

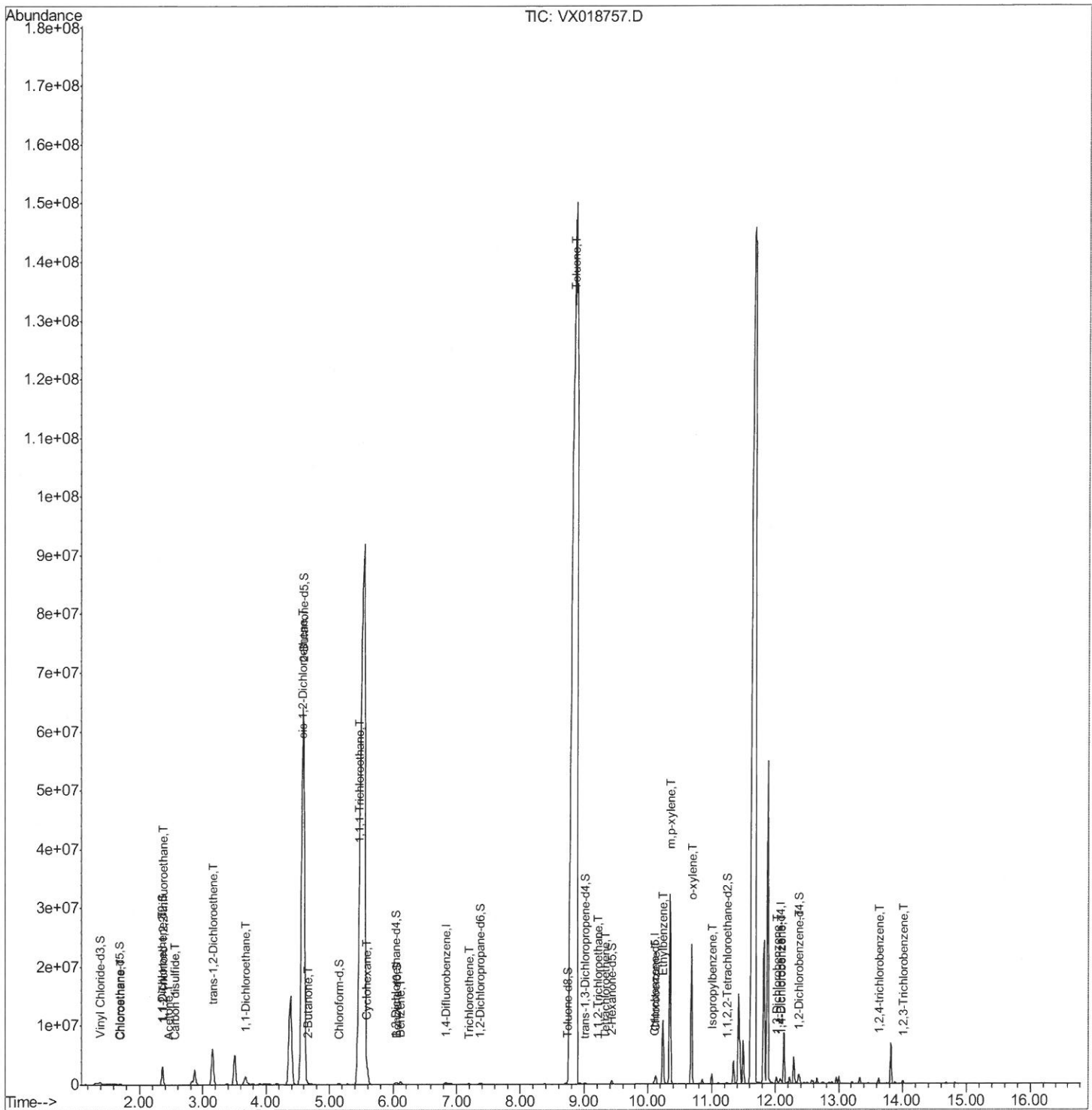
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\  
Data File : VX018757.D  
Acq On : 02 Oct 2020 19:05  
Operator : JC/SP  
Sample : L4239-04  
Misc : 25.0mL/MSVOA X/WATER  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BG3N3

Manual Integrations  
APPROVED

MMDadoda  
10/6/2020 1:25:33 PM

Quant Time: Oct 03 07:45:14 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SOMXTR100220WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Oct 02 14:11:08 2020  
Response via : Initial Calibration



