

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD112123\  
 Data File : VD077643.D  
 Acq On : 21 Nov 2023 14:03  
 Operator : JC/SY  
 Sample : VD1121SBL01  
 Misc : 5.00G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Nov 22 01:41:03 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM110923SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Nov 22 01:40:25 2023  
 Response via : Initial Calibration

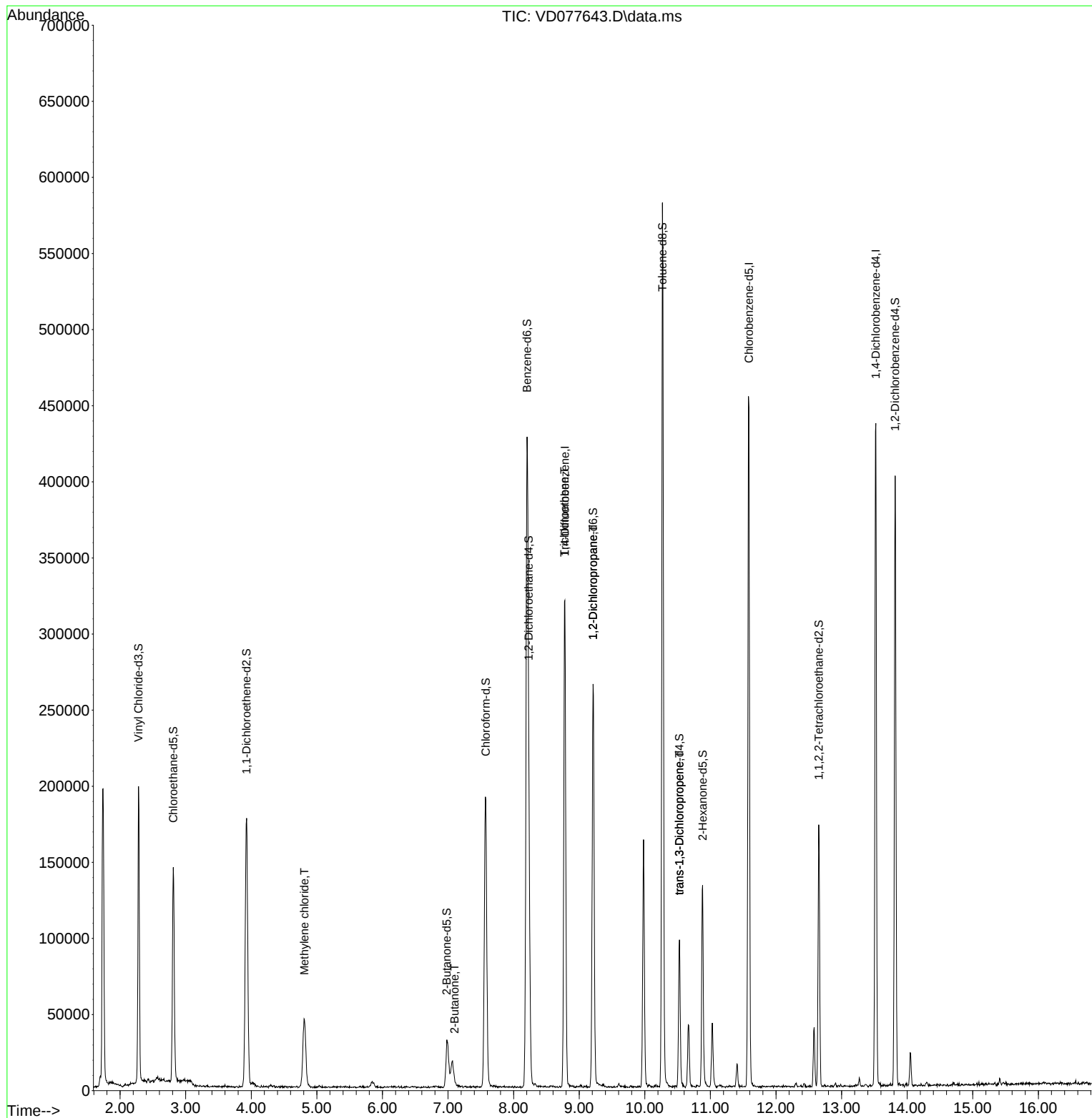
| Compound                      | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|-----------|----------------|----------|------------|--------|----------|
| Internal Standards            |           |                |          |            |        |          |
| 1) 1,4-Difluorobenzene        | 8.781     | 114            | 270094   | 25.000     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.587    | 117            | 247239   | 25.000     | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.522    | 152            | 113087   | 25.000     | ug/L   | 0.00     |
| System Monitoring Compounds   |           |                |          |            |        |          |
| 4) Vinyl Chloride-d3          | 2.281     | 65             | 184324   | 26.827     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 30 - 150 | Recovery | = 107.320% |        |          |
| 7) Chloroethane-d5            | 2.811     | 69             | 146752   | 27.189     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 30 - 150 | Recovery | = 108.760% |        |          |
| 11) 1,1-Dichloroethene-d2     | 3.928     | 65             | 55585    | 26.163     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 45 - 110 | Recovery | = 104.640% |        |          |
| 21) 2-Butanone-d5             | 6.981     | 46             | 56683    | 47.650     | ug/L   | -0.01    |
| Spiked Amount                 | 50.000    | Range 20 - 135 | Recovery | = 95.300%  |        |          |
| 24) Chloroform-d              | 7.575     | 84             | 196528   | 25.188     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 40 - 150 | Recovery | = 100.760% |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.228     | 65             | 111278   | 26.812     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 70 - 130 | Recovery | = 107.240% |        |          |
| 32) Benzene-d6                | 8.204     | 84             | 418124   | 26.057     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 20 - 135 | Recovery | = 104.240% |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.210     | 67             | 133511   | 25.543     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 70 - 120 | Recovery | = 102.160% |        |          |
| 41) Toluene-d8                | 10.269    | 98             | 383657   | 26.459     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 30 - 130 | Recovery | = 105.840% |        |          |
| 43) trans-1,3-Dichloroprop... | 10.528    | 79             | 53822    | 23.882     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 30 - 135 | Recovery | = 95.520%  |        |          |
| 47) 2-Hexanone-d5             | 10.881    | 63             | 44768    | 47.879     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 20 - 135 | Recovery | = 95.760%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651    | 84             | 86145    | 24.875     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 45 - 120 | Recovery | = 99.520%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.816    | 152            | 103525   | 25.733     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 75 - 120 | Recovery | = 102.920% |        |          |
| Target Compounds              |           |                |          |            | Qvalue |          |
| 16) Methylene chloride        | 4.811     | 84             | 32065    | 7.031      | ug/L   | 92       |
| 22) 2-Butanone                | 7.099     | 43             | 2410     | 1.602      | ug/L   | 96       |
| 34) Trichloroethene           | 8.775     | 95             | 8710     | 2.050      | ug/L # | 10       |
| 37) 1,2-Dichloropropane       | 9.210     | 63             | 14412    | 3.024      | ug/L # | 88       |
| 44) trans-1,3-Dichloropropene | 10.528    | 75             | 2625     | 0.434      | ug/L # | 80       |

