

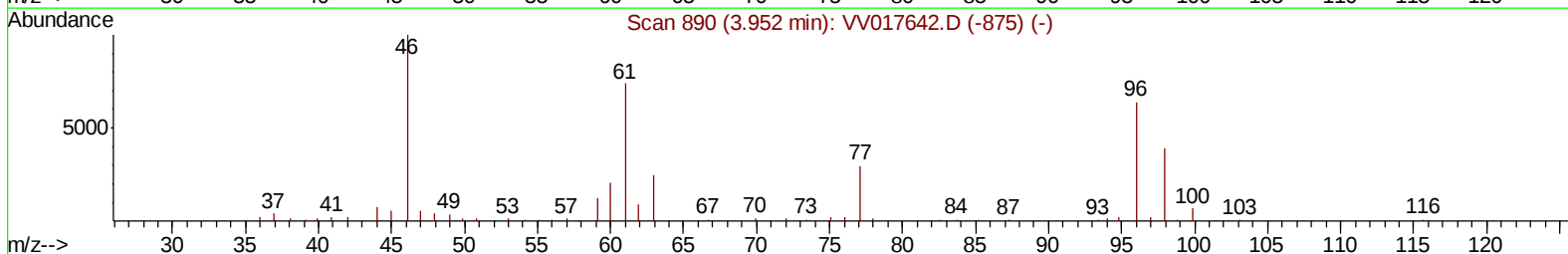
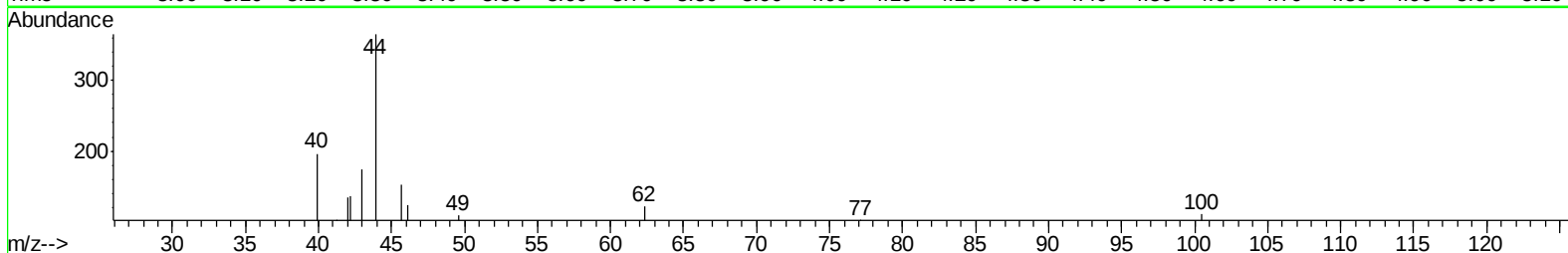
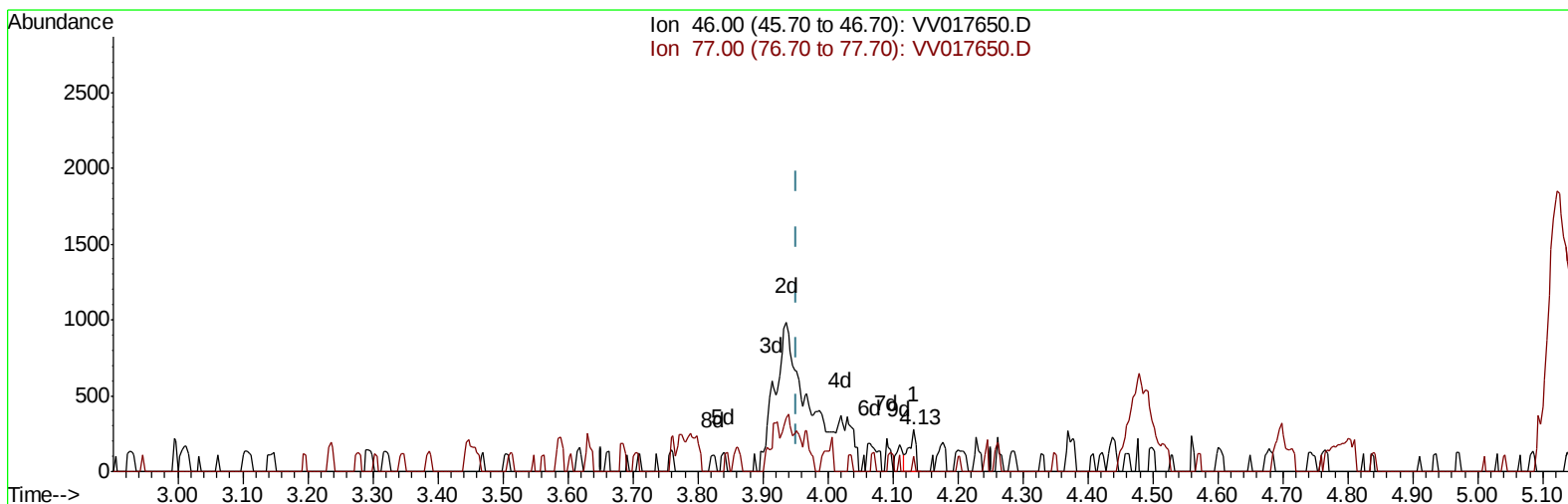
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072420\  
Data File : VV017650.D  
Acq On : 24 Jul 2020 15:39  
Operator : SY/MD  
Sample : L3395-16  
Misc : 25.0mL/MSVOA V/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
GAY24

Manual Integrations  
APPROVED

MMDadoda  
7/29/2020 11:25:12 AM

Quant Time: Jul 25 00:10:35 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR072320WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Sat Jul 25 00:05:26 2020  
Response via : Initial Calibration



TIC: VV017650.D

(20) 2-Butanone-d5 (S)

4.132min (+0.180) 0.99ug/L

response 199

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 46.00 | 100   | 100   |
| 77.00 | 11.20 | 10.05 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

