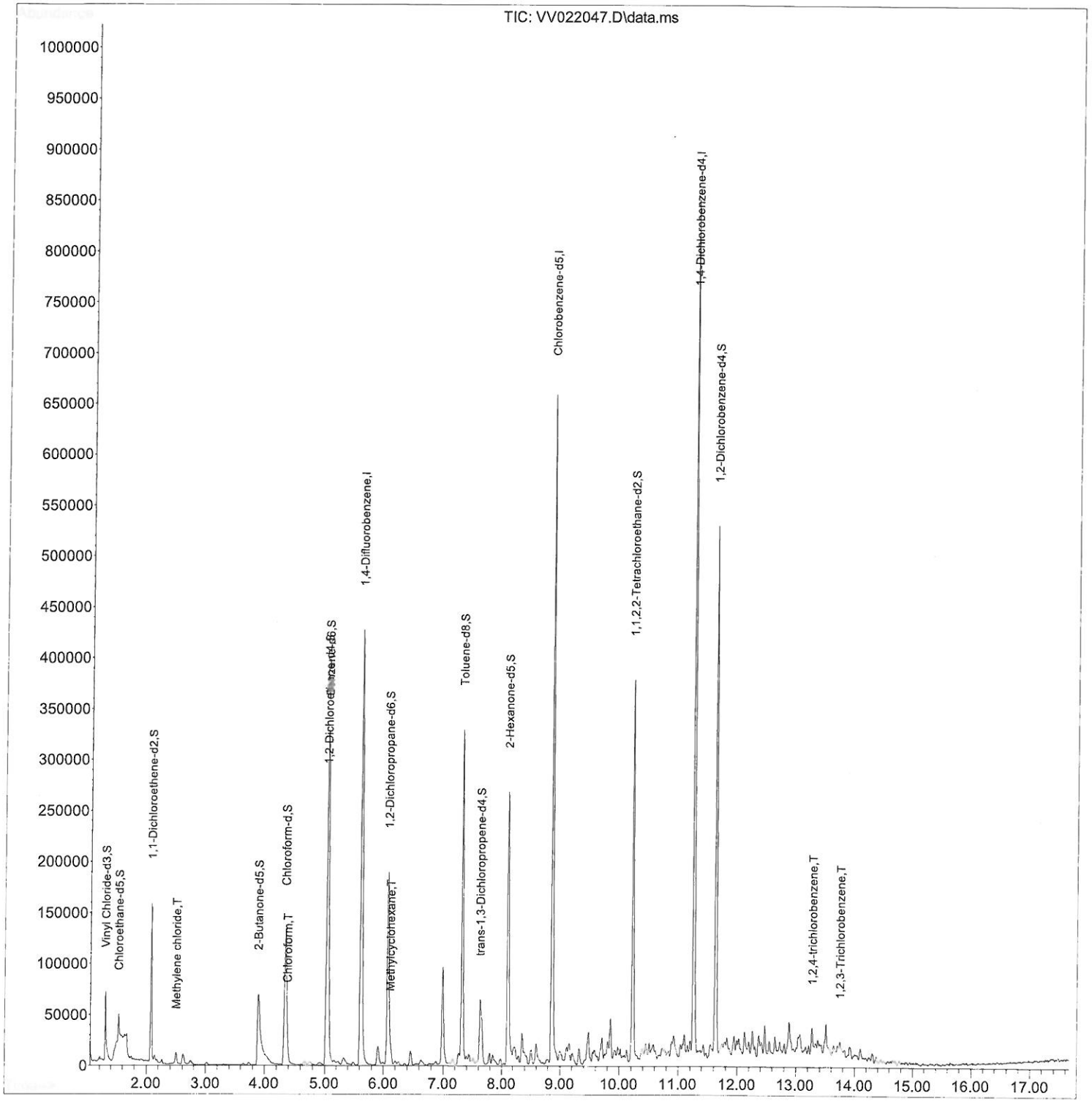
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083121\
Data File : VV022047.D
Acq On : 31 Aug 2021 17:45
Operator : SY/MD
Sample : M3526-01
Misc : 5.14g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Sep 01 02:46:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 01 02:41:24 2021
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
EW7A9