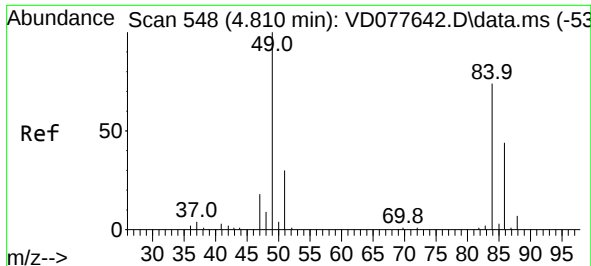
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VD1121SBL01  
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ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :

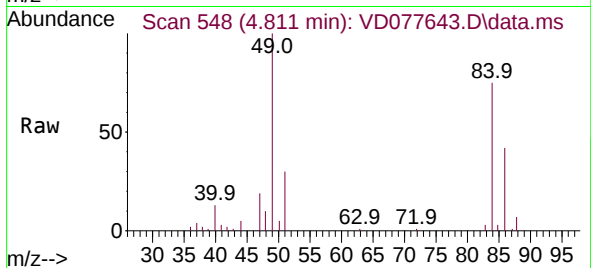
Quant Time: Nov 22 01:41:03 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM110923SMA.M  
Quant Title : SFAM01.0  
QLast Update : Wed Nov 22 01:40:25 2023  
Response via : Initial Calibration





