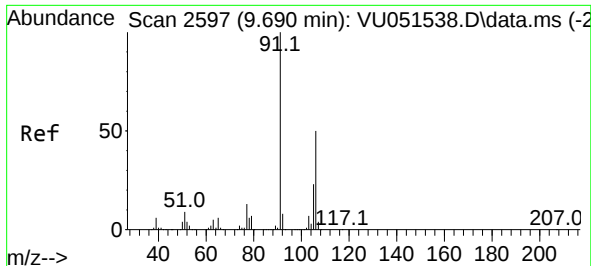
Tgt Ion: 91 Resp: 22335

Ion Ratio Lower Upper

91 100

92 57.9 39.9 74.1

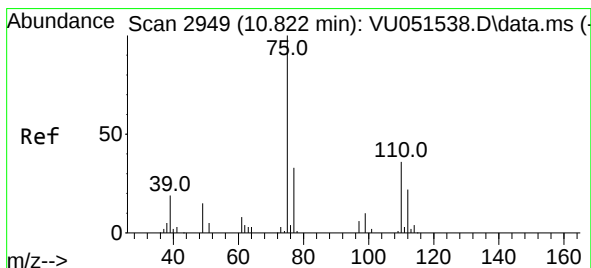
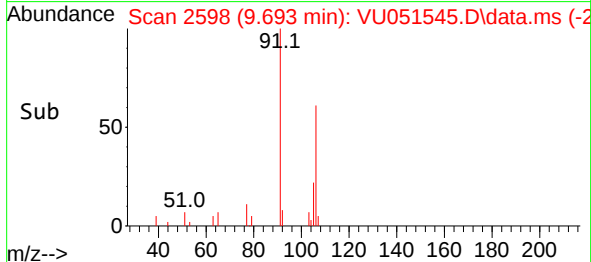
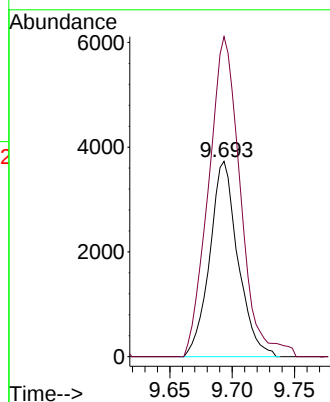
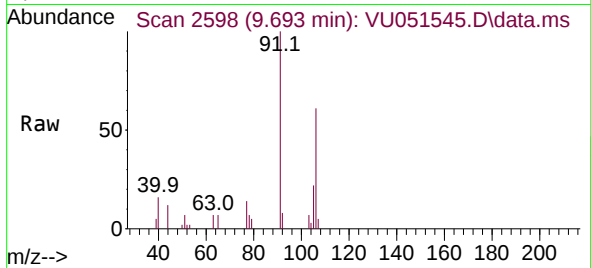




#53  
m,p-Xylene  
Concen: 0.171 ug/L  
RT: 9.693 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VU051545.D  
Acq: 27 Oct 2022 17:33

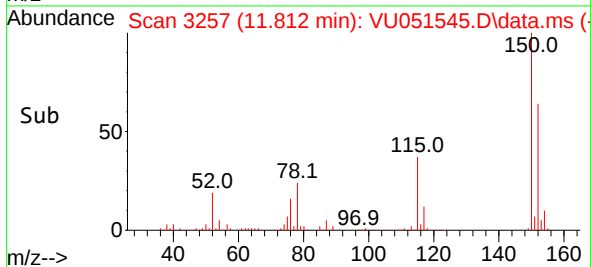
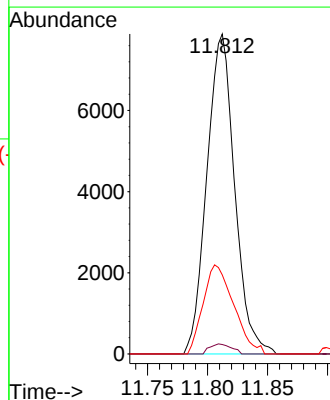
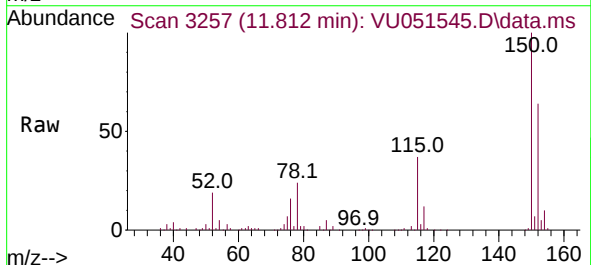
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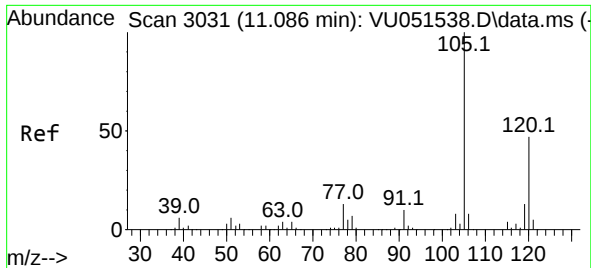
Tgt Ion:106 Resp: 5879  
Ion Ratio Lower Upper  
106 100  
91 163.8 143.9 267.3



#61  
1,2,3-Trichloropropane  
Concen: 0.878 ug/L  
RT: 11.812 min Scan# 3257  
Delta R.T. 0.990 min  
Lab File: VU051545.D  
Acq: 27 Oct 2022 17:33

Tgt Ion: 75 Resp: 12717  
Ion Ratio Lower Upper  
75 100  
110 2.4 27.0 40.6#  
77 30.6 26.4 39.6





#62  
 1,3,5-Trimethylbenzene  
 Concen: 0.158 ug/L  
 RT: 11.475 min Scan# 31  
 Delta R.T. 0.389 min  
 Lab File: VU051545.D  
 Acq: 27 Oct 2022 17:33

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 MSVOA\_U  
 ClientSampleId :  
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Tgt Ion:105 Resp: 3040  
 Ion Ratio Lower Upper  
 105 100  
 120 44.5 37.7 56.5