## Quantitation Report (Qedit)

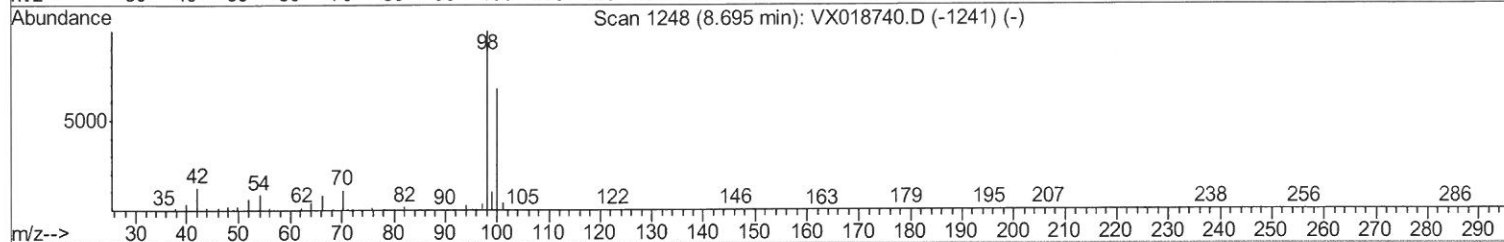
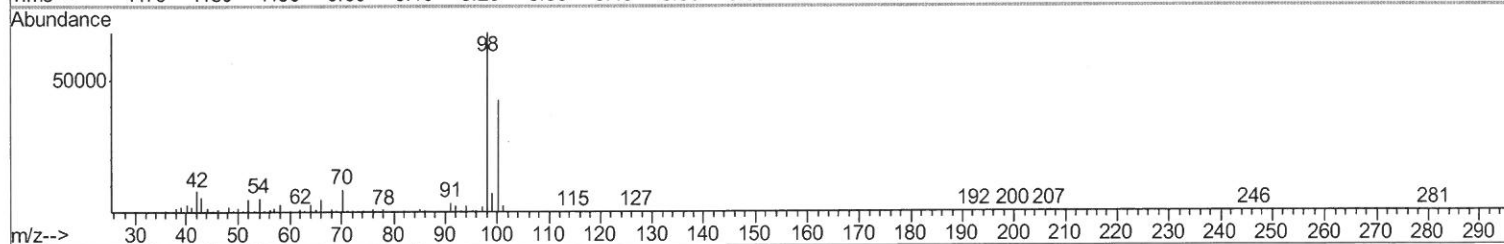
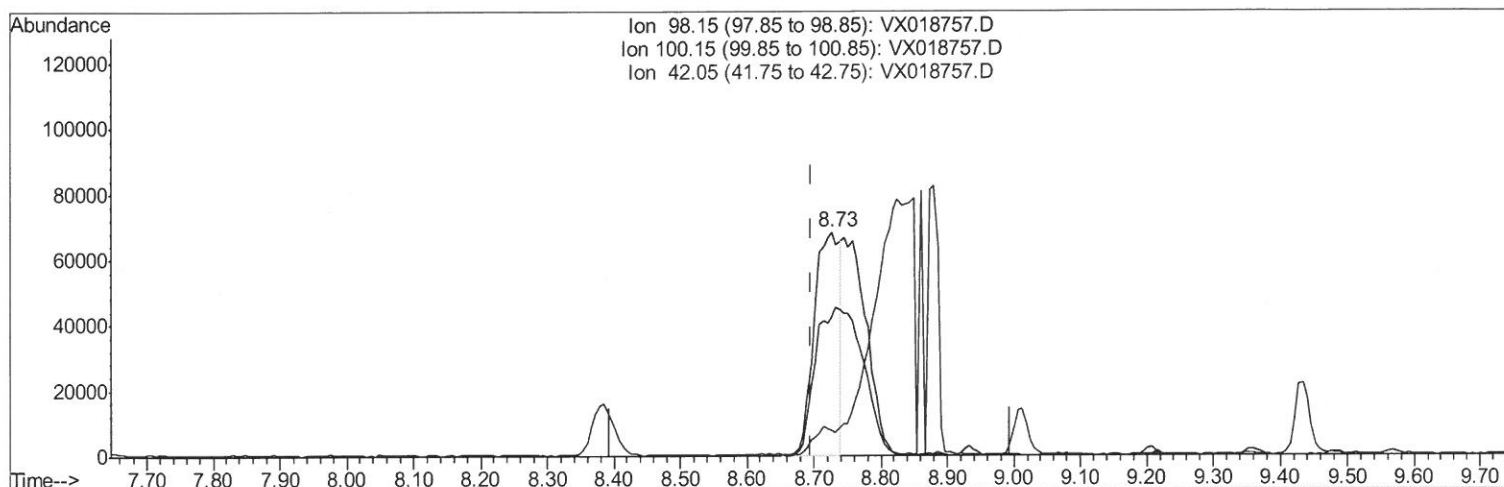
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TIC: VX018757.D

(41) Toluene-d8 (S)

8.726min (+0.031) 2.69ug/L

response 180449

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 98.15  | 100   | 100     |
| 100.15 | 64.70 | 123.55# |
| 42.05  | 12.90 | 10.33   |
| 0.00   | 0.00  | 0.00    |

# Quantitation Report (Qedit)

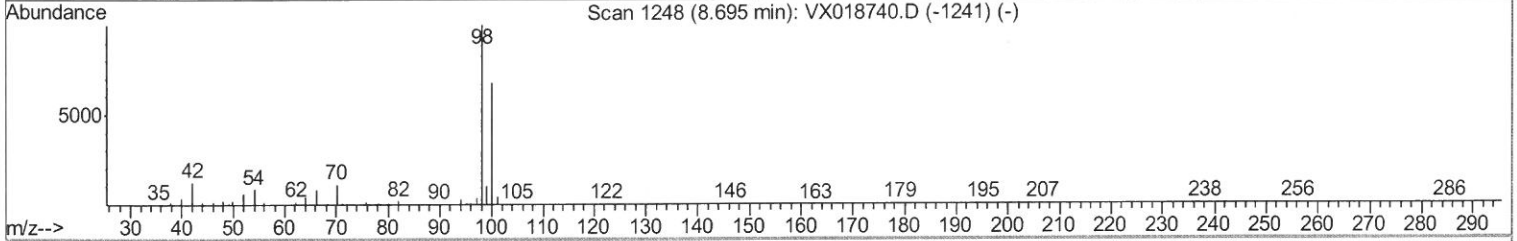
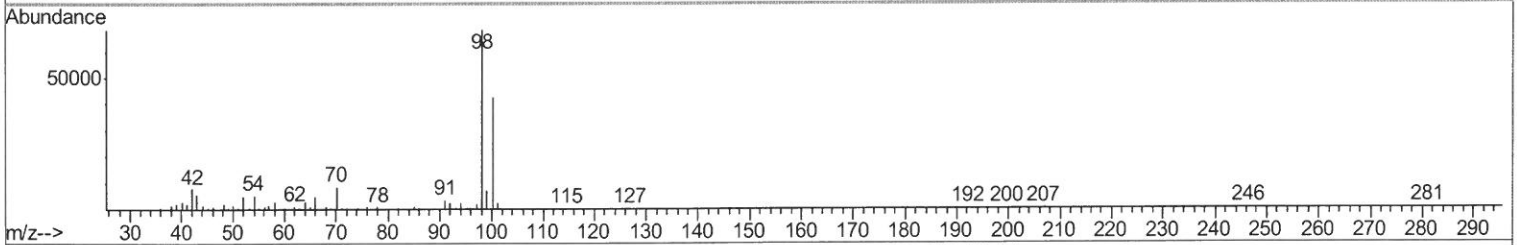
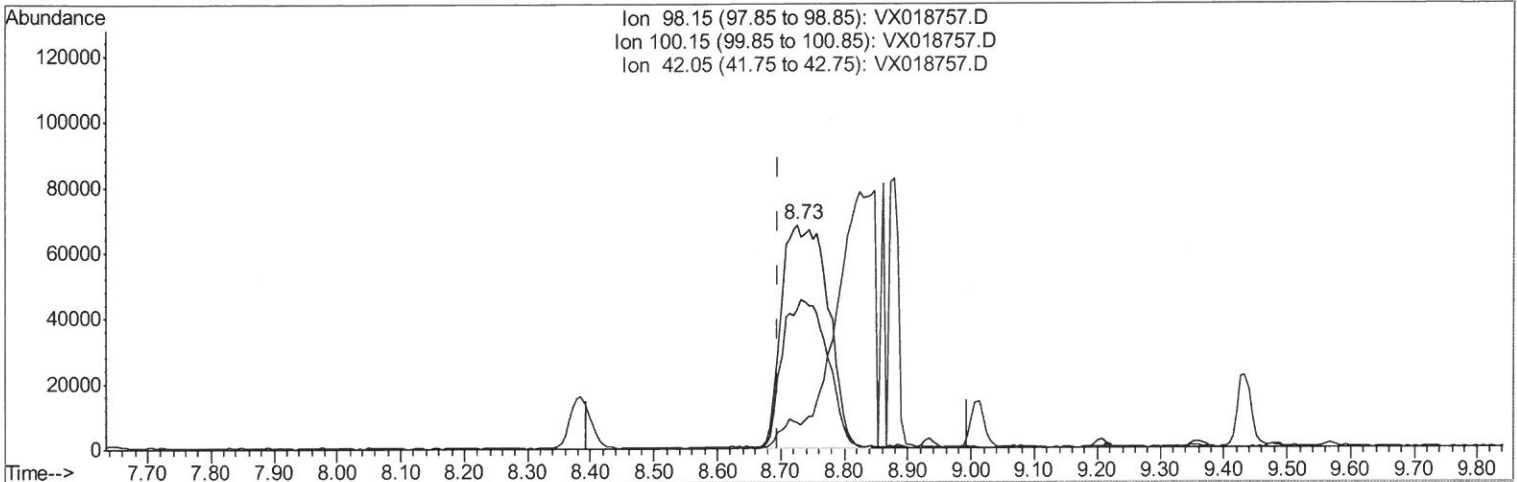
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TIC: VX018757.D

