

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV091318\  
 Data File : VV007524.D  
 Acq On : 13 Sep 2018 21:58  
 Operator : SY/MD  
 Sample : J4864-03  
 Misc : 25.0 mL/MSVOA\_V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0D09

Manual Integrations  
 APPROVED

MMDadoda  
 9/17/2018 12:29:47 PM

Quant Time: Sep 14 06:49:42 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR091318WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Sep 14 05:10:24 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 163091   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 144726   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 82513    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 117956   | 13.85    | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 277.00%# |
| 7) Chloroethane-d5             | 1.58   | 69    | 31255    | 4.37     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 87.40%   |
| 11) 1,1-Dichloroethene-d2      | 2.14   | 63    | 635321   | 35.83    | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 716.60%# |
| 20) 2-Butanone-d5              | 3.96   | 46    | 6872m    | 5.78     | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 11.56%#  |
| 24) Chloroform-d               | 4.41   | 84    | 75066    | 4.30     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 86.00%   |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 38149    | 4.45     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 89.00%   |
| 32) Benzene-d6                 | 5.10   | 84    | 142683   | 4.35     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 87.00%   |
| 36) 1,2-Dichloropropane-d6     | 6.13   | 67    | 41271    | 4.22     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 84.40%   |
| 41) Toluene-d8                 | 7.36   | 98    | 144067   | 4.22     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 84.40%   |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 18933    | 4.18     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 83.60%   |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 58320    | 80.67    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 161.34%# |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 33905    | 4.96     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 99.20%   |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 61610    | 4.08     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 81.60%   |

## Target Compounds

|                                |      |     |           |                | Qvalue |
|--------------------------------|------|-----|-----------|----------------|--------|
| 3) Chloromethane               | 1.25 | 50  | 2804      | 0.365 ug/L     | 93     |
| 5) Vinyl chloride              | 1.32 | 62  | 9465941   | 1104.884 ug/L  | 89     |
| 8) Chloroethane                | 1.60 | 64  | 286281    | 54.827 ug/L    | 97     |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.14 | 101 | 3470      | 0.376 ug/L #   | 27     |
| 12) 1,1-Dichloroethene         | 2.14 | 96  | 1236816   | 149.417 ug/L # | 65     |
| 13) Acetone                    | 2.22 | 43  | 44318     | 57.105 ug/L    | 70     |
| 14) Carbon disulfide           | 2.32 | 76  | 5271      | 0.218 ug/L #   | 75     |
| 15) Methyl Acetate             | 2.48 | 43  | 12124     | 5.700 ug/L     | 90     |
| 16) Methylene chloride         | 2.54 | 84  | 6126787   | 684.764 ug/L   | 91     |
| 18) trans-1,2-Dichloroethene   | 2.79 | 96  | 48047     | 5.335 ug/L     | 97     |
| 19) 1,1-Dichloroethane         | 3.23 | 63  | 6357479   | 484.211 ug/L   | 98     |
| 21) 2-Butanone                 | 4.07 | 43  | 71663     | 55.046 ug/L    | 95     |
| 22) cis-1,2-Dichloroethene     | 3.96 | 96  | 36221847m | 4080.834 ug/L  |        |
| 25) Chloroform                 | 4.43 | 83  | 16645     | 1.109 ug/L     | 92     |
| 27) 1,2-Dichloroethane         | 5.19 | 62  | 66185     | 7.662 ug/L     | 100    |
| 29) 1,1,1-Trichloroethane      | 4.67 | 97  | 8324663   | 591.442 ug/L   | 98     |
| 30) Cyclohexane                | 4.72 | 56  | 9361      | 0.763 ug/L #   | 83     |

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 Operator : SY/MD  
 Sample : J4864-03  
 Misc : 25.0 mL/MSVOA\_V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0D09

Manual Integrations  
 APPROVED

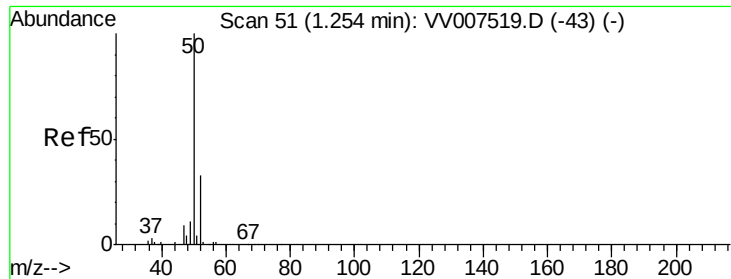
MMDadoda  
 9/17/2018 12:29:47 PM

Quant Time: Sep 14 06:49:42 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR091318WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Sep 14 05:10:24 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc     | Units | Dev(Min) |
|---------------------------|-------|------|----------|----------|-------|----------|
| 33) Benzene               | 5.15  | 78   | 28236    | 0.945    | ug/L  | 100      |
| 34) Trichloroethene       | 5.97  | 95   | 10034414 | 1094.763 | ug/L  | 97       |
| 35) Methylcyclohexane     | 6.18  | 83   | 25486    | 1.800    | ug/L  | 94       |
| 40) 4-Methyl-2-pentanone  | 7.29  | 43   | 21868    | 5.378    | ug/L  | 98       |
| 42) Toluene               | 7.43  | 91   | 846296   | 24.512   | ug/L  | 100      |
| 45) 1,1,2-Trichloroethane | 7.89  | 97   | 65412    | 11.894   | ug/L  | 98       |
| 47) Tetrachloroethene     | 8.02  | 164  | 4163     | 0.506    | ug/L  | 89       |
| 52) Ethylbenzene          | 9.06  | 91   | 2718581  | 69.903   | ug/L  | 98       |
| 53) m,p-xylene            | 9.19  | 106  | 3385901  | 224.718  | ug/L  | 95       |
| 54) o-xylene              | 9.59  | 106  | 1396568  | 94.648   | ug/L  | 99       |
| 56) Isopropylbenzene      | 9.98  | 105  | 281430   | 7.025    | ug/L  | 99       |
| 62) 1,3-Dichlorobenzene   | 11.23 | 146  | 2571     | 0.123    | ug/L  | 92       |

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





#3

Chloromethane

Concen: 0.365 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV007524.D

Acq: 13 Sep 2018 21:58

Instrument :

MSVOA\_V

ClientSampleId :

C0D09

Tgt Ion: 50 Resp: 2804

Ion Ratio Lower Upper

50 100

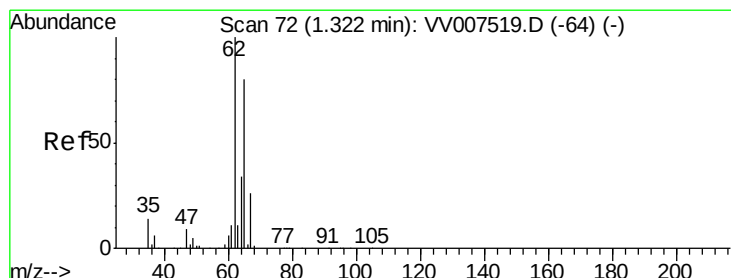
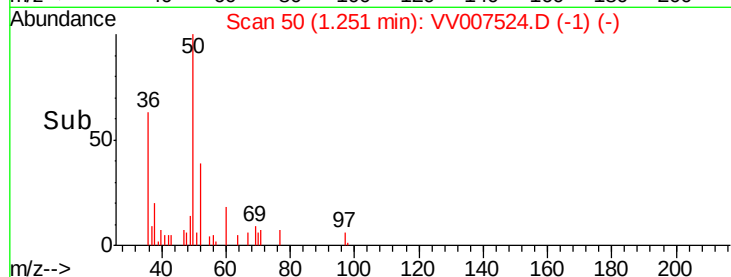
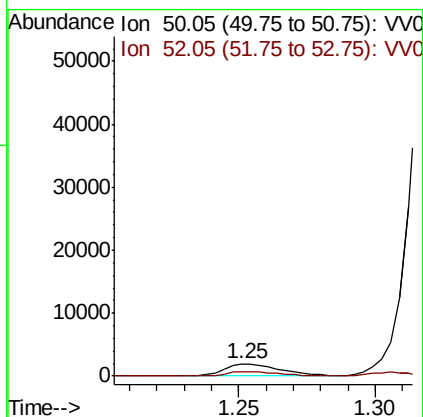
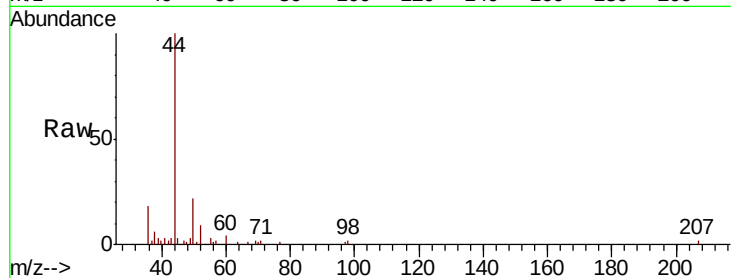
52 38.9 24.3 45.1

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#5

Vinyl chloride

Concen: 1104.884 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV007524.D

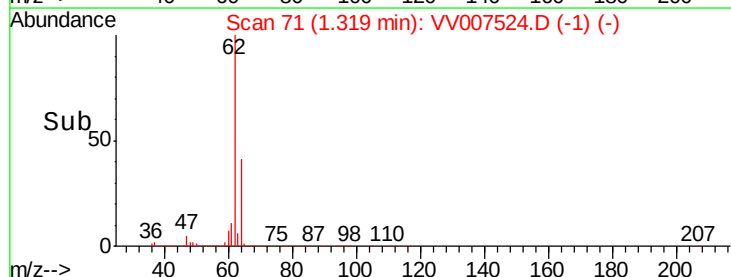
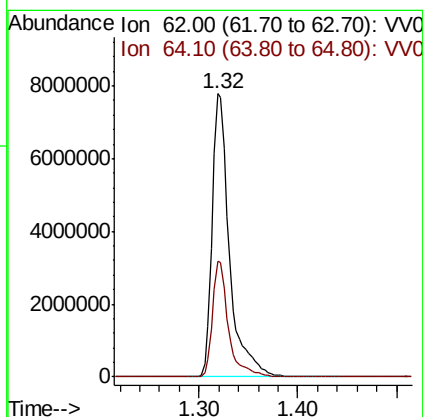
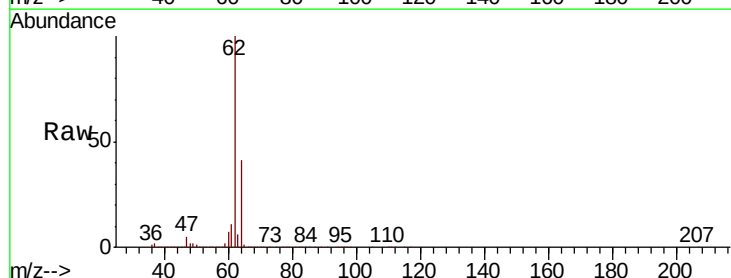
Acq: 13 Sep 2018 21:58

