

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110320\  
 Data File : VV019221.D  
 Acq On : 03 Nov 2020 00:53  
 Operator : SY/MD  
 Sample : L4485-16  
 Misc : 5.0uL/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleID :  
 MDL-ME-SOIL-02

Manual Integrations  
 APPROVED

MMDadoda  
 11/4/2020 10:44:58 AM

Quant Time: Nov 03 06:26:11 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SFAMVLM110320WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Nov 03 05:28:09 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 231508   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 221045   | 50.00 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 112050   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 86656    | 48.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 97.00%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 75115    | 53.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 107.30% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 137114   | 41.45    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 82.90%  |
| 21) 2-Butanone-d5              | 3.91    | 46    | 110734   | 112.40   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 112.40% |
| 24) Chloroform-d               | 4.38    | 84    | 169493   | 50.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.38% |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 121221   | 52.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 104.06% |
| 32) Benzene-d6                 | 5.08    | 84    | 318701   | 52.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 104.44% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 96403    | 52.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 105.80% |
| 41) Toluene-d8                 | 7.34    | 98    | 285129   | 50.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 100.30% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 52100    | 50.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 100.98% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 72236    | 102.11   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 102.11% |
| 56) 1,1,2,2-Tetrachloroethane- | 10.23   | 84    | 119513   | 49.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 98.44%  |
| 66) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 118790   | 52.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 105.98% |

## Target Compounds

| Target Compounds               | R.T. | QIon | Response | Conc  | Units  | Ovalue |
|--------------------------------|------|------|----------|-------|--------|--------|
| 2) Dichlorodifluoromethane     | 1.14 | 85   | 3483     | 2.456 | ug/L   | 96     |
| 3) Chloromethane               | 1.25 | 50   | 4003     | 2.711 | ug/L   | 99     |
| 5) Vinyl chloride              | 1.32 | 62   | 4404     | 2.865 | ug/L # | 60     |
| 6) Bromomethane                | 1.53 | 94   | 3058     | 2.960 | ug/L   | 97     |
| 8) Chloroethane                | 1.60 | 64   | 3146     | 3.129 | ug/L   | 92     |
| 9) Trichlorofluoromethane      | 1.77 | 101  | 6575     | 2.584 | ug/L   | 96     |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.13 | 101  | 4298     | 3.554 | ug/L # | 75     |
| 12) 1,1-Dichloroethene         | 2.13 | 96   | 4077     | 3.262 | ug/L # | 1      |
| 13) Acetone                    | 2.19 | 43   | 4389     | 5.858 | ug/L   | 94     |
| 14) Carbon disulfide           | 2.31 | 76   | 9614     | 2.679 | ug/L   | 100    |
| 15) Methyl Acetate             | 2.46 | 43   | 3914     | 2.696 | ug/L # | 88     |
| 16) Methylene chloride         | 2.53 | 84   | 4278     | 2.879 | ug/L   | 99     |
| 17) trans-1,2-Dichloroethene   | 2.79 | 96   | 3481     | 2.567 | ug/L   | 96     |
| 18) Methyl tert-butyl Ether    | 2.79 | 73   | 12295    | 2.580 | ug/L   | 99     |
| 19) 1,1-Dichloroethane         | 3.22 | 63   | 7231     | 2.722 | ug/L   | 95     |
| 20) cis-1,2-Dichloroethene     | 3.94 | 96   | 4138m    | 2.762 | ug/L   |        |
| 22) 2-Butanone                 | 4.02 | 43   | 5313m    | 5.587 | ug/L   |        |

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 ClientSampleId :  
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 Quant Title : VOC Analysis  
 QLast Update : Tue Nov 03 05:28:09 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| -----                          |       |      |          |       |        |          |
| 23) Bromochloromethane         | 4.28  | 128  | 2048     | 2.482 | ug/L # | 85       |
| 25) Chloroform                 | 4.40  | 83   | 8998     | 3.159 | ug/L   | 89       |
| 27) 1,2-Dichloroethane         | 5.16  | 62   | 6904     | 2.852 | ug/L   | 97       |
| 29) Cyclohexane                | 4.71  | 56   | 4582     | 2.422 | ug/L # | 89       |
| 30) 1,1,1-Trichloroethane      | 4.63  | 97   | 6228     | 2.429 | ug/L   | 93       |
| 31) Carbon tetrachloride       | 4.86  | 117  | 5398     | 2.439 | ug/L   | 100      |
| 33) Benzene                    | 5.13  | 78   | 14186    | 2.582 | ug/L   | 100      |
| 34) Trichloroethene            | 5.94  | 95   | 4021     | 2.693 | ug/L   | 96       |
| 35) Methylcyclohexane          | 6.15  | 83   | 4201     | 2.325 | ug/L   | 96       |
| 37) 1,2-Dichloropropane        | 6.20  | 63   | 3124     | 2.131 | ug/L # | 91       |
| 38) Bromodichloromethane       | 6.54  | 83   | 5678     | 2.691 | ug/L # | 92       |
| 39) cis-1,3-Dichloropropene    | 7.06  | 75   | 6049     | 2.579 | ug/L   | 98       |
| 40) 4-Methyl-2-pentanone       | 7.25  | 43   | 9356     | 4.750 | ug/L   | 99       |
| 42) Toluene                    | 7.41  | 91   | 17320    | 2.917 | ug/L   | 98       |
| 44) trans-1,3-Dichloropropene  | 7.68  | 75   | 6318     | 2.628 | ug/L   | 99       |
| 45) 1,1,2-Trichloroethane      | 7.87  | 97   | 3682     | 2.541 | ug/L   | 95       |
| 46) Tetrachloroethene          | 8.00  | 164  | 2976     | 2.443 | ug/L   | 89       |
| 48) 2-Hexanone                 | 8.16  | 43   | 9914     | 6.658 | ug/L   | 98       |
| 49) Dibromochloromethane       | 8.27  | 129  | 4191     | 2.425 | ug/L   | 100      |
| 50) 1,2-Dibromoethane          | 8.38  | 107  | 4129     | 2.749 | ug/L # | 95       |
| 51) Chlorobenzene              | 8.90  | 112  | 10136    | 2.552 | ug/L   | 99       |
| 52) Ethylbenzene               | 9.04  | 91   | 15504    | 2.367 | ug/L   | 95       |
| 53) m,p-Xylene                 | 9.16  | 106  | 5875     | 2.395 | ug/L   | 83       |
| 54) o-Xylene                   | 9.57  | 106  | 5353     | 2.214 | ug/L   | 90       |
| 55) Styrene                    | 9.59  | 104  | 8918     | 2.072 | ug/L   | 95       |
| 57) 1,1,2,2-Tetrachloroethane  | 10.26 | 83   | 5853     | 2.670 | ug/L # | 94       |
| 59) Bromoform                  | 9.76  | 173  | 3181     | 2.558 | ug/L   | 98       |
| 60) Isopropylbenzene           | 9.96  | 105  | 13779    | 2.346 | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane     | 10.30 | 75   | 4791     | 2.752 | ug/L   | 98       |
| 62) 1,3,5-Trimethylbenzene     | 10.56 | 105  | 11009    | 2.251 | ug/L   | 98       |
| 63) 1,2,4-Trimethylbenzene     | 10.94 | 105  | 10424    | 2.178 | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene        | 11.21 | 146  | 8074     | 2.628 | ug/L   | 99       |
| 65) 1,4-Dichlorobenzene        | 11.30 | 146  | 8363     | 2.632 | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene        | 11.67 | 146  | 8608     | 2.739 | ug/L   | 98       |
| 68) 1,2-Dibromo-3-chloropropan | 12.45 | 75   | 1390     | 2.737 | ug/L   | 96       |
| 69) 1,3,5-Trichlorobenzene     | 12.67 | 180  | 5244     | 2.378 | ug/L   | 99       |
| 70) 1,2,4-trichlorobenzene     | 13.29 | 180  | 4351     | 2.097 | ug/L   | 94       |
| 71) Naphthalene                | 13.53 | 128  | 10039    | 1.716 | ug/L   | 98       |
| 72) 1,2,3-Trichlorobenzene     | 13.77 | 180  | 4710     | 2.290 | ug/L   | 93       |
| -----                          |       |      |          |       |        |          |

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

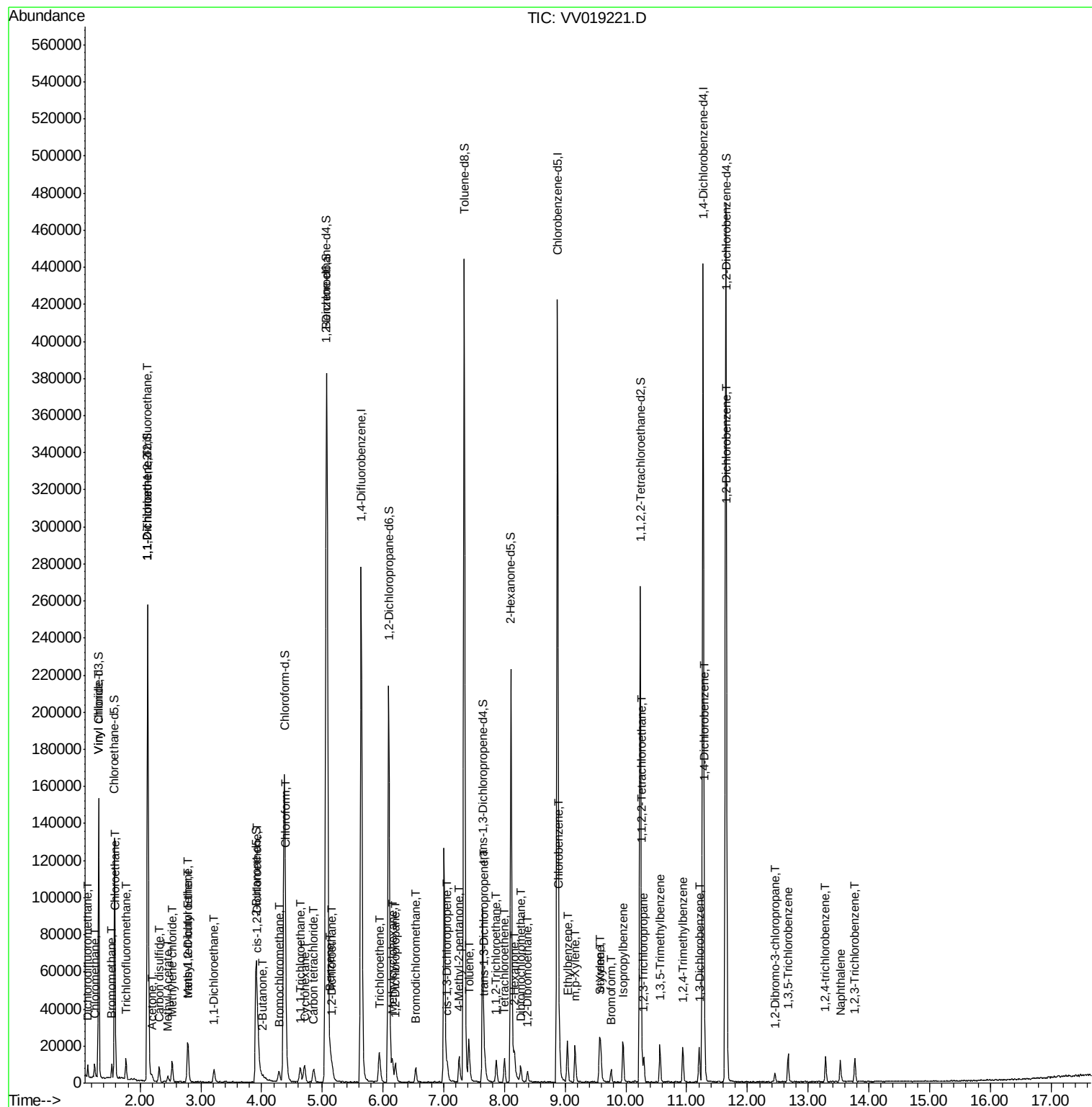
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110320\  
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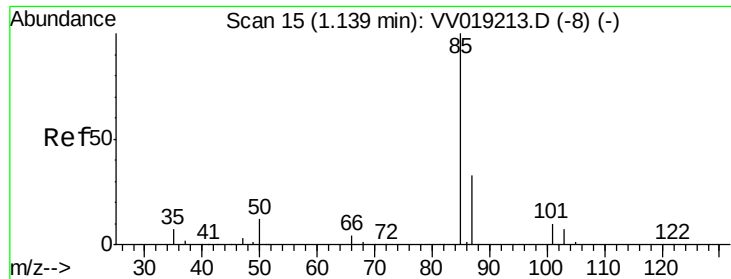
Instrument :  
MSVOA\_V  
ClientSampleId :  
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Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 2.456 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV019221.D

Acq: 03 Nov 2020 00:53

Tot Ion: 85 Resp: 3483

Ion Ratio Lower Upper

85 100

87 30.0 25.9 38.9

Instrument :

MSVOA\_V

ClientSampleId :