(41) Toluene-d8 (S)

8.726min (+0.031) 5.16ug/L m

response 346666

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 98.15  | 100   | 100   |
| 100.15 | 64.70 | 64.31 |
| 42.05  | 12.90 | 5.38# |
| 0.00   | 0.00  | 0.00  |

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# Quantitation Report (Qedit)

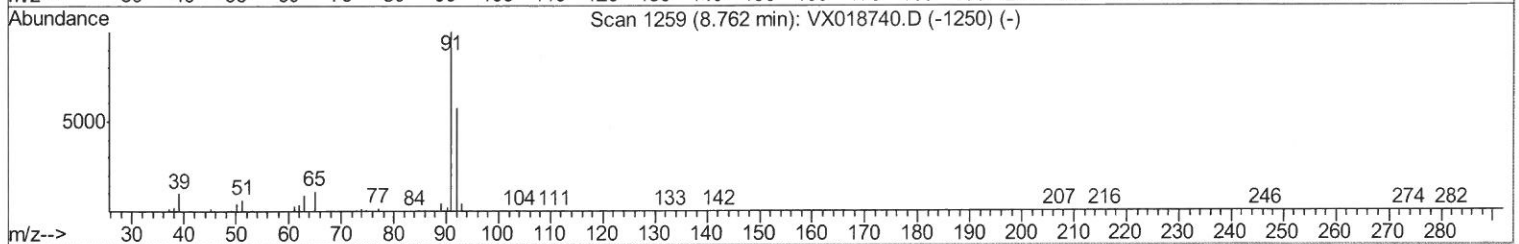
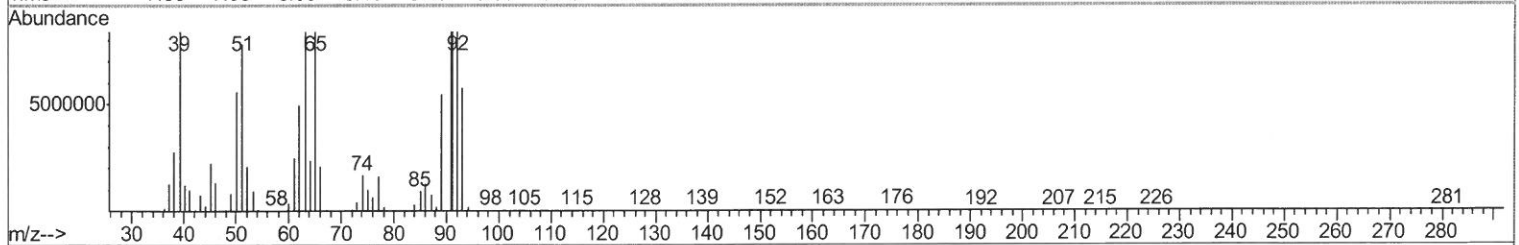
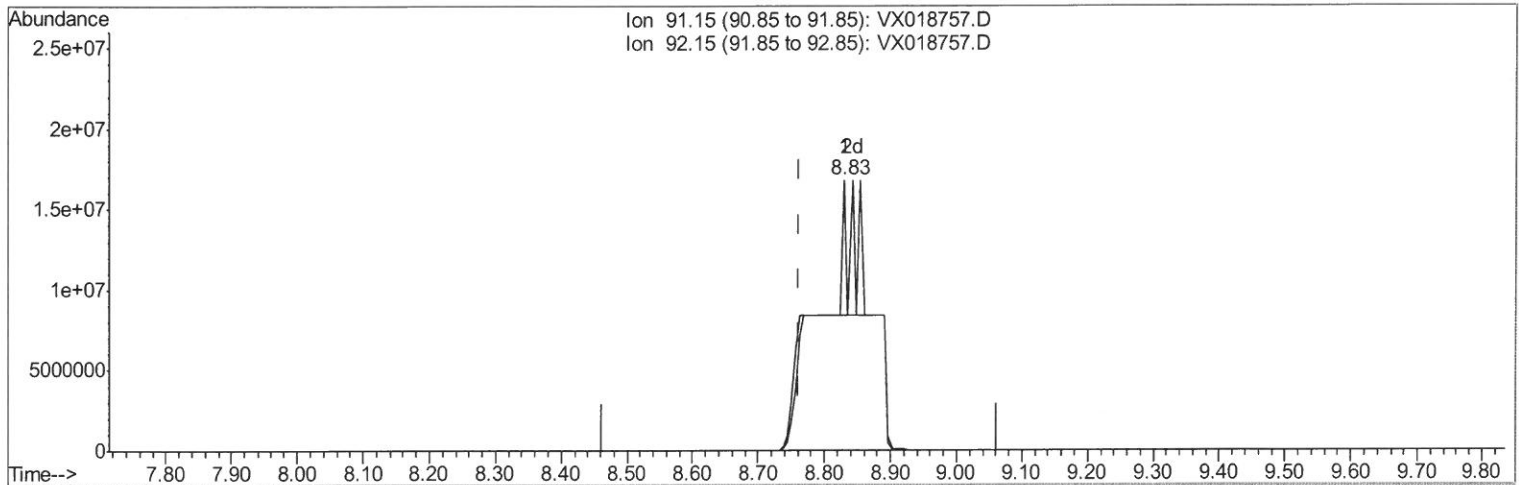
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TIC: VX018757.D