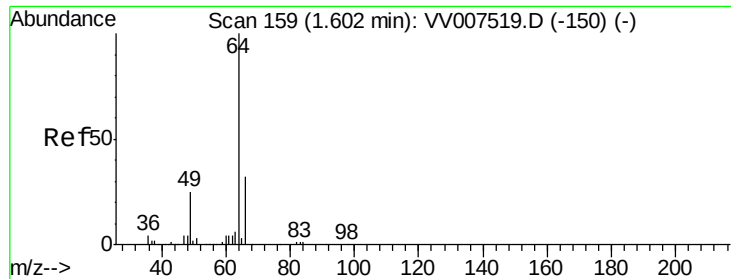
Tgt Ion: 62 Resp: 9465941

Ion Ratio Lower Upper

62 100

64 40.9 24.4 45.2





#8

Chloroethane

Concen: 54.827 ug/L

RT: 1.60 min Scan# 159

Delta R.T. -0.00 min

Lab File: VV007524.D

Acq: 13 Sep 2018 21:58

Instrument :

MSVOA\_V

ClientSampleId :

C0D09

Tgt Ion: 64 Resp: 286281

Ion Ratio Lower Upper

64 100

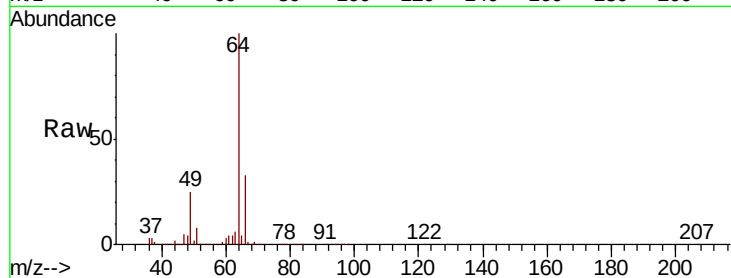
66 33.0 24.3 45.1

Manual Integrations

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Abundance Ion 64.10 (63.80 to 64.80): VV007519.D (-150) (-)

Ion 66.05 (65.75 to 66.75): VV007519.D (-150) (-)

250000

200000

150000

100000

50000

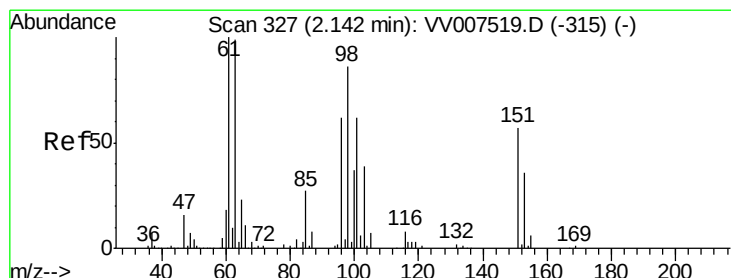
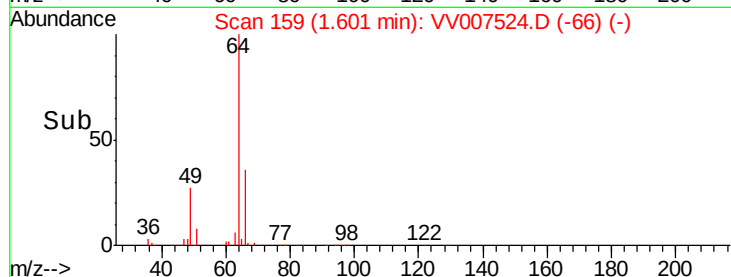
0

1.50

1.60

1.70

Time-->



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.376 ug/L

RT: 2.14 min Scan# 327

Delta R.T. -0.00 min

Lab File: VV007524.D

Acq: 13 Sep 2018 21:58

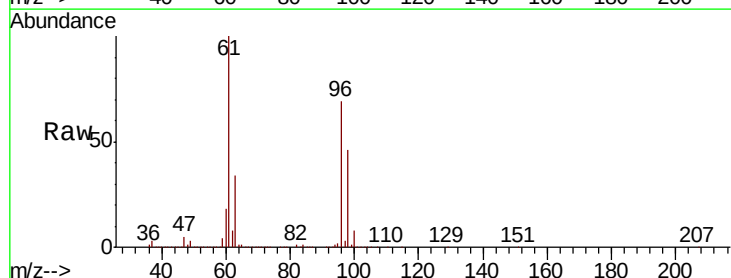
Tgt Ion: 101 Resp: 3470

Ion Ratio Lower Upper

101 100

85 24.6 34.8 52.2#

151 2.2 72.6 109.0#



Abundance Ion 101.00 (100.70 to 101.70): VV007519.D (-315) (-)

Ion 85.00 (84.70 to 85.70): VV007519.D (-315) (-)

Ion 151.00 (150.70 to 151.70): VV007519.D (-315) (-)

3000

2500

2000

1500

1000

500

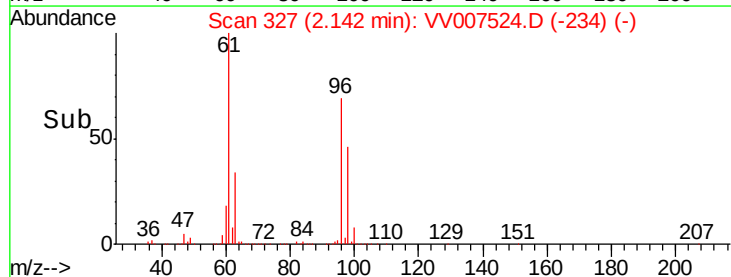
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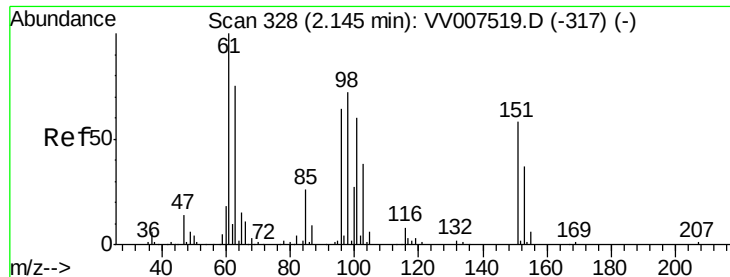
2.10

2.14

2.15

Time-->





#12

1,1-Dichloroethene

Concen: 149.417 ug/L

RT: 2.14 min Scan# 328

Delta R.T. -0.00 min

Lab File: VV007524.D

Acq: 13 Sep 2018 21:58

Instrument :

MSVOA\_V

ClientSampleId :

C0D09

Tgt Ion: 96 Resp: 1236816

Ion Ratio Lower Upper

96 100

61 142.6 114.8 213.2

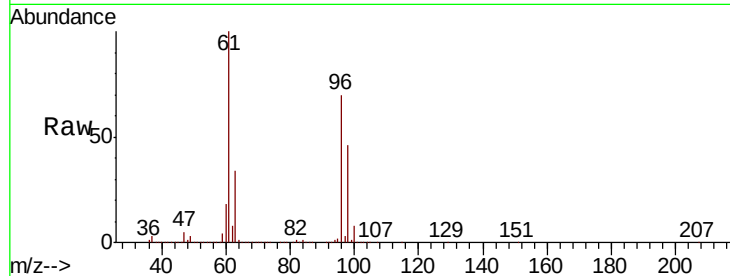
63 48.5 81.8 151.8#

Manual Integrations

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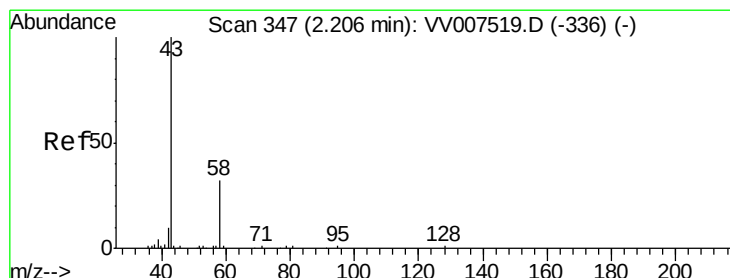
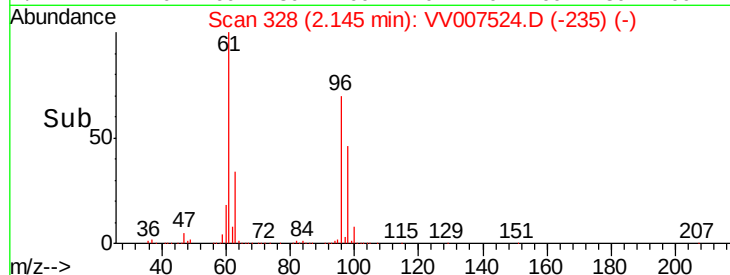
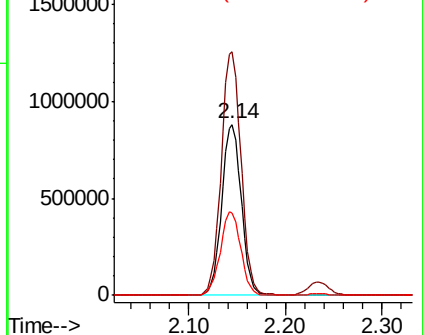
9/17/2018 12:29:47 PM



Abundance Ion 96.00 (95.70 to 96.70): VV007519.D (-317) (-)

Ion 61.05 (60.75 to 61.75): VV007519.D (-317) (-)

Ion 63.00 (62.70 to 63.70): VV007519.D (-317) (-)



#13

Acetone

Concen: 57.105 ug/L

RT: 2.22 min Scan# 352

Delta R.T. 0.02 min

Lab File: VV007524.D

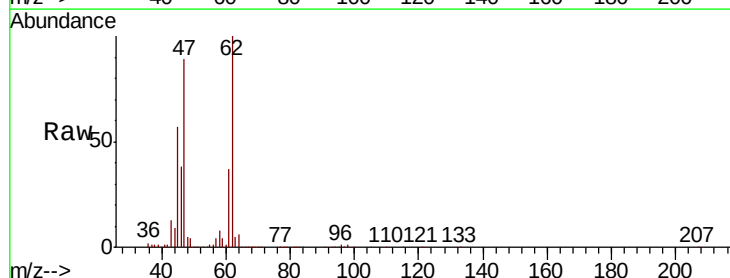
Acq: 13 Sep 2018 21:58

Tgt Ion: 43 Resp: 44318

Ion Ratio Lower Upper

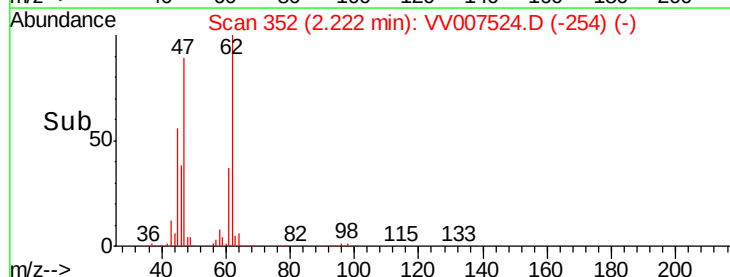
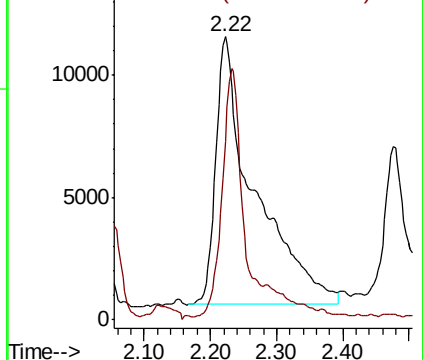
43 100

