

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032123\
 Data File : VU053328.D
 Acq On : 21 Mar 2023 16:45
 Operator : JC/MD
 Sample : 01956-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Mar 22 03:12:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 22 03:08:43 2023
 Response via : Initial Calibration

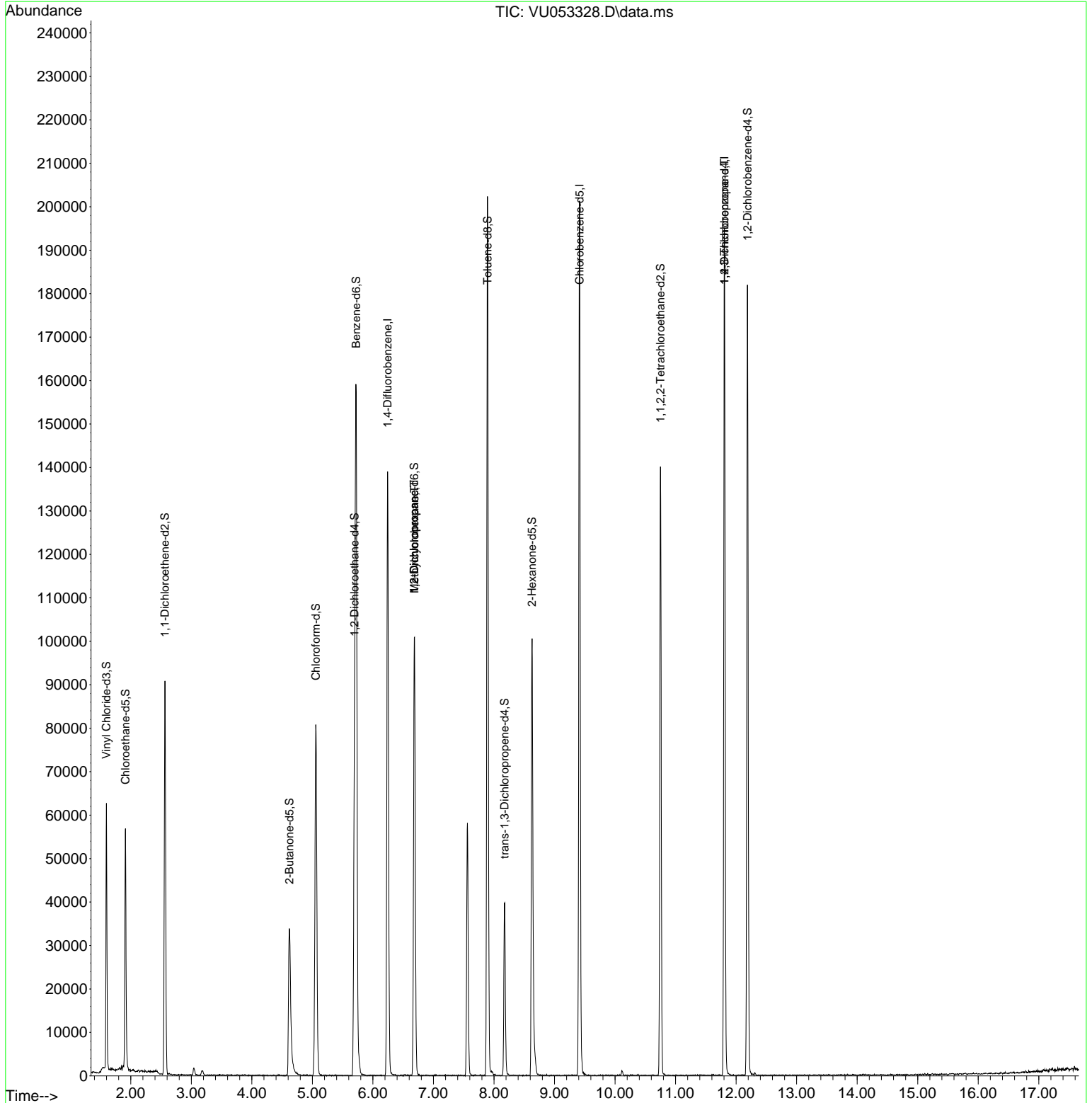
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|---------|----------------|------------|----------|--------|----------|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.243 | 114 | 107723 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.414 | 117 | 103140 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.806 | 152 | 47214 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.597 | 65 | 41384 | 41.642 | ug/L | 0.00 |
| Spiked Amount | 50.000 | Range 60 - 135 | Recovery = | 83.280% | | |
| 7) Chloroethane-d5 | 1.912 | 69 | 39247 | 48.823 | ug/L | 0.00 |
| Spiked Amount | 50.000 | Range 70 - 130 | Recovery = | 97.640% | | |
| 11) 1,1-Dichloroethene-d2 | 2.565 | 63 | 52249 | 30.349 | ug/L | 0.00 |
| Spiked Amount | 50.000 | Range 60 - 125 | Recovery = | 60.700% | | |
| 21) 2-Butanone-d5 | 4.620 | 46 | 52997 | 114.978 | ug/L | 0.00 |
| Spiked Amount | 100.000 | Range 40 - 130 | Recovery = | 114.980% | | |
| 24) Chloroform-d | 5.057 | 84 | 70104 | 42.828 | ug/L | 0.00 |
| Spiked Amount | 50.000 | Range 70 - 125 | Recovery = | 85.660% | | |
| 26) 1,2-Dichloroethane-d4 | 5.697 | 65 | 49351 | 48.547 | ug/L | 0.00 |
| Spiked Amount | 50.000 | Range 70 - 125 | Recovery = | 97.100% | | |
| 32) Benzene-d6 | 5.722 | 84 | 146724 | 43.859 | ug/L | 0.00 |
| Spiked Amount | 50.000 | Range 70 - 125 | Recovery = | 87.720% | | |
| 36) 1,2-Dichloropropane-d6 | 6.684 | 67 | 49914 | 46.229 | ug/L | 0.00 |
| Spiked Amount | 50.000 | Range 70 - 120 | Recovery = | 92.460% | | |
| 41) Toluene-d8 | 7.893 | 98 | 134075 | 43.046 | ug/L | 0.00 |
| Spiked Amount | 50.000 | Range 80 - 120 | Recovery = | 86.100% | | |
| 43) trans-1,3-Dichloroprop... | 8.176 | 79 | 22937 | 43.057 | ug/L | 0.00 |
| Spiked Amount | 50.000 | Range 60 - 125 | Recovery = | 86.120% | | |
| 47) 2-Hexanone-d5 | 8.626 | 63 | 35430 | 104.960 | ug/L | 0.00 |
| Spiked Amount | 100.000 | Range 45 - 130 | Recovery = | 104.960% | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751 | 84 | 68255 | 48.800 | ug/L | 0.00 |
| Spiked Amount | 50.000 | Range 65 - 120 | Recovery = | 97.600% | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.188 | 152 | 42633 | 46.634 | ug/L | 0.00 |
| Spiked Amount | 50.000 | Range 80 - 120 | Recovery = | 93.260% | | |
| Target Compounds | | | | | | |
| 35) Methylcyclohexane | 6.687 | 83 | 10923 | 6.684 | ug/L # | 20 |
| 37) 1,2-Dichloropropane | 6.684 | 63 | 5053 | 5.065 | ug/L # | 90 |
| 60) 1,2,3-Trichloropropane | 11.806 | 75 | 7325 | 7.808 | ug/L # | 68 |