(42) Toluene (T)

8.829min (+0.067) 48.85ug/L

response 3070043

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 91.15 | 100   | 100   |
| 92.15 | 57.60 | 50.00 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |



# Quantitation Report (Qedit)

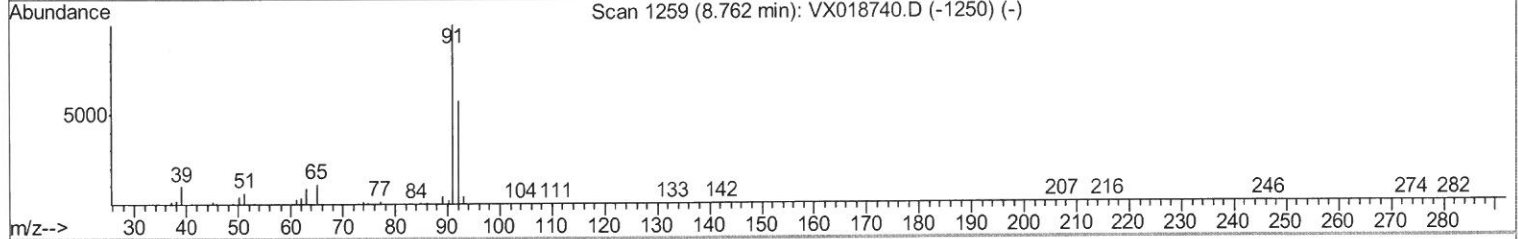
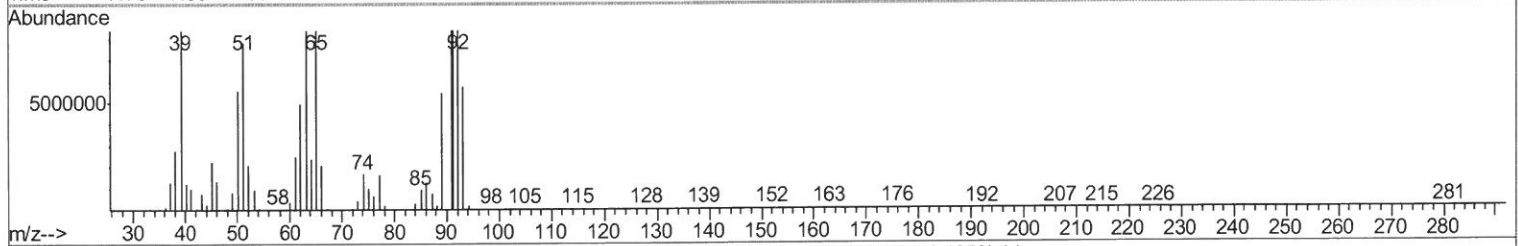
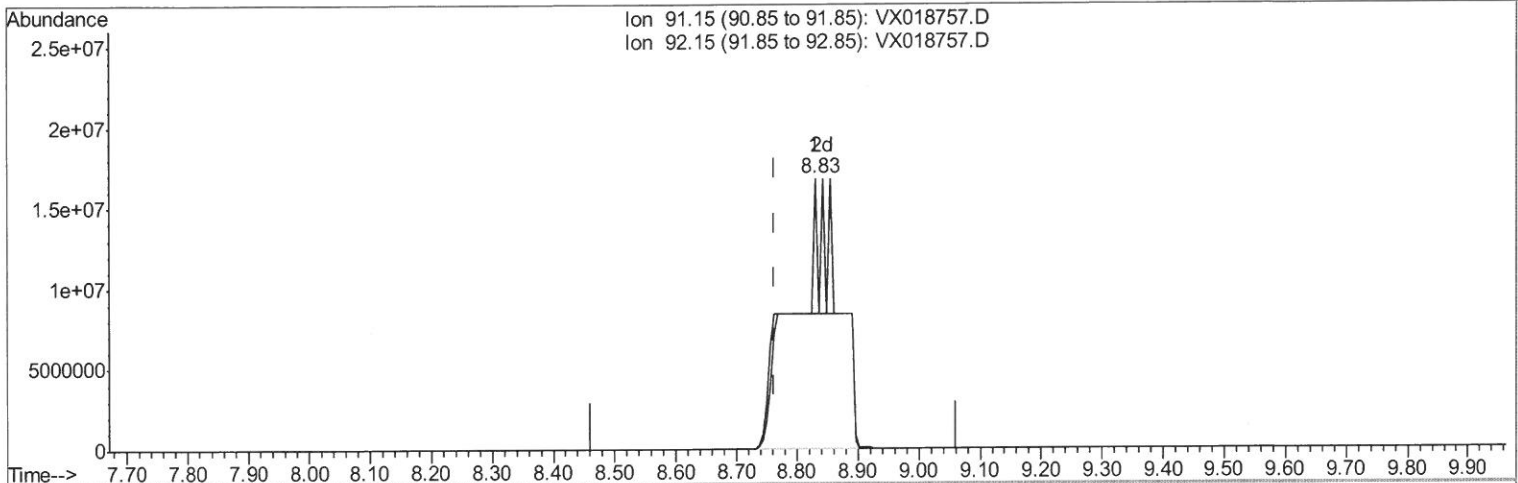
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Instrument :  
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TIC: VX018757.D

(42) Toluene (T)

8.829min (+0.067) 1288.25ug/L m

response 80964942

| Ion   | Exp%  | Act%    |
|-------|-------|---------|
| 91.15 | 100   | 100     |
| 92.15 | 57.60 | 100.00# |
| 0.00  | 0.00  | 0.00    |
| 0.00  | 0.00  | 0.00    |

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## Quantitation Report (Qedit)

