

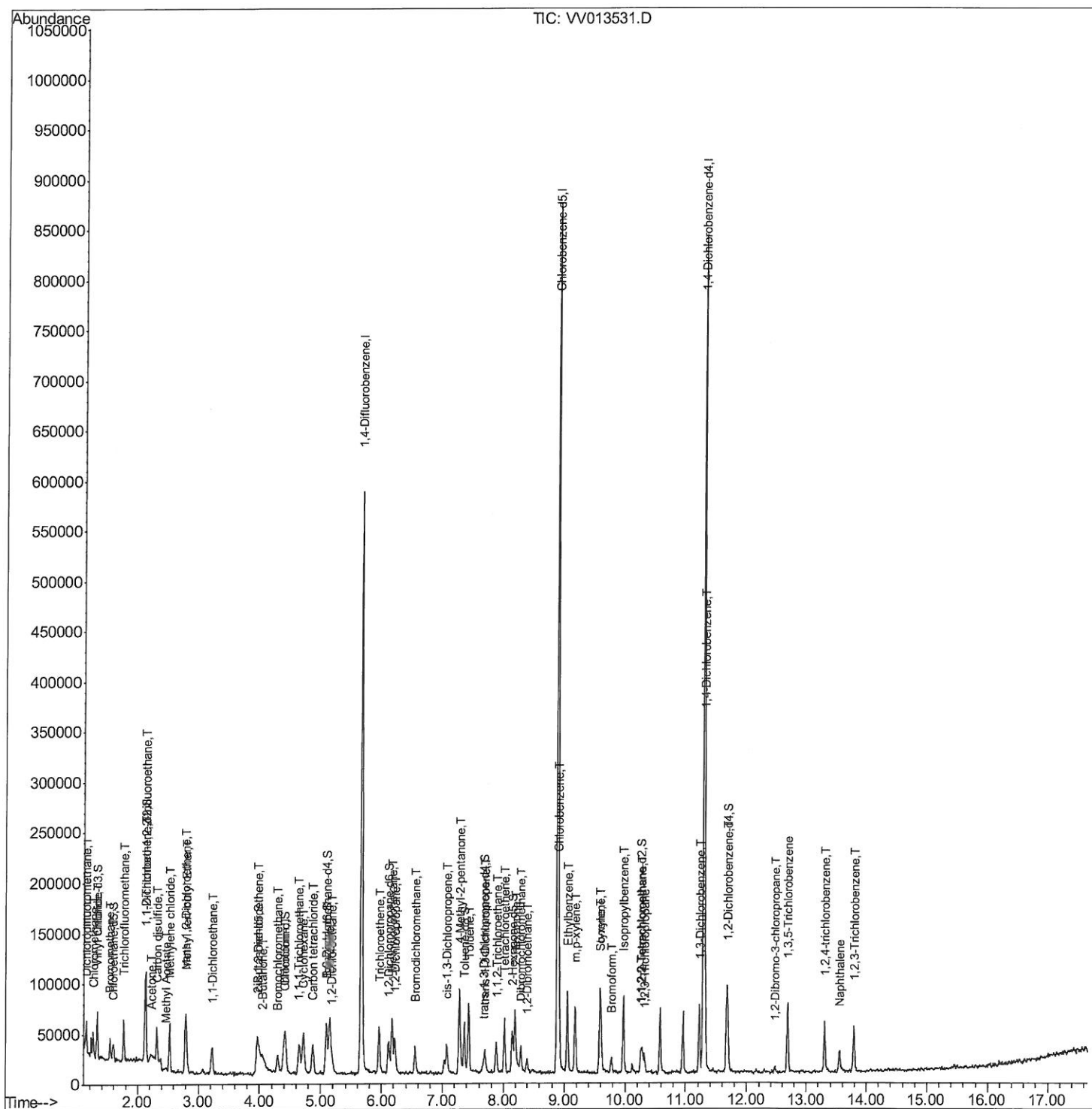
Data File : VV013531.D  
Acq On : 08 Nov 2019 09:57  
Operator : SY/MD  
Sample : VSTD0.535  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**  
MSVOA\_V  
**ClientSampleId :**  
VSTD0.535

## Manual Integrations

MMDadoda  
11/11/2019 3:33:48 PM

Quant Time: Nov 08 22:00:15 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR110819WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Nov 08 21:45:28 2019  
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV110819\  
Quantitation Report (Qedit)