**Manual Integrations APPROVED**
MMDadoda
9/1/2021 12:30:18 PM



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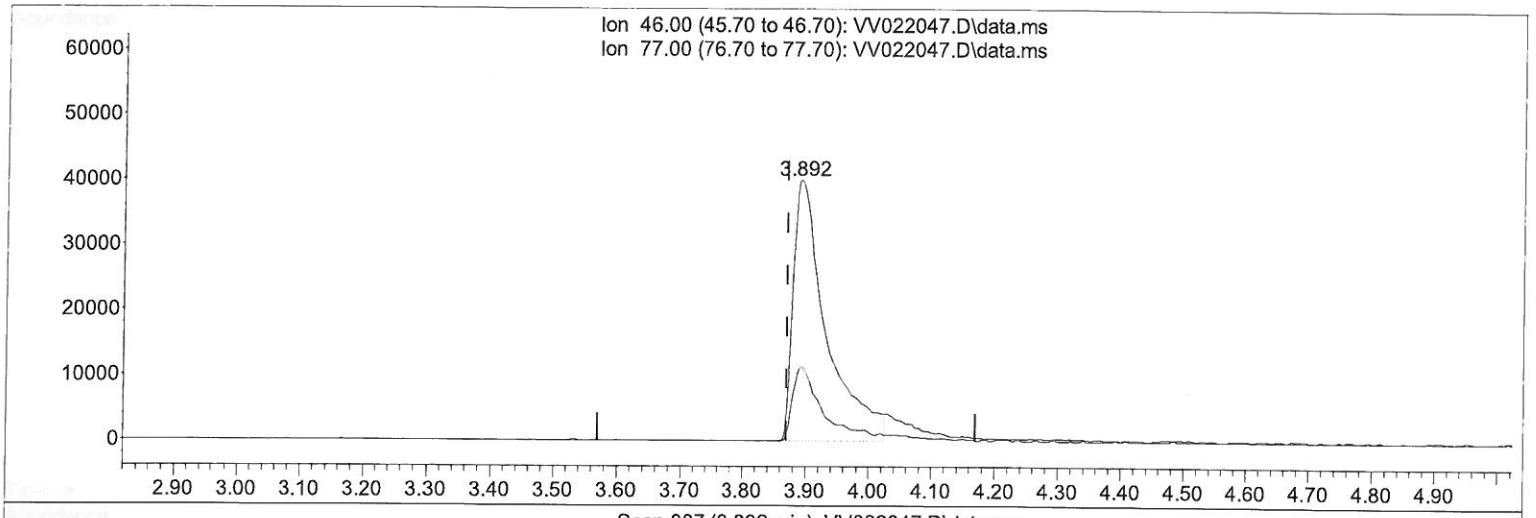