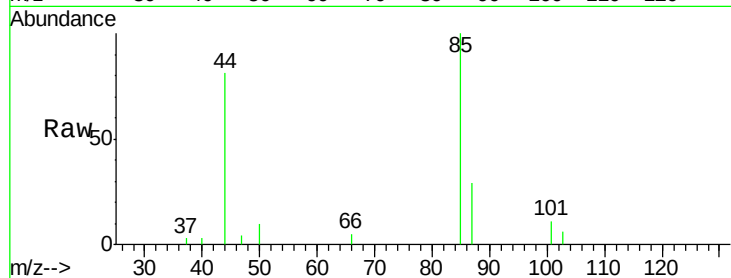
MDL-ME-SOIL-02

Manual Integrations

APPROVED

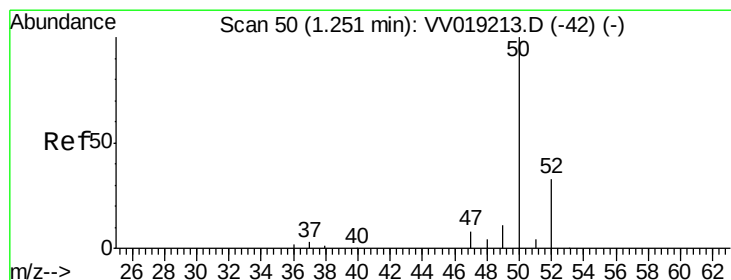
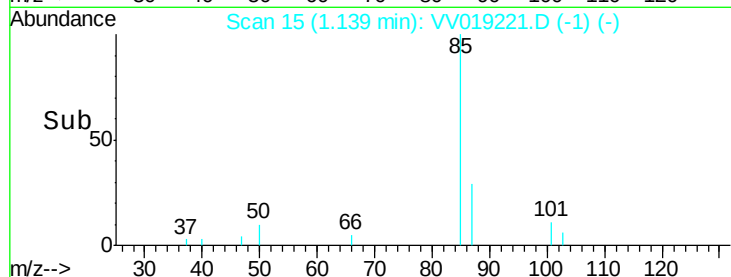
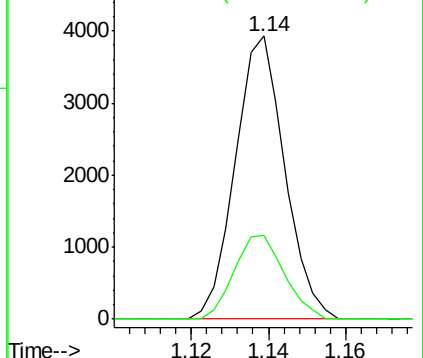
MMDadoda

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Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#3

Chloromethane

Concen: 2.711 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV019221.D

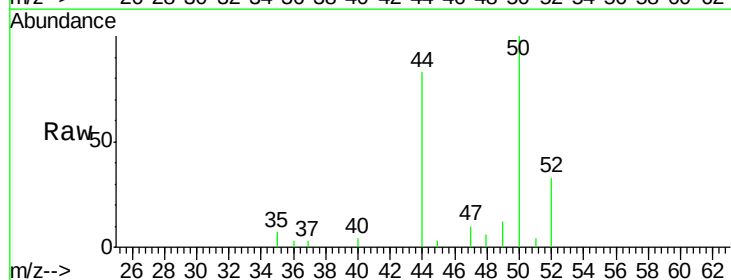
Acq: 03 Nov 2020 00:53

Tgt Ion: 50 Resp: 4003

Ion Ratio Lower Upper

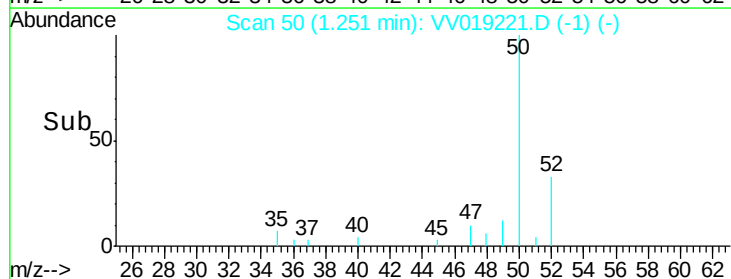
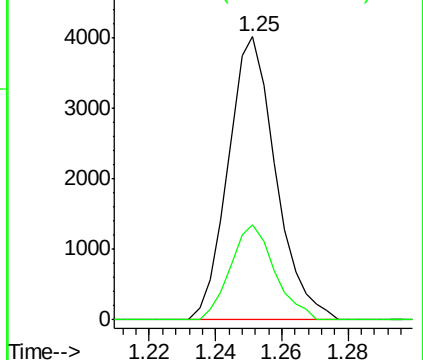
50 100

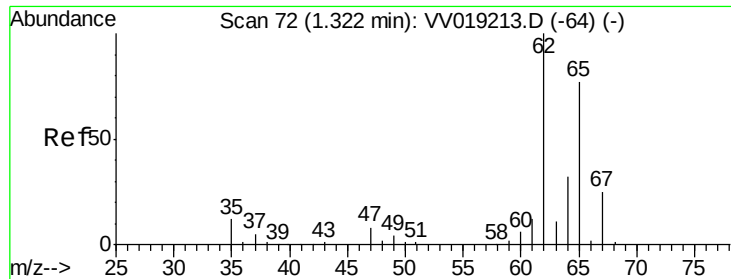
52 33.5 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0





#5

Vinyl chloride

Concen: 2.865 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV019221.D

Acq: 03 Nov 2020 00:53

Instrument :

MSVOA\_V

ClientSampleId :

MDL-ME-SOIL-02

Tot Ion: 62 Resp: 4404

Ion Ratio Lower Upper

62 100

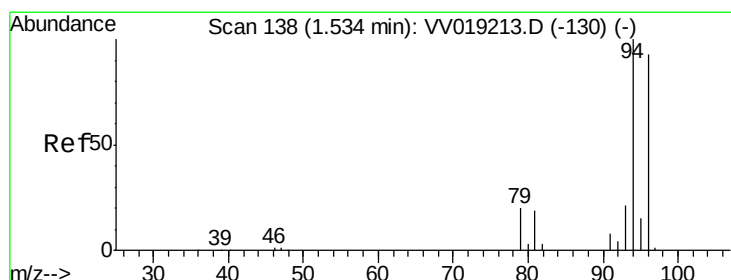
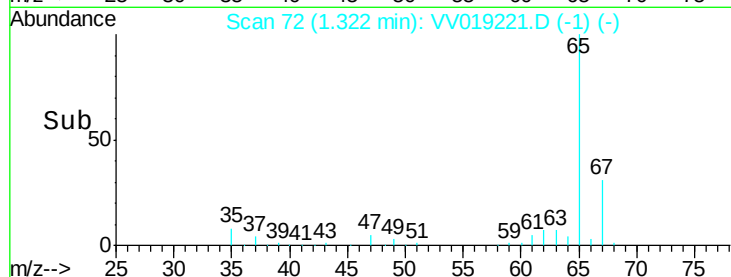
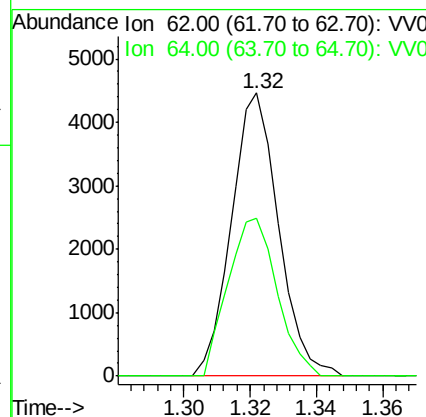
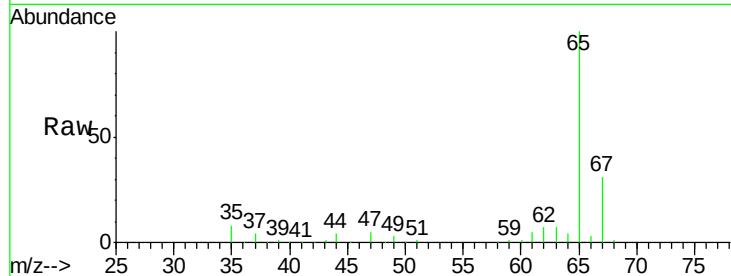
64 55.8 23.3 43.3#

Manual Integrations

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#6

Bromomethane

Concen: 2.960 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

Lab File: VV019221.D

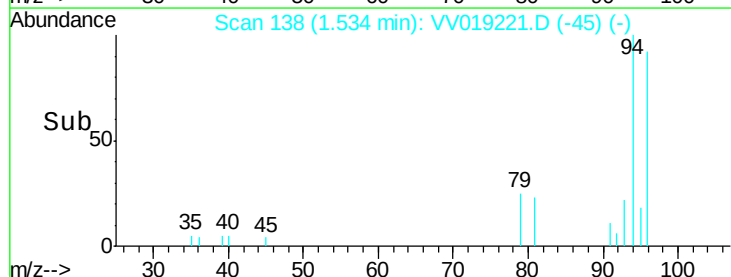
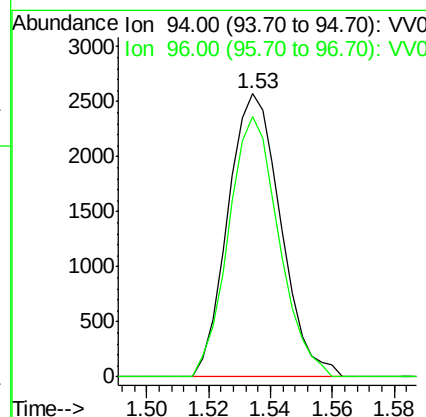
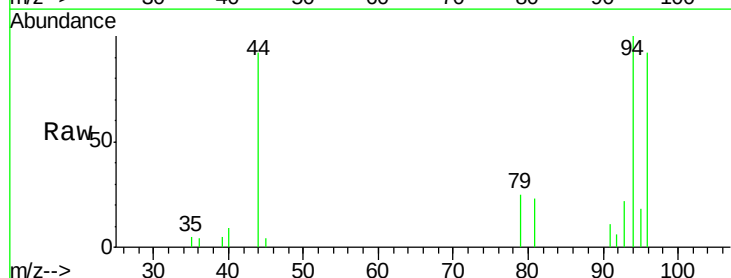
Acq: 03 Nov 2020 00:53

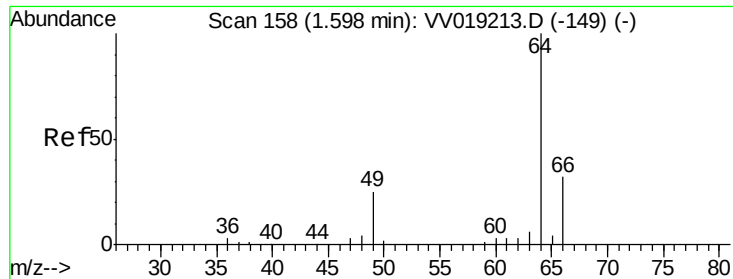
Tgt Ion: 94 Resp: 3058

Ion Ratio Lower Upper

94 100

96 92.2 66.4 123.2





#8

Chloroethane

Concen: 3.129 ug/L

RT: 1.60 min Scan# 158

Delta R.T. 0.00 min

Lab File: VV019221.D

Acq: 03 Nov 2020 00:53

Instrument :

MSVOA\_V

ClientSampleId :

MDL-ME-SOIL-02

Tot Ion: 64 Resp: 3146

Ion Ratio Lower Upper

64 100

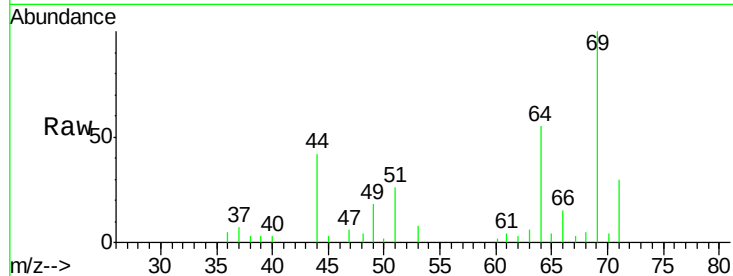
66 27.8 22.5 41.9

Manual Integrations

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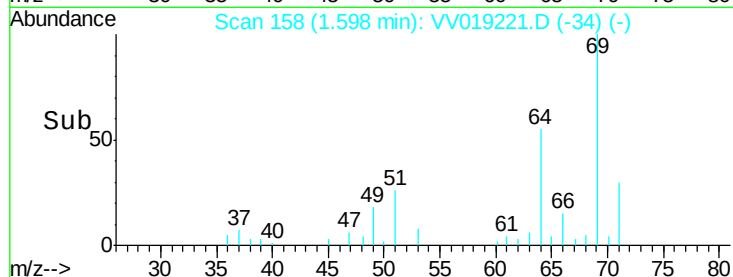
11/4/2020 10:44:58 AM