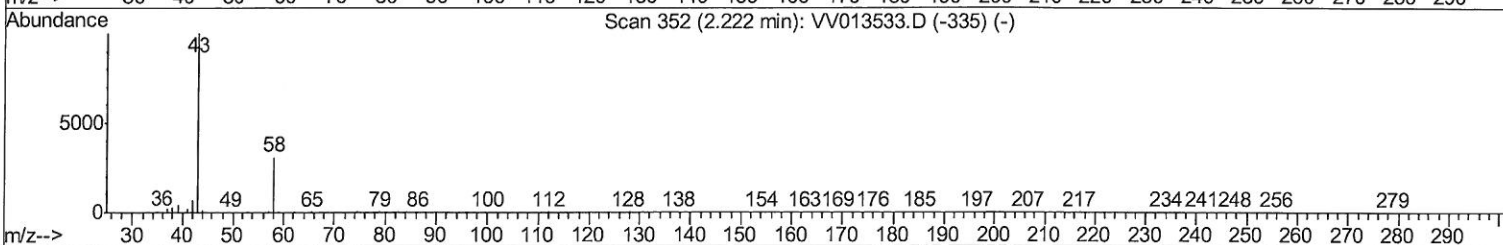
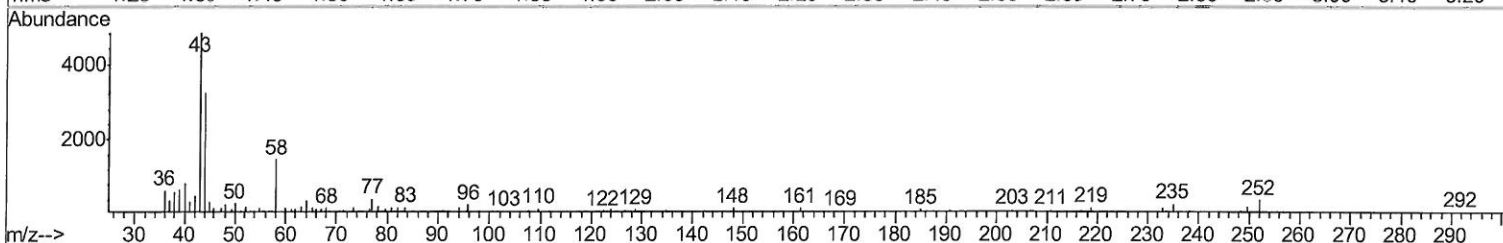
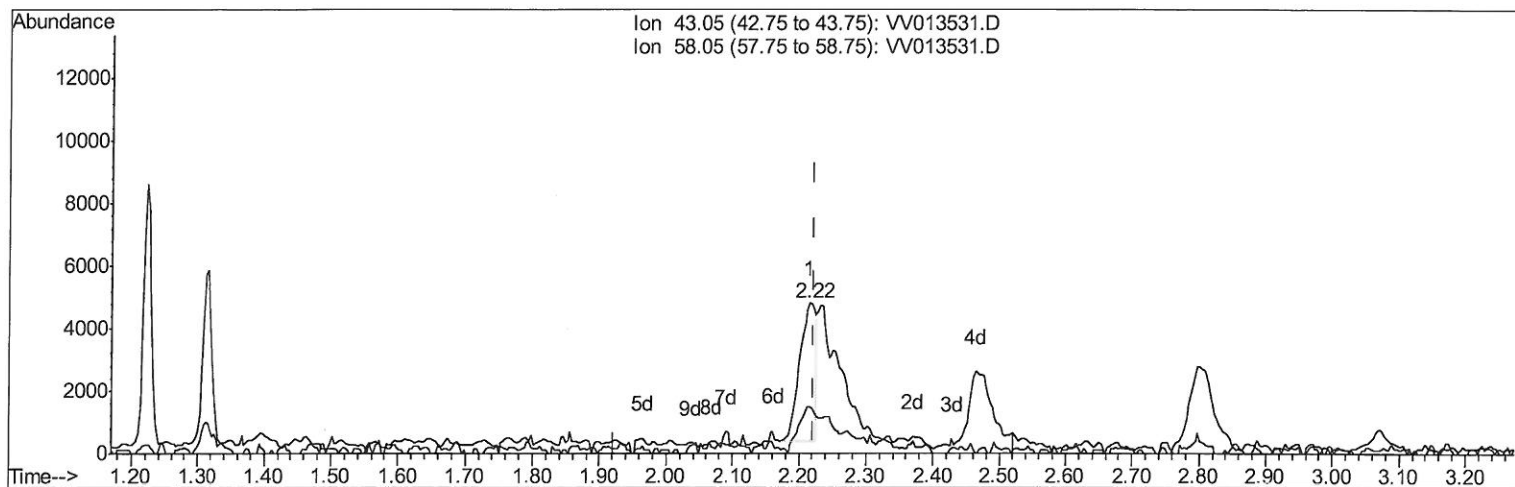
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TIC: VV013531.D