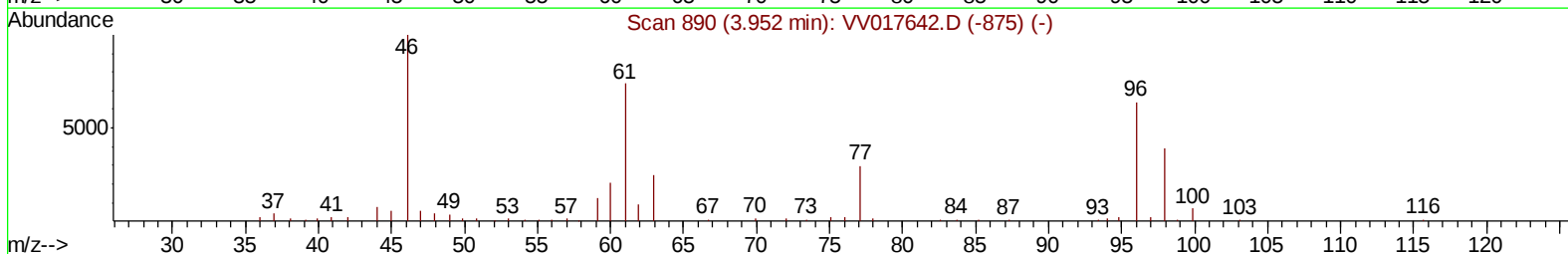
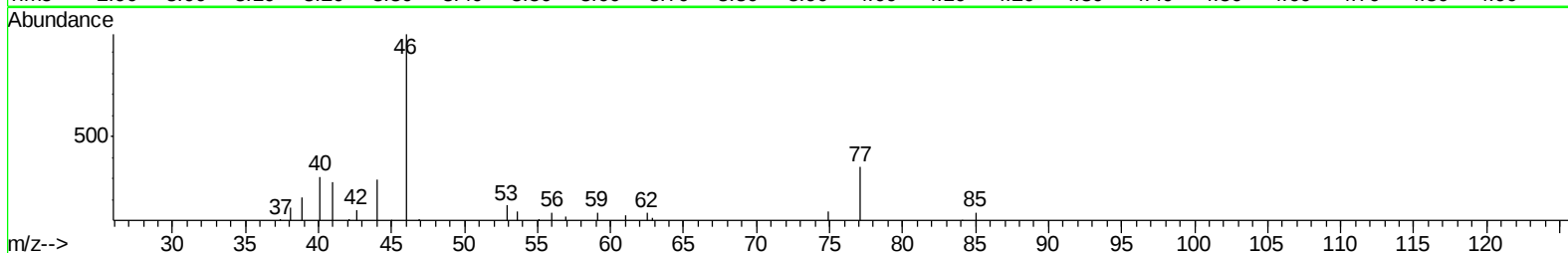
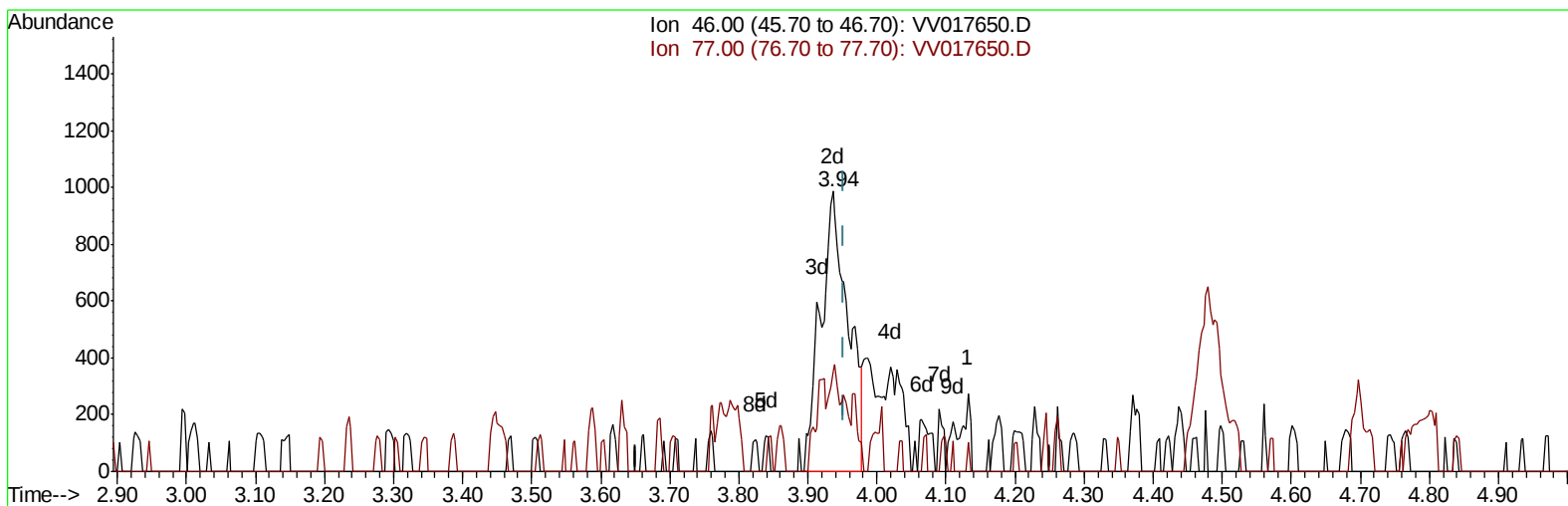
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TIC: VV017650.D

(20) 2-Butanone-d5 (S)

3.936min (-0.016) 13.55ug/L m

response 2733

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 46.00 | 100   | 100   |
| 77.00 | 11.20 | 0.73# |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