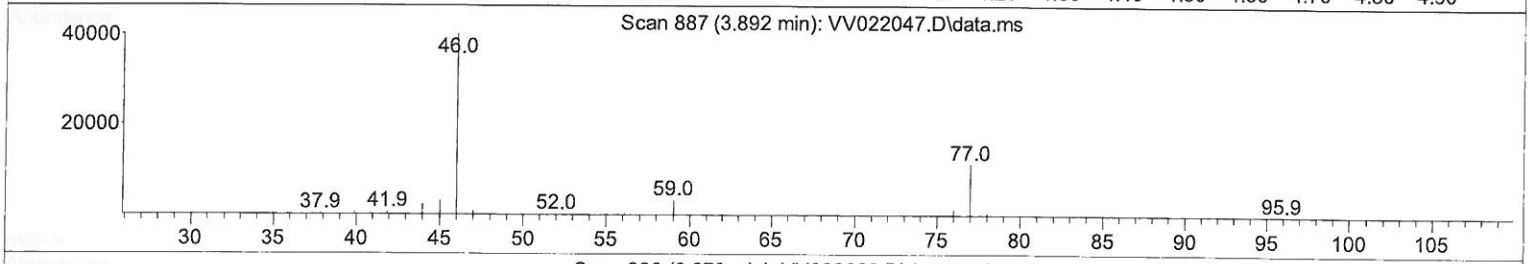


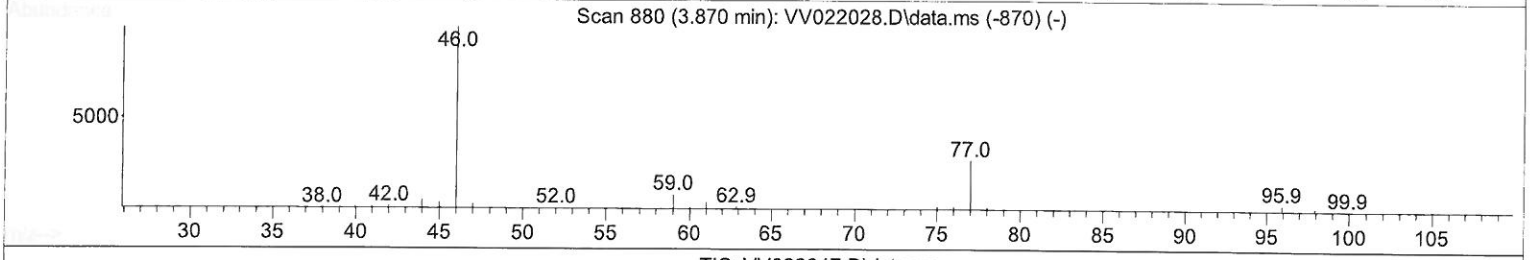


TIC: VV022047.D\data.ms

(21) 2-Butanone-d5 (S)

3.892min (+ 0.023) 74.88 ug/L

response 146018

| Ion | Exp% | Act% |
|---|---|---|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 26.70 | 21.67 