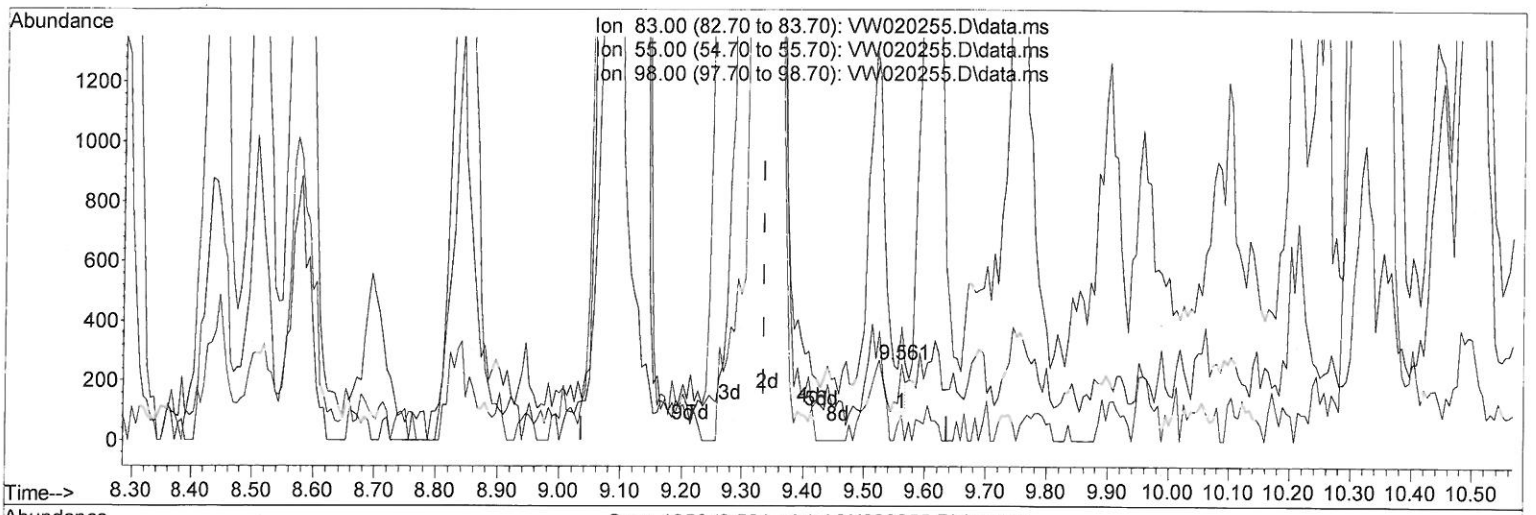
Quantitation Report (Qedit)

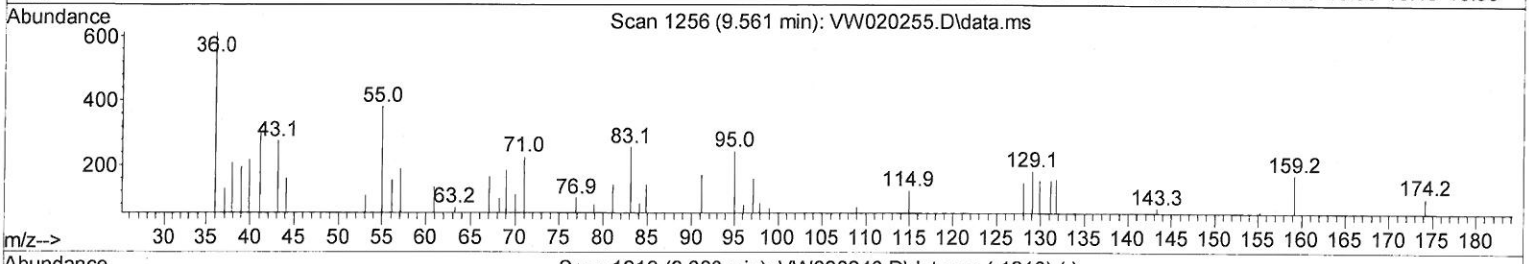
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020255.D
Acq On : 30 Sep 2021 01:54
Operator : SY/VA
Sample : M3974-09
Misc : 7.48g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