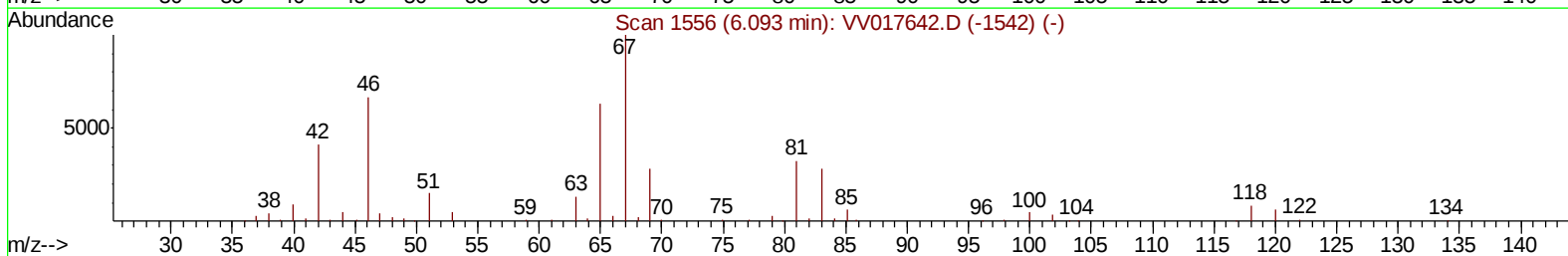
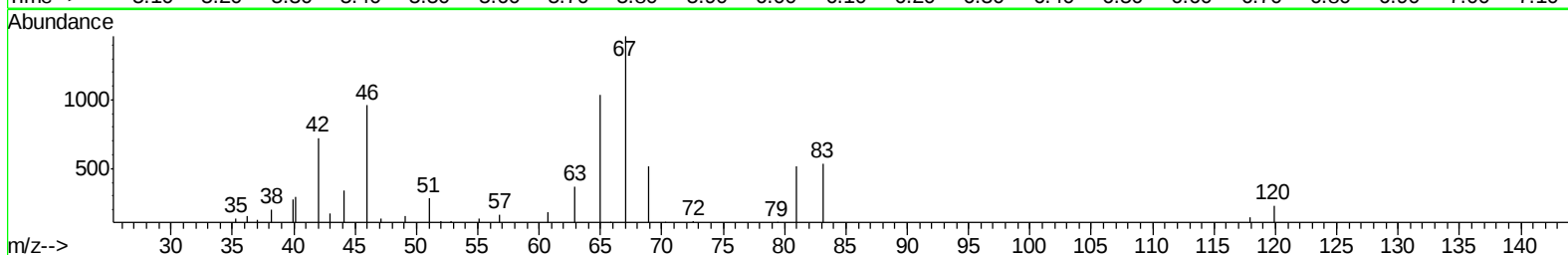
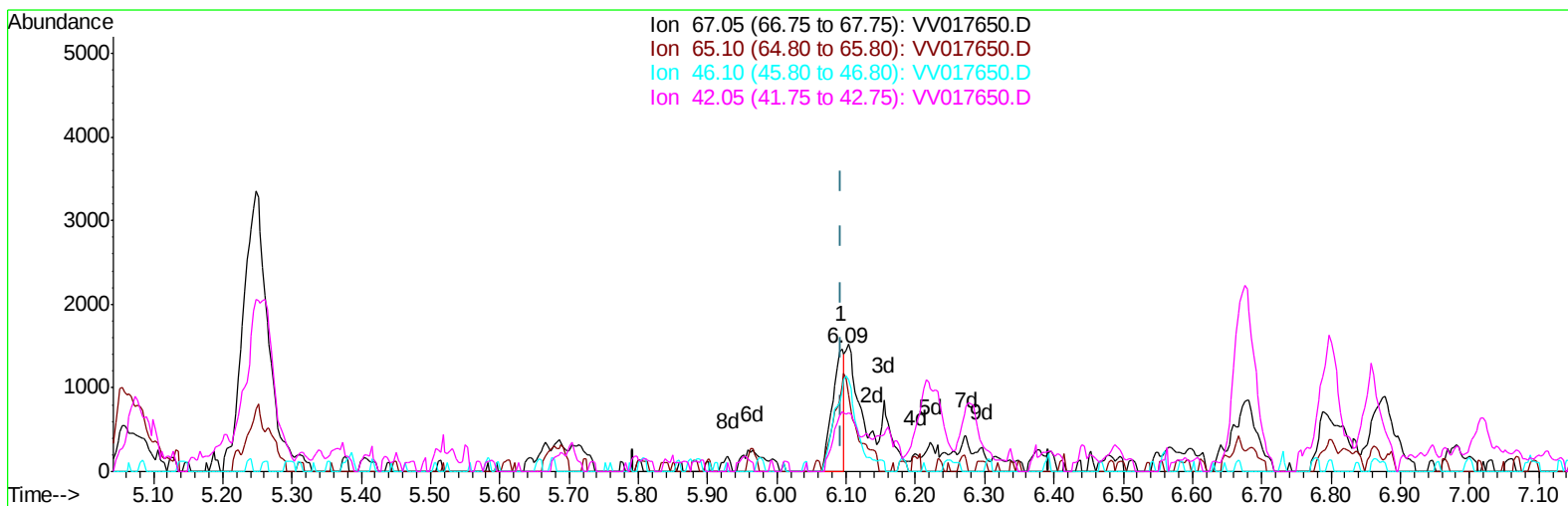
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TIC: VV017650.D

(36) 1,2-Dichloropropane-d6 (S)

6.093min (-0.000) 2.13ug/L

response 1756

| Ion   | Exp%  | Act%    |
|-------|-------|---------|
| 67.05 | 100   | 100     |
| 65.10 | 65.80 | 145.73# |
| 46.10 | 61.70 | 143.91# |
| 42.05 | 38.60 | 96.53#  |

