

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042021\  
 Data File : VU043234.D  
 Acq On : 20 Apr 2021 19:28  
 Operator : SY/MD  
 Sample : M2057-16  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H4524

Manual Integrations  
 APPROVED

MMDadoda  
 4/22/2021 10:06:26 AM

Quant Time: Apr 21 05:03:33 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR041521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Apr 21 04:57:57 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 6.256          | 114  | 73761      | 5.00    | ug/L  | # 0.00   |
| 28) Chlorobenzene-d5          | 9.423          | 117  | 74862      | 5.00    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819         | 152  | 35206      | 5.00    | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 1.600          | 65   | 16771      | 4.47    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 40 - 130 |      | Recovery = | 89.40%  |       |          |
| 7) Chloroethane-d5            | 1.919          | 69   | 17268      | 4.89    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 65 - 130 |      | Recovery = | 97.80%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.575          | 65   | 11279      | 5.20    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 60 - 125 |      | Recovery = | 104.00% |       |          |
| 20) 2-Butanone-d5             | 4.652          | 46   | 87321      | 53.08   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 40 - 130 |      | Recovery = | 106.16% |       |          |
| 24) Chloroform-d              | 5.070          | 84   | 49183      | 5.16    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 70 - 125 |      | Recovery = | 103.20% |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.713          | 65   | 32488      | 5.04    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 70 - 130 |      | Recovery = | 100.80% |       |          |
| 32) Benzene-d6                | 5.739          | 84   | 87017      | 4.99    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 70 - 125 |      | Recovery = | 99.80%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.700          | 67   | 29600      | 5.12    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 60 - 140 |      | Recovery = | 102.40% |       |          |
| 41) Toluene-d8                | 7.906          | 98   | 75171      | 4.15    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 70 - 130 |      | Recovery = | 83.00%  |       |          |
| 43) trans-1,3-Dichloroprop... | 8.185          | 79   | 11841      | 4.64    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 55 - 130 |      | Recovery = | 92.80%  |       |          |
| 46) 2-Hexanone-d5             | 8.645          | 63   | 61839      | 48.57   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 45 - 130 |      | Recovery = | 97.14%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764         | 84   | 26614      | 5.23    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 65 - 120 |      | Recovery = | 104.60% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.198         | 152  | 31633      | 5.24    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 80 - 120 |      | Recovery = | 104.80% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.584          | 96   | 5001       | 1.22    | ug/L  | # 1      |
| 13) Acetone                   | 2.661          | 43   | 3268m      | 2.70    | ug/L  |          |
| 25) Chloroform                | 5.099          | 83   | 1606       | 0.16    | ug/L  | 84       |
| 29) 1,1,1-Trichloroethane     | 5.327          | 97   | 1710       | 0.19    | ug/L  | # 86     |
| 42) Toluene                   | 7.976          | 91   | 2435       | 0.11    | ug/L  | 84       |
| 47) Tetrachloroethene         | 8.562          | 164  | 10034      | 2.30    | ug/L  | 96       |
| -----                         |                |      |            |         |       |          |