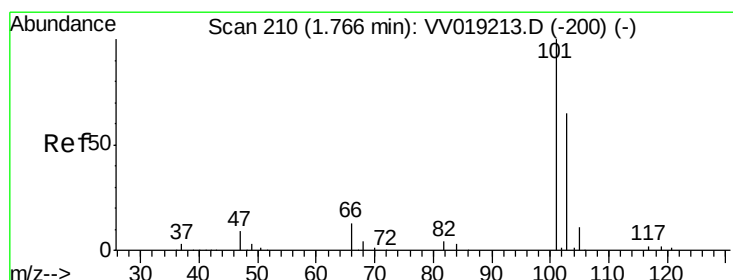
Abundance Ion 64.00 (63.70 to 64.70): VV019221.D (-149) (-)

Ion 66.00 (65.70 to 66.70): VV019221.D (-149) (-)

Time-->



Time-->



#9

Trichlorofluoromethane

Concen: 2.584 ug/L

RT: 1.77 min Scan# 210

Delta R.T. 0.00 min

Lab File: VV019221.D

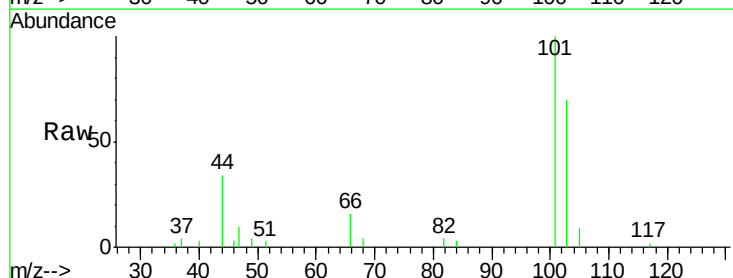
Acq: 03 Nov 2020 00:53

Tgt Ion: 101 Resp: 6575

Ion Ratio Lower Upper

101 100

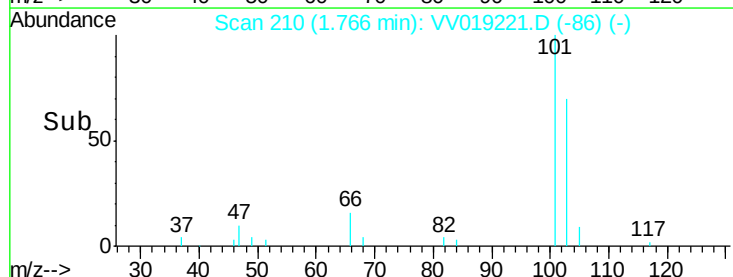
103 68.9 52.3 78.5



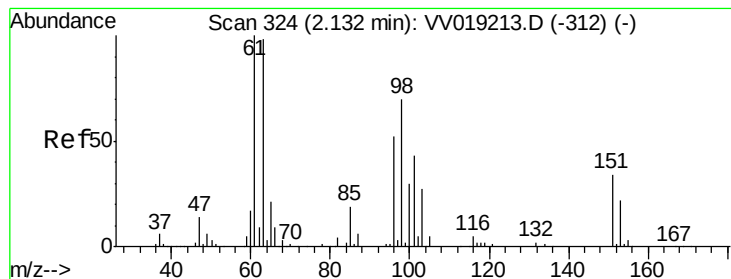
Abundance Ion 101.00 (100.70 to 101.70): VV019221.D (-86) (-)

Ion 103.00 (102.70 to 103.70): VV019221.D (-86) (-)

Time-->



Time-->



#10

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

Concen: 3.554 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV019221.D

Acq: 03 Nov 2020 00:53

Instrument :

MSVOA\_V

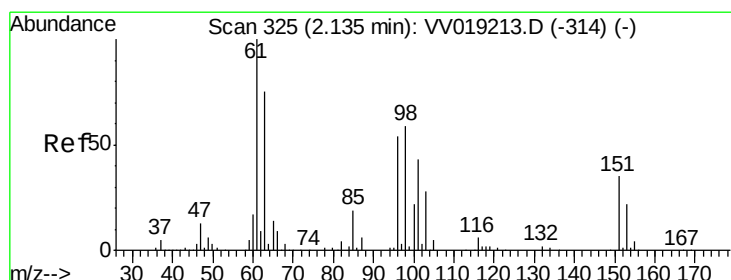
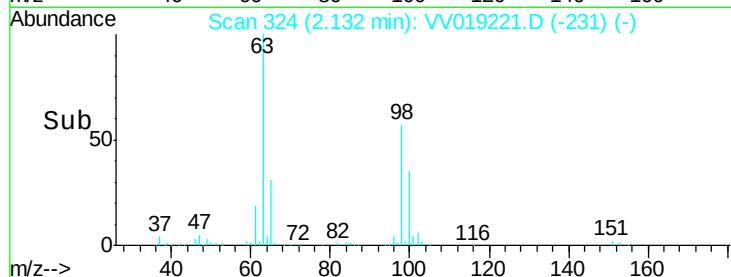
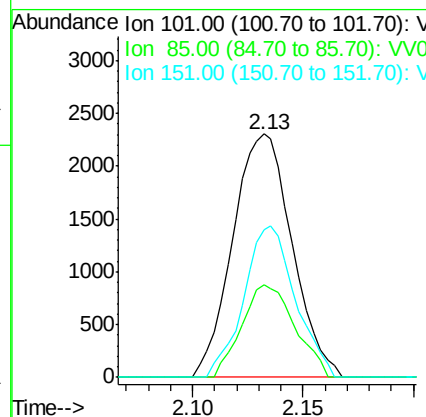
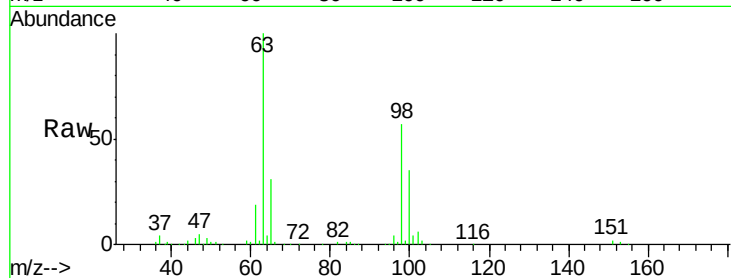
ClientSampleId :

MDL-ME-SOIL-02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 4298  |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 33.9  | 35.6  | 53.4# |
| 151       | 54.0  | 64.1  | 96.1# |

Manual Integrations  
APPROVED

MMDadoda  
11/4/2020 10:44:58 AM



#12

1,1-Dichloroethene

Concen: 3.262 ug/L

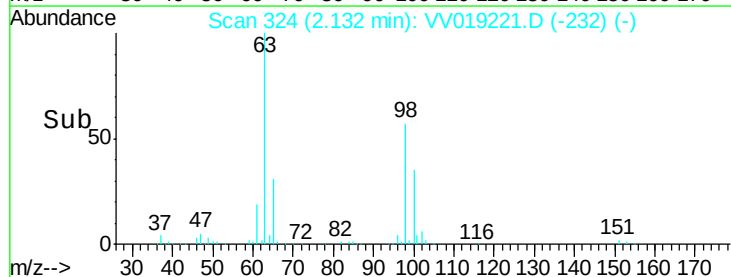
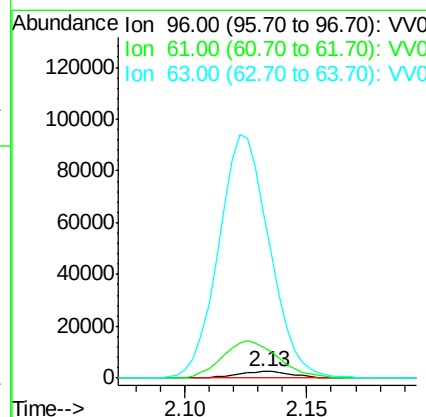
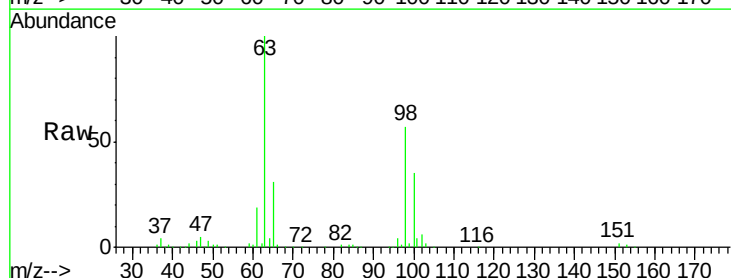
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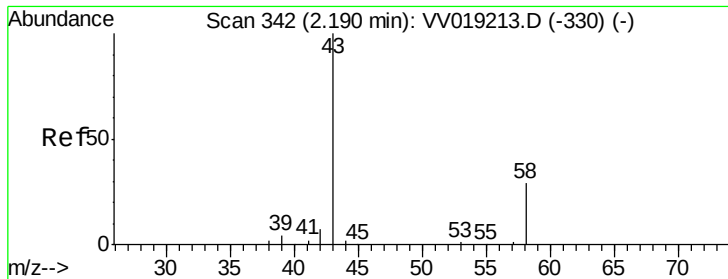
Delta R.T. -0.00 min

Lab File: VV019221.D

Acq: 03 Nov 2020 00:53

|           |        |       |        |
|-----------|--------|-------|--------|
| Tgt Ion:  | 96     | Resp: | 4077   |
| Ion Ratio | Lower  | Upper |        |
| 96        | 100    |       |        |
| 61        | 489.8  | 133.6 | 248.0# |
| 63        | 2626.5 | 103.0 | 191.2# |





#13

Acetone

Concen: 5.858 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV019221.D

Acq: 03 Nov 2020 00:53

Tot Ion: 43 Resp: 4389

Ion Ratio Lower Upper

43 100

58 25.6 0.0 57.8

Instrument :

MSVOA\_V

ClientSampleId :

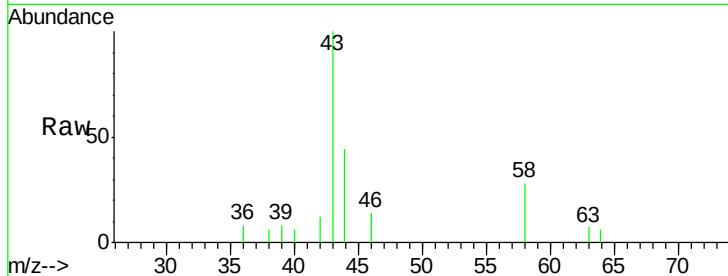
MDL-ME-SOIL-02

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11/4/2020 10:44:58 AM



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2000

1500

1000

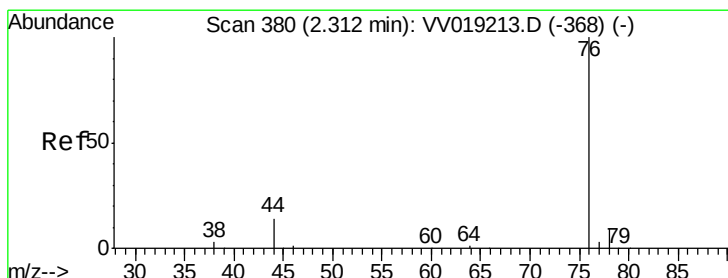
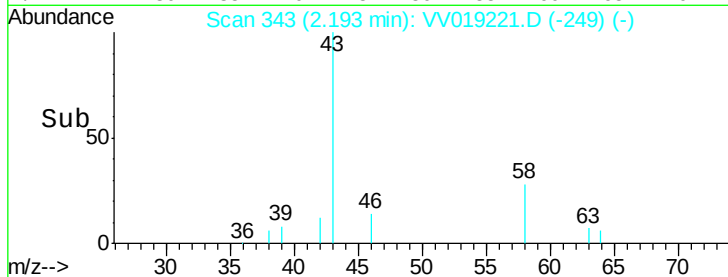
500