(13) Acetone (T)

2.216min (-0.006) 1.72ug/L

response 7417

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 43.05 | 100   | 100   |
| 58.05 | 30.40 | 40.41 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

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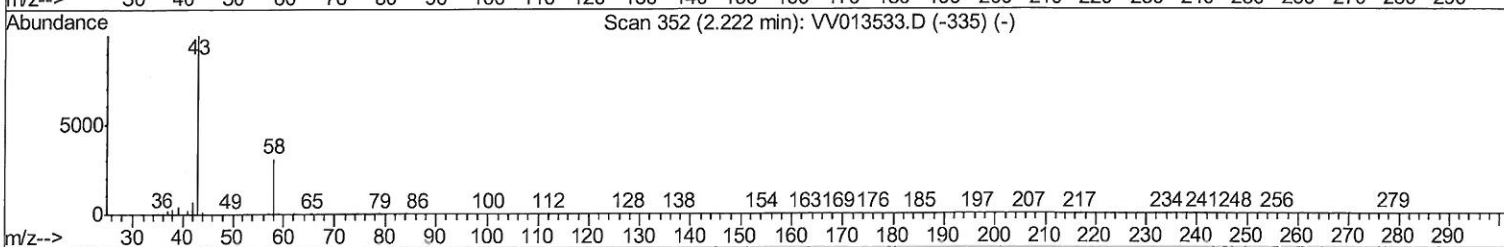
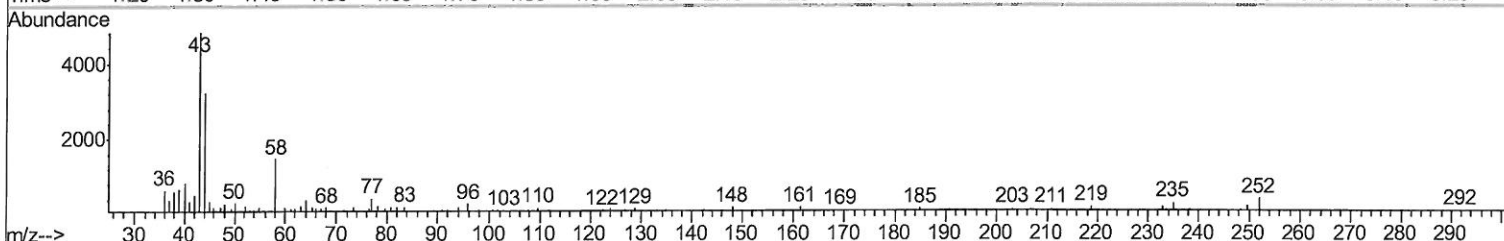
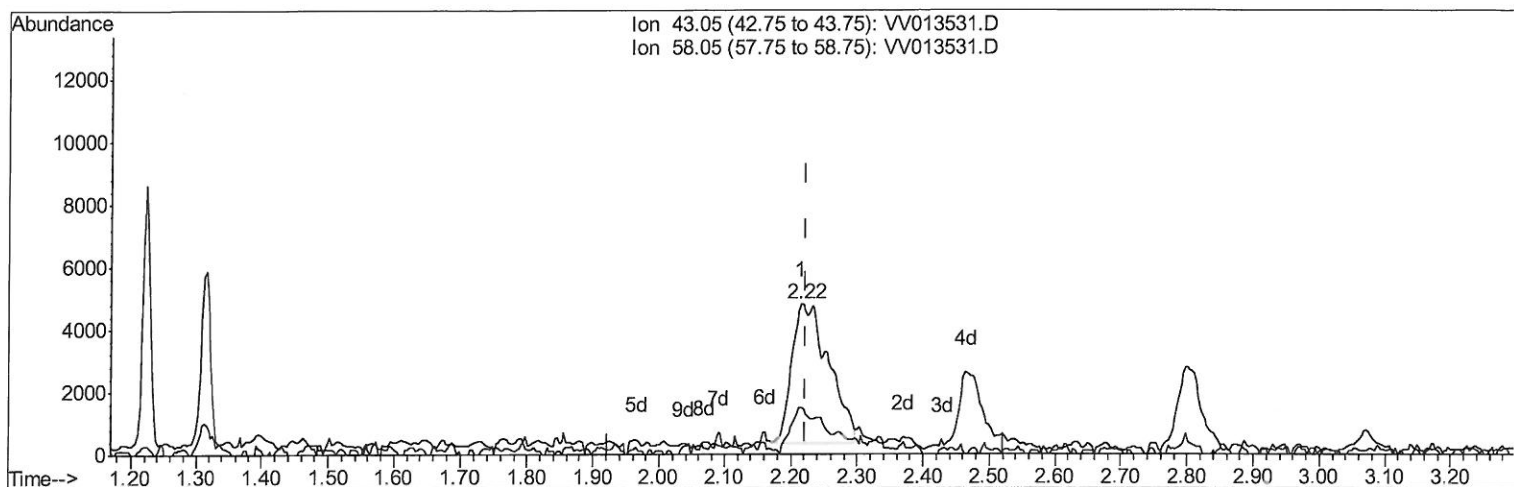
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TIC: VV013531.D

