

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121923\  
 Data File : VX039361.D  
 Acq On : 19 Dec 2023 17:04  
 Operator : JC/MD  
 Sample : 05808-02ME  
 Misc : 1.92g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 COB23ME

Quant Time: Dec 19 22:07:11 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML120523WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Dec 19 22:02:33 2023  
 Response via : Initial Calibration

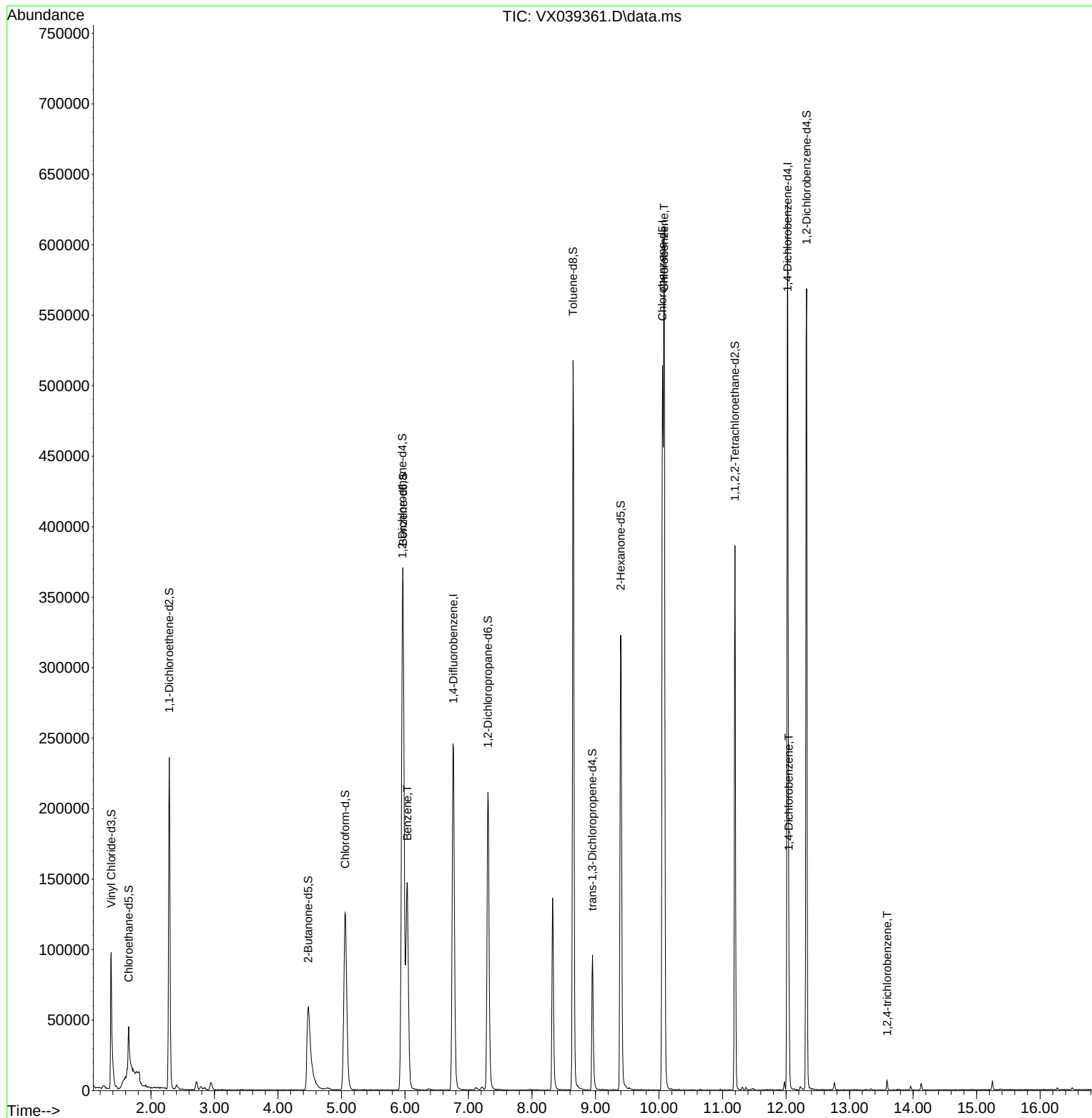
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.763   | 114   | 249012   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 223003   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 112216   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.374   | 65    | 94354    | 48.310   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 96.620%  |
| 7) Chloroethane-d5            | 1.648   | 69    | 34127    | 23.640   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 47.280%# |
| 11) 1,1-Dichloroethene-d2     | 2.288   | 65    | 42819    | 49.944   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 99.880%  |
| 21) 2-Butanone-d5             | 4.477   | 46    | 162718   | 92.037   | ug/L   | 0.04     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 92.040%  |
| 24) Chloroform-d              | 5.056   | 84    | 160943   | 46.549   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 93.100%  |
| 26) 1,2-Dichloroethane-d4     | 5.958   | 65    | 118318   | 52.840   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 105.680% |
| 32) Benzene-d6                | 5.970   | 84    | 350061   | 50.864   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 101.720% |
| 36) 1,2-Dichloropropane-d6    | 7.306   | 67    | 110696   | 49.979   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 99.960%  |
| 41) Toluene-d8                | 8.647   | 98    | 308708   | 49.496   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 99.000%  |
| 43) trans-1,3-Dichloroprop... | 8.952   | 79    | 47884    | 42.484   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 84.960%  |
| 47) 2-Hexanone-d5             | 9.397   | 63    | 117596   | 88.895   | ug/L   | 0.02     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 88.890%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195  | 84    | 146993   | 46.783   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 93.560%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.323  | 152   | 105113   | 49.556   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 99.120%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 33) Benzene                   | 6.037   | 78    | 174216   | 24.583   | ug/L   | 100      |
| 51) Chlorobenzene             | 10.079  | 112   | 248148   | 53.457   | ug/L   | 95       |
| 65) 1,4-Dichlorobenzene       | 12.043  | 146   | 28348    | 7.971    | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.591  | 180   | 1787     | 0.817    | ug/L   | 87       |
| -----                         |         |       |          |          |        |          |