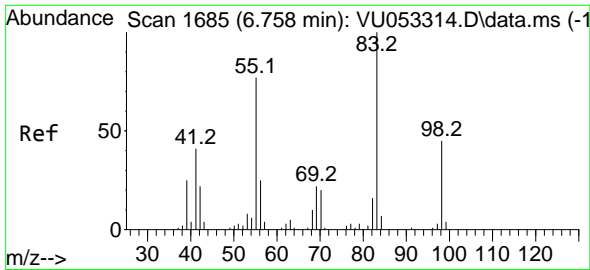
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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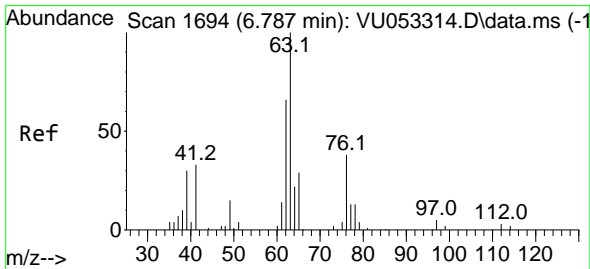
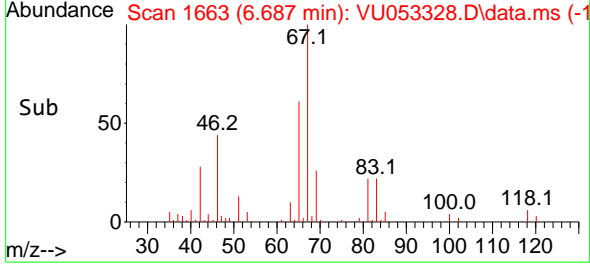
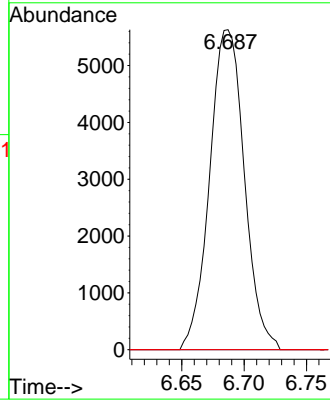
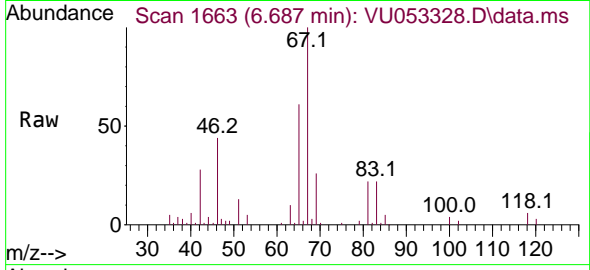