(13) Acetone (T)

2.216min (-0.006) 4.00ug/L m

response 17241

Ion Exp% Act%

43.05 100 100

58.05 30.40 17.38

0.00 0.00 0.00

0.00 0.00 0.00

> MD  
11/14/19

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Quantitation Report (Qedit)

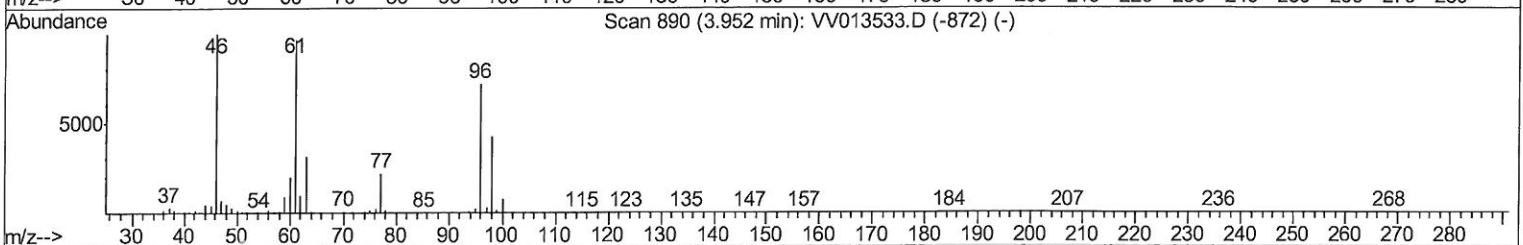
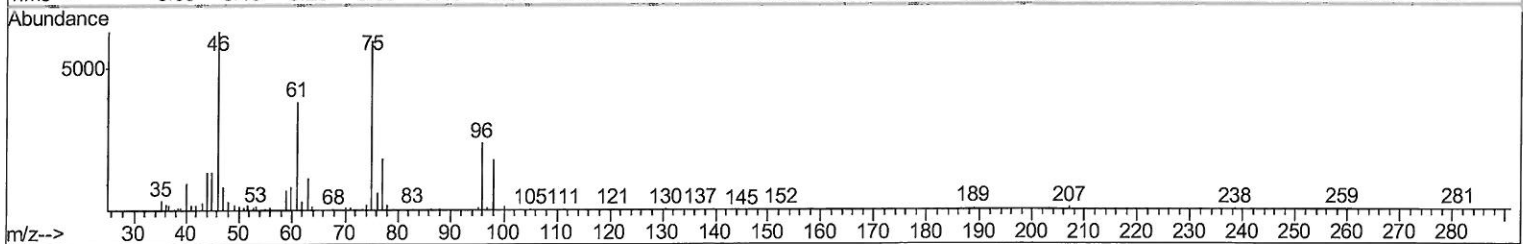
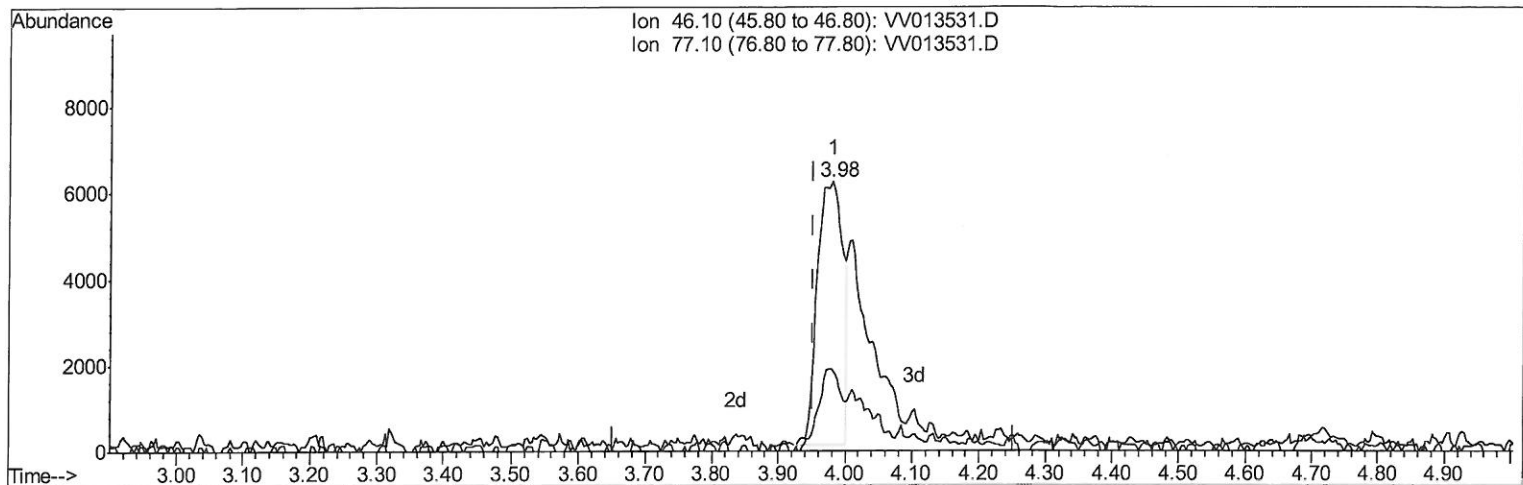
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TIC: VV013531.D

(20) 2-Butanone-d5 (S)  
3.981min (+0.029) 2.16ug/L  
response 16081

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 46.10 | 100   | 100   |
| 77.10 | 22.20 | 28.44 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV110819\  
Quantitation Report (Qedit)