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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MSVOA_V
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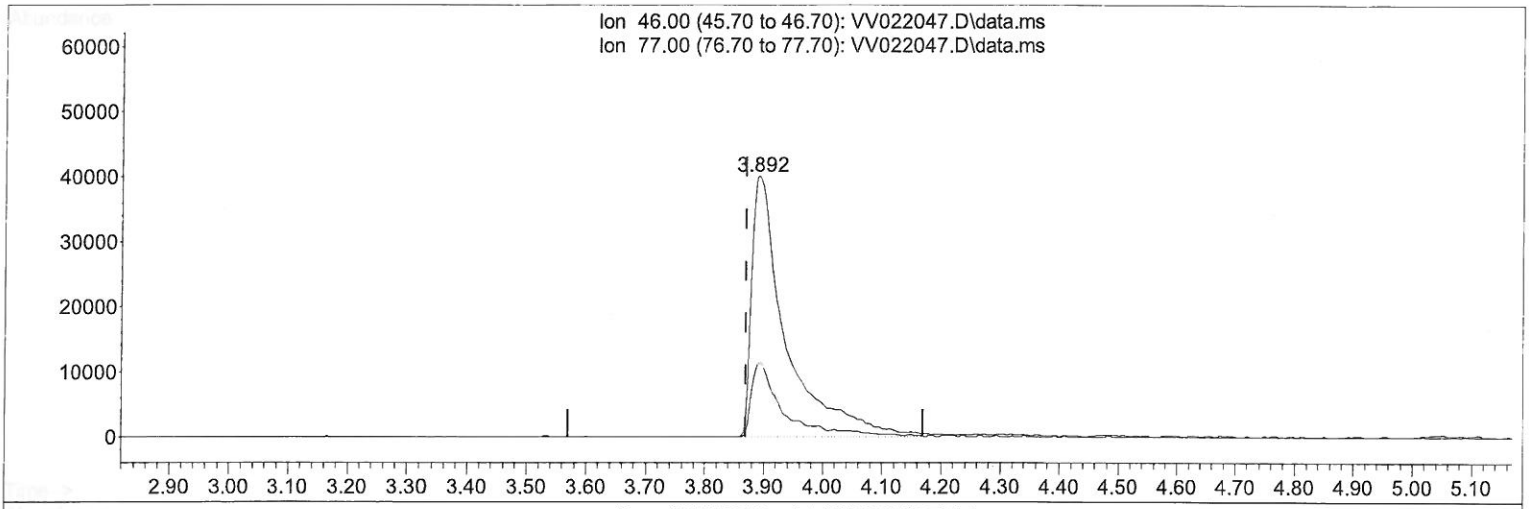
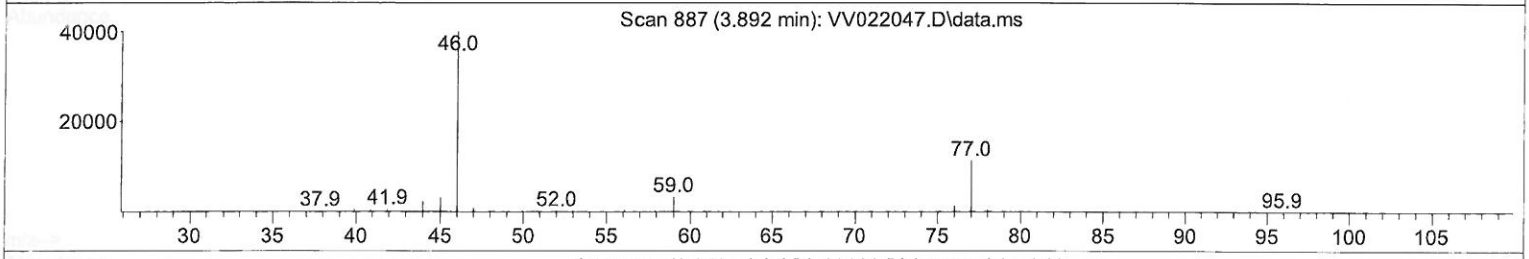
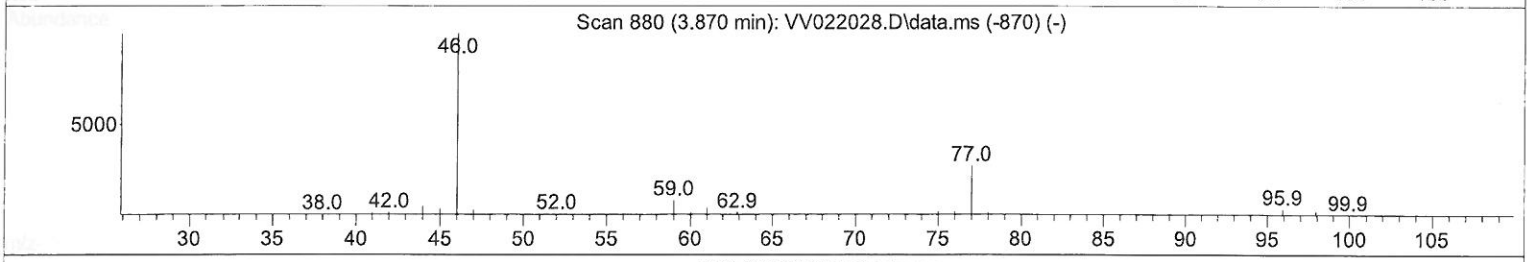
**Manual Integrations APPROVED**
MMDadoda
9/1/2021 12:30:18 PM