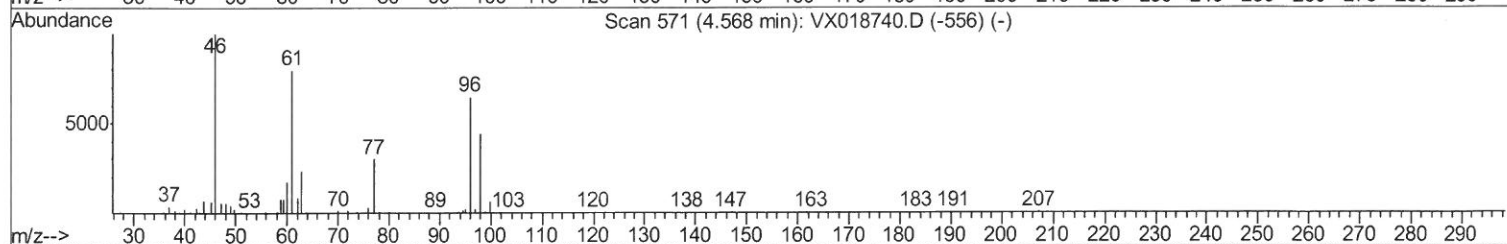
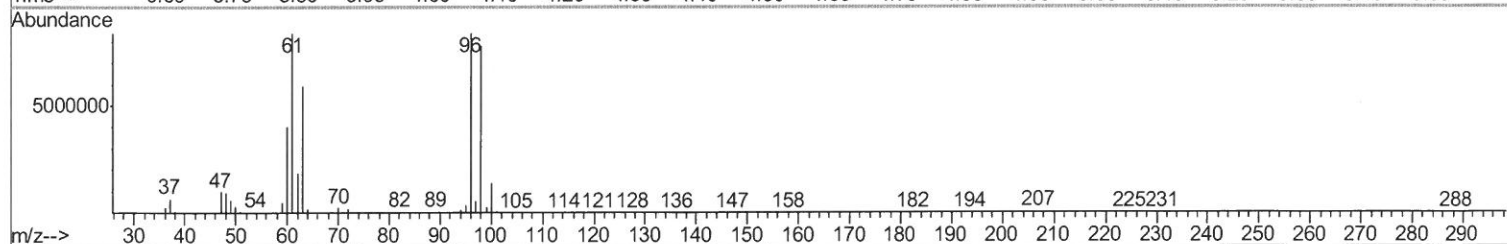
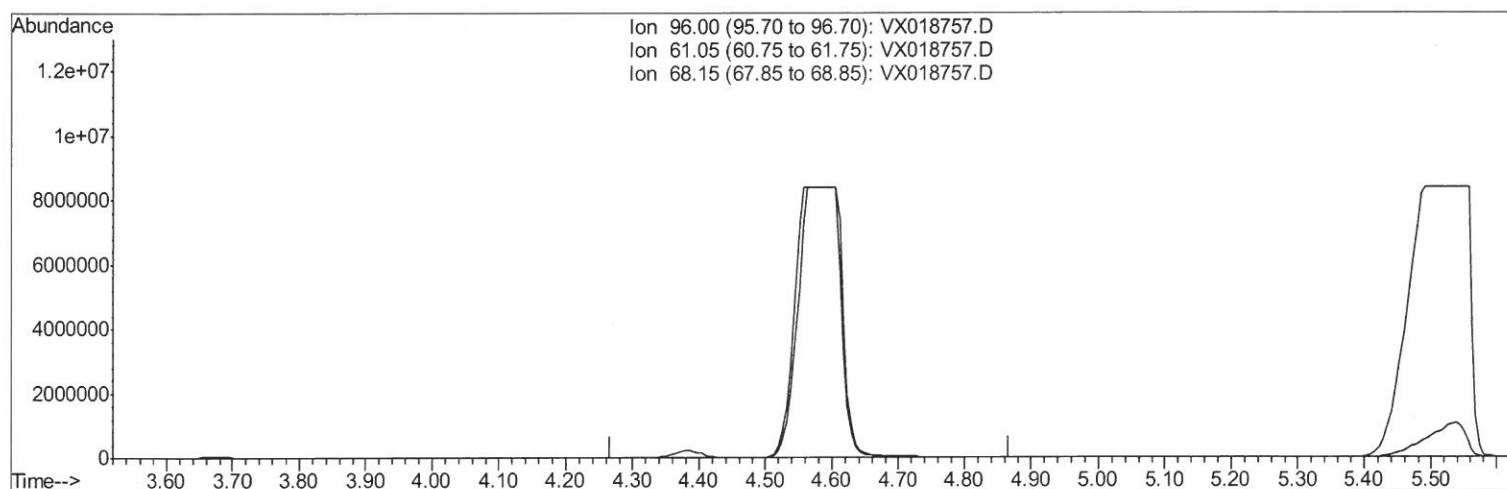
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\  
Data File : VX018757.D  
Acq On : 02 Oct 2020 19:05  
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ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
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TIC: VX018757.D

(22) cis-1,2-Dichloroethene (T)

4.568min (-4.568) 0.00ug/L

response 0

| Ion   | Exp%   | Act%  |
|-------|--------|-------|
| 96.00 | 100    | 0.00  |
| 61.05 | 123.10 | 0.00# |
| 68.15 | 0.50   | 0.00# |
| 0.00  | 0.00   | 0.00  |