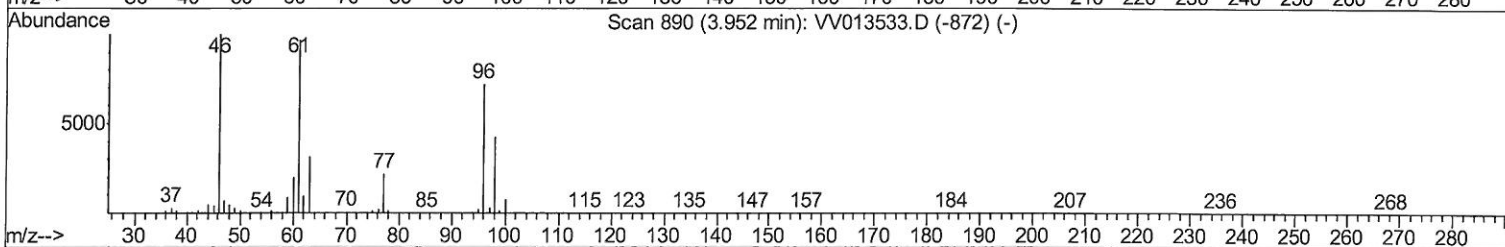
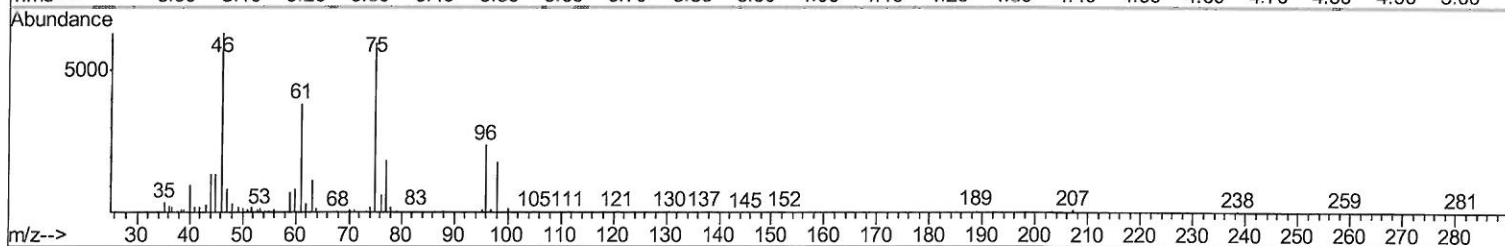
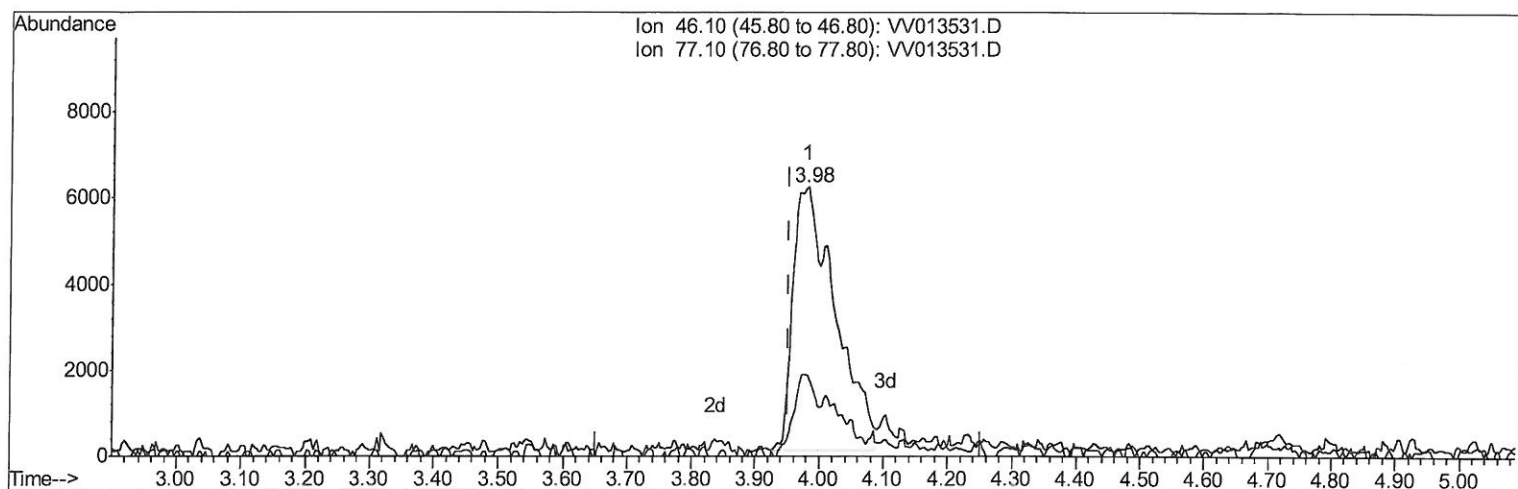
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ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD0.535

Manual Integrations  
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TIC: VV013531.D

(20) 2-Butanone-d5 (S)

3.981min (+0.029) 3.79ug/L m

response 28205

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 46.10 | 100   | 100   |
| 77.10 | 22.20 | 16.22 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

MD  
11/14/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV110819\  
Quantitation Report (QT Reviewed)

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ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
Client Sampled :  
VSTD0.535

Manual Integrations  
APPROVED

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11/11/2019 3:33:48 PM

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QLast Update : Fri Nov 08 21:45:28 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev (Min) |
|----------------------------|-------|------|----------|------|-------|-----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 486681   | 5.00 | ug/L  | 0.00      |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 474538   | 5.00 | ug/L  | 0.00      |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 221256   | 5.00 | ug/L  | 0.00      |