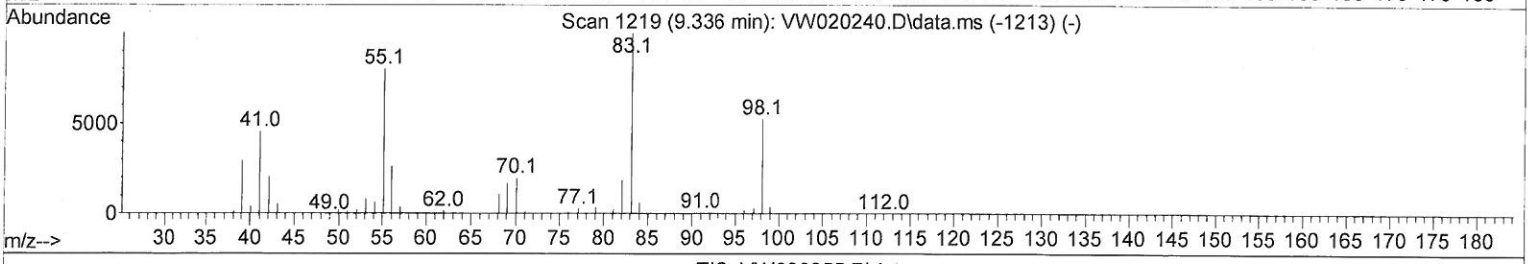
Quant Time: Sep 30 04:38:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 30 02:06:51 2021
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
EW8Z3

**Manual Integrations APPROVED**
MMDadoda
10/4/2021 3:18:48 PM




TIC: VW020255.D\data.ms

(35) Methylcyclohexane (T)

9.561min (+ 0.225) 0.01 ug/L

response 118

| Ion | Exp% | Act% |
|---|---|---|
| 83.00 | 100.00 | 100.00 |
| 55.00 | 76.80 | 70.34 |
| 98.00 | 47.60 | 42.37 |
| 0.00 | 0.00 | 0.00 |