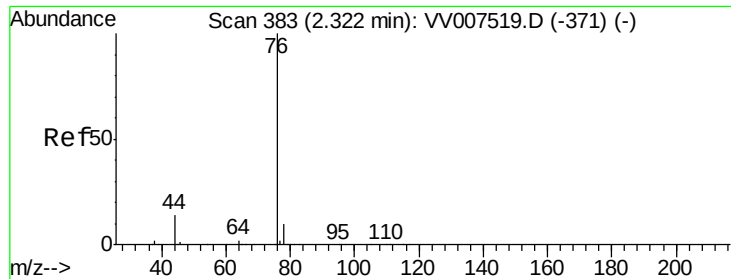
58 48.3 0.0 63.4



Abundance Ion 43.05 (42.75 to 43.75): VV007519.D (-336) (-)

Ion 58.05 (57.75 to 58.75): VV007519.D (-336) (-)





#14

Carbon disulfide

Concen: 0.218 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VV007524.D

Acq: 13 Sep 2018 21:58

Instrument :

MSVOA\_V

ClientSampleId :

C0D09

Tgt Ion: 76 Resp: 5271

Ion Ratio Lower Upper

76 100

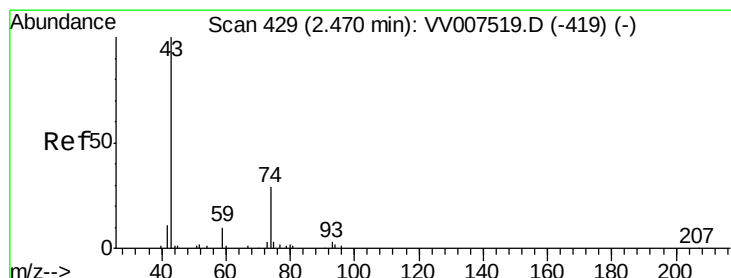
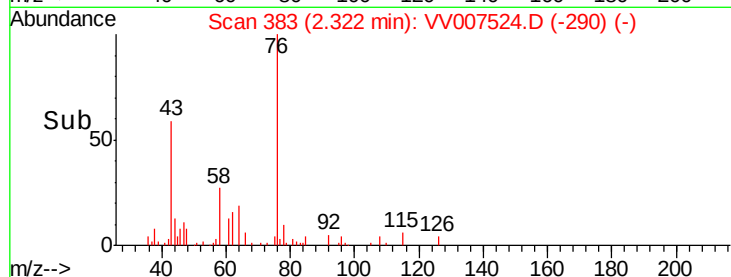
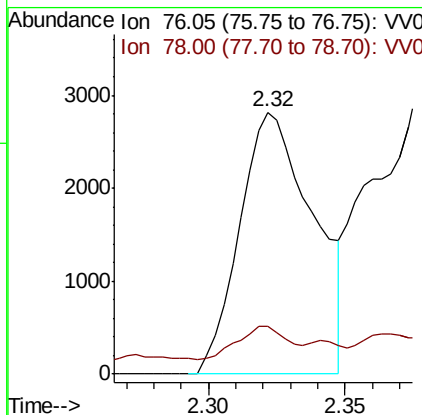
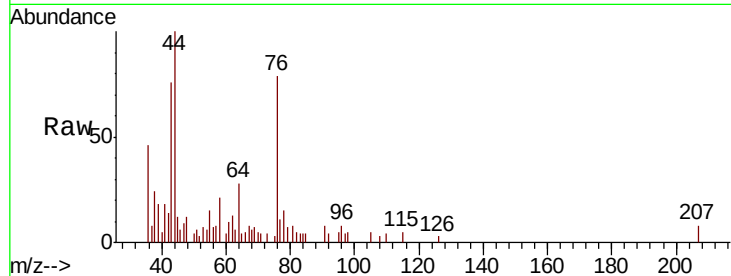
78 18.3 7.4 11.0#

Manual Integrations

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#15

Methyl Acetate

Concen: 5.700 ug/L

RT: 2.48 min Scan# 431

Delta R.T. 0.01 min

Lab File: VV007524.D

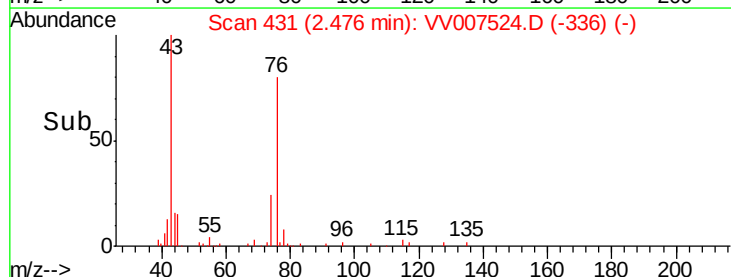
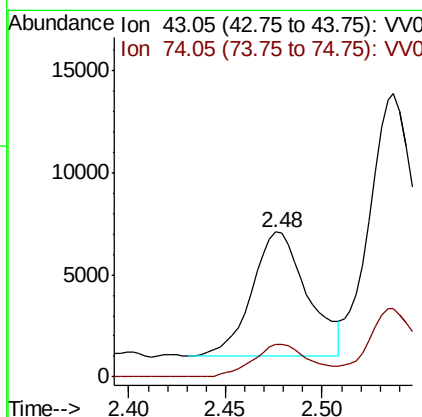
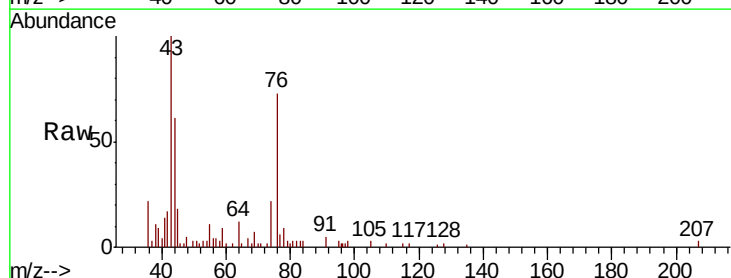
Acq: 13 Sep 2018 21:58

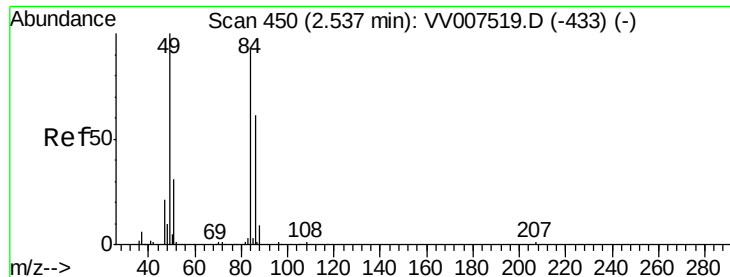
Tgt Ion: 43 Resp: 12124

Ion Ratio Lower Upper

43 100

74 26.5 25.4 38.2





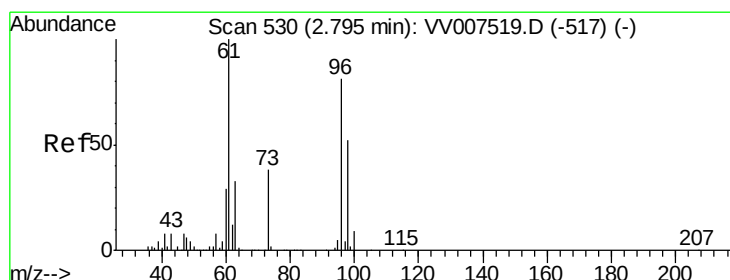
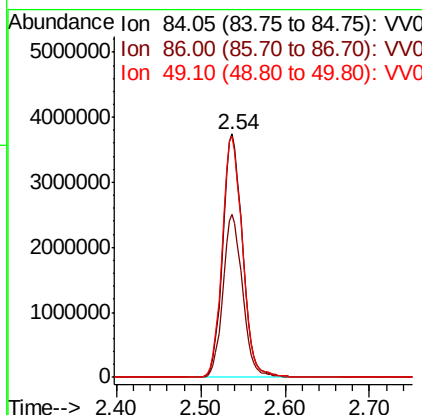
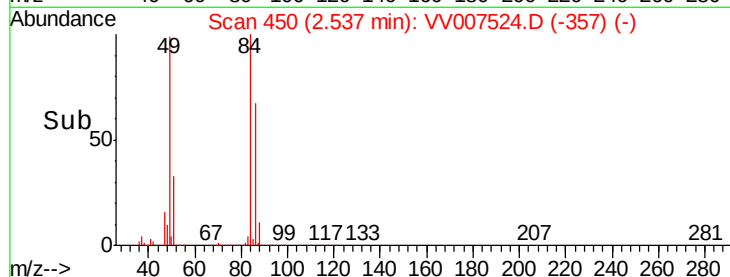
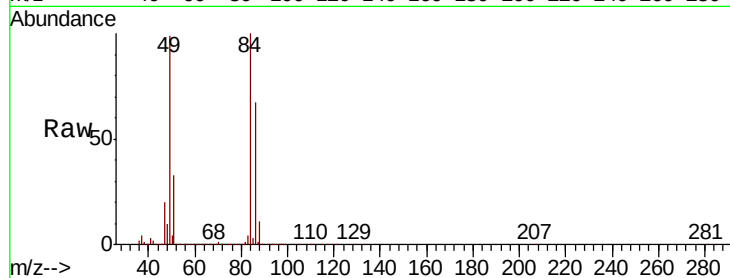
#16  
Methylene chloride  
Concen: 684.764 ug/L  
RT: 2.54 min Scan# 450  
Delta R.T. -0.00 min  
Lab File: VV007524.D  
Acq: 13 Sep 2018 21:58

Instrument :  
MSVOA\_V  
ClientSampled :  
C0D09

Tgt Ion: 84 Resp: 6126787  
Ion Ratio Lower Upper  
84 100  
86 66.8 43.7 81.1  
49 98.9 76.8 142.6

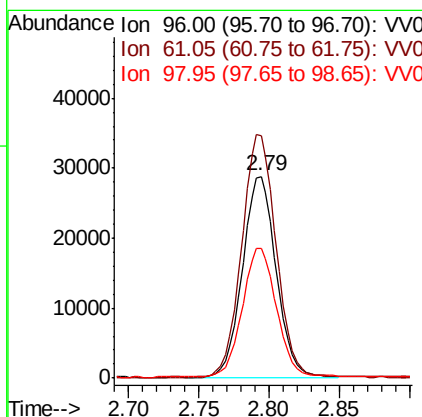
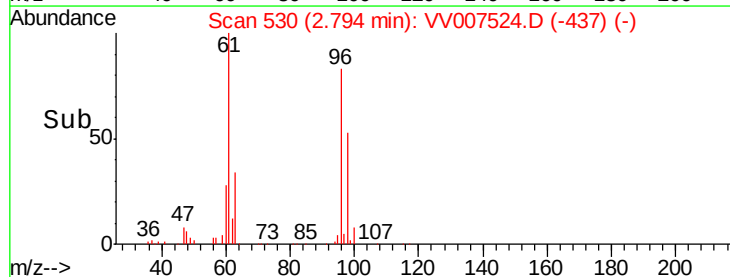
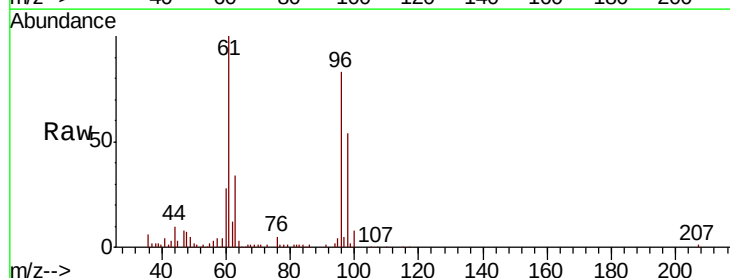
Manual Integrations  
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MMDadoda  
9/17/2018 12:29:47 PM