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

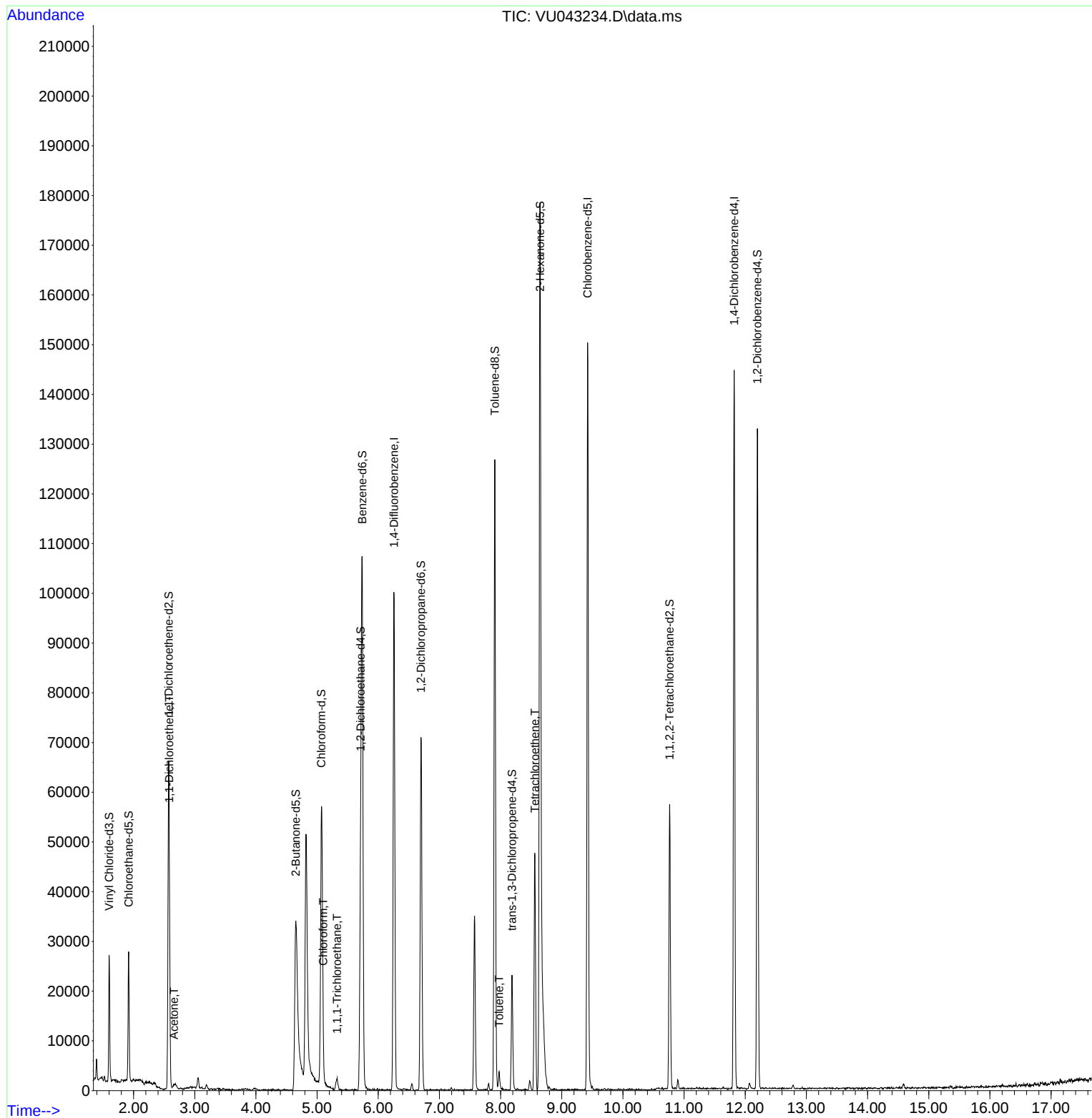
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042021\  
Data File : VU043234.D  
Acq On : 20 Apr 2021 19:28  
Operator : SY/MD  
Sample : M2057-16  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 24 Sample Multiplier: 1

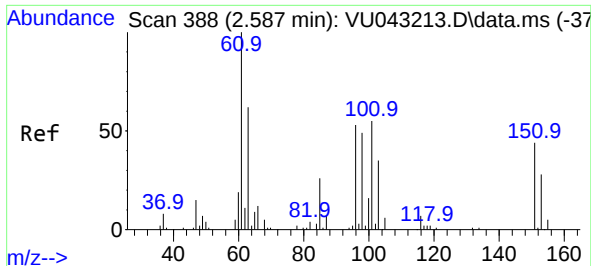
Instrument :  
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Quant Time: Apr 21 05:03:33 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR041521WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Apr 21 04:57:57 2021  
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.22 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU043234.D

Acq: 20 Apr 2021 19:28

Tgt Ion: 96 Resp: 5001

Ion Ratio Lower Upper

96 100

61 235.4 115.1 213.7#

63 482.1 84.1 156.1#

Instrument :

MSVOA\_U

ClientSampled :