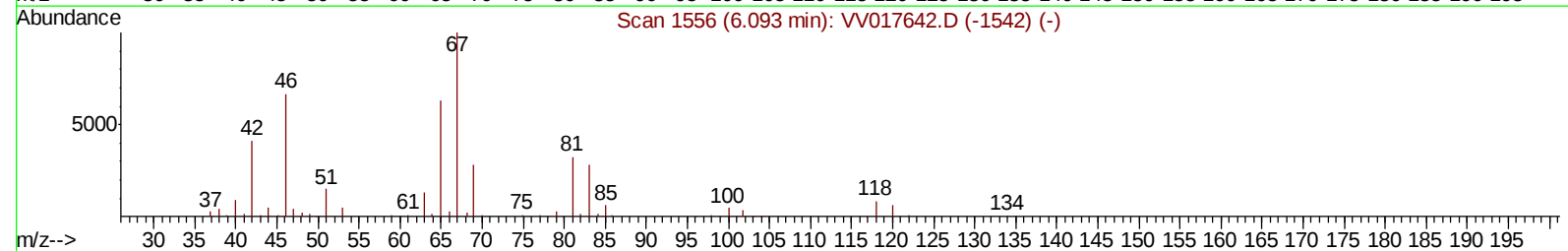
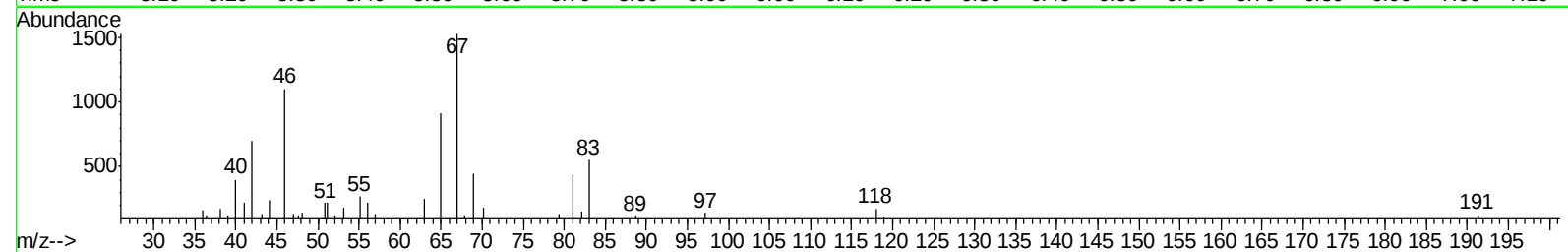
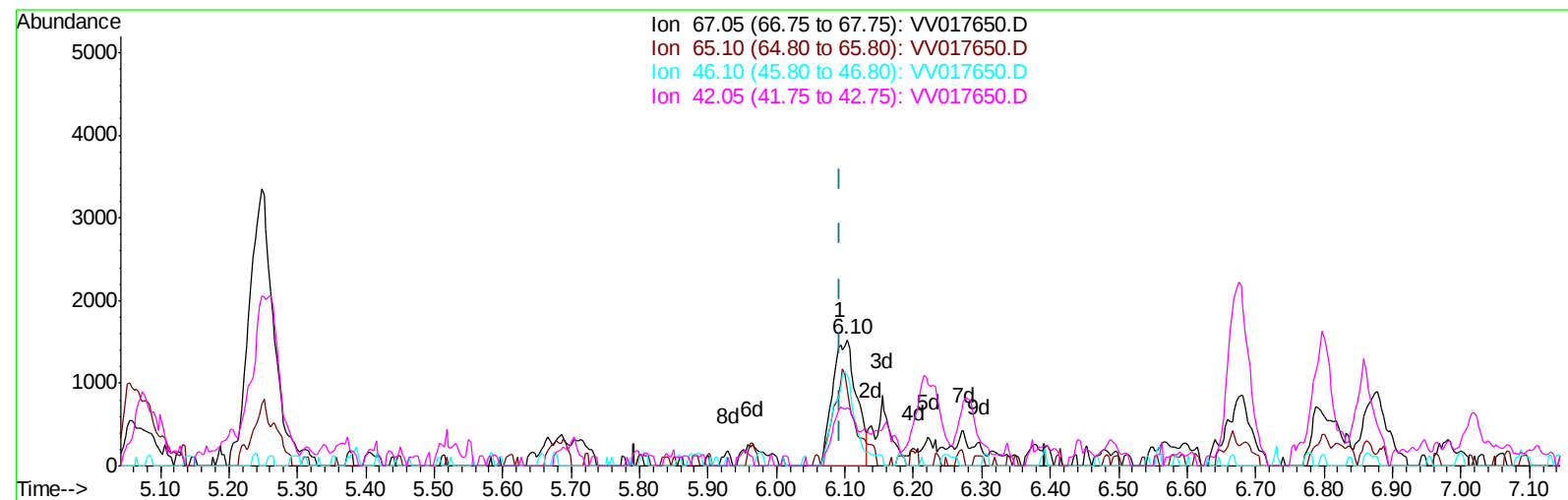
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TIC: VV017650.D

(36) 1,2-Dichloropropane-d6 (S)

6.103min (+0.010) 4.55ug/L m

response 3755

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 67.05 | 100   | 100   |
| 65.10 | 65.80 | 68.15 |
| 46.10 | 61.70 | 67.30 |
| 42.05 | 38.60 | 45.14 |