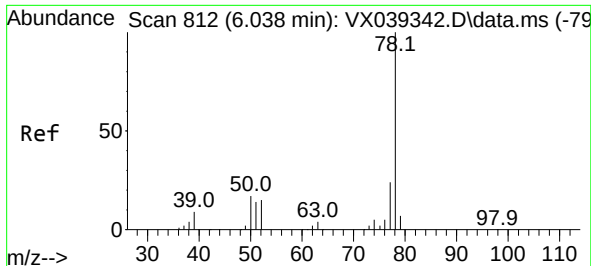
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_X  
ClientSampleId :  
C0B23ME

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Quant Title : VOC Analysis  
QLast Update : Tue Dec 19 22:02:33 2023  
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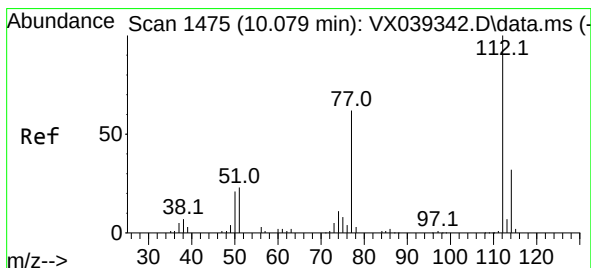
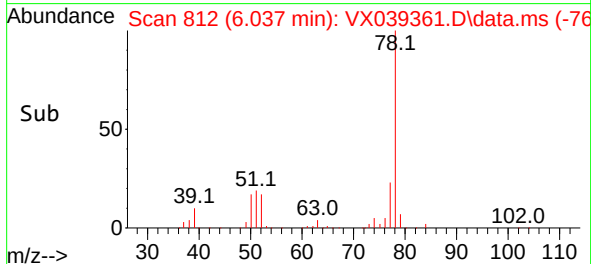
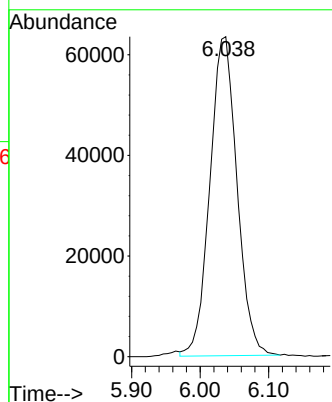
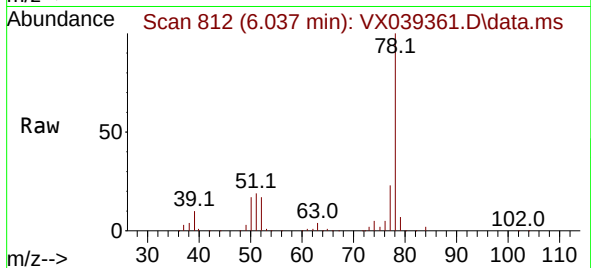




#33  
Benzene  
Concen: 24.583 ug/L  
RT: 6.037 min Scan# 812  
Delta R.T. -0.000 min  
Lab File: VX039361.D  
Acq: 19 Dec 2023 17:04