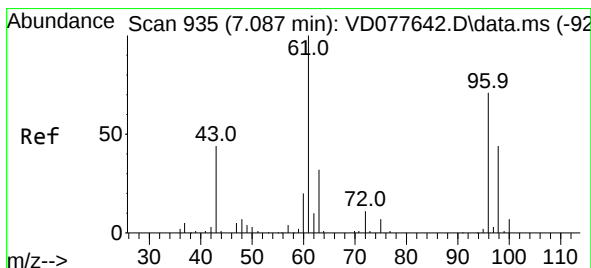
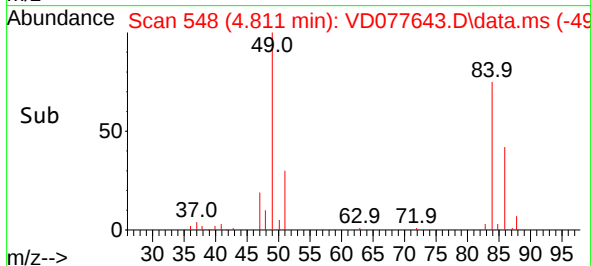
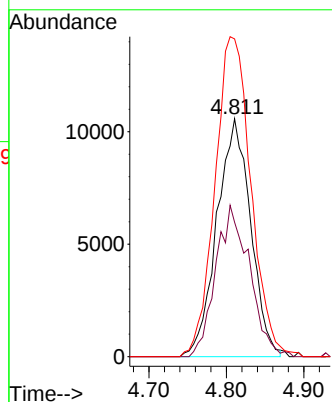
#16  
Methylene chloride  
Concen: 7.031 ug/L  
RT: 4.811 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: VD077643.D  
Acq: 21 Nov 2023 14:03

Instrument :  
MSVOA\_D  
ClientSampleId :



Tgt Ion: 84 Resp: 32065

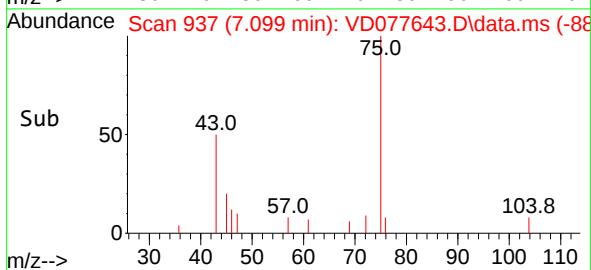
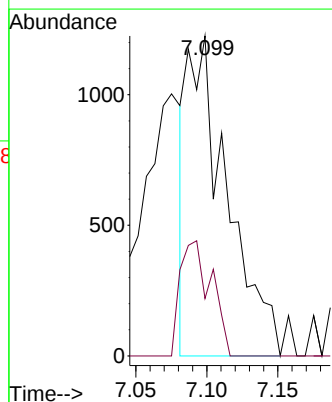
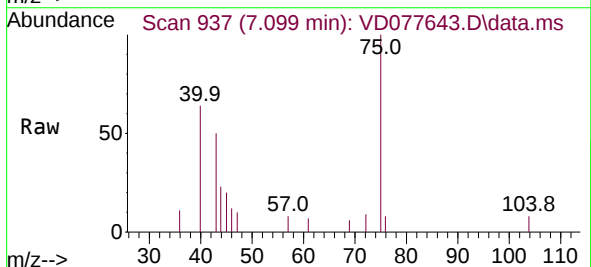
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 86  | 56.5  | 46.5  | 86.5  |
| 49  | 133.6 | 98.3  | 182.7 |

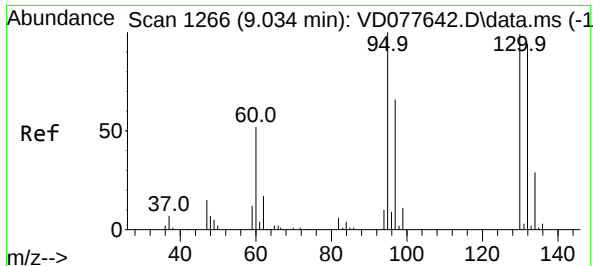


#22  
2-Butanone  
Concen: 1.602 ug/L  
RT: 7.099 min Scan# 937  
Delta R.T. 0.012 min  
Lab File: VD077643.D  
Acq: 21 Nov 2023 14:03

Tgt Ion: 43 Resp: 2410

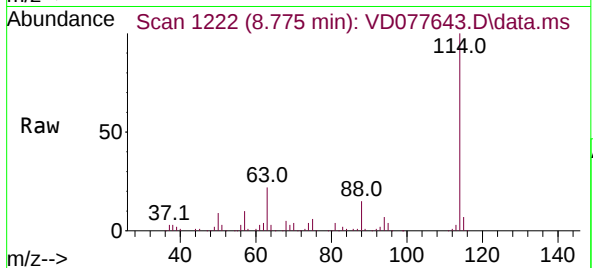
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 72  | 27.8  | 12.8  | 38.4  |



