

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV011321\  
 Data File : VV019983.D  
 Acq On : 13 Jan 2021 12:58  
 Operator : SY/MD  
 Sample : M1099-09ME10X  
 Misc : 3.10g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F1COOME

Quant Time: Jan 13 13:23:16 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM011121WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jan 13 13:06:01 2021  
 Response via : Initial Calibration

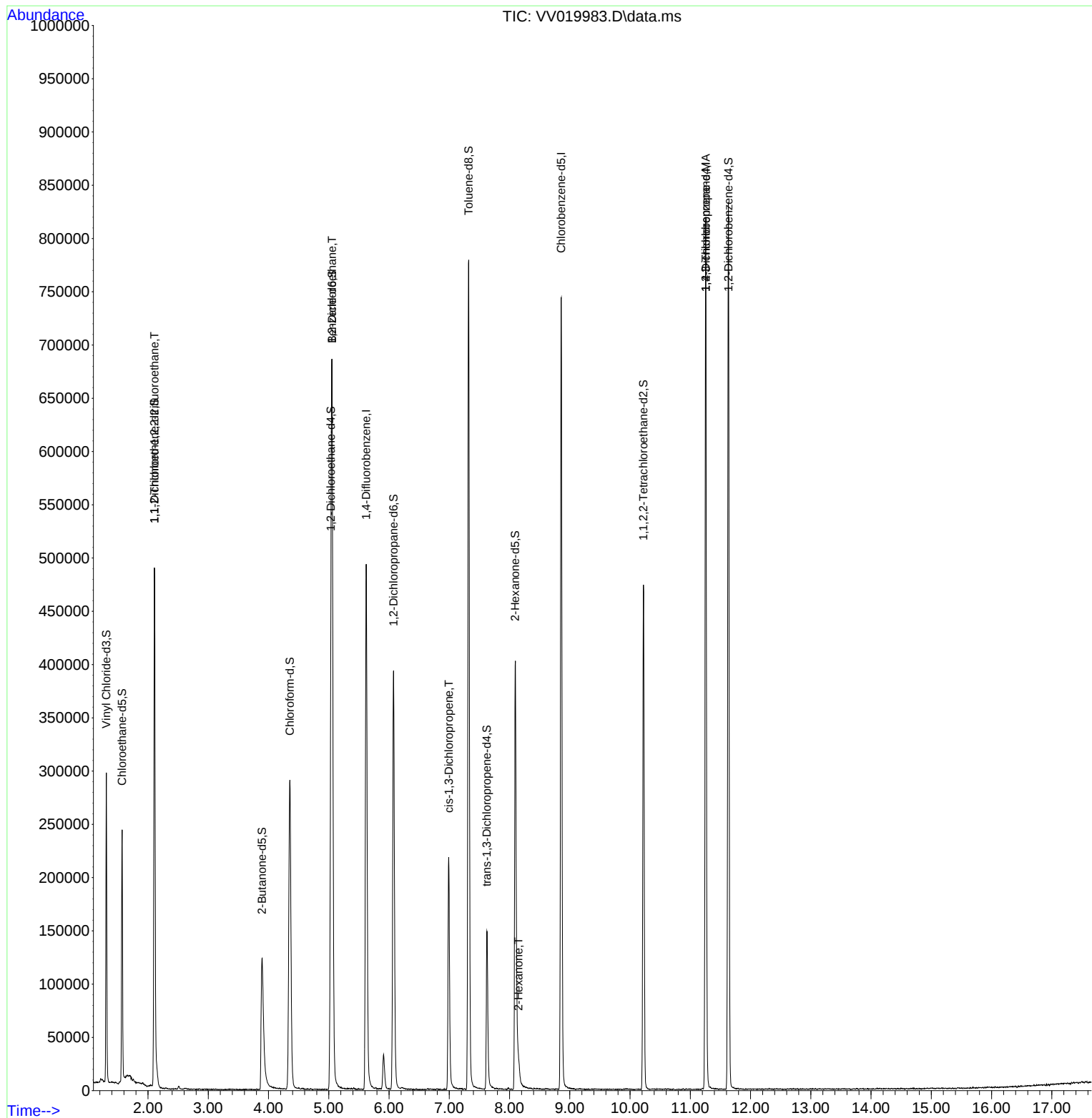
| Compound                      | R.T.           | QIon | Response           | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|--------------------|--------|--------|----------|
| -----                         |                |      |                    |        |        |          |
| Internal Standards            |                |      |                    |        |        |          |
| 1) 1,4-Difluorobenzene        | 5.621          | 114  | 393693             | 50.00  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.858          | 117  | 377256             | 50.00  | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.257         | 152  | 191015             | 50.00  | ug/L   | 0.00     |
|                               |                |      |                    |        |        |          |
| System Monitoring Compounds   |                |      |                    |        |        |          |
| 4) Vinyl Chloride-d3          | 1.309          | 65   | 174779             | 52.63  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = 105.26% |        |        |          |
| 7) Chloroethane-d5            | 1.569          | 69   | 144049             | 54.34  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = 108.68% |        |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.106          | 63   | 256799             | 39.26  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 78.52%  |        |        |          |
| 21) 2-Butanone-d5             | 3.891          | 46   | 219975             | 102.11 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = 102.11% |        |        |          |
| 24) Chloroform-d              | 4.354          | 84   | 289588             | 48.41  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 96.82%  |        |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.035          | 65   | 208854             | 51.36  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 102.72% |        |        |          |
| 32) Benzene-d6                | 5.055          | 84   | 549224             | 51.58  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 103.16% |        |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.074          | 67   | 171372             | 51.55  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = 103.10% |        |        |          |
| 41) Toluene-d8                | 7.321          | 98   | 483638             | 50.12  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 100.24% |        |        |          |
| 43) trans-1,3-Dichloroprop... | 7.624          | 79   | 80459              | 46.64  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 93.28%  |        |        |          |
| 47) 2-Hexanone-d5             | 8.093          | 63   | 127079             | 95.35  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = 95.35%  |        |        |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.222         | 84   | 209442             | 46.60  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = 93.20%  |        |        |          |
| 64) 1,2-Dichlorobenzene-d4    | 11.633         | 152  | 192424             | 52.16  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 104.32% |        |        |          |
|                               |                |      |                    |        |        |          |
| Target Compounds              |                |      |                    |        |        |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.106          | 101  | 2287               | 0.79   | ug/L # | 24       |
| 27) 1,2-Dichloroethane        | 5.055          | 62   | 4023               | 0.86   | ug/L   | 96       |
| 39) cis-1,3-Dichloropropene   | 6.990          | 75   | 6309               | 1.42   | ug/L   | 85       |
| 48) 2-Hexanone                | 8.148          | 43   | 12581              | 3.66   | ug/L # | 82       |
| 59) 1,2,3-Trichloropropane    | 11.257         | 75   | 25201              | 6.52   | ug/L   | 94       |
| -----                         |                |      |                    |        |        |          |