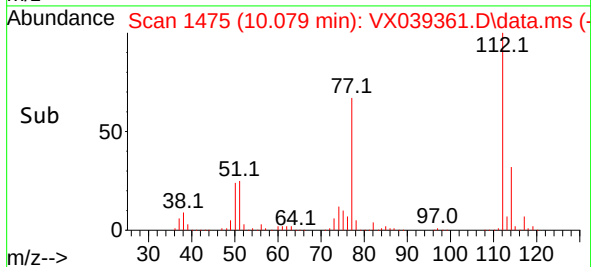
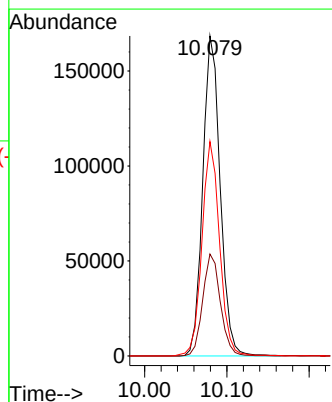
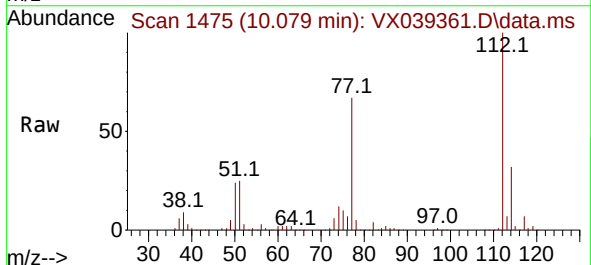
Instrument :  
MSVOA\_X  
ClientSampleId :  
COB23ME

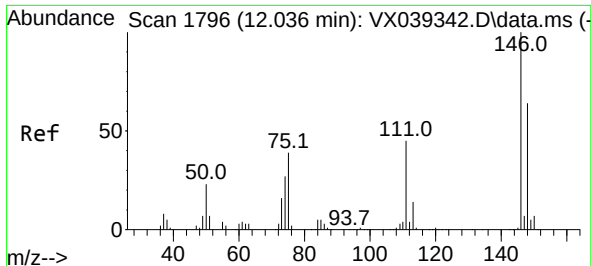
Tgt Ion: 78 Resp: 174216



#51  
Chlorobenzene  
Concen: 53.457 ug/L  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX039361.D  
Acq: 19 Dec 2023 17:04

Tgt Ion: 112 Resp: 248148  
Ion Ratio Lower Upper  
112 100  
114 31.9 21.8 40.4  
77 67.0 49.0 73.6

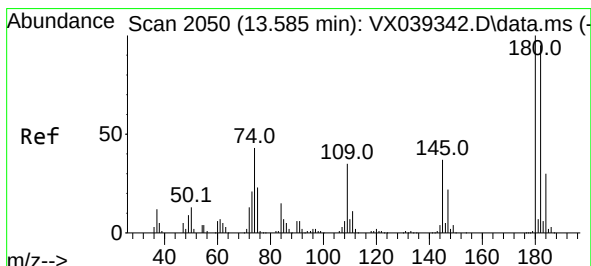
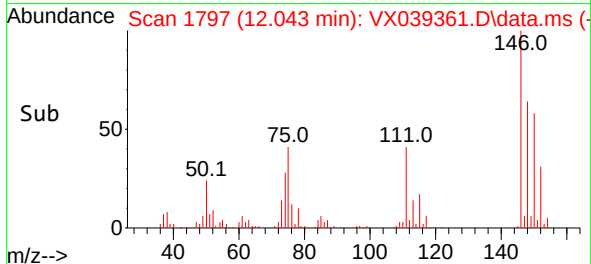
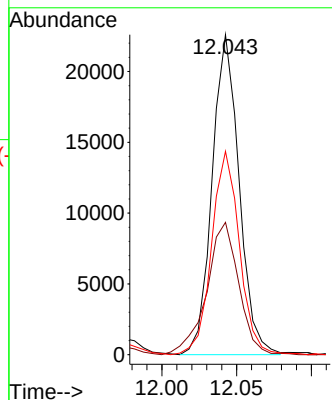
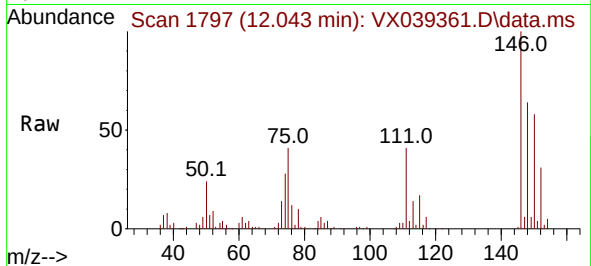




#65  
1,4-Dichlorobenzene  
Concen: 7.971 ug/L  
RT: 12.043 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX039361.D  
Acq: 19 Dec 2023 17:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
COB23ME

Tgt Ion:146 Resp: 28348  
Ion Ratio Lower Upper  
146 100  
111 41.3 29.7 55.1  
148 63.6 45.8 85.2



#70  
1,2,4-trichlorobenzene  
Concen: 0.817 ug/L  
RT: 13.591 min Scan# 2051  
Delta R.T. 0.006 min  
Lab File: VX039361.D  
Acq: 19 Dec 2023 17:04

Tgt Ion:180 Resp: 1787  
Ion Ratio Lower Upper  
180 100  
182 80.5 76.8 115.2  
145 31.6 27.8 41.6