0

Time-->

2.15 2.20 2.25

2.19



#14

Carbon disulfide

Concen: 2.679 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV019221.D

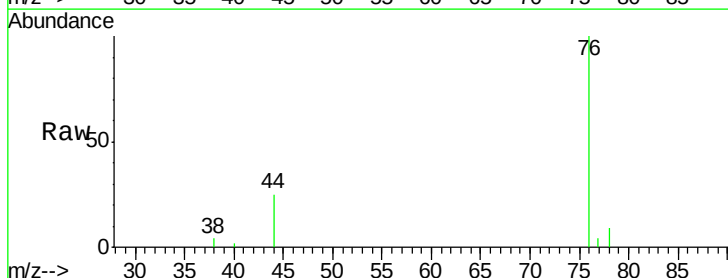
Acq: 03 Nov 2020 00:53

Tgt Ion: 76 Resp: 9614

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VV0

Ion 78.00 (77.70 to 78.70): VV0

6000

4000

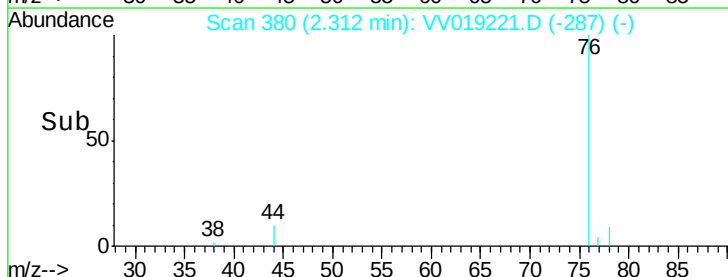
2000

0

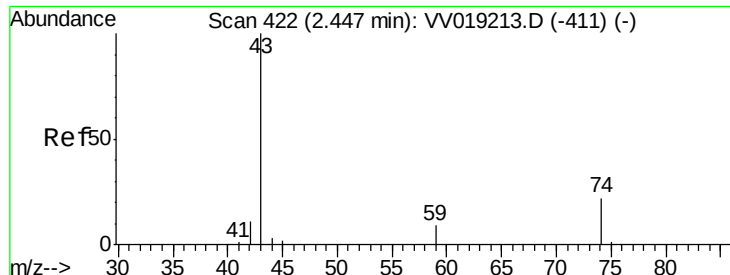
Time-->

2.25 2.30 2.35

2.31







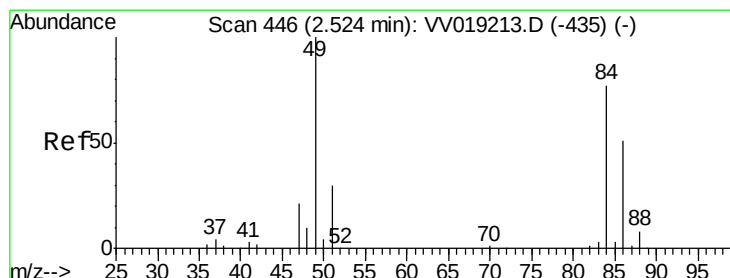
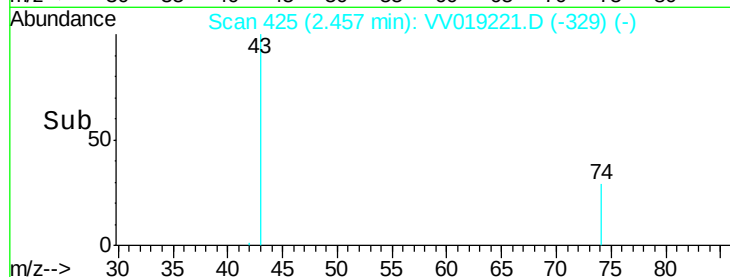
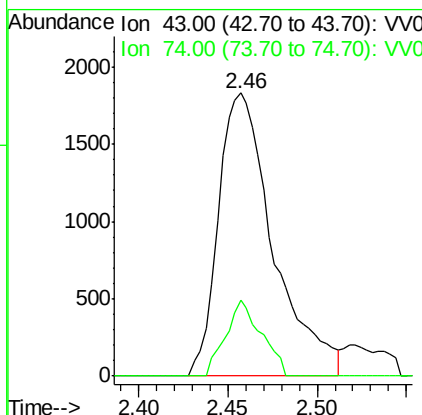
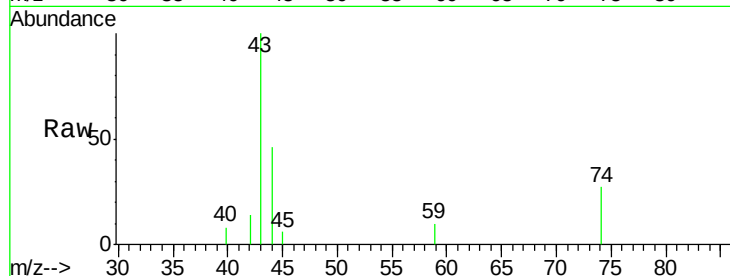
#15  
Methyl Acetate  
Concen: 2.696 ug/L  
RT: 2.46 min Scan# 425  
Delta R.T. 0.01 min  
Lab File: VV019221.D  
Acq: 03 Nov 2020 00:53

Instrument :  
MSVOA\_V  
ClientSampleId :  
MDL-ME-SOIL-02

Tot Ion: 43 Resp: 3914  
Ion Ratio Lower Upper  
43 100  
74 17.5 18.8 28.2#

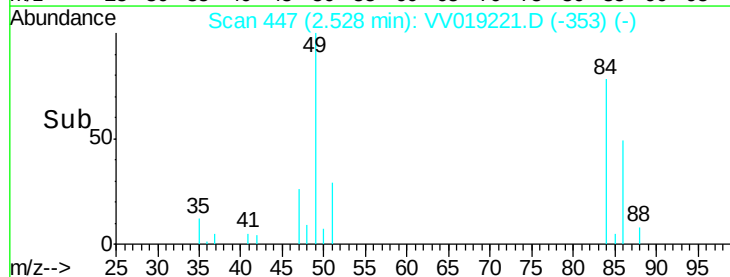
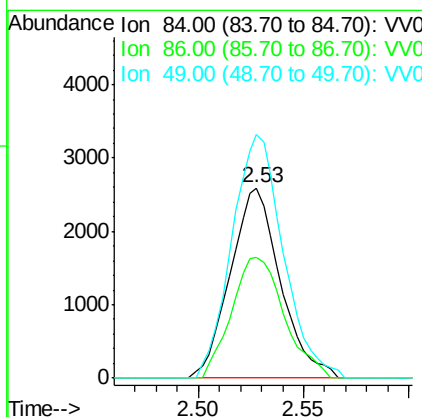
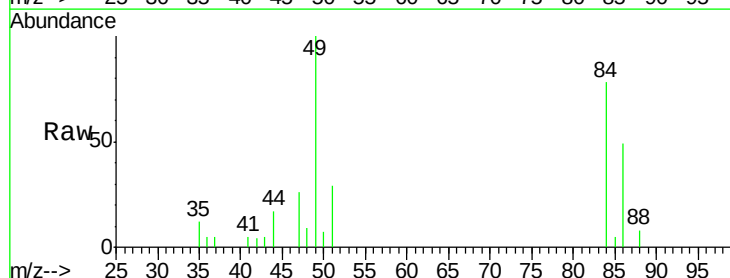
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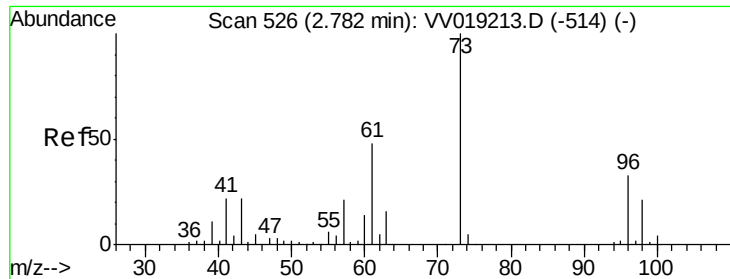
MMDadoda  
11/4/2020 10:44:58 AM



#16  
Methylene chloride  
Concen: 2.879 ug/L  
RT: 2.53 min Scan# 447  
Delta R.T. 0.00 min  
Lab File: VV019221.D  
Acq: 03 Nov 2020 00:53

Tgt Ion: 84 Resp: 4278  
Ion Ratio Lower Upper  
84 100  
86 63.2 45.6 84.8  
49 128.0 89.3 165.9





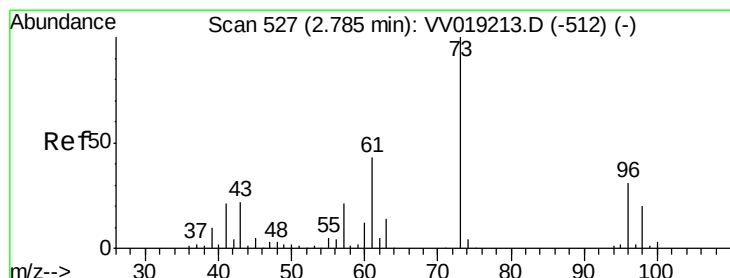
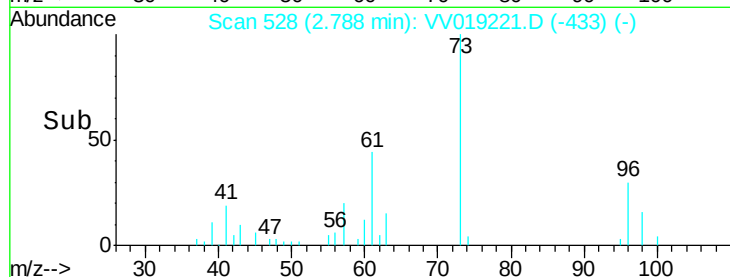
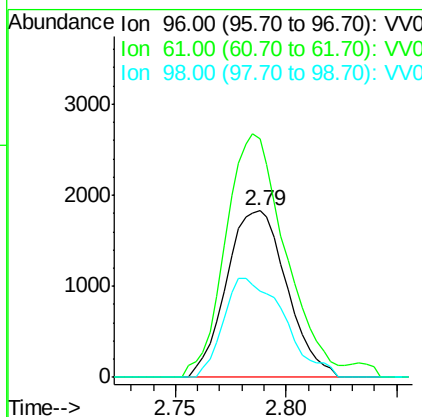
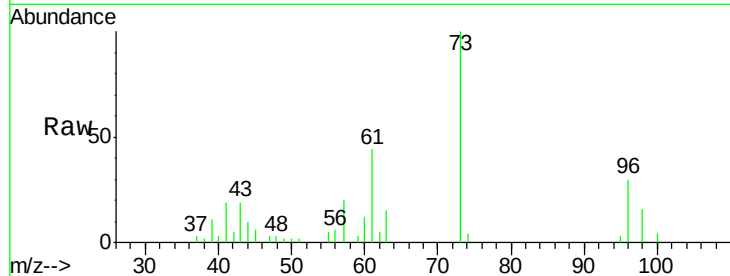
#17  
trans-1,2-Dichloroethene  
Concen: 2.567 ug/L  
RT: 2.79 min Scan# 528  
Delta R.T. 0.01 min  
Lab File: VV019221.D  
Acq: 03 Nov 2020 00:53

Instrument :  
MSVOA\_V  
ClientSampleId :  
MDL-ME-SOIL-02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 143.1 | 100.7 | 187.1 |
| 98      | 52.0  | 42.9  | 79.7  |

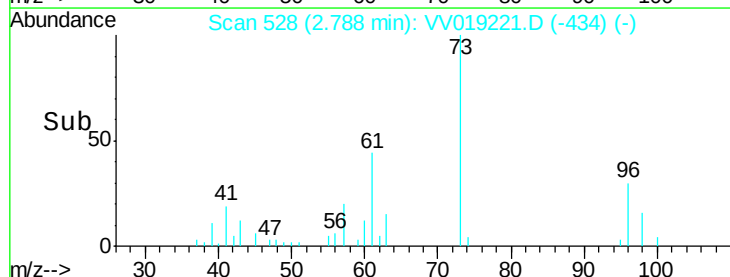
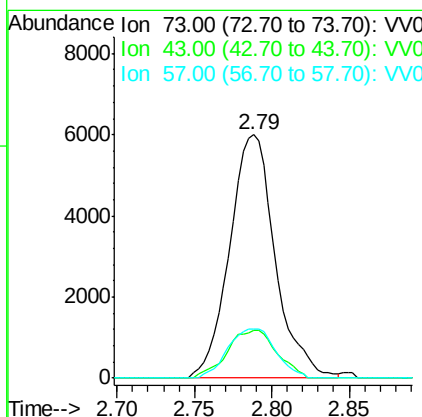
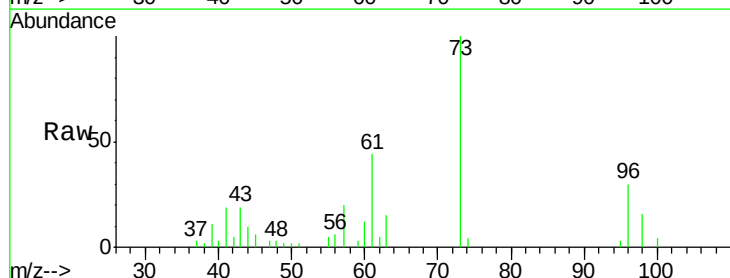
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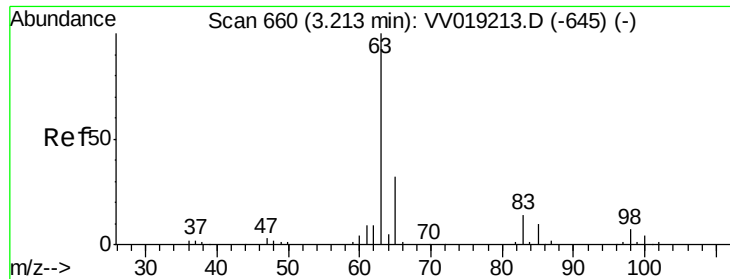
MMDadoda  
11/4/2020 10:44:58 AM



#18  
Methyl tert-butyl Ether  
Concen: 2.580 ug/L  
RT: 2.79 min Scan# 528  
Delta R.T. 0.00 min  
Lab File: VV019221.D  
Acq: 03 Nov 2020 00:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 43      | 21.3  | 17.9  | 26.9  |
| 57      | 21.3  | 17.1  | 25.7  |