System Monitoring Compounds

|                                |       |     |        |      |      |      |
|--------------------------------|-------|-----|--------|------|------|------|
| 4) Vinyl Chloride-d3           | 1.32  | 65  | 9756   | 0.44 | ug/L | 0.00 |
| 7) Chloroethane-d5             | 1.58  | 69  | 9247   | 0.48 | ug/L | 0.00 |
| 11) 1,1-Dichloroethene-d2      | 2.13  | 63  | 19679  | 0.48 | ug/L | 0.00 |
| 20) 2-Butanone-d5              | 3.98  | 46  | 28205m | 3.79 | ug/L | 0.03 |
| 24) Chloroform-d               | 4.40  | 84  | 23764  | 0.42 | ug/L | 0.00 |
| 26) 1,2-Dichloroethane-d4      | 5.08  | 65  | 13570  | 0.47 | ug/L | 0.00 |
| 32) Benzene-d6                 | 5.09  | 84  | 42423  | 0.41 | ug/L | 0.00 |
| 36) 1,2-Dichloropropane-d6     | 6.12  | 67  | 15119  | 0.44 | ug/L | 0.00 |
| 41) Toluene-d8                 | 7.36  | 98  | 31762  | 0.36 | ug/L | 0.00 |
| 43) trans-1,3-Dichloropropene- | 7.67  | 79  | 5471   | 0.40 | ug/L | 0.00 |
| 46) 2-Hexanone-d5              | 8.14  | 63  | 14591  | 2.90 | ug/L | 0.00 |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26 | 84  | 11238  | 0.42 | ug/L | 0.00 |
| 64) 1,2-Dichlorobenzene-d4     | 11.67 | 152 | 17772  | 0.45 | ug/L | 0.00 |

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11/14/19

Target Compounds

|                                |      |     |        |              | Qvalue |
|--------------------------------|------|-----|--------|--------------|--------|
| 2) Dichlorodifluoromethane     | 1.14 | 85  | 20482  | 0.431 ug/L   | 99     |
| 3) Chloromethane               | 1.25 | 50  | 18226  | 0.444 ug/L   | 95     |
| 5) Vinyl chloride              | 1.32 | 62  | 16444  | 0.418 ug/L   | 96     |
| 6) Bromomethane                | 1.53 | 94  | 8600   | 0.417 ug/L   | 90     |
| 8) Chloroethane                | 1.60 | 64  | 9397   | 0.430 ug/L   | 98     |
| 9) Trichlorofluoromethane      | 1.77 | 101 | 22580  | 0.432 ug/L   | 93     |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.14 | 101 | 13315  | 0.453 ug/L   | 93     |
| 12) 1,1-Dichloroethene         | 2.14 | 96  | 12240  | 0.451 ug/L   | 90     |
| 13) Acetone                    | 2.22 | 43  | 17241m | 4.004 ug/L   | 99     |
| 14) Carbon disulfide           | 2.31 | 76  | 35895  | 0.430 ug/L   | 98     |
| 15) Methyl Acetate             | 2.46 | 43  | 5383   | 0.416 ug/L   | 98     |
| 16) Methylene chloride         | 2.53 | 84  | 19109  | 0.496 ug/L   | 94     |
| 17) Methyl tert-butyl Ether    | 2.80 | 73  | 30726  | 0.410 ug/L   | 94     |
| 18) trans-1,2-Dichloroethene   | 2.79 | 96  | 14493  | 0.414 ug/L   | 94     |
| 19) 1,1-Dichloroethane         | 3.23 | 63  | 27394  | 0.414 ug/L   | 96     |
| 21) 2-Butanone                 | 4.05 | 43  | 23384  | 2.857 ug/L   | 77     |
| 22) cis-1,2-Dichloroethene     | 3.96 | 96  | 14184  | 0.390 ug/L # | 82     |
| 23) Bromochloromethane         | 4.30 | 128 | 6920   | 0.422 ug/L   | 94     |
| 25) Chloroform                 | 4.42 | 83  | 35272  | 0.506 ug/L   | 92     |
| 27) 1,2-Dichloroethane         | 5.18 | 62  | 15806  | 0.406 ug/L   | 97     |
| 29) 1,1,1-Trichloroethane      | 4.65 | 97  | 23957  | 0.420 ug/L   | 98     |
| 30) Cyclohexane                | 4.72 | 56  | 20423  | 0.345 ug/L # | 97     |
| 31) Carbon tetrachloride       | 4.87 | 117 | 20587  | 0.402 ug/L   | 95     |
| 33) Benzene                    | 5.14 | 78  | 51033  | 0.357 ug/L   | 100    |
| 34) Trichloroethene            | 5.96 | 95  | 15625  | 0.406 ug/L   | 97     |
| 35) Methylcyclohexane          | 6.17 | 83  | 20776  | 0.348 ug/L   | 93     |
| 37) 1,2-Dichloropropane        | 6.22 | 63  | 13092  | 0.365 ug/L   | 98     |
| 38) Bromodichloromethane       | 6.55 | 83  | 18617  | 0.405 ug/L # | 98     |
| 39) cis-1,3-Dichloropropene    | 7.07 | 75  | 16594  | 0.343 ug/L   | 95     |
| 40) 4-Methyl-2-pentanone       | 7.27 | 43  | 63625  | 3.141 ug/L   | 99     |