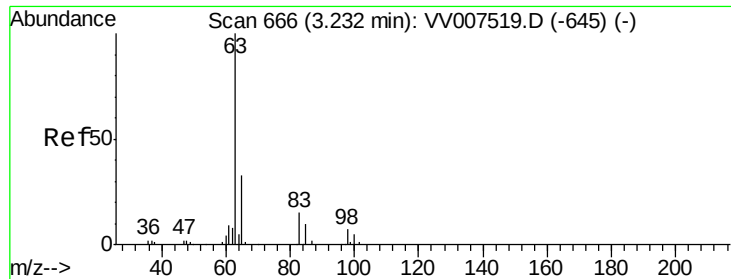


#18  
trans-1,2-Dichloroethene  
Concen: 5.335 ug/L  
RT: 2.79 min Scan# 530  
Delta R.T. -0.00 min  
Lab File: VV007524.D  
Acq: 13 Sep 2018 21:58

Tgt Ion: 96 Resp: 48047  
Ion Ratio Lower Upper  
96 100  
61 120.1 86.8 161.2  
98 64.7 44.4 82.4







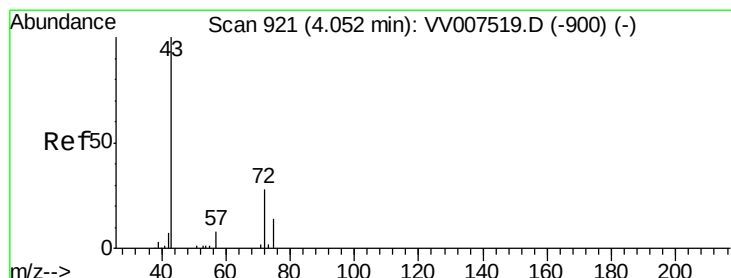
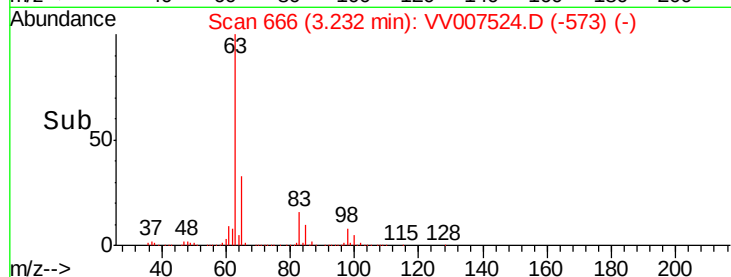
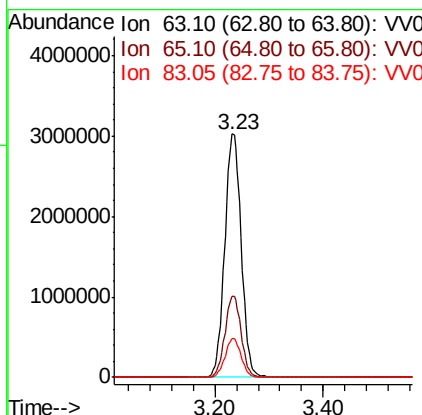
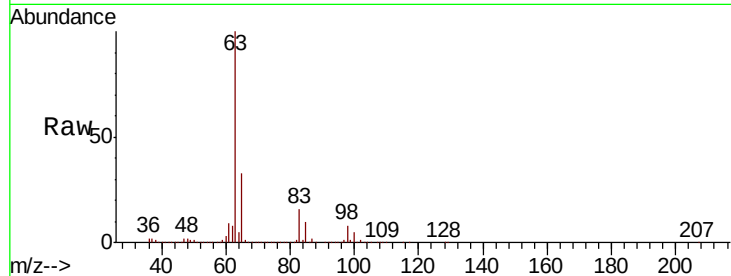
#19  
 1,1-Dichloroethane  
 Concen: 484.211 ug/L  
 RT: 3.23 min Scan# 666  
 Delta R.T. -0.00 min  
 Lab File: VV007524.D  
 Acq: 13 Sep 2018 21:58

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0D09

Tgt Ion: 63 Resp: 6357479  
 Ion Ratio Lower Upper  
 63 100  
 65 33.5 22.5 41.9  
 83 15.9 10.4 19.2

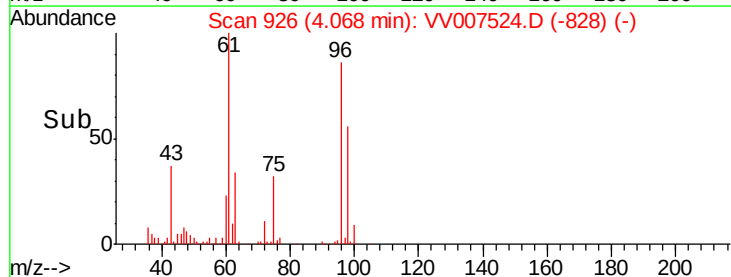
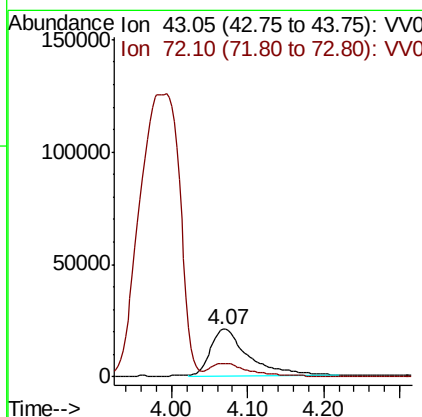
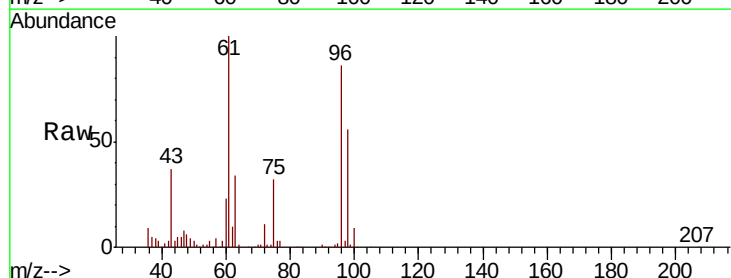
Manual Integrations  
 APPROVED

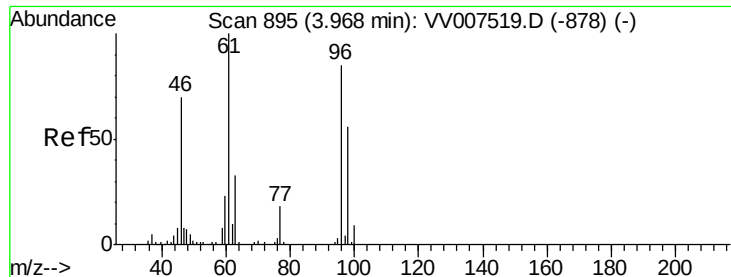
MMDadoda  
 9/17/2018 12:29:47 PM



#21  
 2-Butanone  
 Concen: 55.046 ug/L  
 RT: 4.07 min Scan# 926  
 Delta R.T. 0.02 min  
 Lab File: VV007524.D  
 Acq: 13 Sep 2018 21:58

Tgt Ion: 43 Resp: 71663  
 Ion Ratio Lower Upper  
 43 100  
 72 31.3 14.2 42.6





#22

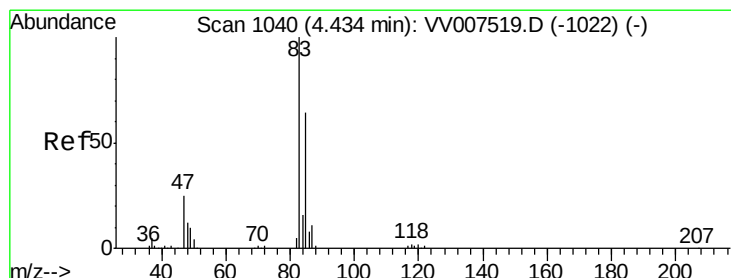
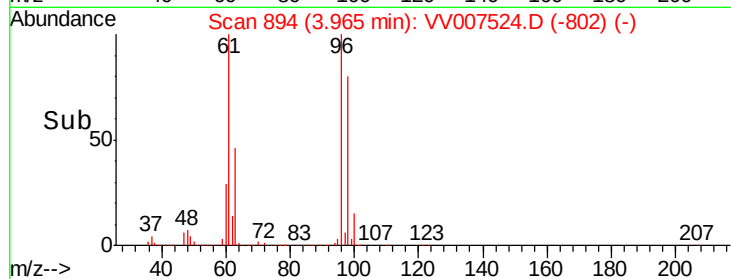
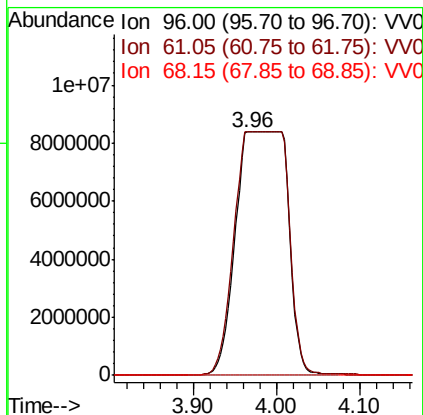
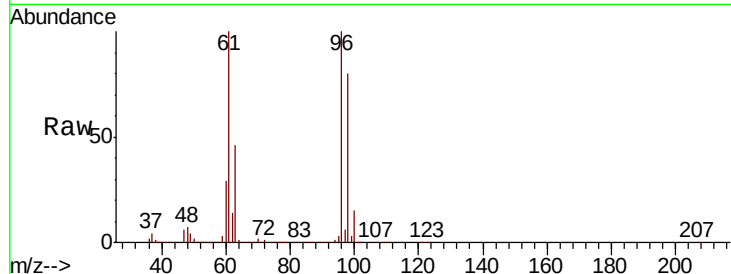
cis-1,2-Dichloroethene  
 Concen: 4080.834 ug/L m  
 RT: 3.96 min Scan# 894  
 Delta R.T. -0.00 min  
 Lab File: VV007524.D  
 Acq: 13 Sep 2018 21:58

Instrument :  
 MSVOA\_V  
 ClientSampled :  
 C0D09

Tgt Ion: 96 Resp: 36221847  
 Ion Ratio Lower Upper  
 96 100  
 61 100.0 85.3 158.5  
 68 0.0 0.0 0.0#