# Quantitation Report (Qedit)

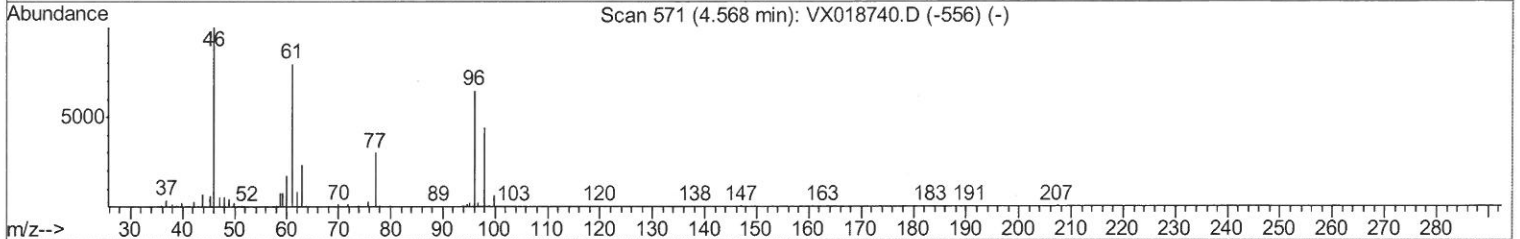
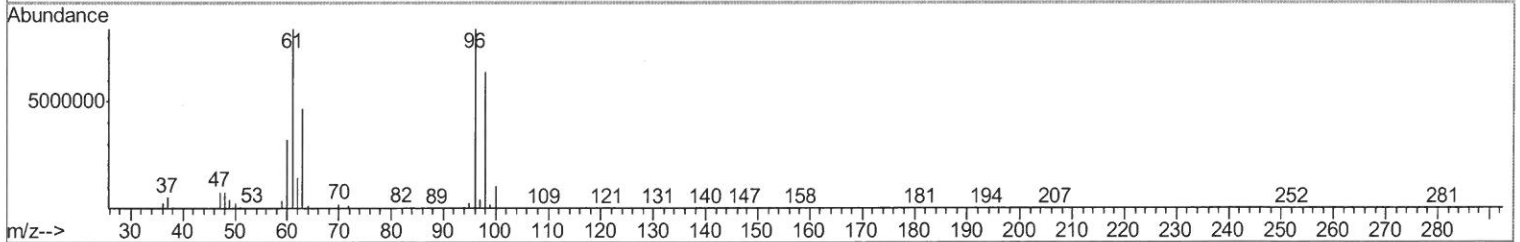
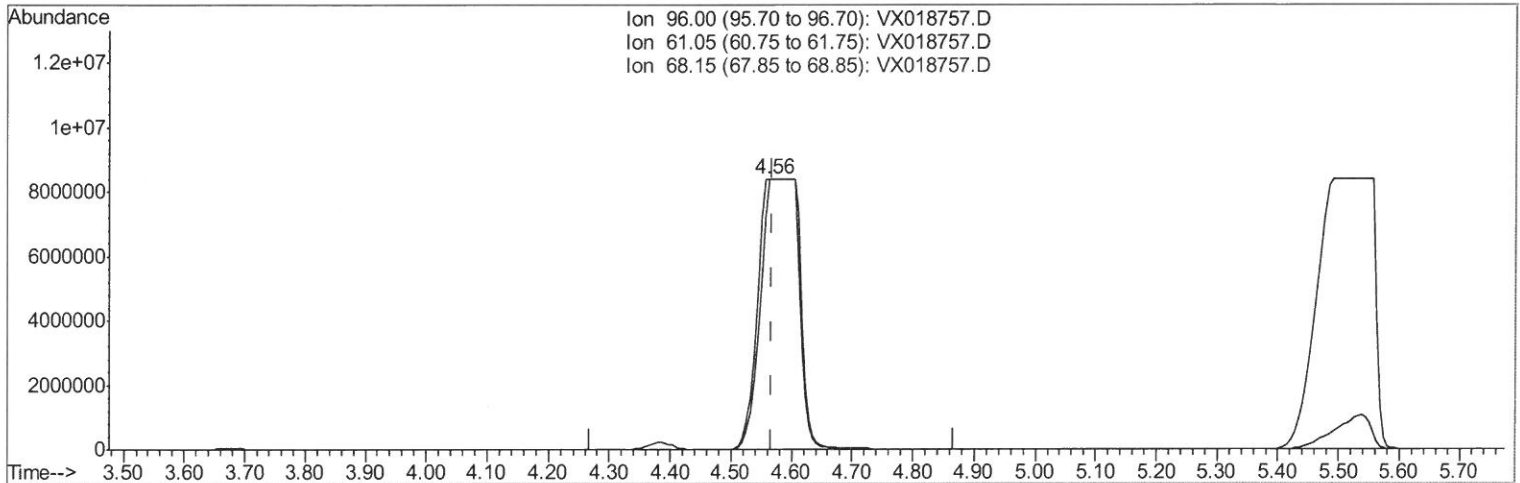
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 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
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TIC: VX018757.D

(22) cis-1,2-Dichloroethene (T)

4.562min (-0.006) 2336.29ug/L m

response 36564870

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100    | 100    |
| 61.05 | 123.10 | 100.00 |
| 68.15 | 0.50   | 0.00#  |
| 0.00  | 0.00   | 0.00   |

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# Quantitation Report (Qedit)

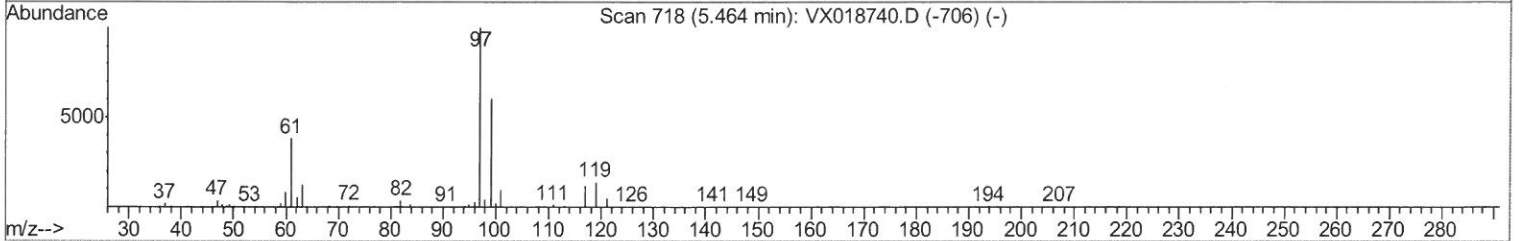
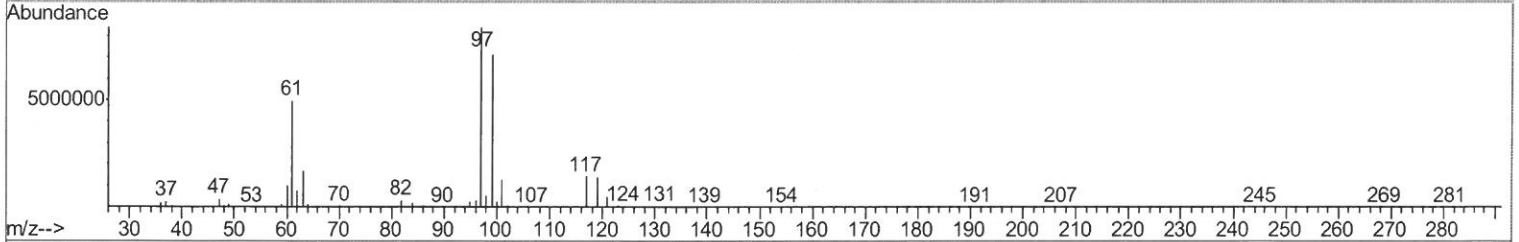
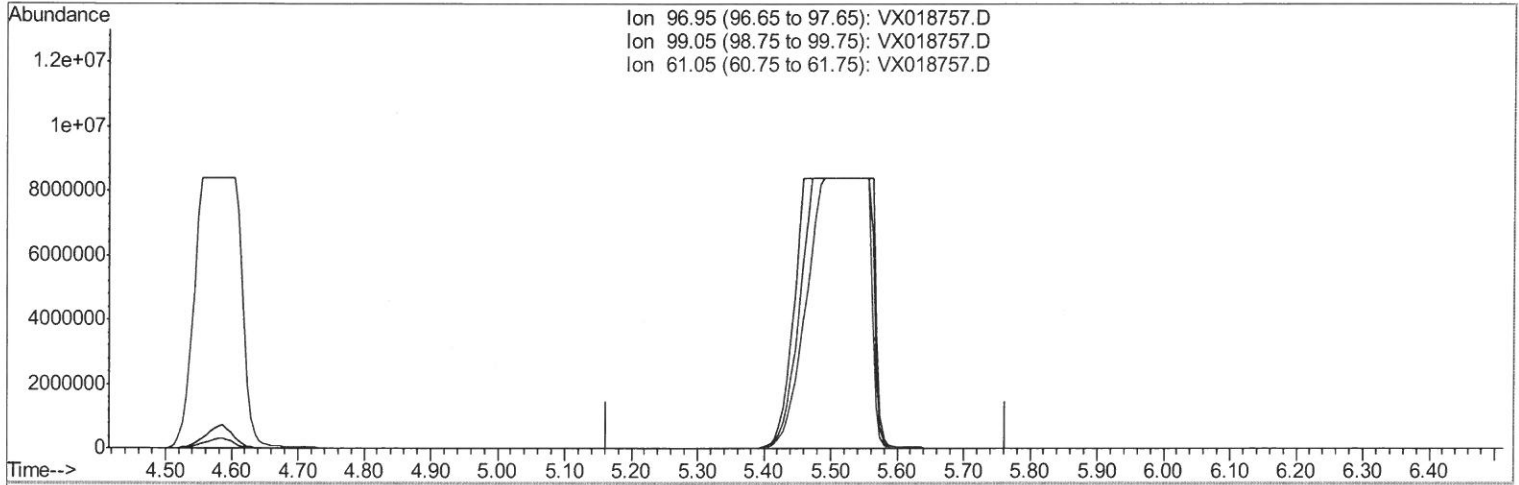
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 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
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TIC: VX018757.D