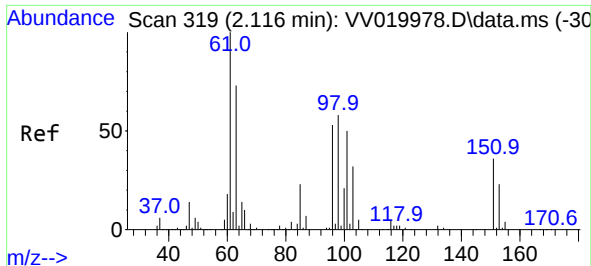
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Wed Jan 13 13:06:01 2021  
Response via : Initial Calibration

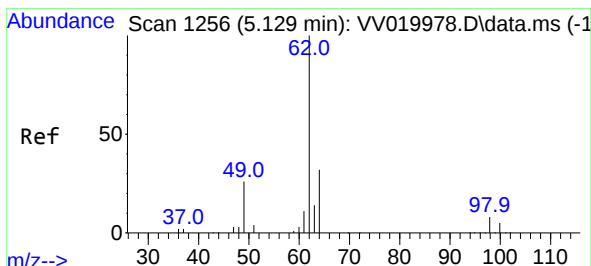
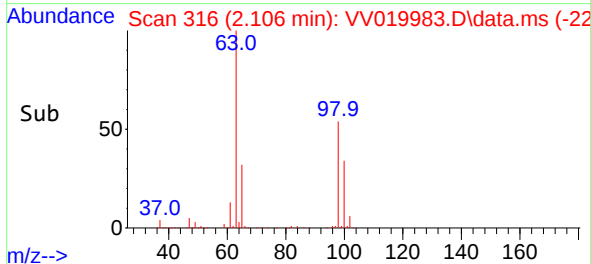
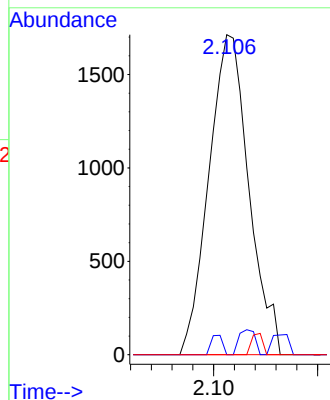
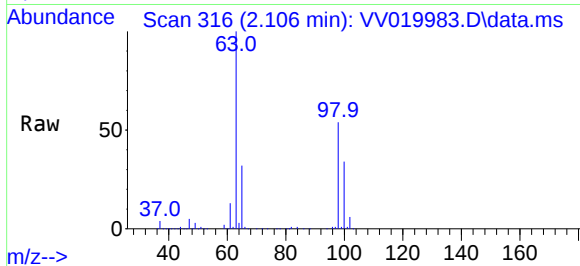