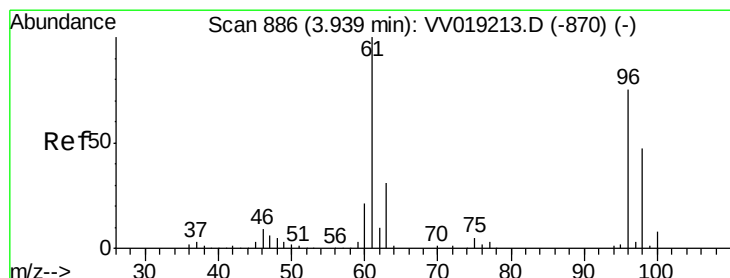
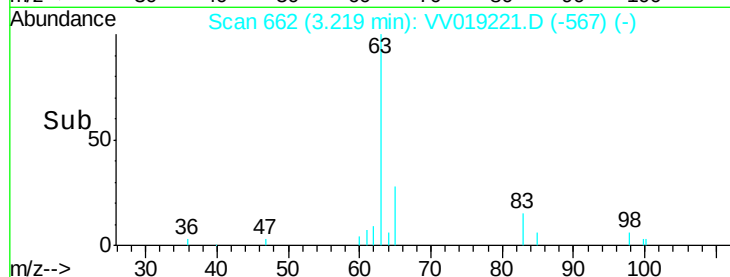
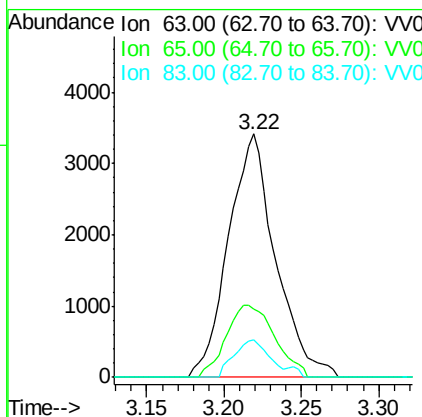
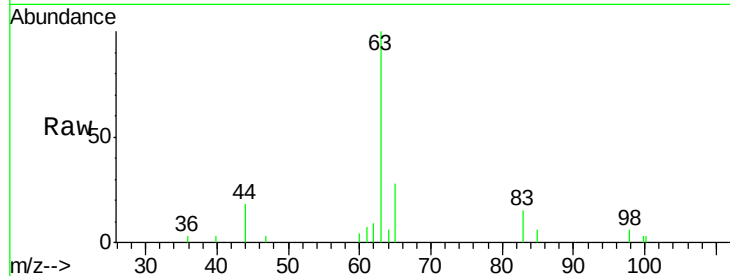
#19  
 1,1-Dichloroethane  
 Concen: 2.722 ug/L  
 RT: 3.22 min Scan# 662  
 Delta R.T. 0.01 min  
 Lab File: VV019221.D  
 Acq: 03 Nov 2020 00:53

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MDL-ME-SOIL-02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 63    | Resp: | 7231  |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 65       | 28.1  | 21.8  | 40.6  |
| 83       | 15.3  | 9.5   | 17.7  |

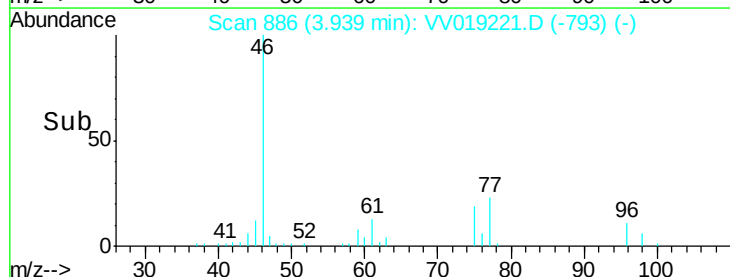
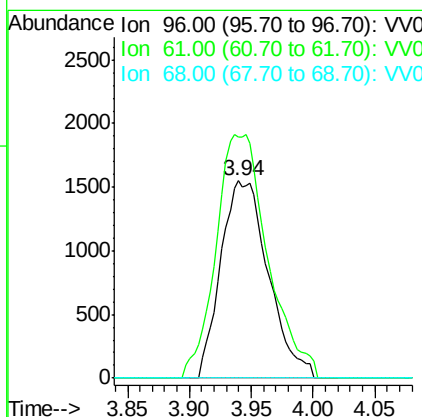
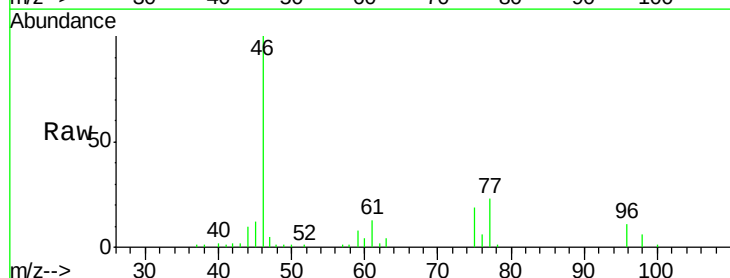
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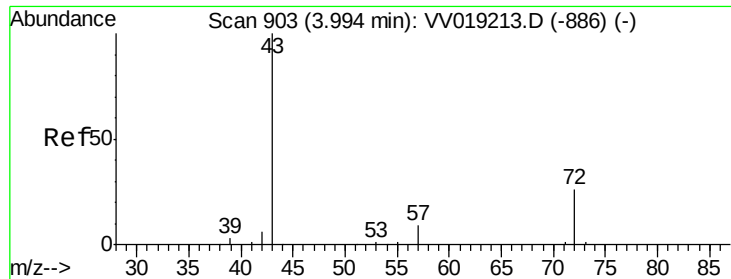
MMDadoda  
 11/4/2020 10:44:58 AM



#20  
 cis-1,2-Dichloroethene  
 Concen: 2.762 ug/L m  
 RT: 3.94 min Scan# 886  
 Delta R.T. 0.00 min  
 Lab File: VV019221.D  
 Acq: 03 Nov 2020 00:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 4138  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 122.0 | 95.6  | 177.6 |
| 68       | 0.0   | 0.0   | 0.0   |





#22

2-Butanone

Concen: 5.587 ug/L m

RT: 4.02 min Scan# 911

Delta R.T. 0.03 min

Lab File: VV019221.D

Acq: 03 Nov 2020 00:53

Instrument :

MSVOA\_V

ClientSampleId :

MDL-ME-SOIL-02

Tot Ion: 43 Resp: 5313

Ion Ratio Lower Upper

43 100

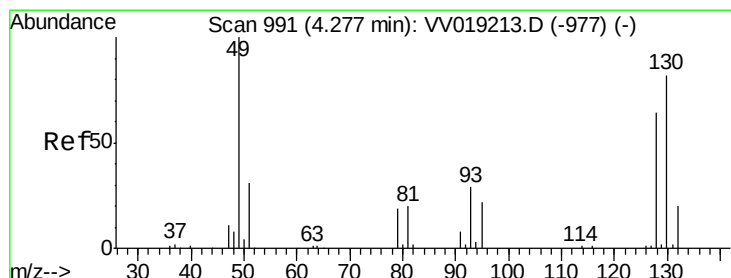
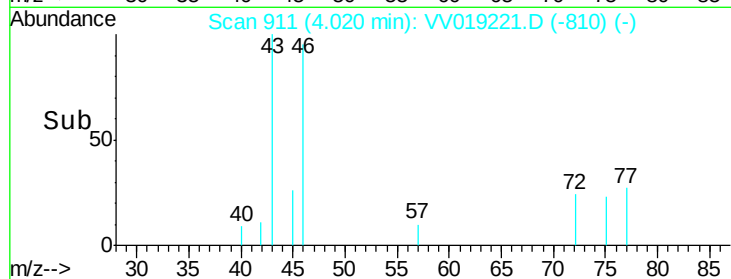
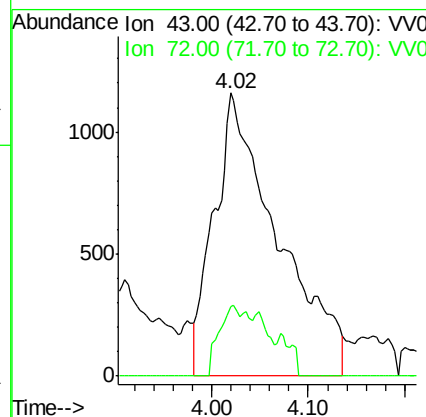
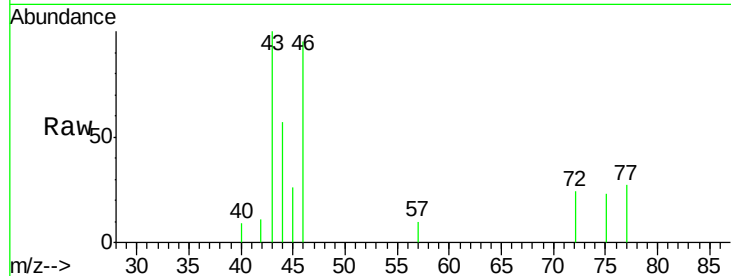
72 8.0 12.7 38.0#

Manual Integrations

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MMDadoda

11/4/2020 10:44:58 AM



#23

Bromochloromethane

Concen: 2.482 ug/L

RT: 4.28 min Scan# 993

Delta R.T. 0.01 min

Lab File: VV019221.D

Acq: 03 Nov 2020 00:53

Tgt Ion: 128 Resp: 2048

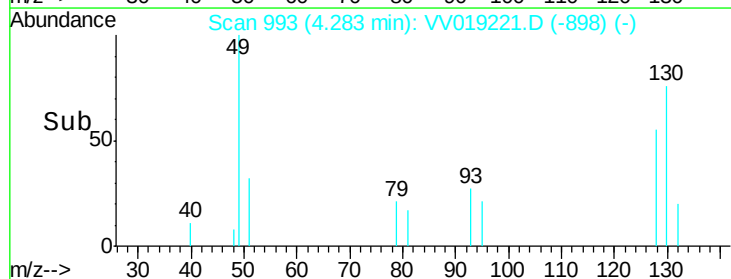
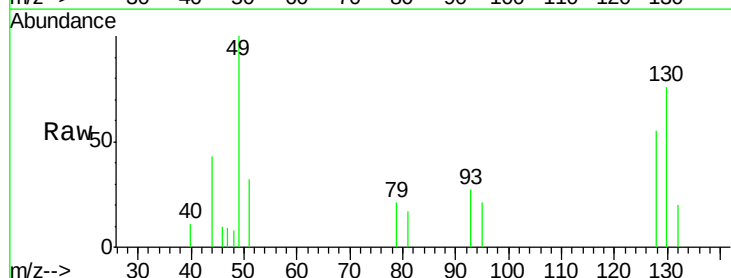
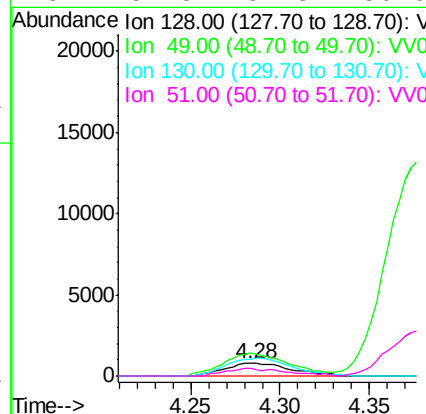
Ion Ratio Lower Upper