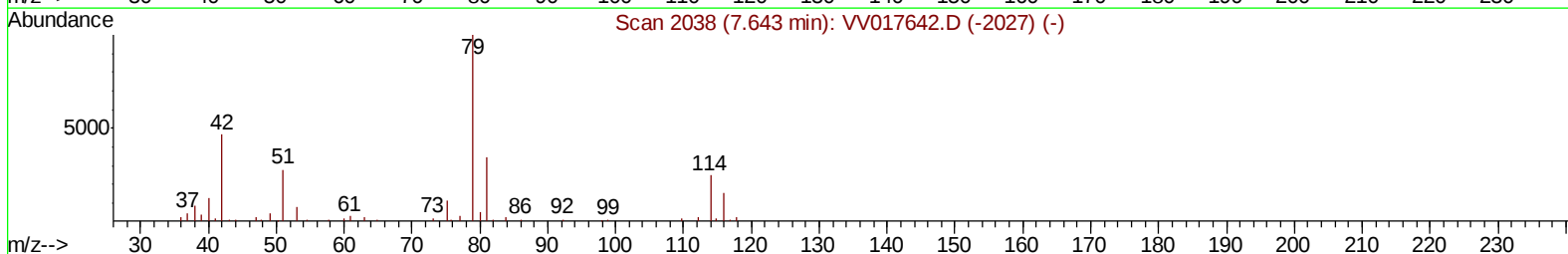
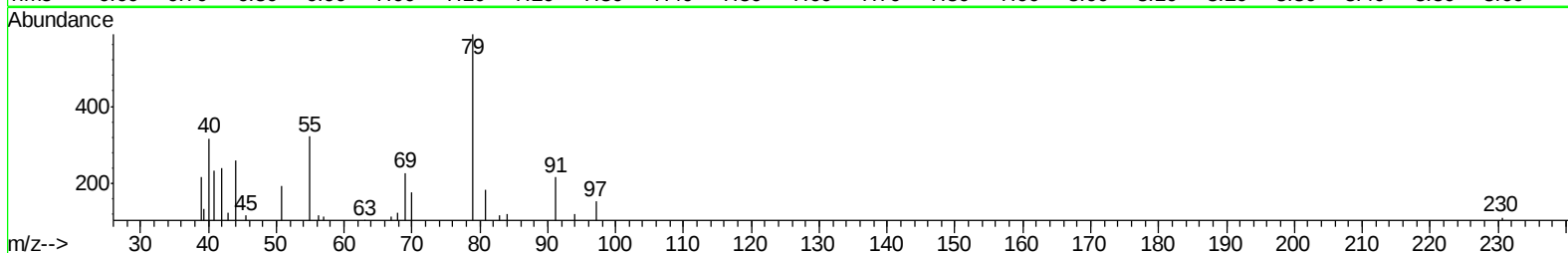
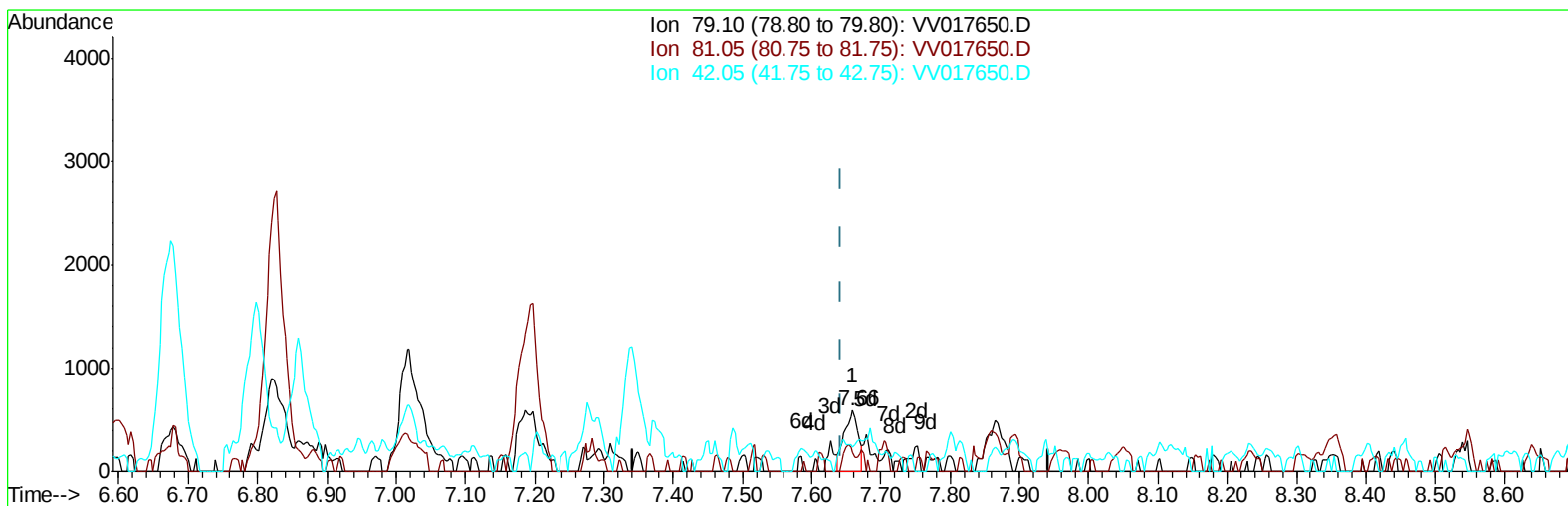
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 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
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Manual Integrations  
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 Response via : Initial Calibration



TIC: VV017650.D

(45) trans-1,3-Dichloropropene-d4 (S)

7.659min (+0.016) 2.22ug/L

response 831

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 79.10 | 100   | 100   |
| 81.05 | 31.10 | 33.94 |
| 42.05 | 46.60 | 45.73 |
| 0.00  | 0.00  | 0.00  |