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.79 ug/L  
RT: 2.106 min Scan# 316  
Delta R.T. -0.010 min  
Lab File: VV019983.D  
Acq: 13 Jan 2021 12:58

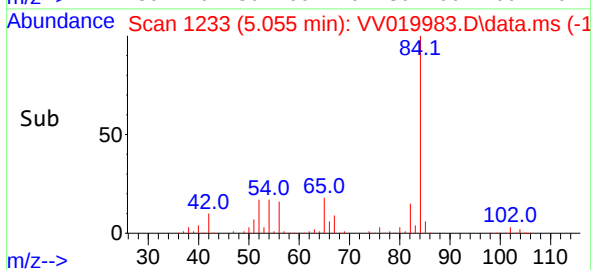
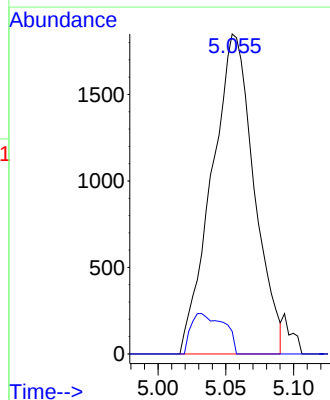
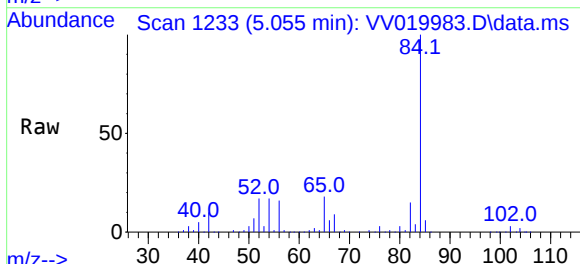
Instrument :  
MSVOA\_V  
ClientSampleId :  
F1COOME

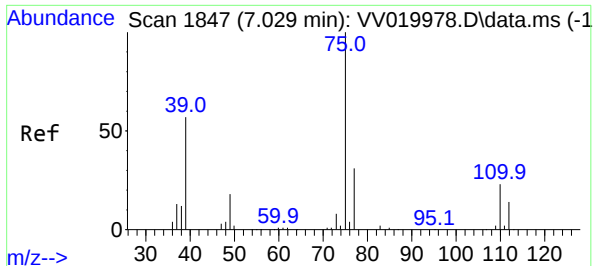
Tgt Ion:101 Resp: 2287  
Ion Ratio Lower Upper  
101 100  
85 1.7 35.3 52.9#  
151 0.0 53.6 80.4#



#27  
1,2-Dichloroethane  
Concen: 0.86 ug/L  
RT: 5.055 min Scan# 1233  
Delta R.T. -0.074 min  
Lab File: VV019983.D  
Acq: 13 Jan 2021 12:58