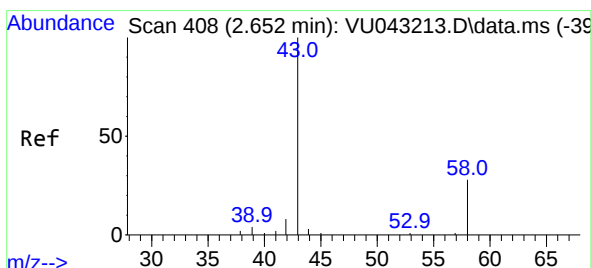
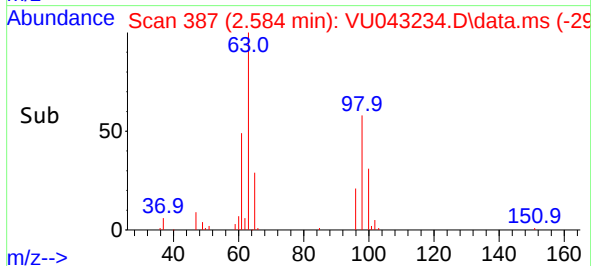
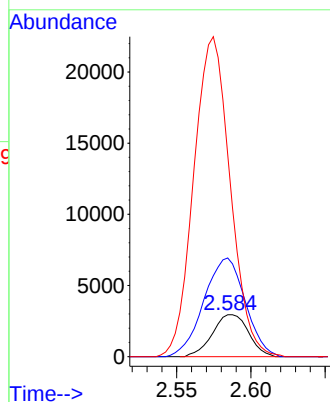
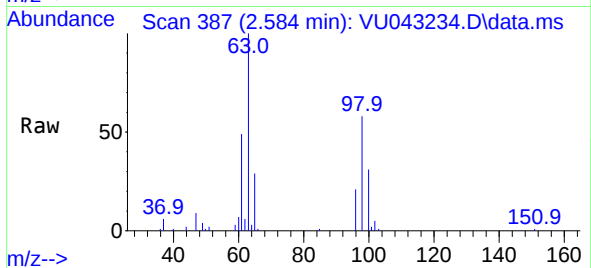
H4524

Manual Integrations

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#13

Acetone

Concen: 2.70 ug/L m

RT: 2.661 min Scan# 411

Delta R.T. 0.010 min

Lab File: VU043234.D

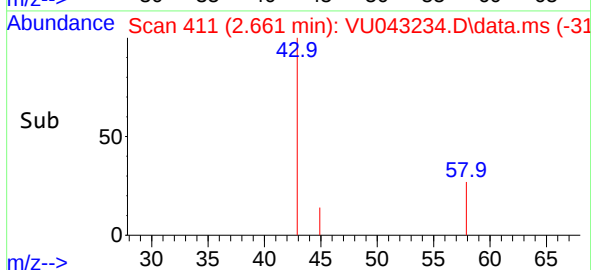
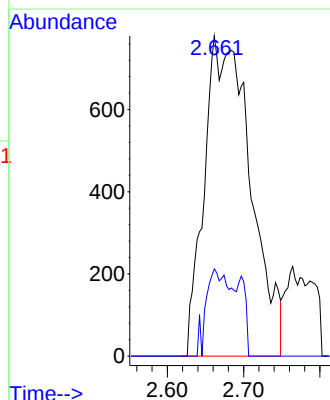
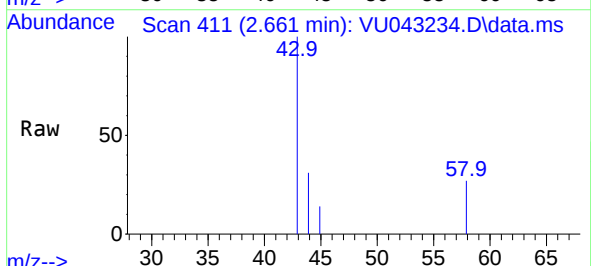
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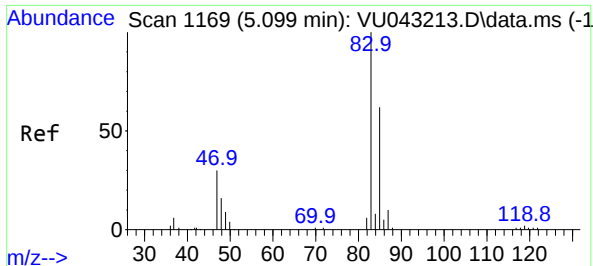
Tgt Ion: 43 Resp: 3268