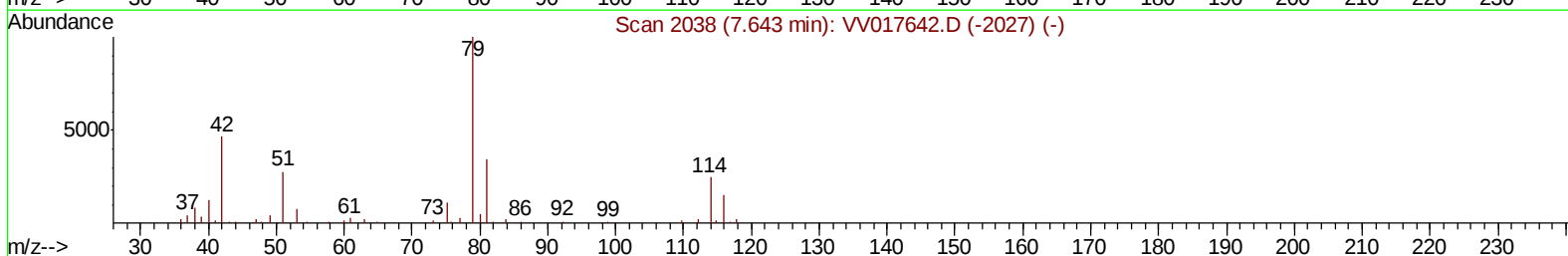
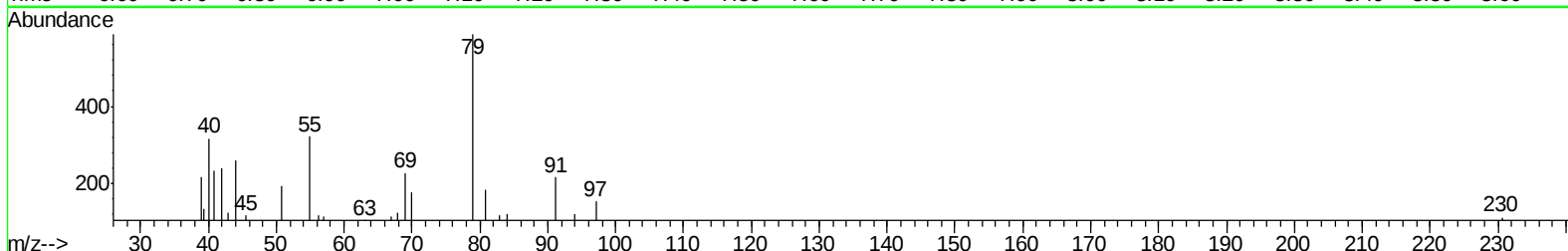
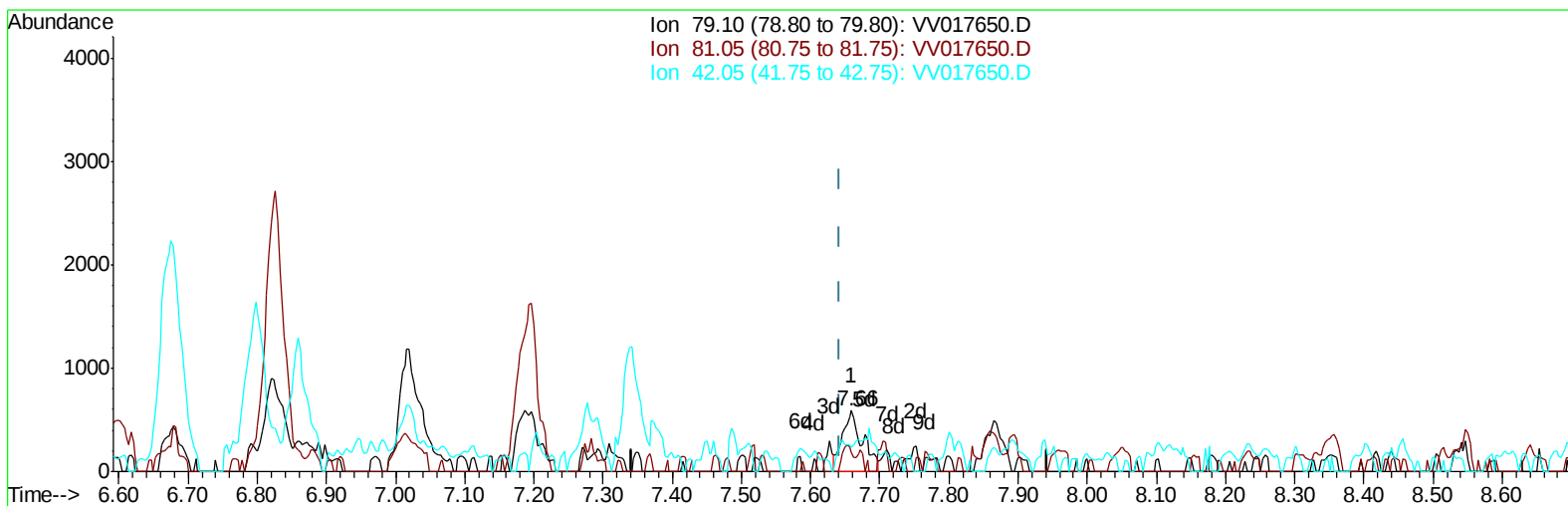
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Sample : L3395-16  
Misc : 25.0mL/MSVOA V/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
GAY24

Manual Integrations  
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TIC: VV017650.D

(45) trans-1,3-Dichloropropene-d4 (S)

7.659min (+0.016) 3.15ug/L m

response 1179

| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 79.10 | 100   | 100    |
| 81.05 | 31.10 | 23.92  |
| 42.05 | 46.60 | 32.23# |
| 0.00  | 0.00  | 0.00   |