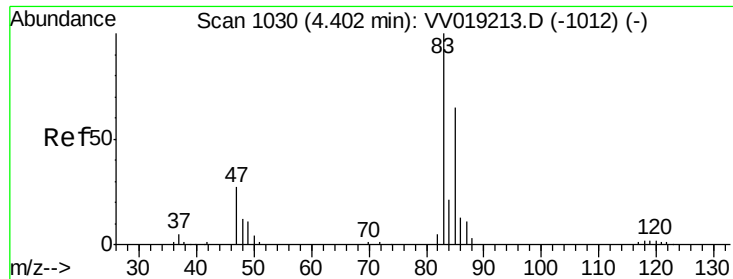
128 100

49 180.3 108.8 202.2

130 136.3 88.5 164.3

51 57.8 37.8 56.6#





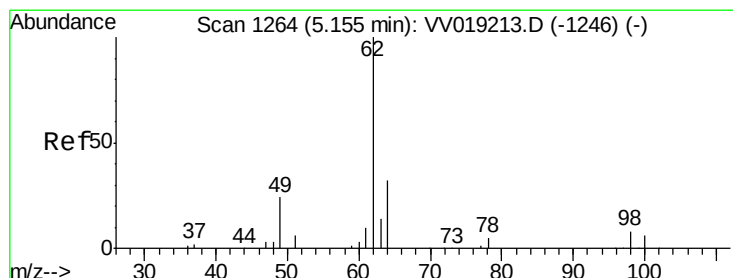
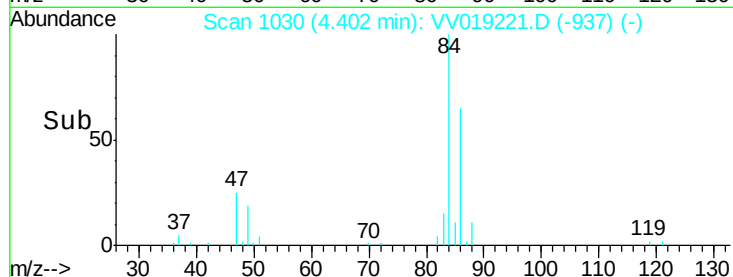
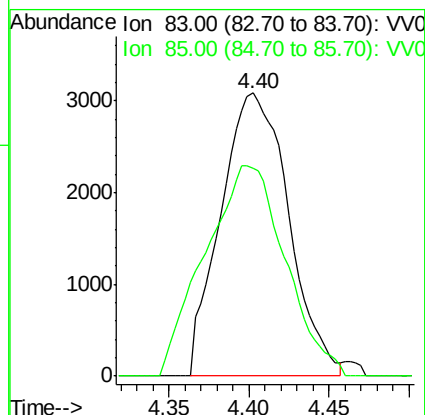
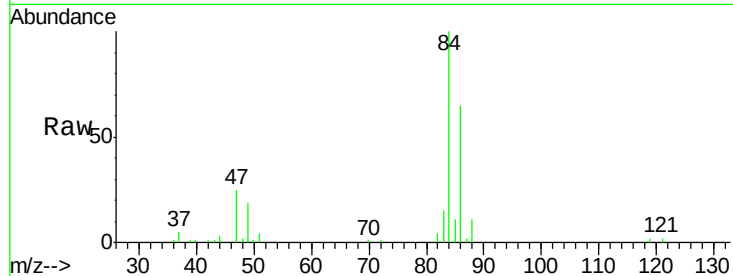
#25  
Chloroform  
Concen: 3.159 ug/L  
RT: 4.40 min Scan# 1030  
Delta R.T. 0.00 min  
Lab File: VV019221.D  
Acq: 03 Nov 2020 00:53

Instrument :  
MSVOA\_V  
ClientSampleId :  
MDL-ME-SOIL-02

Tot Ion: 83 Resp: 8998  
Ion Ratio Lower Upper  
83 100  
85 73.4 45.4 84.4

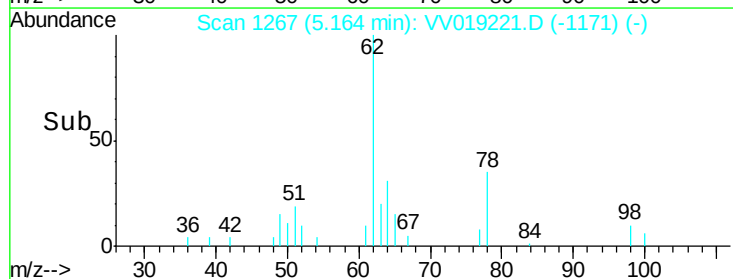
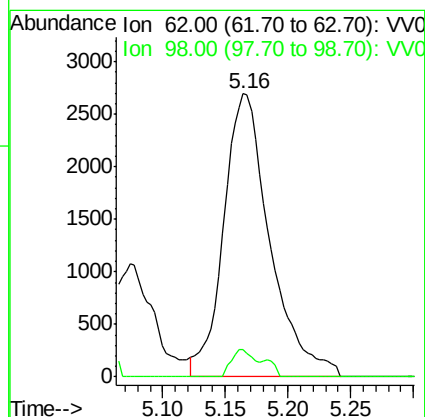
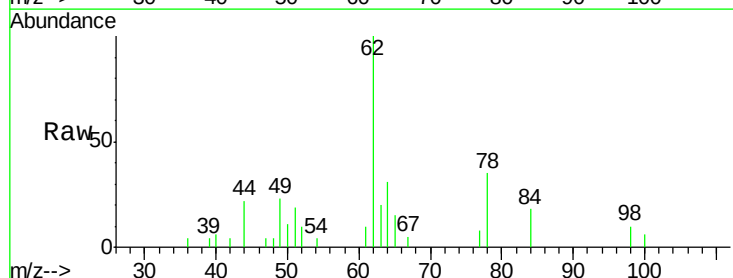
Manual Integrations  
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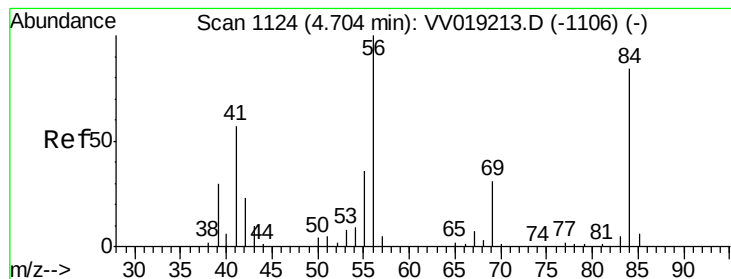
MMDadoda  
11/4/2020 10:44:58 AM



#27  
1,2-Dichloroethane  
Concen: 2.852 ug/L  
RT: 5.16 min Scan# 1267  
Delta R.T. 0.01 min  
Lab File: VV019221.D  
Acq: 03 Nov 2020 00:53

Tgt Ion: 62 Resp: 6904  
Ion Ratio Lower Upper  
62 100  
98 9.5 6.8 10.2





#29

Cyclohexane

Concen: 2.422 ug/L

RT: 4.71 min Scan# 1125

Delta R.T. 0.00 min

Lab File: VV019221.D

Acq: 03 Nov 2020 00:53

Instrument :

MSVOA\_V

ClientSampleId :

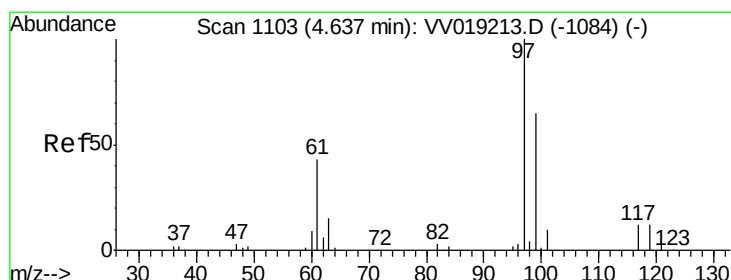
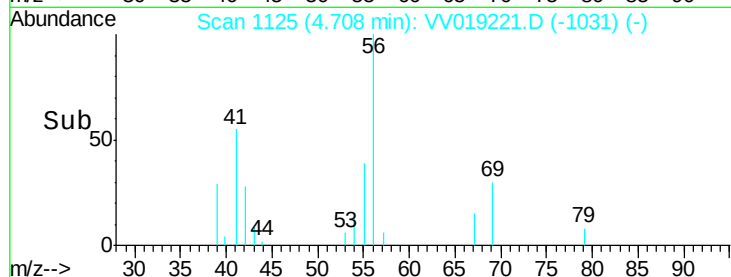
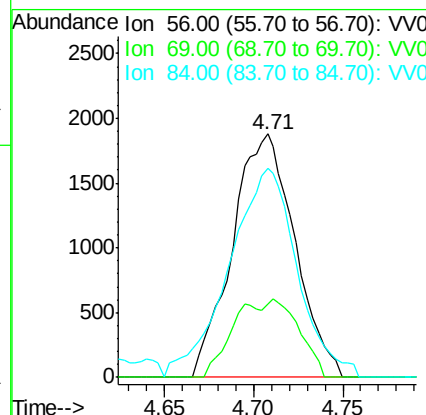
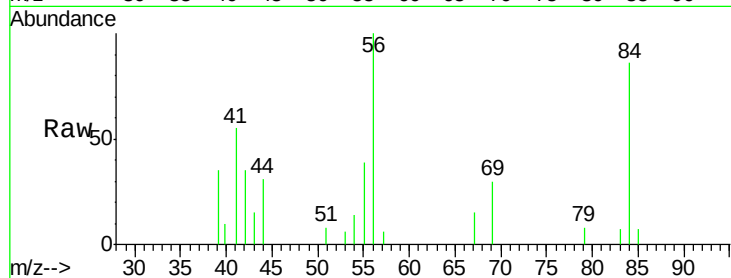
MDL-ME-SOIL-02

Tot Ion: 56 Resp: 4582

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 16.0  | 24.6  | 36.8# |
| 84  | 93.5  | 70.5  | 105.7 |

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MMDadoda  
11/4/2020 10:44:58 AM



#30

1,1,1-Trichloroethane

Concen: 2.429 ug/L

RT: 4.63 min Scan# 1102

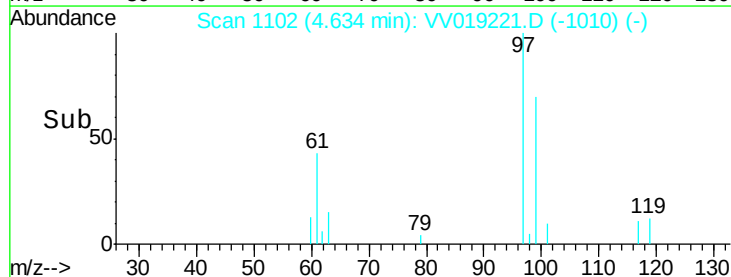
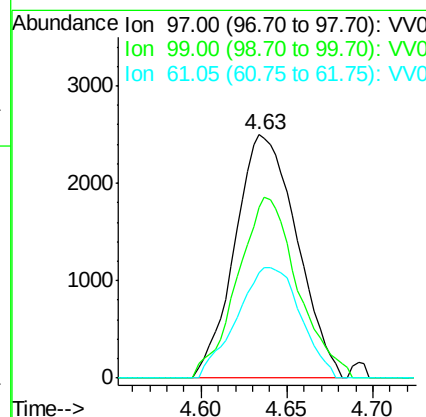
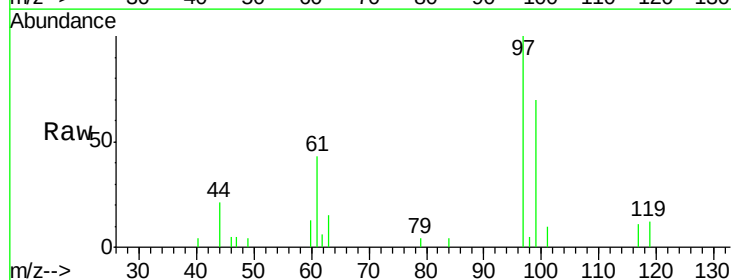
Delta R.T. -0.00 min

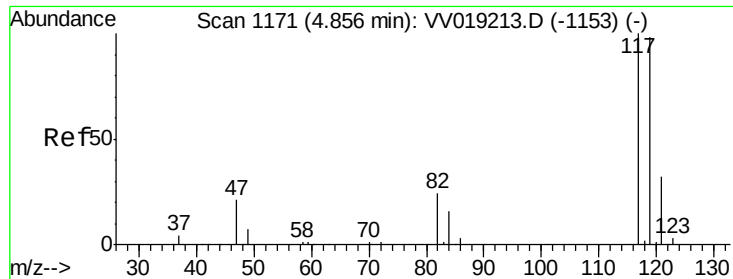
Lab File: VV019221.D

Acq: 03 Nov 2020 00:53

Tgt Ion: 97 Resp: 6228

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 72.3  | 52.0  | 78.0  |
| 61  | 46.6  | 35.3  | 52.9  |





#31

Carbon tetrachloride

Concen: 2.439 ug/L

RT: 4.86 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VV019221.D

Acq: 03 Nov 2020 00:53

Instrument :

MSVOA\_V

ClientSampleId :