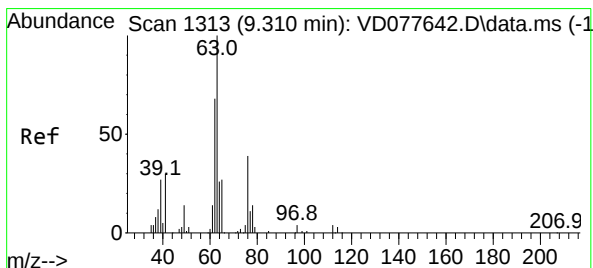
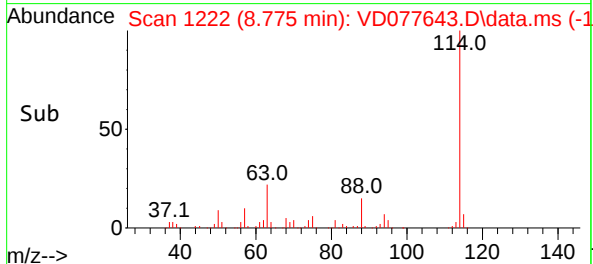
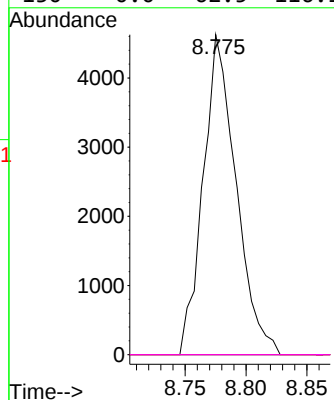


#34  
 Trichloroethene  
 Concen: 2.050 ug/L  
 RT: 8.775 min Scan# 11  
 Delta R.T. -0.259 min  
 Lab File: VD077643.D  
 Acq: 21 Nov 2023 14:03

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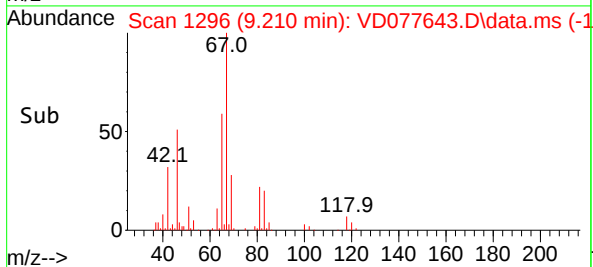
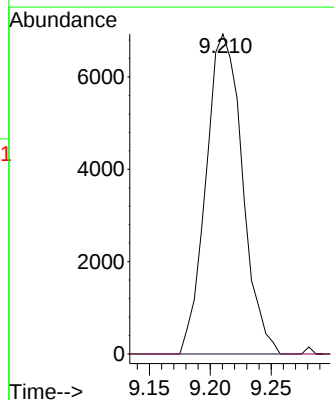
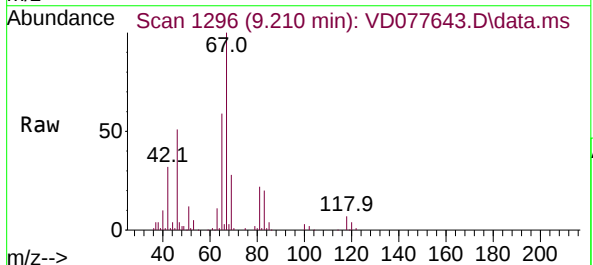


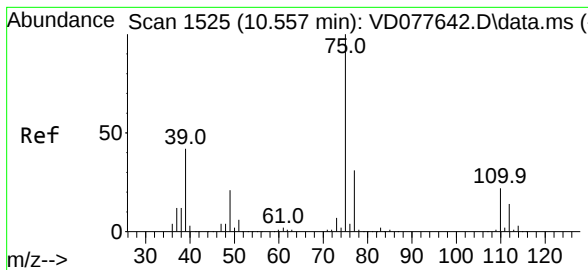
| Tgt Ion   | 95  | Resp: | 8710   |
|-----------|-----|-------|--------|
| Ion Ratio | 100 | Lower | Upper  |
| 95        | 100 |       |        |
| 97        | 0.0 | 42.4  | 78.6#  |
| 132       | 0.0 | 59.4  | 110.2# |
| 130       | 0.0 | 62.5  | 116.1# |



#37  
 1,2-Dichloropropane  
 Concen: 3.024 ug/L  
 RT: 9.210 min Scan# 1296  
 Delta R.T. -0.100 min  
 Lab File: VD077643.D  
 Acq: 21 Nov 2023 14:03

| Tgt Ion   | 63  | Resp: | 14412 |
|-----------|-----|-------|-------|
| Ion Ratio | 100 | Lower | Upper |
| 63        | 100 |       |       |
| 112       | 0.0 | 3.2   | 4.8#  |





#44  
 trans-1,3-Dichloropropene  
 Concen: 0.434 ug/L  
 RT: 10.528 min Scan# 11  
 Delta R.T. -0.029 min  
 Lab File: VD077643.D  
 Acq: 21 Nov 2023 14:03

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tgt Ion: 75 Resp: 2625  
 Ion Ratio Lower Upper  
 75 100  
 77 42.8 22.3 41.5#