Tgt Ion: 62 Resp: 4023  
Ion Ratio Lower Upper  
62 100  
98 7.0 6.9 10.3

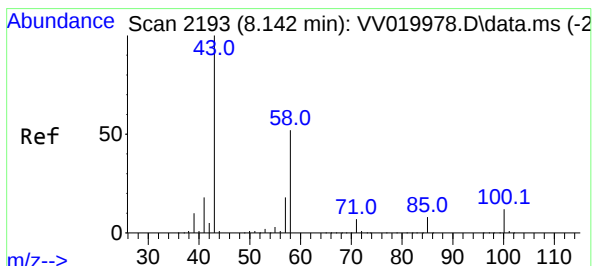
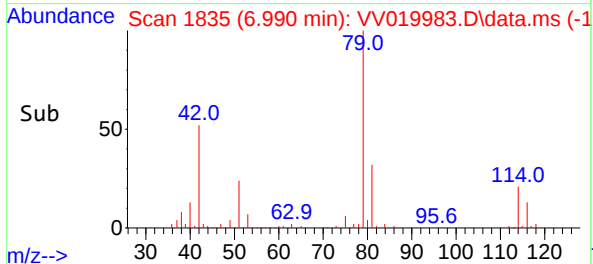
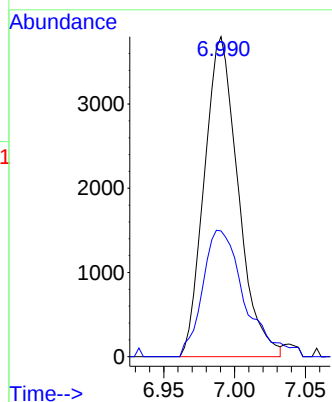
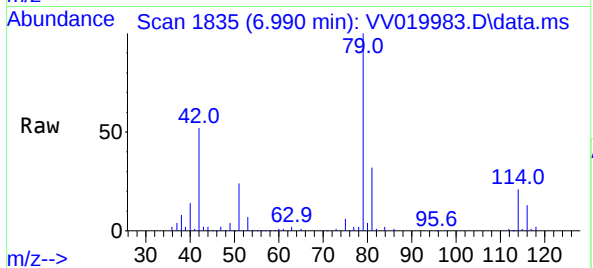




#39  
cis-1,3-Dichloropropene  
Concen: 1.42 ug/L  
RT: 6.990 min Scan# 1835  
Delta R.T. -0.039 min  
Lab File: VV019983.D  
Acq: 13 Jan 2021 12:58

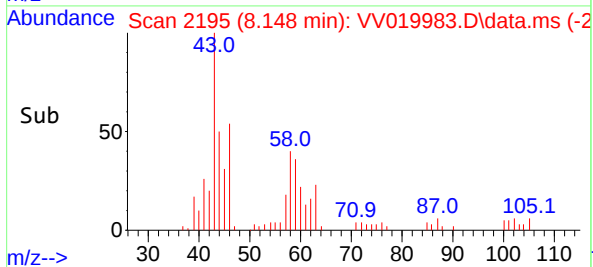
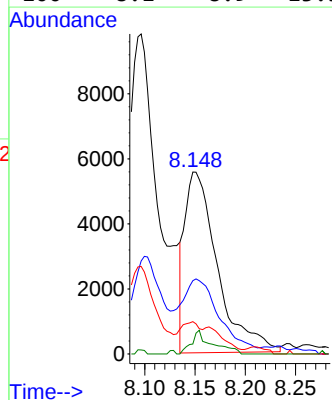
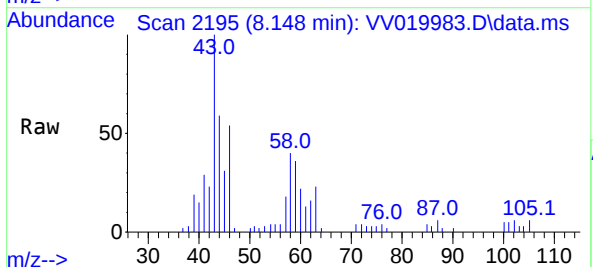
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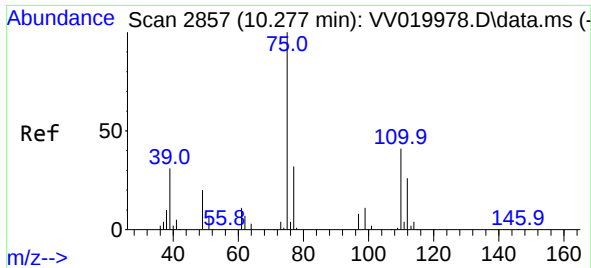
Tgt Ion: 75 Resp: 6309  
Ion Ratio Lower Upper  
75 100  
77 39.3 21.8 40.6



#48  
2-Hexanone  
Concen: 3.66 ug/L  
RT: 8.148 min Scan# 2195  
Delta R.T. 0.006 min  
Lab File: VV019983.D  
Acq: 13 Jan 2021 12:58

Tgt Ion: 43 Resp: 12581  
Ion Ratio Lower Upper  
43 100  
58 41.7 41.8 62.6#  
57 4.1 15.0 22.4#  
100 8.1 8.9 13.3#





#59  
 1,2,3-Trichloropropane  
 Concen: 6.52 ug/L  
 RT: 11.257 min Scan# 3162  
 Delta R.T. 0.980 min  
 Lab File: VV019983.D  
 Acq: 13 Jan 2021 12:58

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F1COOME

Tgt Ion: 75 Resp: 25201  
 Ion Ratio Lower Upper  
 75 100  
 77 34.9 25.4 38.0