(29) 1,1,1-Trichloroethane (T)

5.464min (-5.464) 0.00ug/L

response 0

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.95 | 100   | 0.00  |
| 99.05 | 64.10 | 0.00# |
| 61.05 | 41.60 | 0.00# |
| 0.00  | 0.00  | 0.00  |



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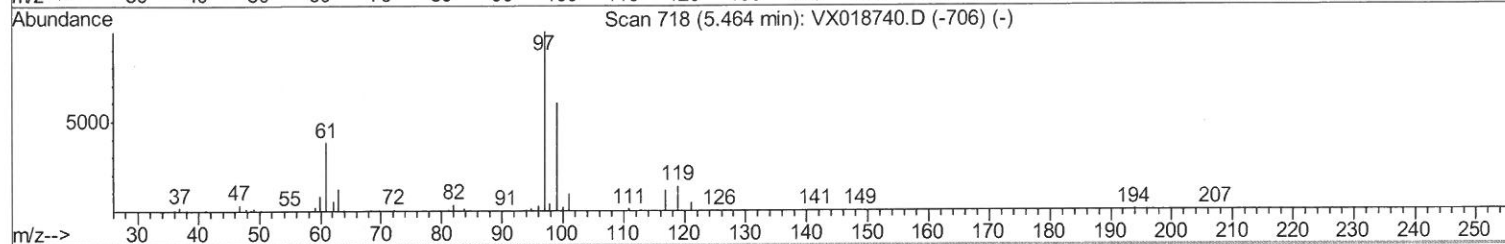
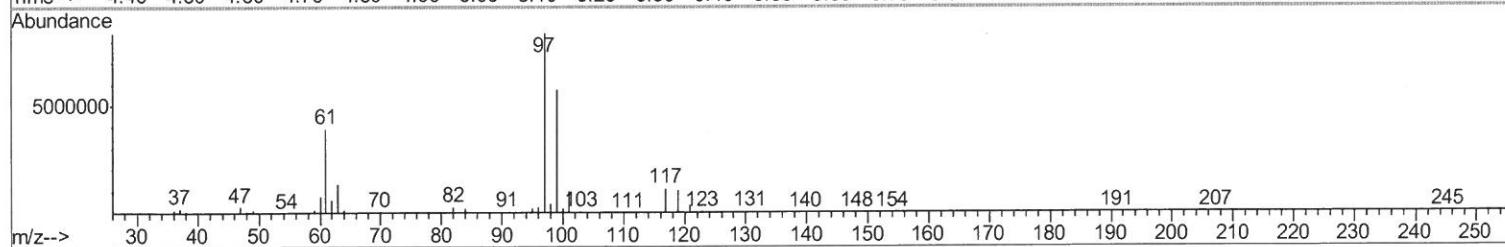
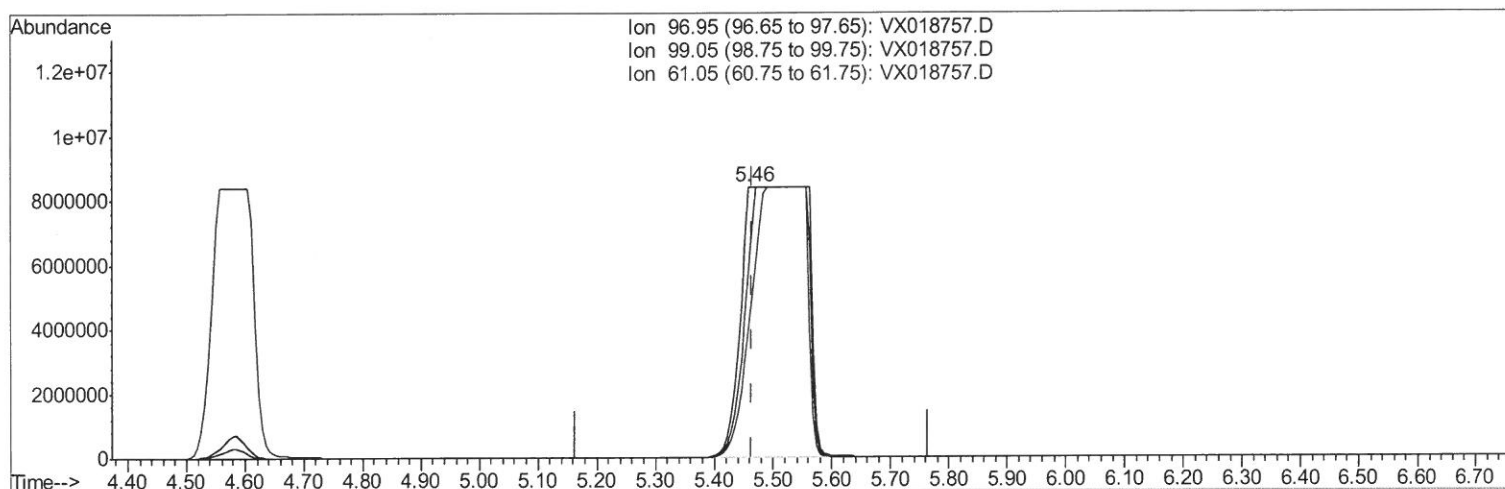
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\  
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ClientSampleId :  
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(29) 1,1,1-Trichloroethane (T)