Ion Ratio Lower Upper

43 100

58 15.0 0.0 25.0





#25

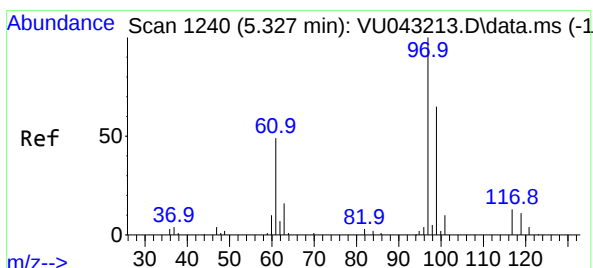
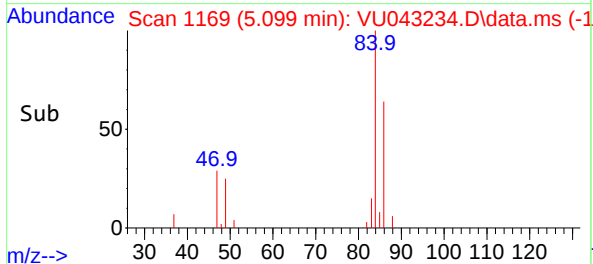
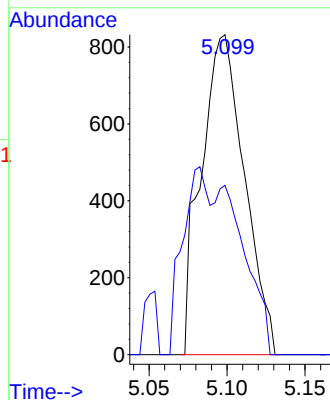
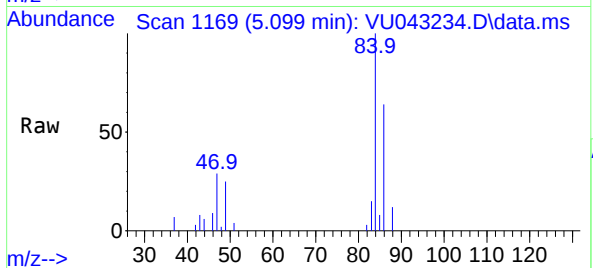
Chloroform  
Concen: 0.16 ug/L  
RT: 5.099 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: VU043234.D  
Acq: 20 Apr 2021 19:28

Tgt Ion: 83 Resp: 1606  
Ion Ratio Lower Upper  
83 100  
85 52.9 45.6 84.8

Instrument :  
MSVOA\_U  
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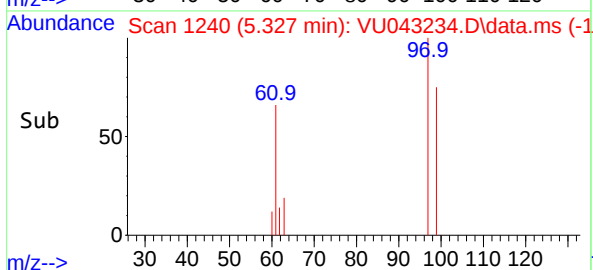
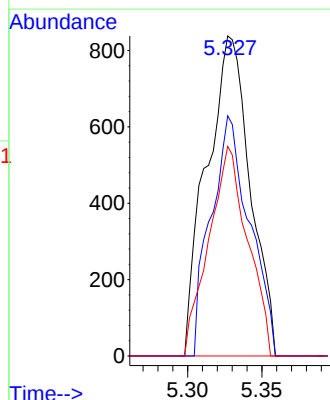
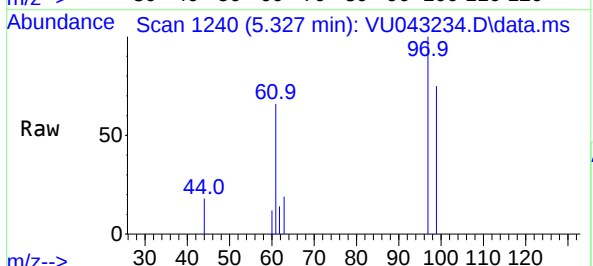
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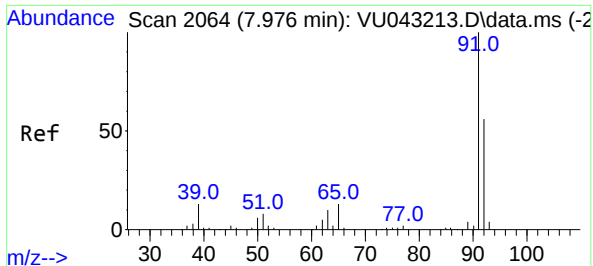