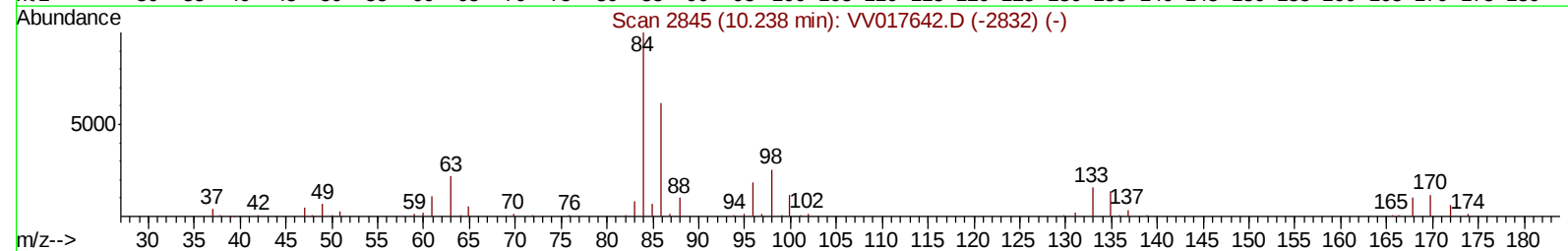
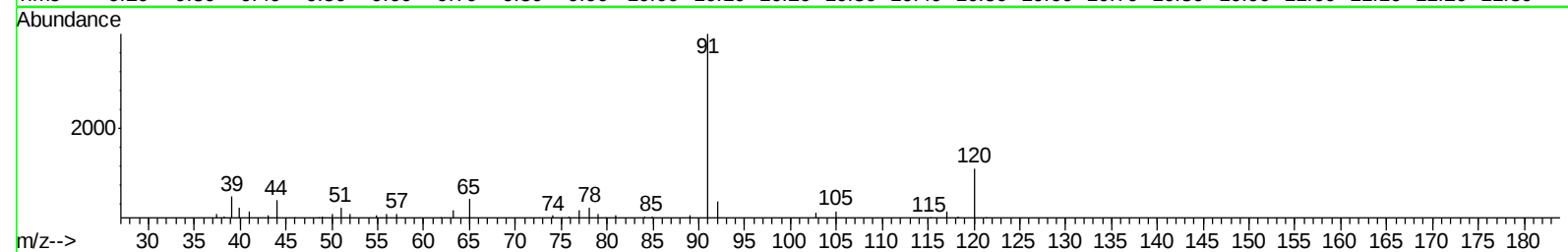
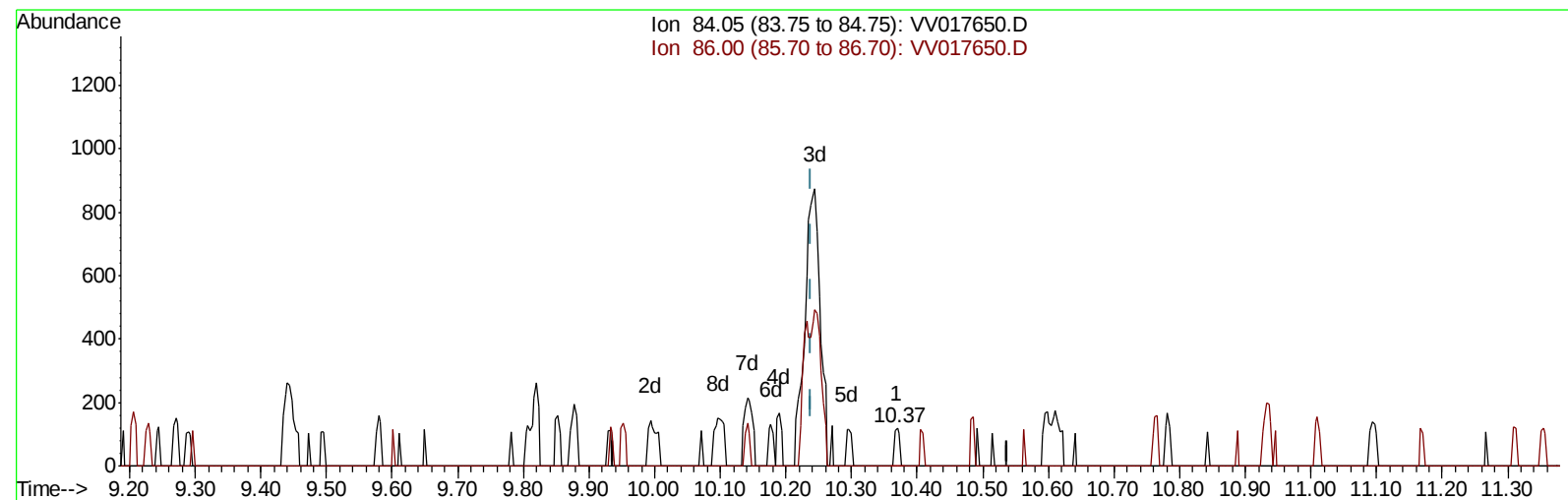
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Instrument :  
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TIC: VV017650.D

(59) 1,1,2,2-Tetrachloroethane-d2 (S)

10.370min (+0.132) 0.11ug/L

response 65

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 84.05 | 100   | 100   |
| 86.00 | 65.00 | 64.62 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