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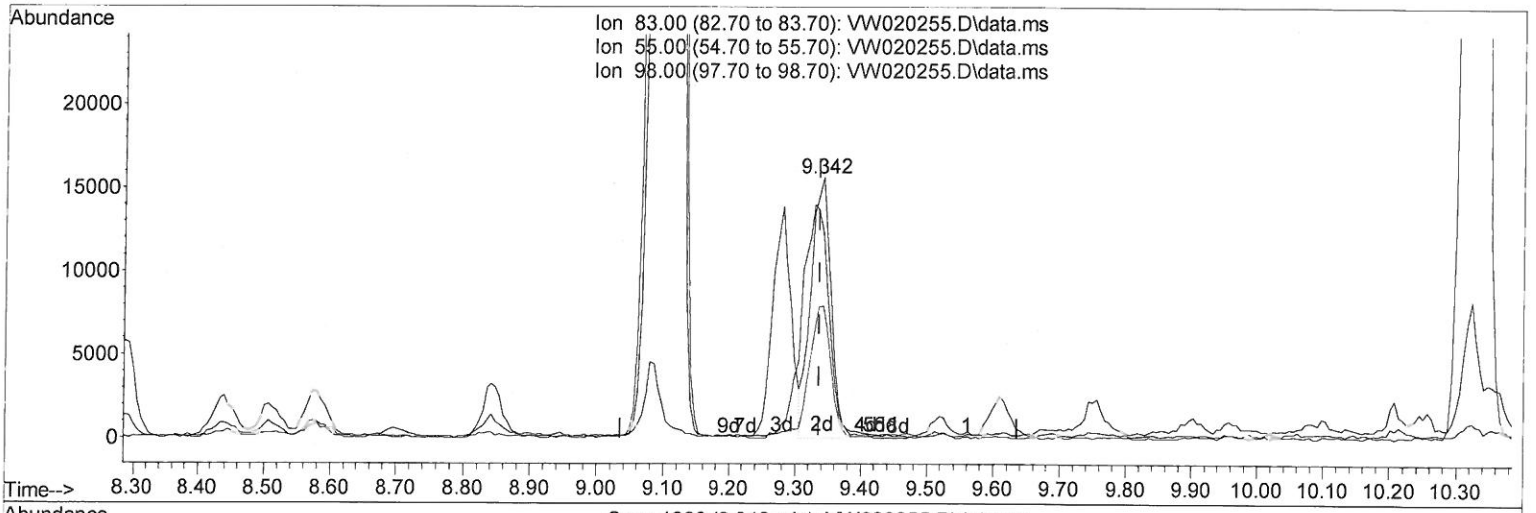
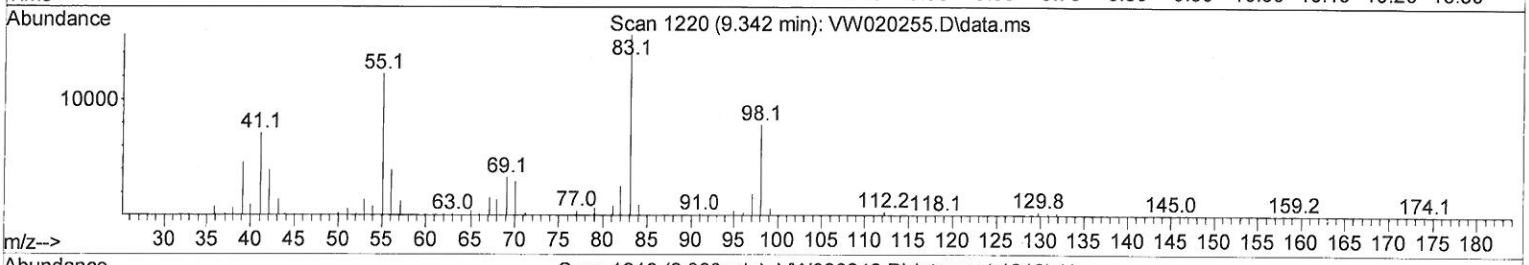
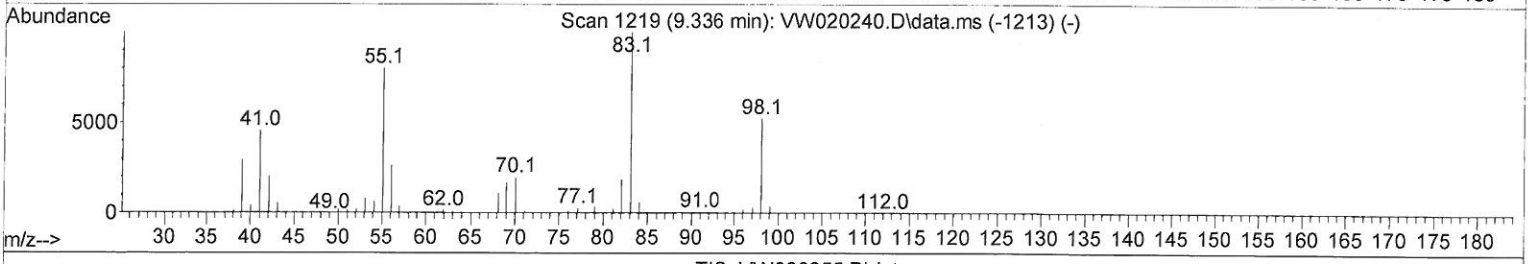
10/4/2021 3:18:48 PM




TIC: VW020255.D\data.ms

(35) Methylcyclohexane (T)