MDL-ME-SOIL-02

Tot Ion:117 Resp: 5398

Ion Ratio Lower Upper

117 100

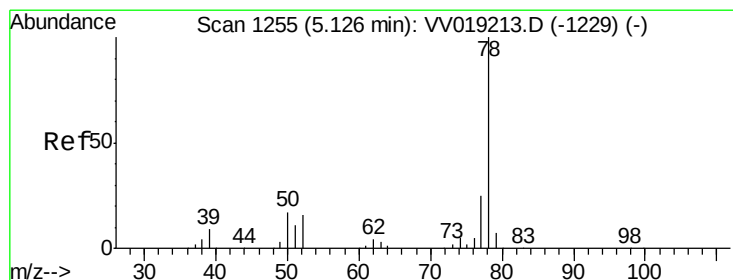
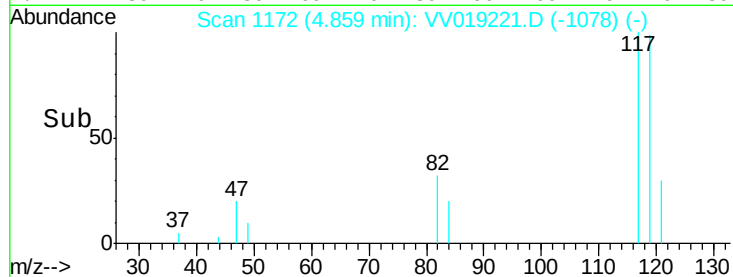
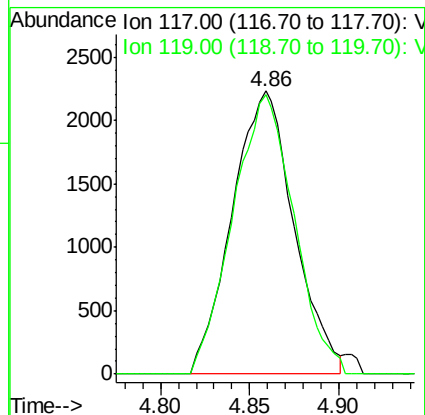
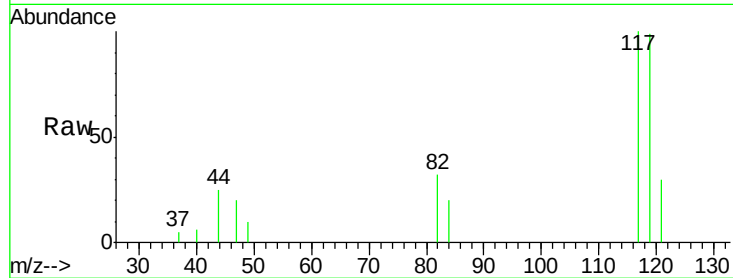
119 97.6 77.8 116.6

Manual Integrations

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MMDadoda

11/4/2020 10:44:58 AM



#33

Benzene

Concen: 2.582 ug/L

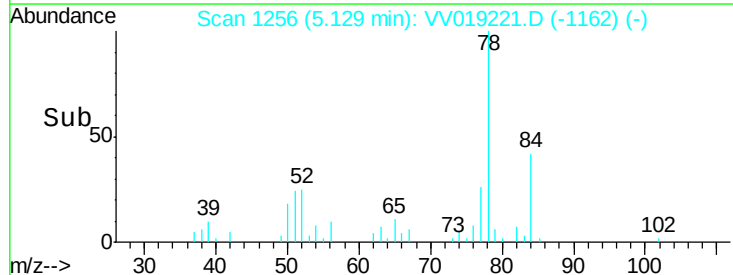
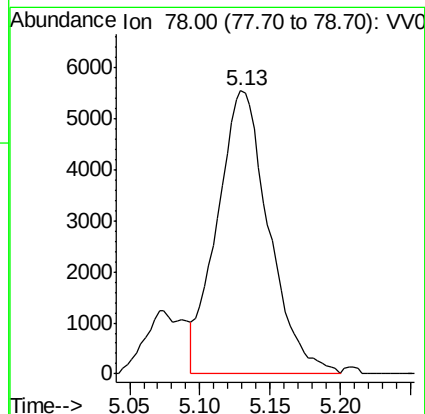
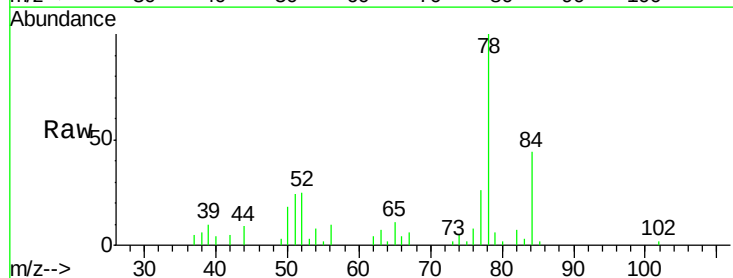
RT: 5.13 min Scan# 1256

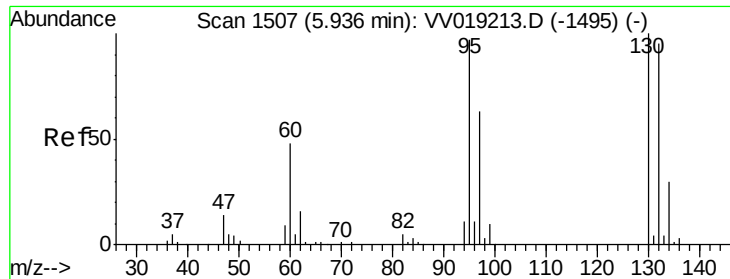
Delta R.T. 0.00 min

Lab File: VV019221.D

Acq: 03 Nov 2020 00:53

Tgt Ion: 78 Resp: 14186





#34

Trichloroethene

Concen: 2.693 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV019221.D

Acq: 03 Nov 2020 00:53

Instrument :

MSVOA\_V

ClientSampleId :

MDL-ME-SOIL-02

Tot Ion: 95 Resp: 4021

Ion Ratio Lower Upper

95 100

97 63.9 45.4 84.4

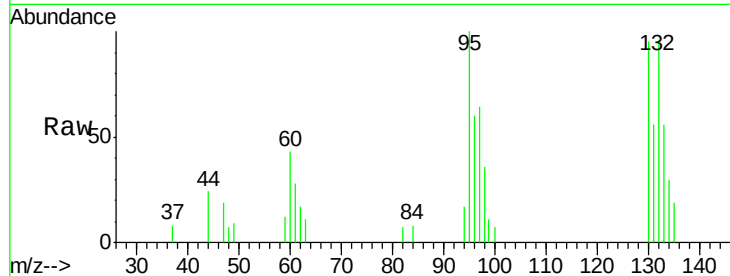
132 95.8 68.5 127.3

130 94.8 72.0 133.6

Manual Integrations  
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11/4/2020 10:44:58 AM



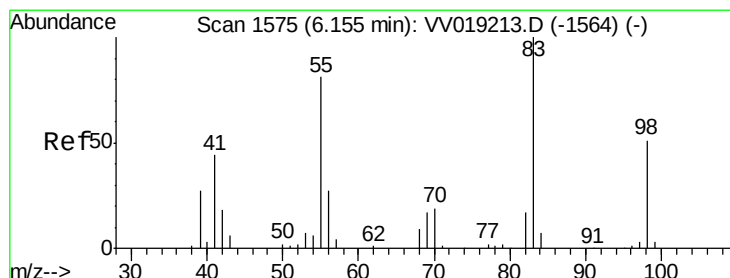
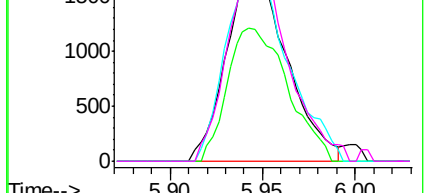
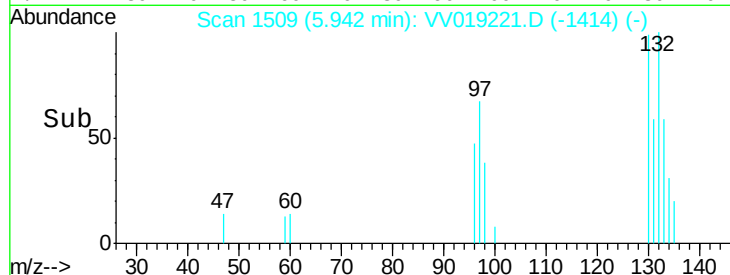
Abundance Ion 95.00 (94.70 to 95.70): VV019221.D (-1495) (-)

Ion 97.00 (96.70 to 97.70): VV019221.D (-1495) (-)

Ion 132.00 (131.70 to 132.70): VV019221.D (-1495) (-)

Ion 130.00 (129.70 to 130.70): VV019221.D (-1495) (-)

Time-->



#35

Methylcyclohexane

Concen: 2.325 ug/L

RT: 6.15 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VV019221.D

Acq: 03 Nov 2020 00:53

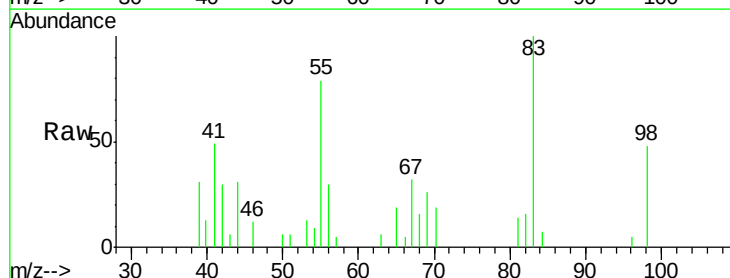
Tgt Ion: 83 Resp: 4201

Ion Ratio Lower Upper

83 100

55 83.6 62.8 94.2

98 48.0 38.6 58.0

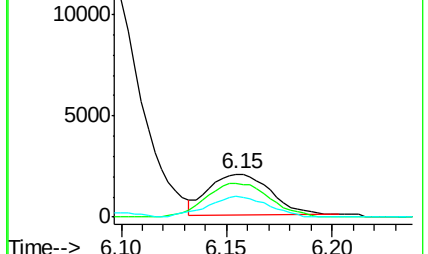
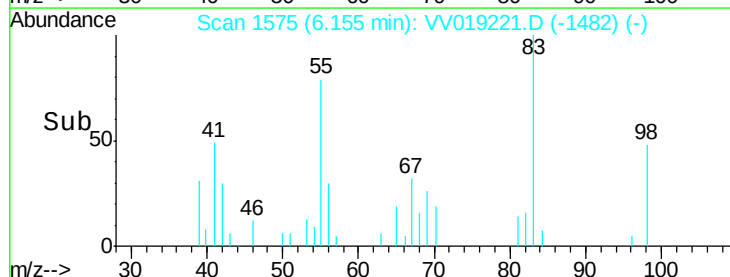


Abundance Ion 83.00 (82.70 to 83.70): VV019221.D (-1564) (-)

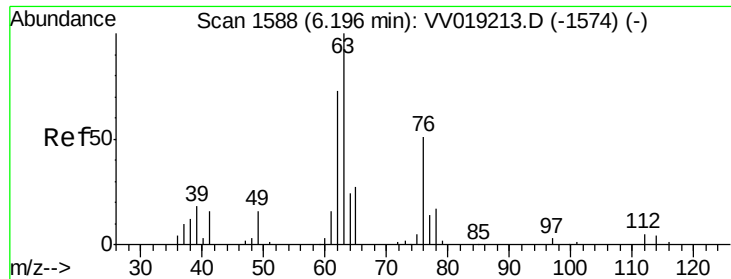
Ion 55.00 (54.70 to 55.70): VV019221.D (-1564) (-)

Ion 98.00 (97.70 to 98.70): VV019221.D (-1564) (-)

Time-->







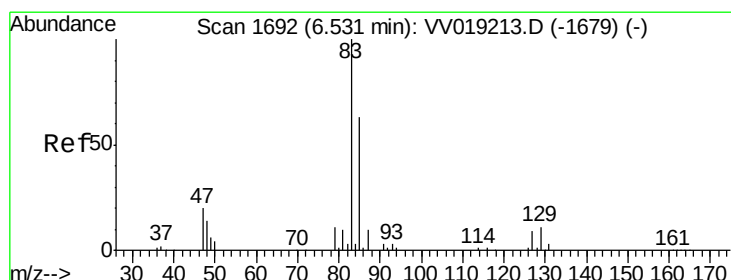
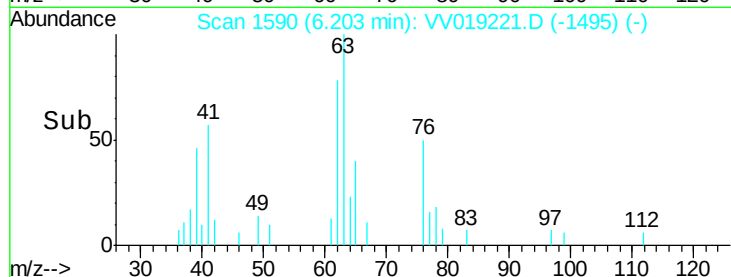
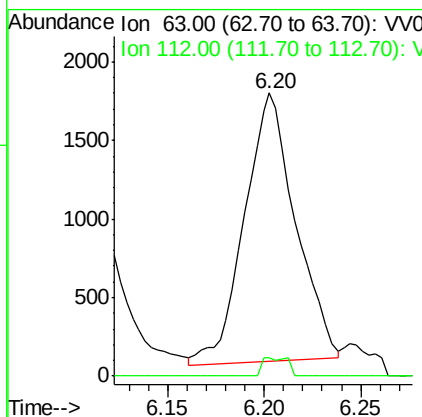
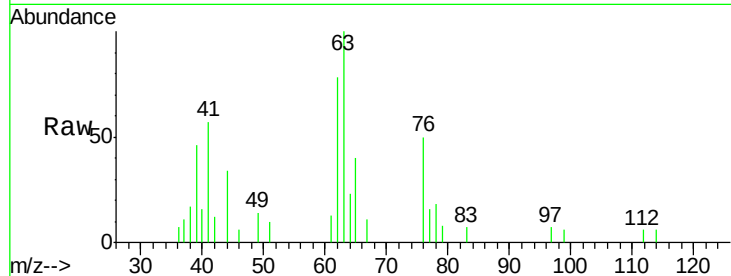
#37  
 1,2-Dichloropropane  
 Concen: 2.131 ug/L  
 RT: 6.20 min Scan# 1590  
 Delta R.T. 0.01 min  
 Lab File: VV019221.D  
 Acq: 03 Nov 2020 00:53