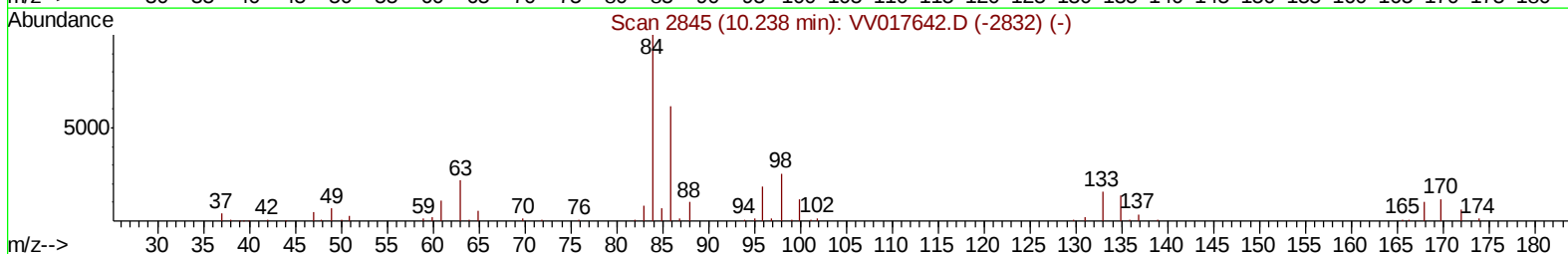
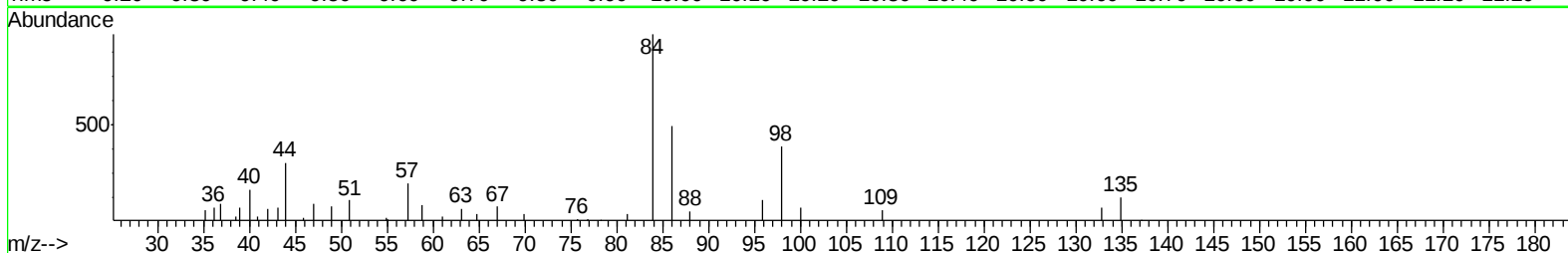
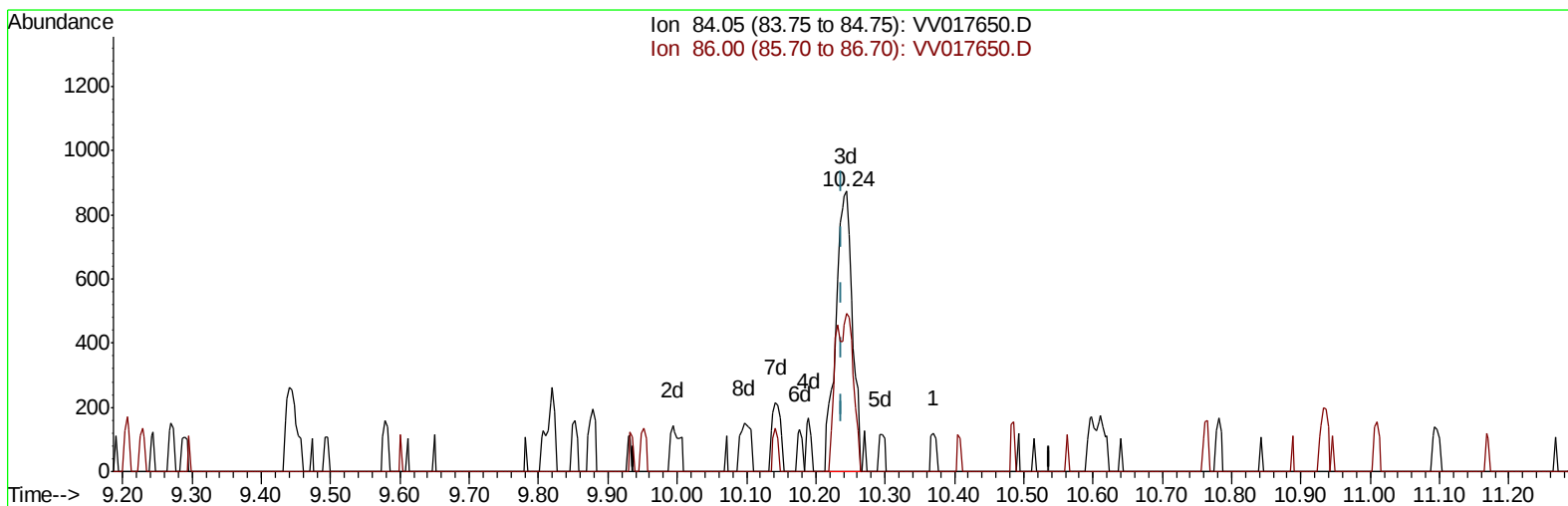
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Operator : SY/MD  
Sample : L3395-16  
Misc : 25.0mL/MSVOA V/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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Manual Integrations  
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TIC: VV017650.D

(59) 1,1,2,2-Tetrachloroethane-d2 (S)

10.244min (+0.006) 2.49ug/L m

response 1432

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 84.05 | 100   | 100   |
| 86.00 | 65.00 | 2.93# |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

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 ALS Vial : 11 Sample Multiplier: 1

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| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 17653    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.88  | 117  | 13478    | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.28 | 152  | 5216     | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 6812     | 8.08     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 161.60%# |
| 7) Chloroethane-d5             | 1.57   | 69    | 4566     | 7.08     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 141.60%# |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 12373    | 6.55     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 131.00%# |
| 20) 2-Butanone-d5              | 3.94   | 46    | 2733m    | 13.55    | ug/L | -0.02    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 27.10%#  |
| 24) Chloroform-d               | 4.37   | 84    | 7737     | 3.79     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 75.80%   |
| 26) 1,2-Dichloroethane-d4      | 5.05   | 65    | 3055     | 2.90     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 58.00%#  |
| 32) Benzene-d6                 | 5.07   | 84    | 15794    | 5.32     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 106.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 3755m    | 4.55     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 91.00%   |
| 41) Toluene-d8                 | 7.34   | 98    | 16899    | 5.93     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 118.60%  |
| 45) trans-1,3-Dichloropropene- | 7.66   | 79    | 1179m    | 3.15     | ug/L | 0.02     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 63.00%   |
| 48) 2-Hexanone-d5              | 8.13   | 63    | 1223     | 10.54    | ug/L | 0.01     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 21.08%#  |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 1432m    | 2.49     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 49.80%#  |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 3628     | 4.60     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 92.00%   |

## Target Compounds

|                       |      |     |       |              | Ovalue |
|-----------------------|------|-----|-------|--------------|--------|
| 30) Cyclohexane       | 4.70 | 56  | 12615 | 8.443 ug/L   | 96     |
| 33) Benzene           | 5.12 | 78  | 21289 | 5.580 ug/L   | 100    |
| 35) Methylcyclohexane | 6.15 | 83  | 5043  | 3.128 ug/L # | 79     |
| 42) Toluene           | 7.41 | 91  | 8970  | 2.155 ug/L   | 91     |
| 54) Ethylbenzene      | 9.04 | 91  | 12560 | 2.695 ug/L   | 94     |
| 55) m,p-xylene        | 9.16 | 106 | 43356 | 24.705 ug/L  | 98     |
| 56) o-xylene          | 9.56 | 106 | 2387  | 1.402 ug/L   | 97     |
| 58) Isopropylbenzene  | 9.96 | 105 | 5322  | 1.133 ug/L # | 89     |

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

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