Manual Integrations  
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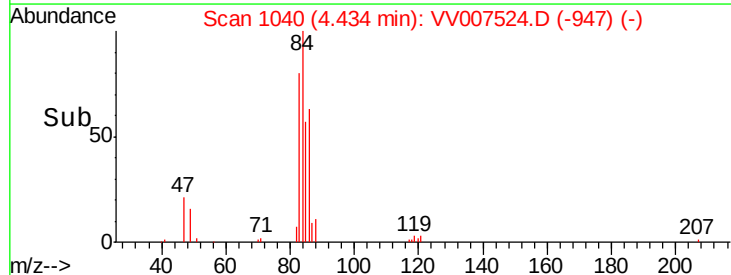
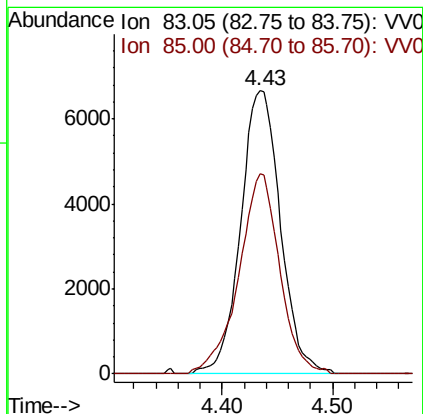
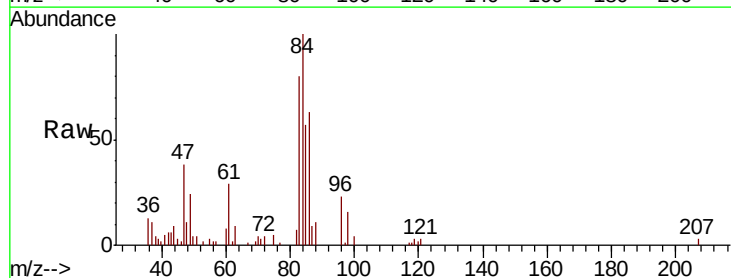
MMDadoda  
 9/17/2018 12:29:47 PM

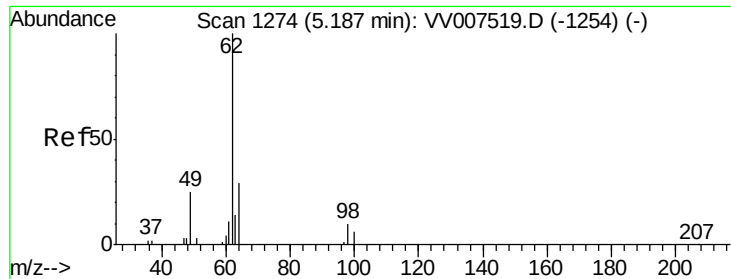


#25

Chloroform  
 Concen: 1.109 ug/L  
 RT: 4.43 min Scan# 1040  
 Delta R.T. -0.00 min  
 Lab File: VV007524.D  
 Acq: 13 Sep 2018 21:58

Tgt Ion: 83 Resp: 16645  
 Ion Ratio Lower Upper  
 83 100  
 85 70.9 45.5 84.5





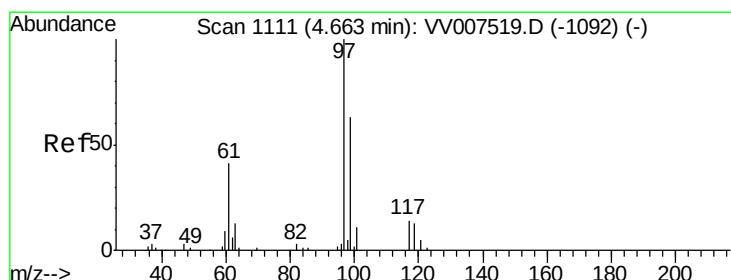
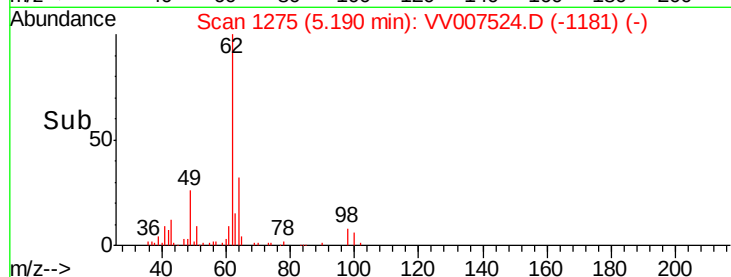
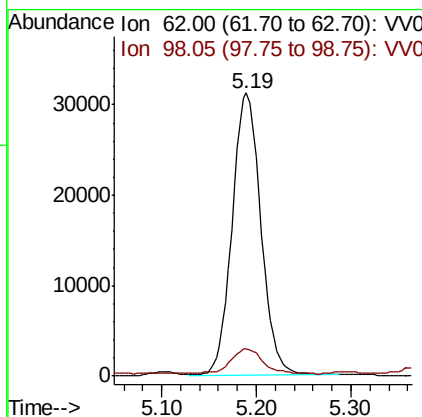
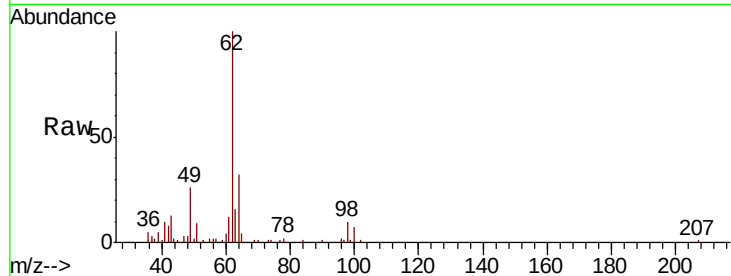
#27  
 1,2-Dichloroethane  
 Concen: 7.662 ug/L  
 RT: 5.19 min Scan# 1275  
 Delta R.T. 0.00 min  
 Lab File: VV007524.D  
 Acq: 13 Sep 2018 21:58

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0D09

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 62      | 100   | 66185 |       |       |
| 98      | 9.7   | 7.6   | 11.4  |       |

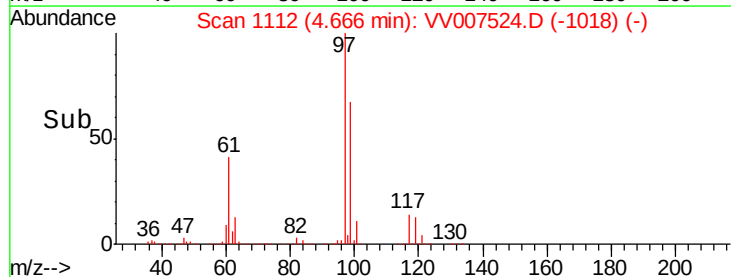
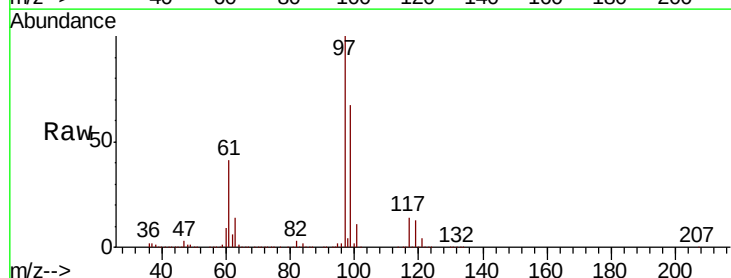
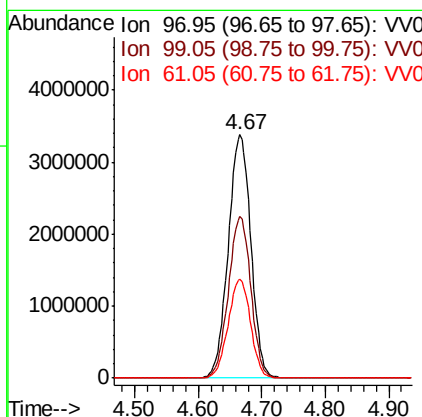
Manual Integrations  
 APPROVED

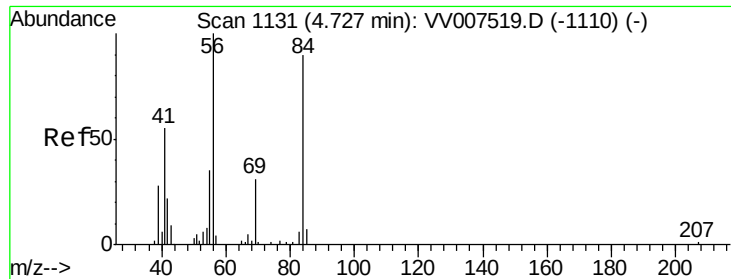
MMDadoda  
 9/17/2018 12:29:47 PM



#29  
 1,1,1-Trichloroethane  
 Concen: 591.442 ug/L  
 RT: 4.67 min Scan# 1112  
 Delta R.T. 0.00 min  
 Lab File: VV007524.D  
 Acq: 13 Sep 2018 21:58

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 97      | 100   | 8324663 |       |       |
| 99      | 66.0  | 50.7    | 76.1  |       |
| 61      | 40.3  | 32.5    | 48.7  |       |





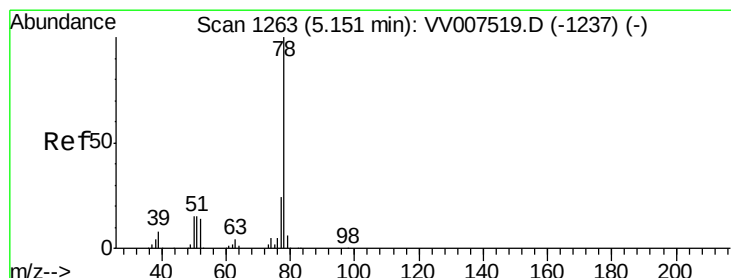
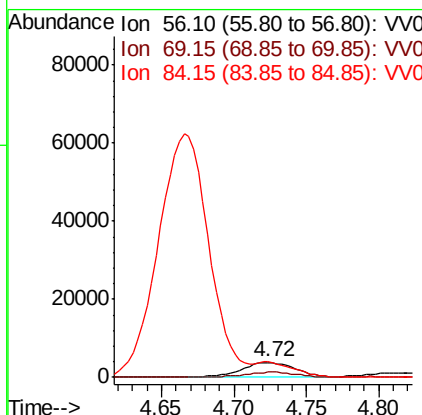
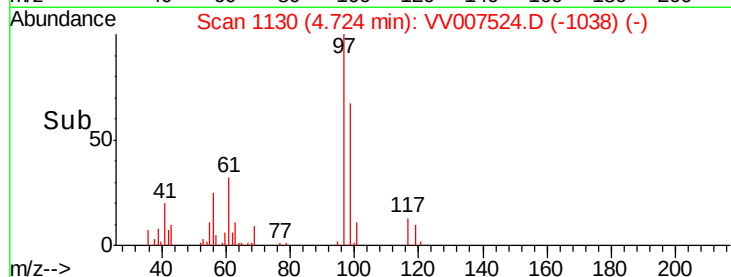
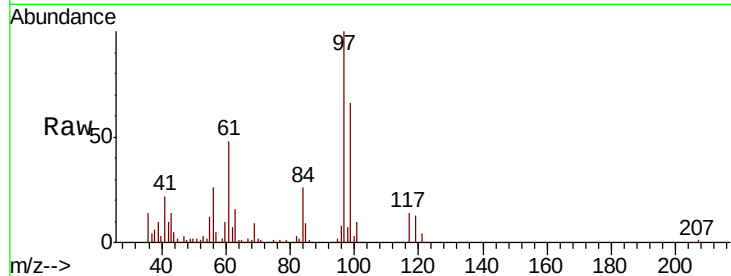
#30  
Cyclohexane  
Concen: 0.763 ug/L  
RT: 4.72 min Scan# 1130  
Delta R.T. -0.00 min  
Lab File: VV007524.D  
Acq: 13 Sep 2018 21:58