5.458min (-0.006) 1984.55ug/L m

response 64392152

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 96.95 | 100   | 100   |
| 99.05 | 64.10 | 0.00# |
| 61.05 | 41.60 | 0.00# |
| 0.00  | 0.00  | 0.00  |

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10/20/20

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 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.84  | 114  | 284524   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 10.10 | 117  | 274277   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 138432   | 5.00 | ug/L  | 0.01     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.39   | 65    | 92229    | 5.55     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 111.00%  |
| 7) Chloroethane-d5             | 1.70   | 69    | 70467    | 5.42     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 108.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.35   | 63    | 719142   | 19.18    | ug/L | 0.01     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 383.60%# |
| 20) 2-Butanone-d5              | 4.59   | 46    | 232328   | 53.29    | ug/L | 0.04     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 106.58%  |
| 24) Chloroform-d               | 5.15   | 84    | 178668   | 4.44     | ug/L | 0.01     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.80%   |
| 26) 1,2-Dichloroethane-d4      | 6.04   | 65    | 107532   | 4.38     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 87.60%   |
| 32) Benzene-d6                 | 6.06   | 84    | 347595   | 5.10     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 102.00%  |
| 36) 1,2-Dichloropropane-d6     | 7.38   | 67    | 105232   | 5.34     | ug/L | 0.01     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 106.80%  |
| 41) Toluene-d8                 | 8.73   | 98    | 346666m  | 5.16     | ug/L | 0.03     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 103.20%  |
| 45) trans-1,3-Dichloropropene- | 9.01   | 79    | 46985    | 4.43     | ug/L | 0.02     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 88.60%   |
| 48) 2-Hexanone-d5              | 9.43   | 63    | 200726   | 56.49    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 112.98%  |
| 59) 1,1,2,2-Tetrachloroethane- | 11.24  | 84    | 79679    | 4.97     | ug/L | 0.01     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 99.40%   |
| 65) 1,2-Dichlorobenzene-d4     | 12.37  | 152   | 136317   | 5.34     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 106.80%  |

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## Target Compounds

|                                |       |     |           |          | Ovalue |     |
|--------------------------------|-------|-----|-----------|----------|--------|-----|
| 8) Chloroethane                | 1.71  | 64  | 31588     | 3.392    | ug/L # | 63  |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.37  | 101 | 5596      | 0.350    | ug/L # | 61  |
| 12) 1,1-Dichloroethene         | 2.35  | 96  | 1024075   | 72.254   | ug/L # | 60  |
| 13) Acetone                    | 2.45  | 43  | 69756     | 29.308   | ug/L   | 100 |
| 14) Carbon disulfide           | 2.56  | 76  | 110310    | 2.487    | ug/L   | 99  |
| 18) trans-1,2-Dichloroethene   | 3.15  | 96  | 321582    | 21.190   | ug/L   | 95  |
| 19) 1,1-Dichloroethane         | 3.67  | 63  | 1695279   | 62.837   | ug/L   | 96  |
| 21) 2-Butanone                 | 4.67  | 43  | 71958     | 20.768   | ug/L   | 93  |
| 22) cis-1,2-Dichloroethene     | 4.56  | 96  | 36564870m | 2336.290 | ug/L   |     |
| 29) 1,1,1-Trichloroethane      | 5.46  | 97  | 64392152m | 1984.554 | ug/L   |     |
| 30) Cyclohexane                | 5.59  | 56  | 1556940   | 69.185   | ug/L   | 90  |
| 33) Benzene                    | 6.12  | 78  | 522286    | 9.093    | ug/L   | 100 |
| 34) Trichloroethene            | 7.20  | 95  | 36297     | 2.140    | ug/L   | 88  |
| 42) Toluene                    | 8.83  | 91  | 80964942m | 1288.246 | ug/L   |     |
| 47) 1,1,2-Trichloroethane      | 9.21  | 97  | 15927     | 1.467    | ug/L   | 97  |
| 49) Tetrachloroethene          | 9.33  | 164 | 5037      | 0.340    | ug/L   | 83  |
| 53) Chlorobenzene              | 10.12 | 112 | 623544    | 14.504   | ug/L   | 95  |

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ALS Vial : 22 Sample Multiplier: 1

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QLast Update : Fri Oct 02 14:11:08 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|----------------------------|-------|------|----------|---------|-------|----------|
| 54) Ethylbenzene           | 10.24 | 91   | 6111907  | 86.751  | ug/L  | 99       |
| 55) m,p-xylene             | 10.35 | 106  | 7390037  | 268.911 | ug/L  | 65       |
| 56) o-xylene               | 10.69 | 106  | 4986532  | 196.350 | ug/L  | 94       |
| 58) Isopropylbenzene       | 11.01 | 105  | 870978   | 12.250  | ug/L  | 98       |
| 63) 1,3-Dichlorobenzene    | 12.03 | 146  | 45632    | 1.356   | ug/L  | 93       |
| 64) 1,4-Dichlorobenzene    | 12.09 | 146  | 176762   | 5.268   | ug/L  | 96       |
| 66) 1,2-Dichlorobenzene    | 12.38 | 146  | 308419   | 9.817   | ug/L  | 99       |
| 69) 1,2,4-trichlorobenzene | 13.63 | 180  | 196083   | 9.120   | ug/L  | 96       |
| 71) 1,2,3-Trichlorobenzene | 14.01 | 180  | 105067   | 5.431   | ug/L  | 97       |

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