MO  
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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev (Min) |
|--------------------------------|-------|------|----------|-------|--------|-----------|
| 42) Toluene                    | 7.43  | 91   | 50546    | 0.342 | ug/L   | 97        |
| 44) trans-1,3-Dichloropropene  | 7.69  | 75   | 13342    | 0.345 | ug/L   | 96        |
| 45) 1,1,2-Trichloroethane      | 7.88  | 97   | 9120     | 0.369 | ug/L   | 93        |
| 47) Tetrachloroethene          | 8.02  | 164  | 14321    | 0.419 | ug/L   | 98        |
| 48) 2-Hexanone                 | 8.19  | 43   | 42426    | 2.996 | ug/L   | 95        |
| 49) Dibromochloromethane       | 8.29  | 129  | 12070    | 0.395 | ug/L   | 96        |
| 50) 1,2-Dibromoethane          | 8.39  | 107  | 7943     | 0.344 | ug/L # | 93        |
| 51) Chlorobenzene              | 8.92  | 112  | 39135    | 0.401 | ug/L   | 98        |
| 52) Ethylbenzene               | 9.05  | 91   | 54449    | 0.344 | ug/L   | 96        |
| 53) m,p-xylene                 | 9.18  | 106  | 19494    | 0.328 | ug/L   | 86        |
| 54) o-xylene                   | 9.59  | 106  | 17767    | 0.316 | ug/L   | 96        |
| 55) Styrene                    | 9.60  | 104  | 28759    | 0.302 | ug/L   | 95        |
| 56) Isopropylbenzene           | 9.97  | 105  | 47884    | 0.312 | ug/L   | 99        |
| 58) 1,1,2,2-Tetrachloroethane  | 10.28 | 83   | 10362    | 0.396 | ug/L # | 95        |
| 59) 1,2,3-Trichloropropane     | 10.32 | 75   | 7240     | 0.346 | ug/L # | 83        |
| 61) Bromoform                  | 9.78  | 173  | 6517     | 0.418 | ug/L   | 93        |
| 62) 1,3-Dichlorobenzene        | 11.22 | 146  | 29047    | 0.410 | ug/L   | 98        |
| 63) 1,4-Dichlorobenzene        | 11.32 | 146  | 28879    | 0.413 | ug/L   | 98        |
| 65) 1,2-Dichlorobenzene        | 11.69 | 146  | 27066    | 0.424 | ug/L   | 97        |
| 66) 1,2-Dibromo-3-chloropropan | 12.47 | 75   | 1407     | 0.412 | ug/L # | 79        |
| 67) 1,3,5-Trichlorobenzene     | 12.69 | 180  | 23023    | 0.425 | ug/L   | 97        |
| 68) 1,2,4-trichlorobenzene     | 13.31 | 180  | 17178    | 0.418 | ug/L   | 98        |
| 69) Naphthalene                | 13.55 | 128  | 18865    | 0.340 | ug/L   | 97        |
| 70) 1,2,3-Trichlorobenzene     | 13.79 | 180  | 15046    | 0.392 | ug/L   | 99        |

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