9.342min (+ 0.006) 4.14 ug/L m 10/04/21 (SY

response 33132

| Ion | Exp% | Act% |
|---|---|---|
| 83.00 | 100.00 | 100.00 |
| 55.00 | 76.80 | 0.25# |
| 98.00 | 47.60 | 0.15# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
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Quant Title : SFAM01.0
QLast Update : Thu Sep 30 02:06:51 2021
Response via : Initial Calibration

**Instrument :** MSVOA_W
**ClientSampleId :** EW8Z3

**Manual Integrations APPROVED**
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10/4/2021 3:18:48 PM

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 8.848 | 114 | 384638 | 25.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.634 | 117 | 304114 | 25.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 13.554 | 152 | 126551 | 25.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 2.361 | 65 | 107643 | 13.680 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 54.720% | | | |
| 7) Chloroethane-d5 | 2.898 | 69 | 88206 | 14.880 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 59.520% | | | |
| 11) 1,1-Dichloroethene-d2 | 4.025 | 63 | 134055 | 10.881 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 43.520%# | | | |
| 21) 2-Butanone-d5 | 7.110 | 46 | 39155 | 32.246 | ug/L | 0.03 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 64.500% | | | |
| 24) Chloroform-d | 7.653 | 84 | 214766 | 17.754 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 71.000% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.311 | 65 | 107090 | 16.449 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 65.800%# | | | |
| 32) Benzene-d6 | 8.275 | 84 | 374982 | 19.327 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 77.320% | | | |
| 36) 1,2-Dichloropropane-d6 | 9.281 | 67 | 105592 | 18.805 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 75.240% | | | |
| 41) Toluene-d8 | 10.323 | 98 | 324467 | 18.380 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 73.520% | | | |
| 43) trans-1,3-Dichloroprop... | 10.585 | 79 | 53634 | 22.348 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 89.400% | | | |
| 47) 2-Hexanone-d5 | 10.927 | 63 | 35461 | 45.635 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 91.280% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84 | 93498 | 21.587 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 86.360% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 13.853 | 152 | 100234 | 21.123 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 84.480% | | | |
| Target Compounds | | | | | | Qvalue |
| 5) Vinyl chloride | 2.367 | 62 | 423931 | 57.953 | ug/L | 97 |
| 12) 1,1-Dichloroethene | 4.050 | 96 | 42179 | 8.269 | ug/L | 89 |
| 13) Acetone | 4.141 | 43 | 6346 | 6.102 | ug/L | 95 |
| 17) trans-1,2-Dichloroethene | 5.428 | 96 | 51943 | 9.666 | ug/L | 94 |
| 20) cis-1,2-Dichloroethene | 7.159 | 96 | 30046314 | 5497.874 | ug/L | 75 |
| 29) Cyclohexane | 7.964 | 56 | 23764 | 3.512 | ug/L | 98 |
| 33) Benzene | 8.330 | 78 | 89215 | 4.861 | ug/L | 100 |
| 34) Trichloroethene | 9.104 | 95 | 22231562 | 4524.856 | ug/L | 97 |
| 35) Methylcyclohexane | 9.342 | 83 | 33132m | 4.139 | ug/L | |
| 42) Toluene | 10.390 | 91 | 18375 | 0.942 | ug/L | 96 |
| 46) Tetrachloroethene | 10.866 | 164 | 9863 | 2.597 | ug/L | 96 |
| 52) Ethylbenzene | 11.731 | 91 | 120688 | 5.619 | ug/L | 100 |
| 53) m,p-Xylene | 11.841 | 106 | 8520 | 1.041 | ug/L | 86 |
| 54) o-Xylene | 12.170 | 106 | 13816 | 1.824 | ug/L | 87 |
| 60) Isopropylbenzene | 12.463 | 105 | 30737 | 1.811 | ug/L | 97 |
| 62) 1,3,5-Trimethylbenzene | 12.945 | 105 | 42555 | 3.056 | ug/L | 100 |
| 63) 1,2,4-Trimethylbenzene | 13.249 | 105 | 57363 | 4.193 | ug/L | 99 |

10/04/21 SY

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