TIC: VV022047.D\data.ms

(21) 2-Butanone-d5 (S)

3.892min (+ 0.023) 82.57 ug/L m

response 161027

| Ion | Exp% | Act% |
|---|---|---|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 26.70 | 19.65 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

MD 9/8/21

Quantitation Report (Qedit)

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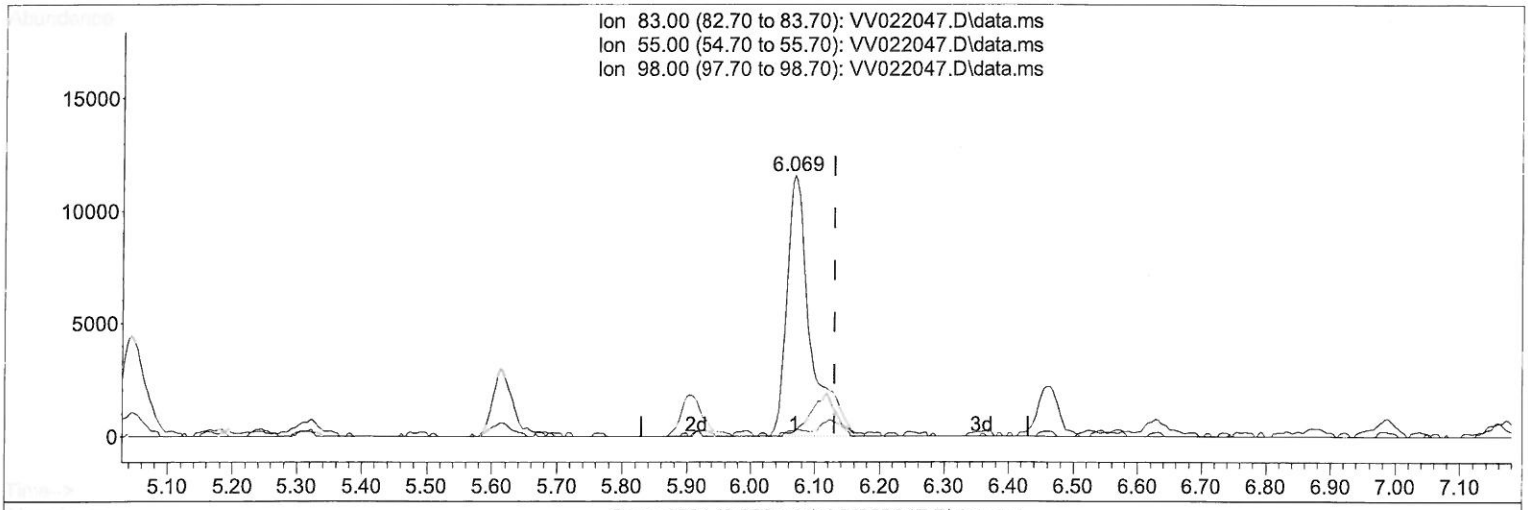
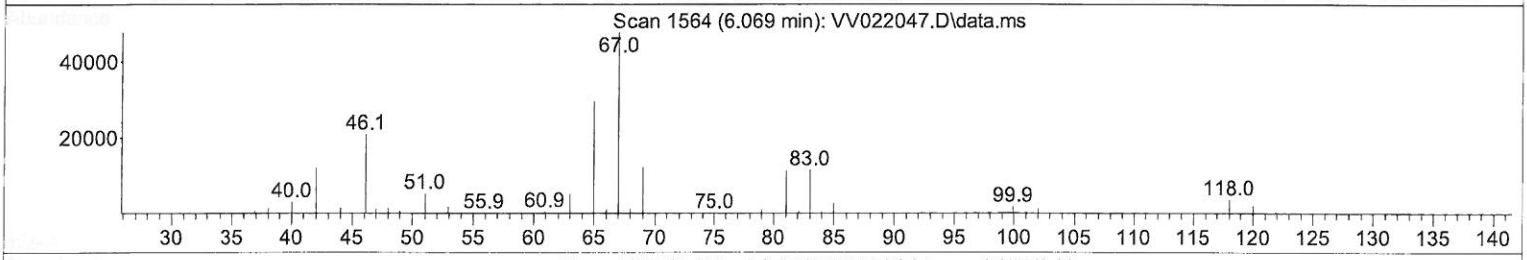
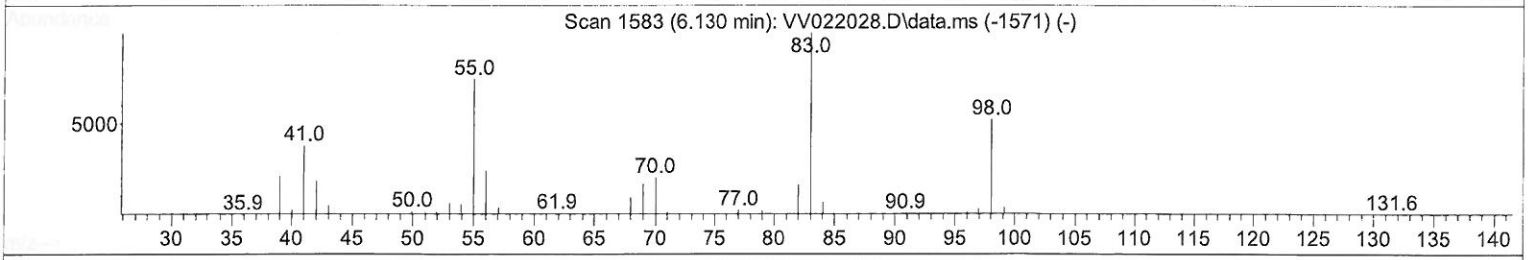
MMDadoda
9/1/2021 12:30:18 PM




TIC: VV022047.D\data.ms

(35) Methylcyclohexane (T)