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0D09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 35.0  | 26.1  | 39.1  |
| 84      | 76.3  | 78.0  | 117.0 |

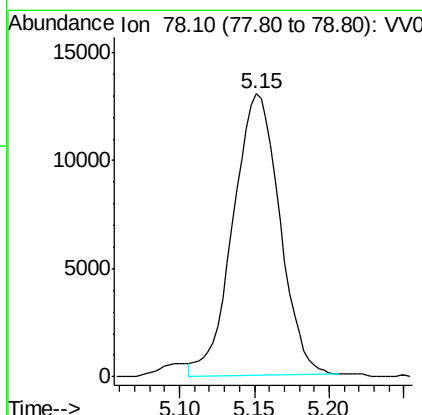
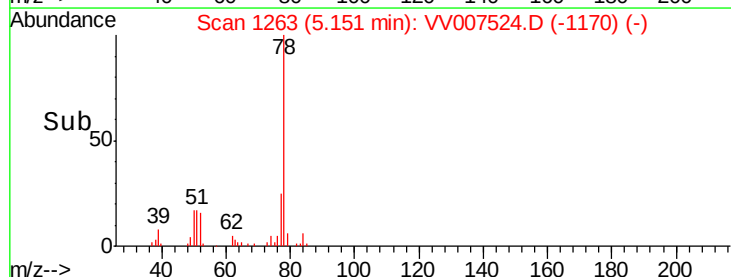
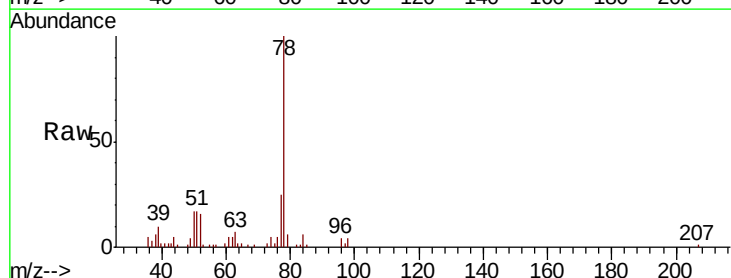
Manual Integrations  
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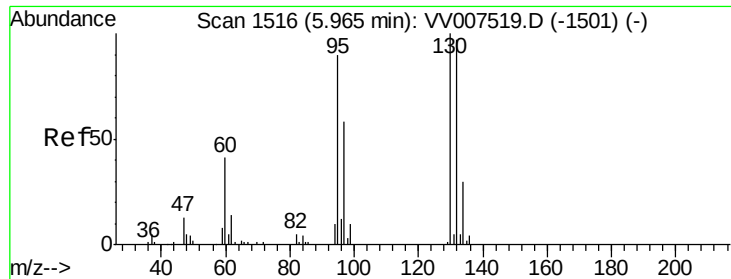
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#33  
Benzene  
Concen: 0.945 ug/L  
RT: 5.15 min Scan# 1263  
Delta R.T. -0.00 min  
Lab File: VV007524.D  
Acq: 13 Sep 2018 21:58

Tgt Ion: 78 Resp: 28236





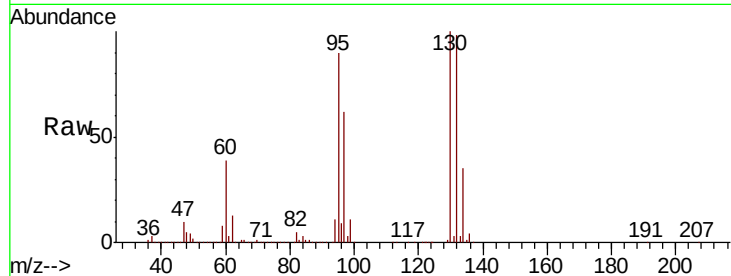
#34  
 Trichloroethene  
 Concen: 1094.763 ug/L  
 RT: 5.97 min Scan# 1519  
 Delta R.T. 0.01 min  
 Lab File: VV007524.D  
 Acq: 13 Sep 2018 21:58

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0D09

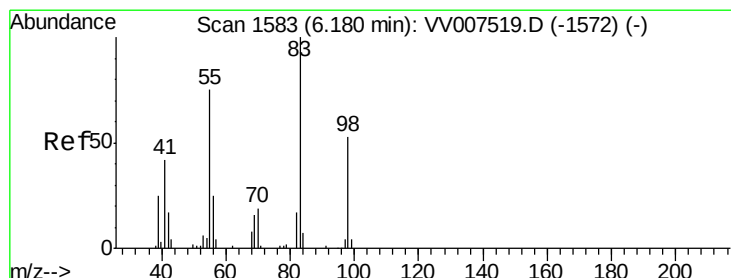
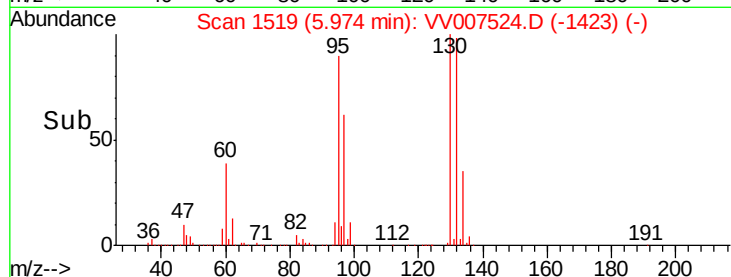
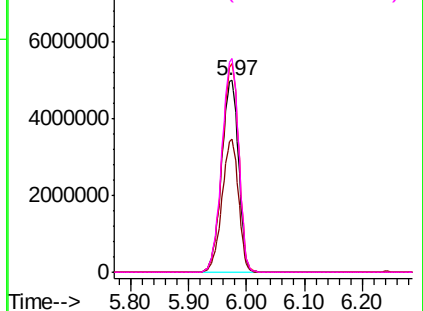
Tgt Ion: 95 Resp:10034414  
 Ion Ratio Lower Upper  
 95 100  
 97 69.3 45.5 84.5  
 132 108.9 74.9 139.1  
 130 111.4 80.0 148.6

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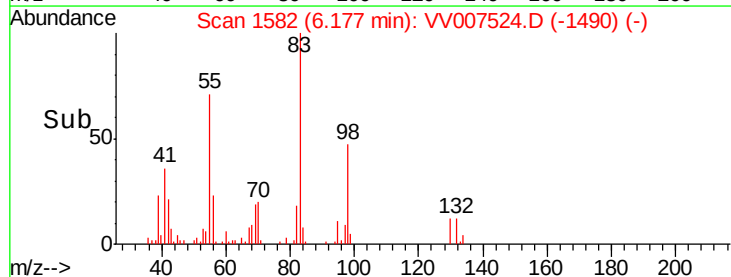
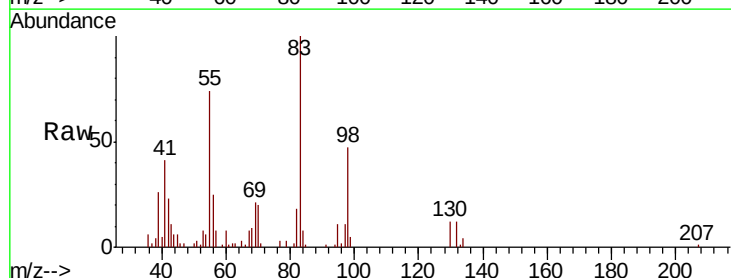
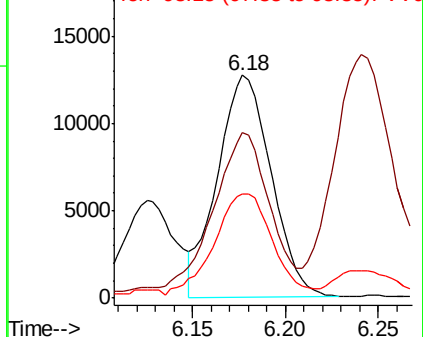
Abundance Ion 95.00 (94.70 to 95.70): VV0  
 Ion 96.95 (96.65 to 97.65): VV0  
 Ion 131.95 (131.65 to 132.65): V  
 Ion 129.95 (129.65 to 130.65): V

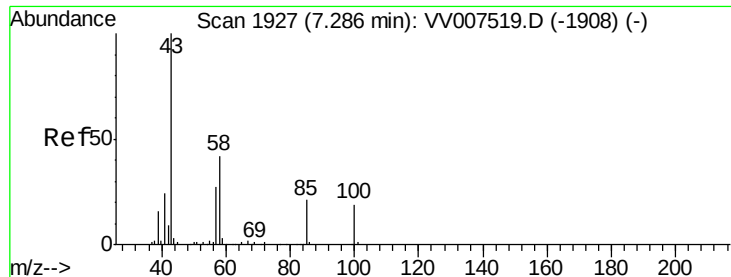


#35  
 Methylcyclohexane  
 Concen: 1.800 ug/L  
 RT: 6.18 min Scan# 1582  
 Delta R.T. -0.00 min  
 Lab File: VV007524.D  
 Acq: 13 Sep 2018 21:58

Tgt Ion: 83 Resp: 25486  
 Ion Ratio Lower Upper  
 83 100  
 55 75.4 55.0 82.4  
 98 48.6 37.6 56.4

Abundance Ion 83.15 (82.85 to 83.85): VV0  
 Ion 55.10 (54.80 to 55.80): VV0  
 Ion 98.15 (97.85 to 98.85): VV0





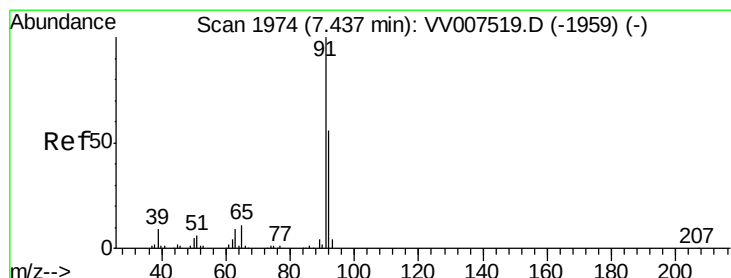
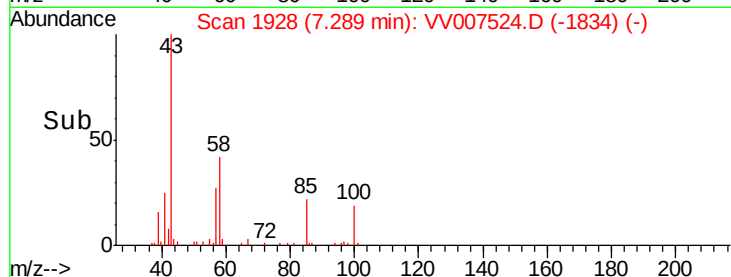
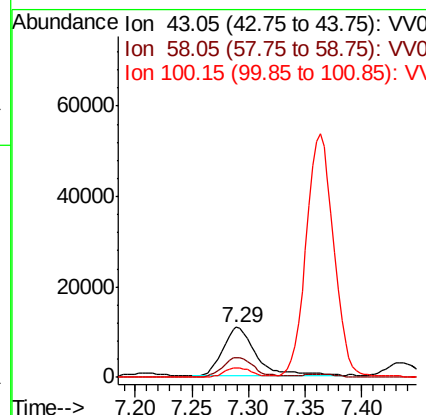
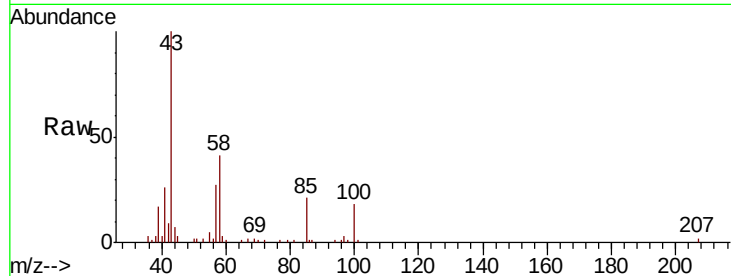
#40  
 4-Methyl-2-pentanone  
 Concen: 5.378 ug/L  
 RT: 7.29 min Scan# 1928  
 Delta R.T. 0.00 min  
 Lab File: VV007524.D  
 Acq: 13 Sep 2018 21:58