#35
 Methylcyclohexane
 Concen: 6.684 ug/L
 RT: 6.687 min Scan# 1663
 Delta R.T. -0.071 min
 Lab File: VU053328.D
 Acq: 21 Mar 2023 16:45

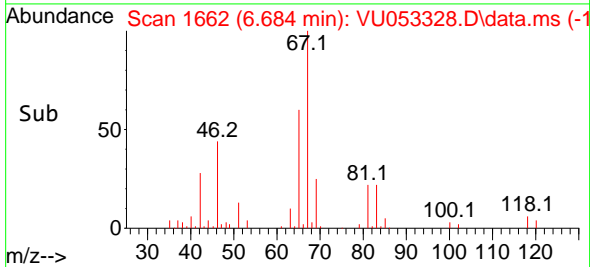
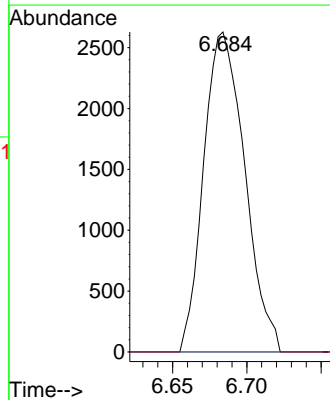
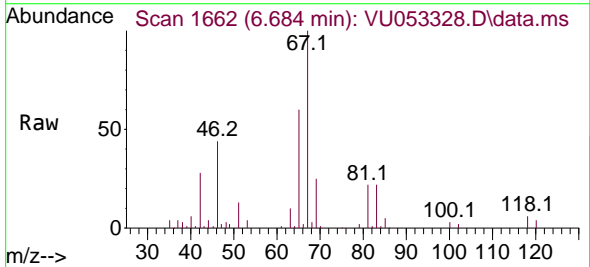
Instrument : MSVOA_U
 ClientSampleId : VHBLK001

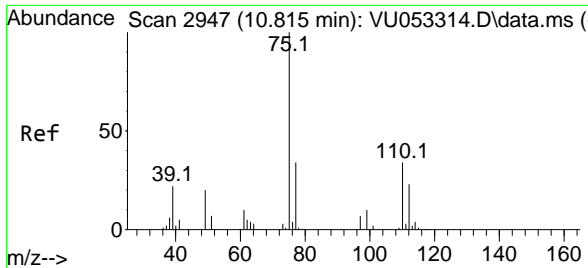
Tgt Ion: 83 Resp: 10923
 Ion Ratio Lower Upper
 83 100
 55 0.0 58.2 87.4#
 98 0.0 35.4 53.2#



#37
 1,2-Dichloropropane
 Concen: 5.065 ug/L
 RT: 6.684 min Scan# 1662
 Delta R.T. -0.103 min
 Lab File: VU053328.D
 Acq: 21 Mar 2023 16:45

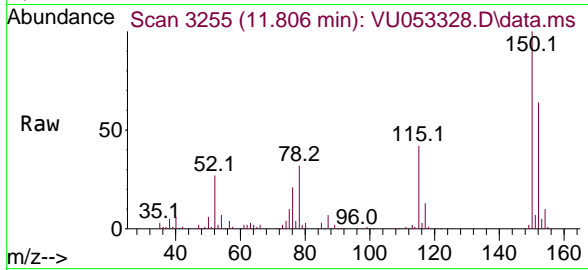
Tgt Ion: 63 Resp: 5053
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.6 3.8#





#60
 1,2,3-Trichloropropane
 Concen: 7.808 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU053328.D
 Acq: 21 Mar 2023 16:45

Instrument :
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Tgt Ion: 75 Resp: 7325

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75 | 100 | | |
| 77 | 34.6 | 26.6 | 40.0 |
| 110 | 0.5 | 28.6 | 42.8# |