6.069min (-0.061) 6.06 ug/L

response 29213

| Ion | Exp% | Act% |
|---|---|---|
| 83.00 | 100.00 | 100.00 |
| 55.00 | 71.00 | 0.34# |
| 98.00 | 49.90 | 2.07# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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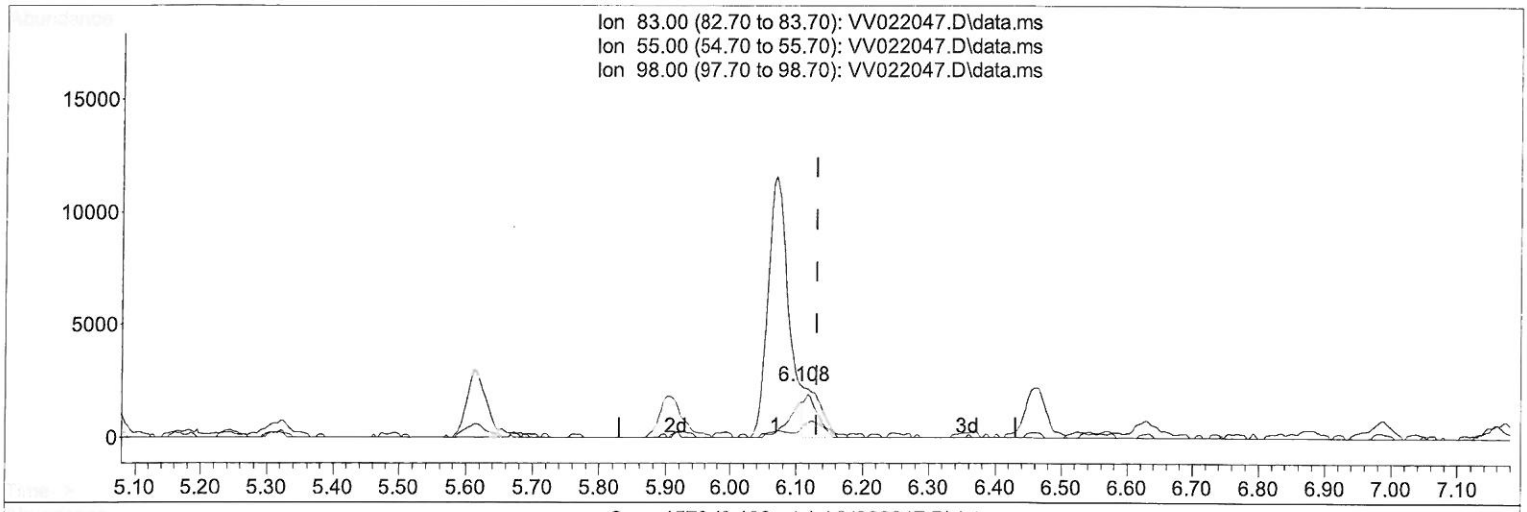
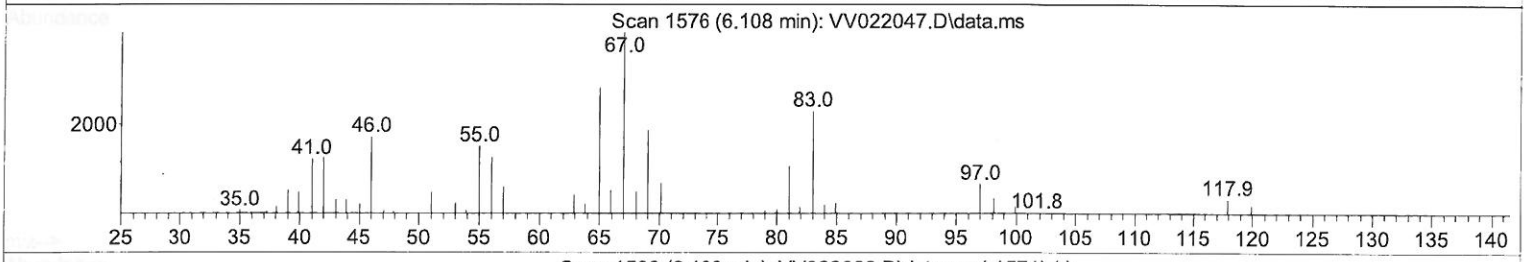
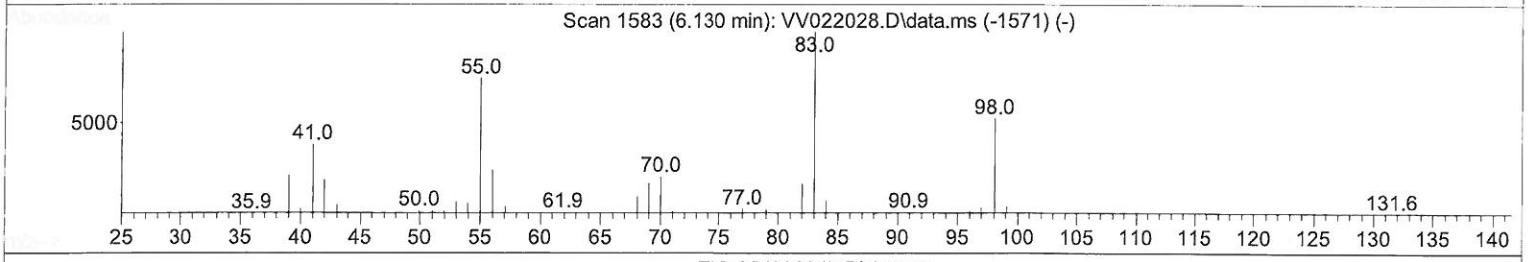
**Instrument :**
MSVOA_V
**ClientSampleId :**
EW7A9