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0D09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 39.2  | 32.6  | 49.0  |
| 100     | 16.7  | 13.5  | 20.3  |

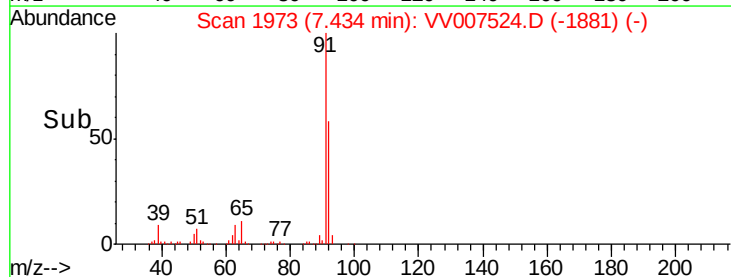
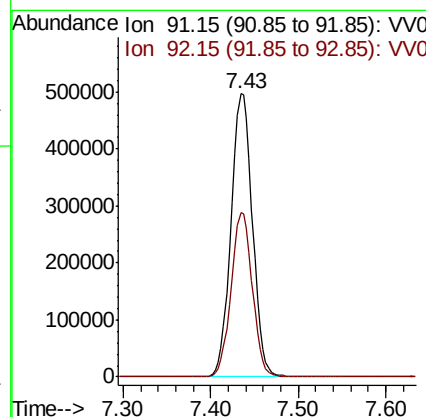
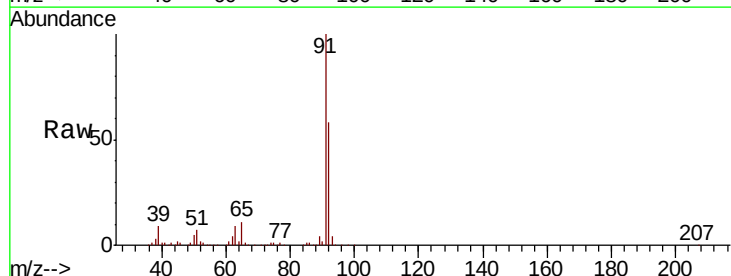
Manual Integrations  
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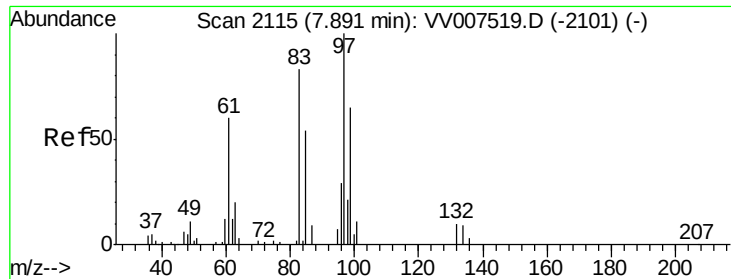
MMDadoda  
 9/17/2018 12:29:47 PM



#42  
 Toluene  
 Concen: 24.512 ug/L  
 RT: 7.43 min Scan# 1973  
 Delta R.T. -0.00 min  
 Lab File: VV007524.D  
 Acq: 13 Sep 2018 21:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 57.9  | 40.3  | 74.8  |





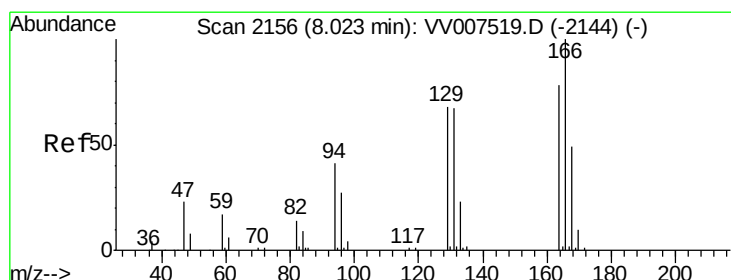
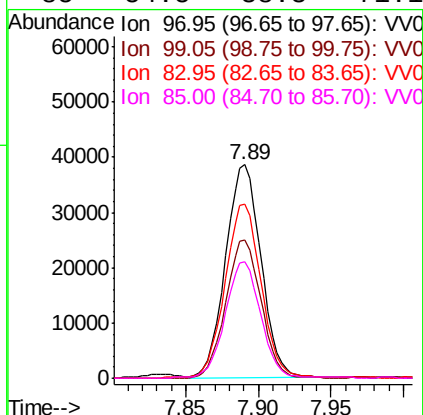
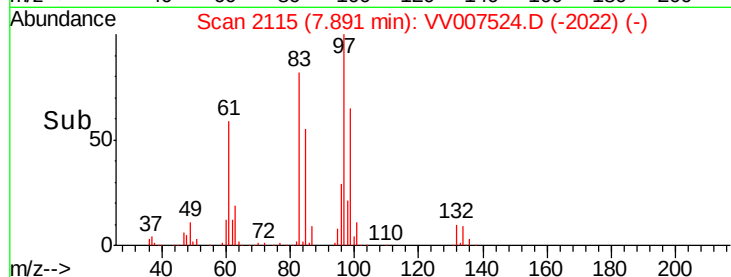
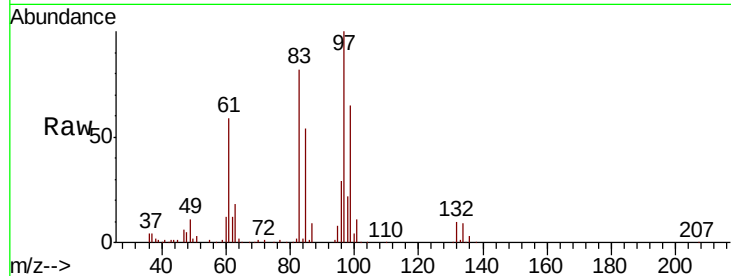
#45  
 1,1,2-Trichloroethane  
 Concen: 11.894 ug/L  
 RT: 7.89 min Scan# 2115  
 Delta R.T. -0.00 min  
 Lab File: VV007524.D  
 Acq: 13 Sep 2018 21:58

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0D09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.5  | 42.9  | 79.7  |
| 83      | 81.6  | 58.1  | 107.9 |
| 85      | 54.5  | 38.3  | 71.1  |

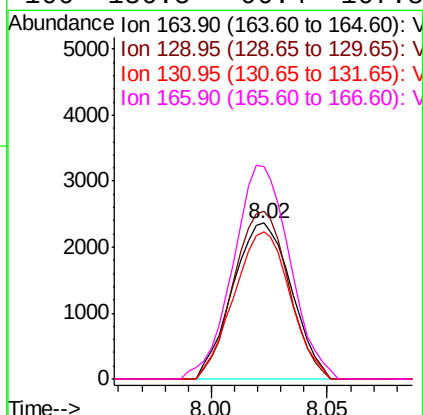
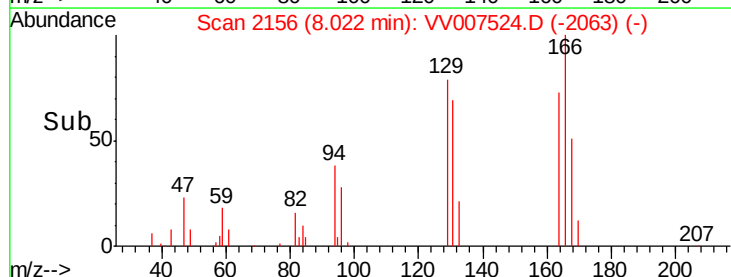
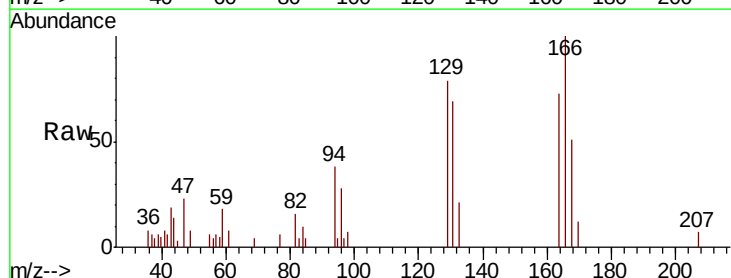
Manual Integrations  
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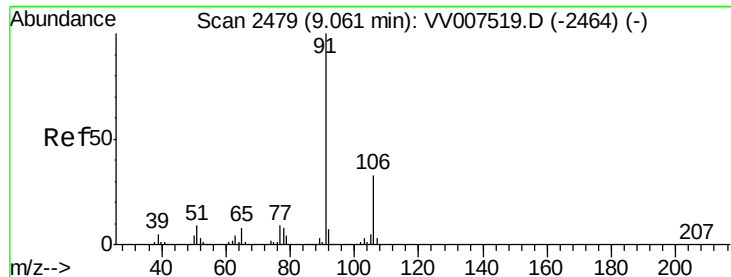
MMDadoda  
 9/17/2018 12:29:47 PM



#47  
 Tetrachloroethene  
 Concen: 0.506 ug/L  
 RT: 8.02 min Scan# 2156  
 Delta R.T. -0.00 min  
 Lab File: VV007524.D  
 Acq: 13 Sep 2018 21:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 129     | 107.8 | 61.9  | 115.1 |
| 131     | 94.8  | 62.1  | 115.3 |
| 166     | 136.5 | 90.4  | 167.8 |





#52

Ethylbenzene

Concen: 69.903 ug/L

RT: 9.06 min Scan# 2479

Delta R.T. -0.00 min

Lab File: VV007524.D

Acq: 13 Sep 2018 21:58

Instrument :

MSVOA\_V

ClientSampled :