#29

1,1,1-Trichloroethane  
Concen: 0.19 ug/L  
RT: 5.327 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VU043234.D  
Acq: 20 Apr 2021 19:28

Tgt Ion: 97 Resp: 1710  
Ion Ratio Lower Upper  
97 100  
99 66.8 50.3 75.5  
61 58.2 32.7 49.1#





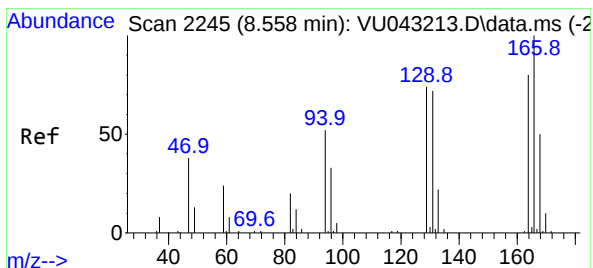
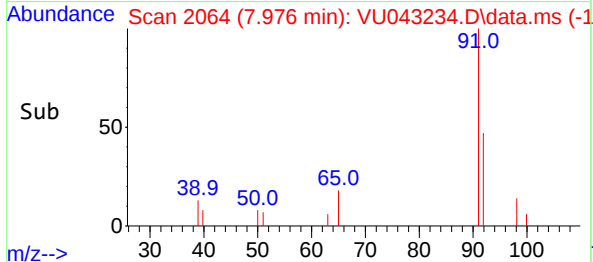
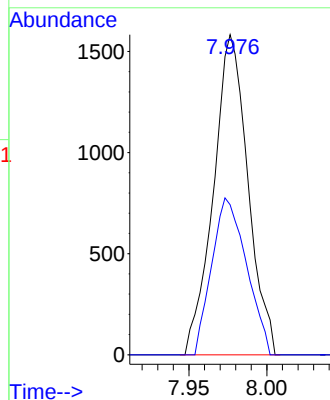
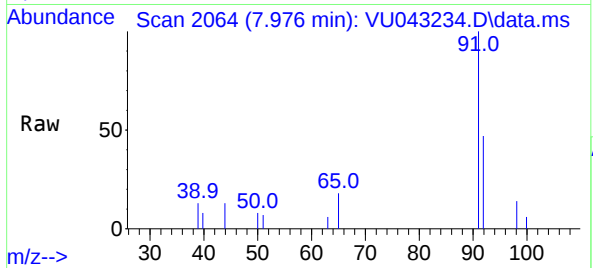
#42  
Toluene  
Concen: 0.11 ug/L  
RT: 7.976 min Scan# 2064  
Delta R.T. 0.000 min  
Lab File: VU043234.D  
Acq: 20 Apr 2021 19:28

Tgt Ion: 91 Resp: 2435  
Ion Ratio Lower Upper  
91 100  
92 46.9 40.9 76.0

Instrument :  
MSVOA\_U  
ClientSampled :  
H4524

Manual Integrations  
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4/22/2021 10:06:26 AM



#47  
Tetrachloroethene  
Concen: 2.30 ug/L  
RT: 8.562 min Scan# 2246  
Delta R.T. 0.003 min  
Lab File: VU043234.D  
Acq: 20 Apr 2021 19:28

Tgt Ion: 164 Resp: 10034  
Ion Ratio Lower Upper  
164 100  
129 86.9 66.6 123.8  
131 92.9 65.9 122.3  
166 129.5 93.7 173.9