**Manual Integrations APPROVED**
MMDadoda
9/1/2021 12:30:18 PM




TIC: VV022047.D\data.ms

(35) Methylcyclohexane (T)

6.108min (-0.022) 0.90 ug/L m

MD 9/8/21

response 4341

| Ion | Exp% | Act% |
|---|---|---|
| 83.00 | 100.00 | 100.00 |
| 55.00 | 71.00 | 2.28# |
| 98.00 | 49.90 | 13.96# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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**Instrument :** MSVOA_V
**ClientSampleId :** EW7A9

**Manual Integrations APPROVED**
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9/1/2021 12:30:18 PM

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.612 | 114 | 410605 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.857 | 117 | 400299 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.255 | 152 | 231012 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.301 | 65 | 61259 | 21.544 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 43.080%# | | | |
| 7) Chloroethane-d5 | 1.529 | 69 | 18302 | 8.242 | ug/L | -0.03 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 16.480%# | | | |
| 11) 1,1-Dichloroethene-d2 | 2.072 | 63 | 78586 | 16.711 | ug/L | -0.03 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 33.420%# | | | |
| 21) 2-Butanone-d5 | 3.892 | 46 | 161027m | 82.573 | ug/L | 0.02 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 82.570% | | | |
| 24) Chloroform-d | 4.346 | 84 | 144612 | 27.891 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 55.780%# | | | |
| 26) 1,2-Dichloroethane-d4 | 5.027 | 65 | 99501 | 32.581 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 65.160%# | | | |
| 32) Benzene-d6 | 5.043 | 84 | 275790 | 25.401 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 50.800%# | | | |
| 36) 1,2-Dichloropropane-d6 | 6.069 | 67 | 102061 | 29.890 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 59.780%# | | | |
| 41) Toluene-d8 | 7.317 | 98 | 228911 | 22.335 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 44.660%# | | | |
| 43) trans-1,3-Dichloroprop... | 7.625 | 79 | 42292 | 26.023 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 52.040%# | | | |
| 47) 2-Hexanone-d5 | 8.104 | 63 | 115153 | 87.893 | ug/L | 0.02 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 87.890% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.223 | 84 | 179004 | 40.933 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 81.860% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.628 | 152 | 135874 | 29.919 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 59.840%# | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Methylene chloride | 2.494 | 84 | 4534 | 1.429 | ug/L | 99 |
| 25) Chloroform | 4.378 | 83 | 9667 | 1.790 | ug/L | 95 |
| 35) Methylcyclohexane | 6.108 | 83 | 4341m | 0.900 | ug/L | |
| 70) 1,2,4-trichlorobenzene | 13.275 | 180 | 3753 | 0.774 | ug/L # | 84 |
| 72) 1,2,3-Trichlorobenzene | 13.750 | 180 | 3866 | 0.818 | ug/L # | 94 |

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