C0D09

Tgt Ion: 91 Resp: 2718581

Ion Ratio Lower Upper

91 100

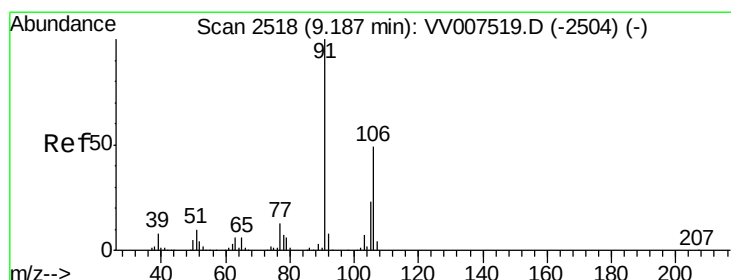
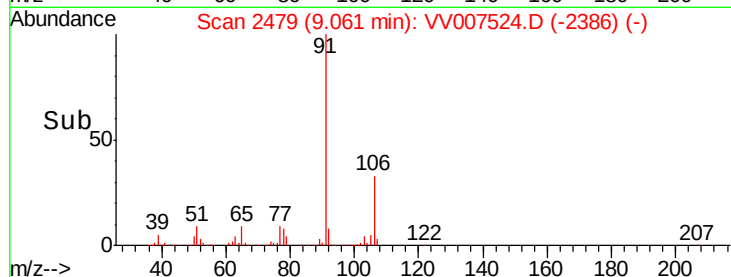
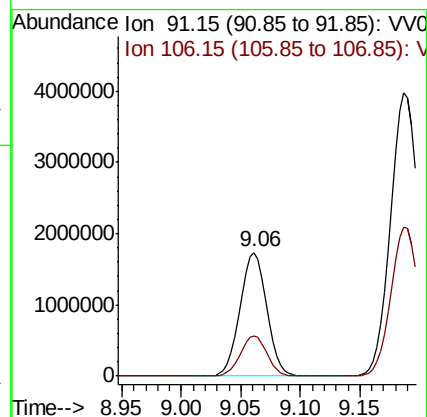
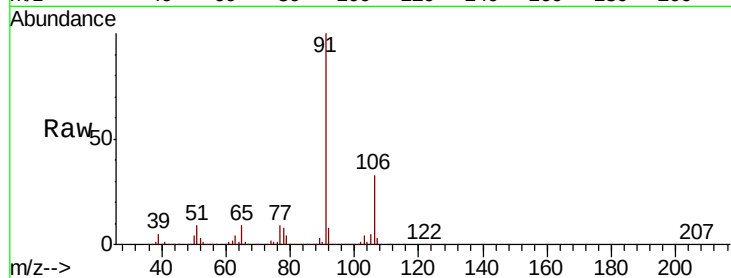
106 32.9 22.0 41.0

Manual Integrations

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#53

m,p-xylene

Concen: 224.718 ug/L

RT: 9.19 min Scan# 2518

Delta R.T. -0.00 min

Lab File: VV007524.D

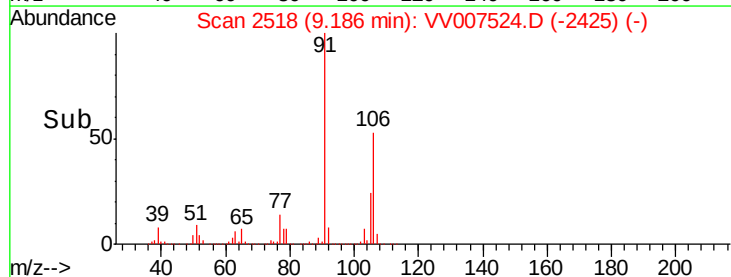
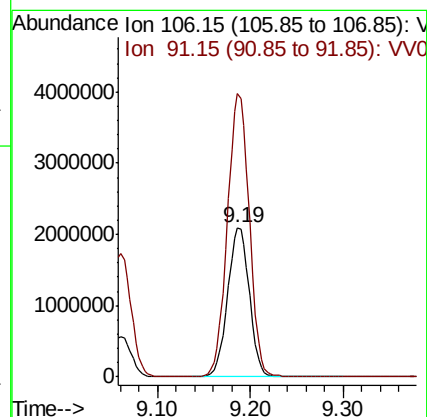
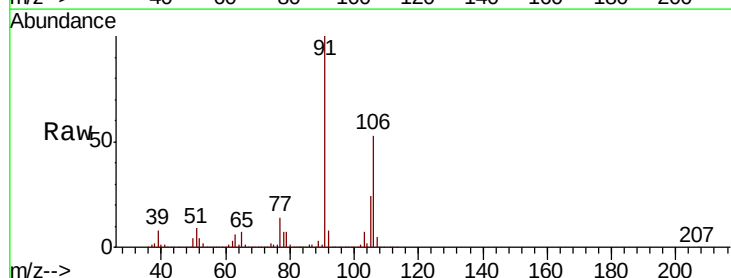
Acq: 13 Sep 2018 21:58

Tgt Ion: 106 Resp: 3385901

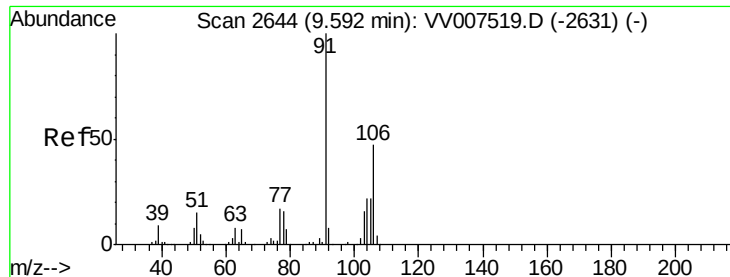
Ion Ratio Lower Upper

106 100

91 189.2 137.2 254.8







#54

o-xylene

Concen: 94.648 ug/L

RT: 9.59 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VV007524.D

Acq: 13 Sep 2018 21:58

Instrument :

MSVOA\_V

ClientSampled :

C0D09

Tgt Ion:106 Resp: 1396568

Ion Ratio Lower Upper

106 100

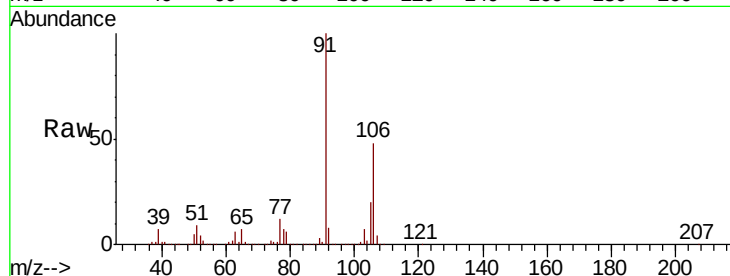
91 208.5 147.6 274.0

Manual Integrations

APPROVED

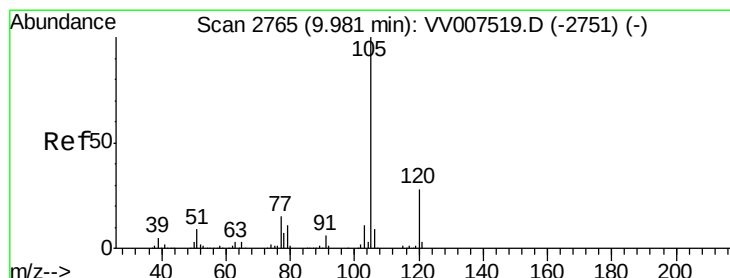
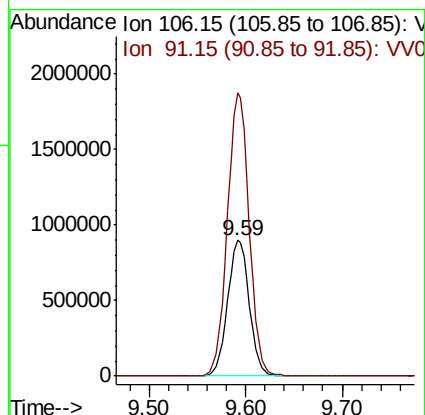
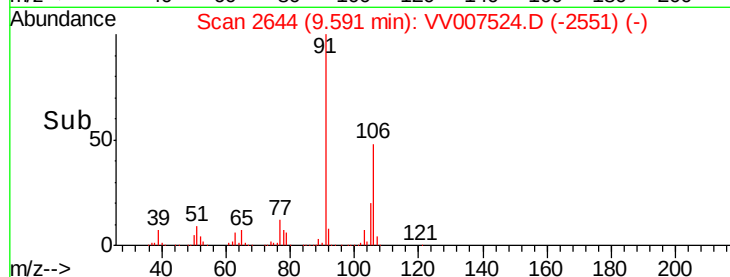
MMDadoda

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Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#56

Isopropylbenzene

Concen: 7.025 ug/L

RT: 9.98 min Scan# 2764

Delta R.T. -0.00 min

Lab File: VV007524.D

Acq: 13 Sep 2018 21:58

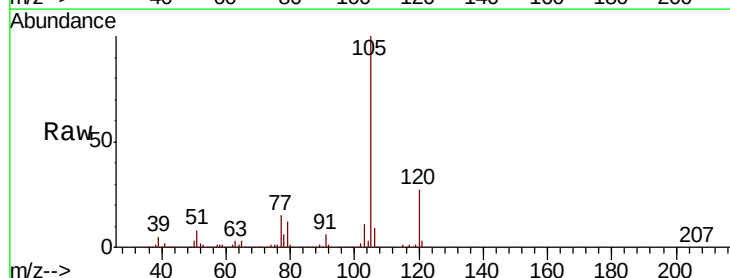
Tgt Ion:105 Resp: 281430

Ion Ratio Lower Upper

105 100

120 27.4 22.2 33.2

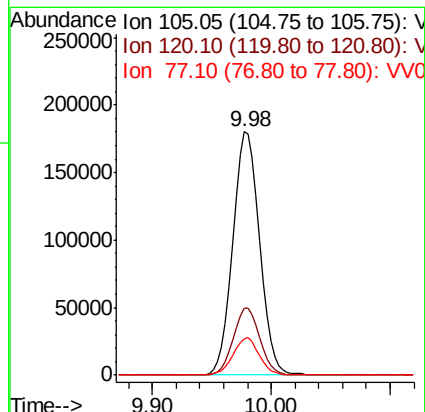
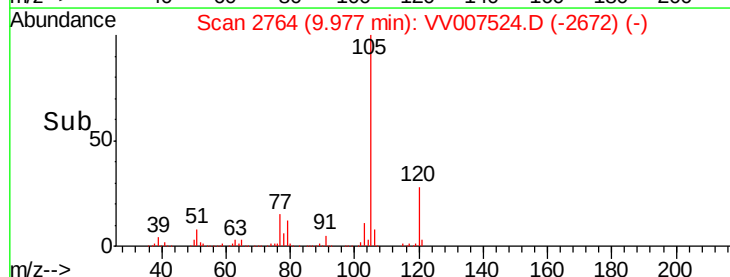
77 15.0 12.2 18.4

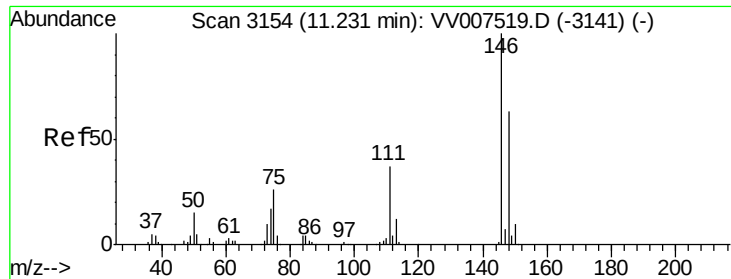


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VV0





#62  
 1,3-Dichlorobenzene  
 Concen: 0.123 ug/L  
 RT: 11.23 min Scan# 3154  
 Delta R.T. -0.00 min  
 Lab File: VV007524.D  
 Acq: 13 Sep 2018 21:58

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0D09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.0  | 25.3  | 47.1  |
| 148     | 70.7  | 44.6  | 82.8  |

Manual Integrations  
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