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MDL-ME-SOIL-02

Tot Ion: 63 Resp: 3124  
 Ion Ratio Lower Upper  
 63 100  
 112 2.1 4.2 6.2#

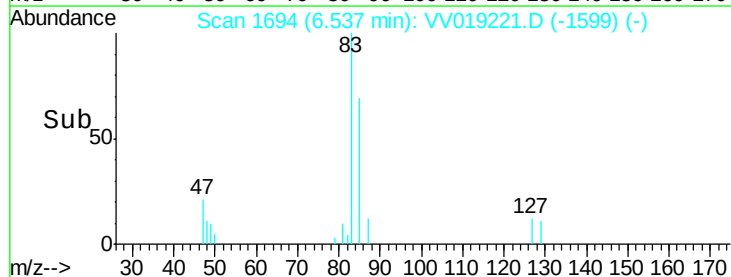
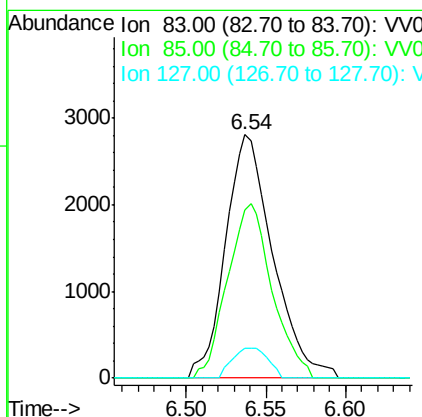
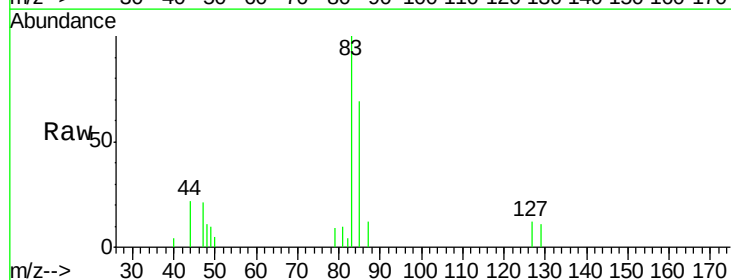
Manual Integrations  
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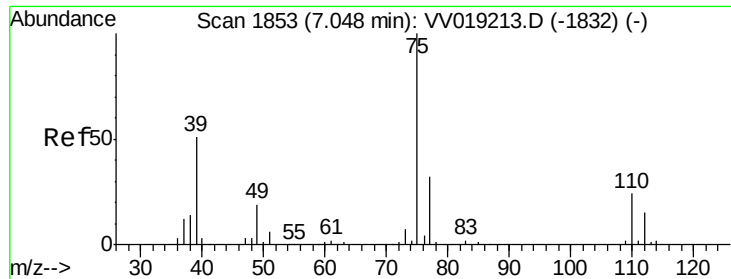
MMDadoda  
 11/4/2020 10:44:58 AM



#38  
 Bromodichloromethane  
 Concen: 2.691 ug/L  
 RT: 6.54 min Scan# 1694  
 Delta R.T. 0.01 min  
 Lab File: VV019221.D  
 Acq: 03 Nov 2020 00:53

Tgt Ion: 83 Resp: 5678  
 Ion Ratio Lower Upper  
 83 100  
 85 68.9 44.0 81.8  
 127 12.2 7.3 10.9#





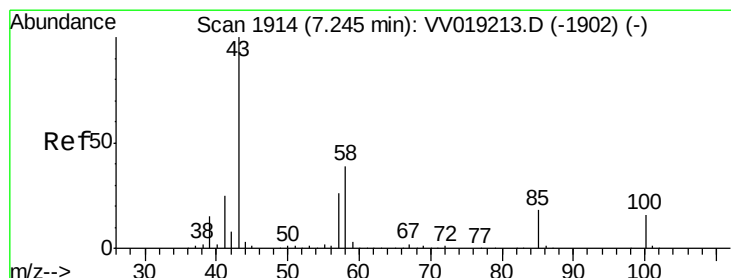
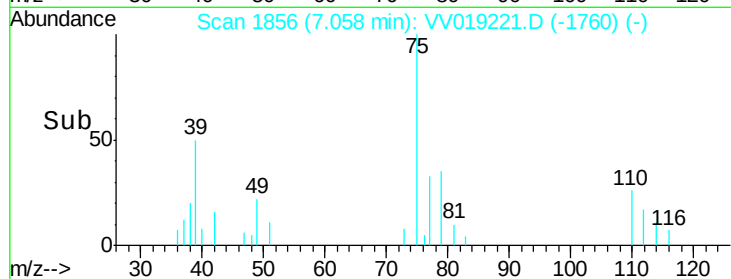
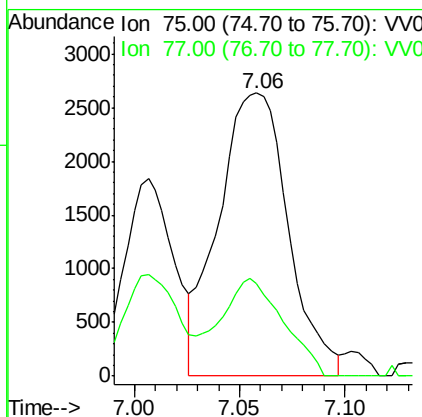
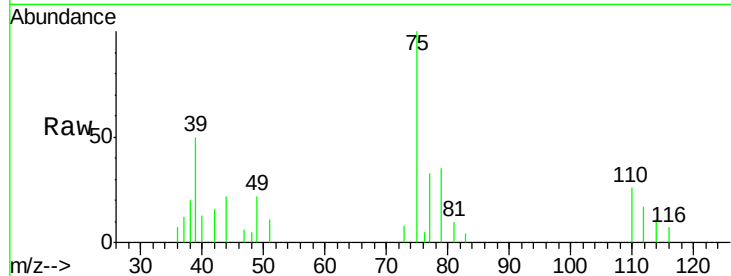
#39  
 cis-1,3-Dichloropropene  
 Concen: 2.579 ug/L  
 RT: 7.06 min Scan# 1856  
 Delta R.T. 0.01 min  
 Lab File: VV019221.D  
 Acq: 03 Nov 2020 00:53

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MDL-ME-SOIL-02

Tot Ion: 75 Resp: 6049  
 Ion Ratio Lower Upper  
 75 100  
 77 32.6 22.2 41.2

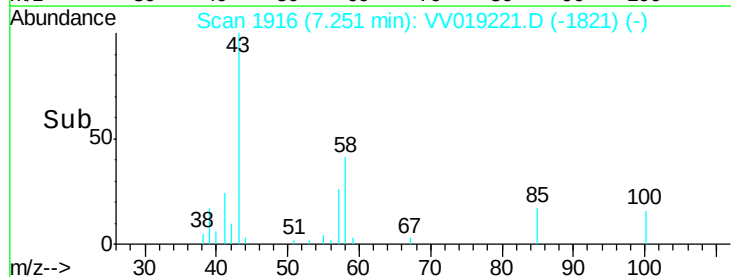
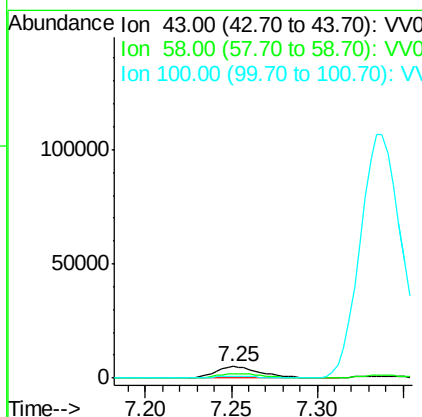
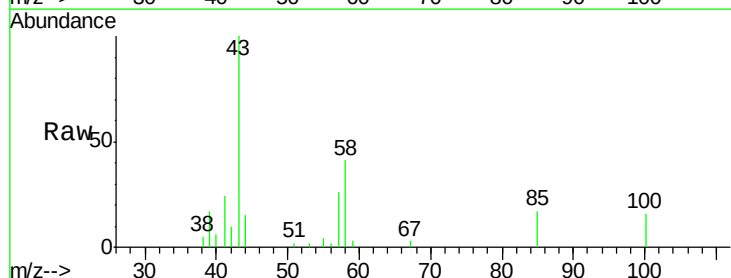
Manual Integrations  
 APPROVED

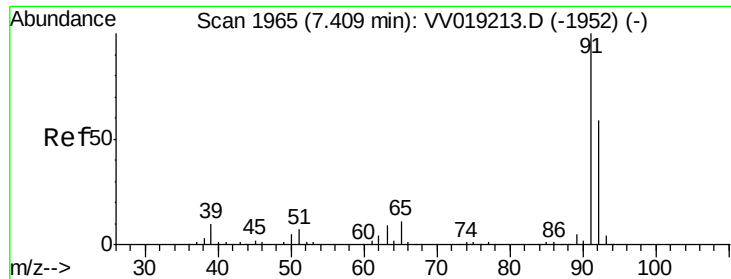
MMDadoda  
 11/4/2020 10:44:58 AM



#40  
 4-Methyl-2-pentanone  
 Concen: 4.750 ug/L  
 RT: 7.25 min Scan# 1916  
 Delta R.T. 0.01 min  
 Lab File: VV019221.D  
 Acq: 03 Nov 2020 00:53

Tgt Ion: 43 Resp: 9356  
 Ion Ratio Lower Upper  
 43 100  
 58 38.7 30.5 45.7  
 100 15.4 12.7 19.1





#42

Toluene

Concen: 2.917 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV019221.D

Acq: 03 Nov 2020 00:53

Instrument :

MSVOA\_V

ClientSampleId :

MDL-ME-SOIL-02

Tot Ion: 91 Resp: 17320

Ion Ratio Lower Upper

91 100

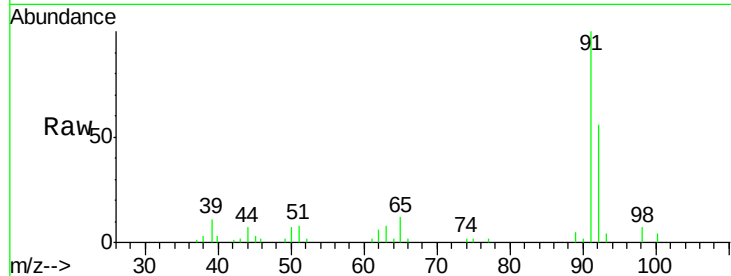
92 56.2 40.6 75.4

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

7.41

10000

8000

6000

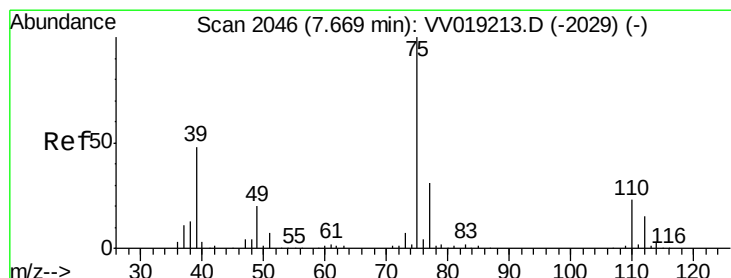
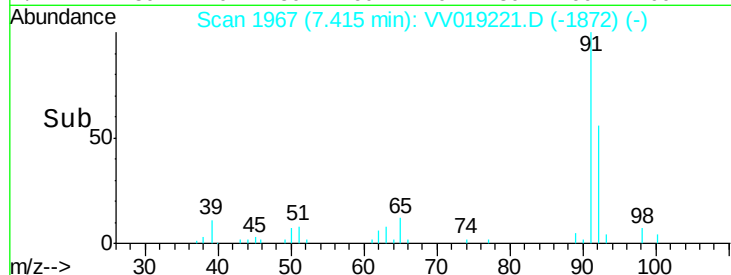
4000

2000

0

7.35 7.40 7.45 7.50

Time-->



#44

trans-1,3-Dichloropropene

Concen: 2.628 ug/L

RT: 7.68 min Scan# 2048

Delta R.T. 0.01 min

Lab File: VV019221.D

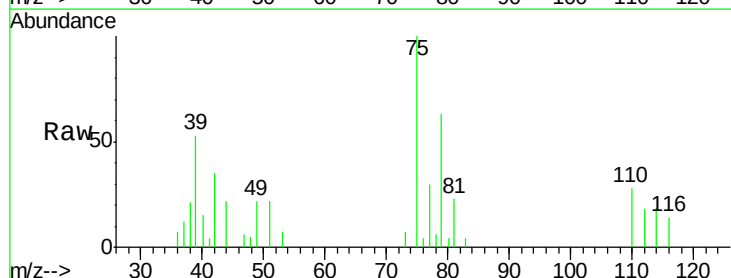
Acq: 03 Nov 2020 00:53

Tgt Ion: 75 Resp: 6318

Ion Ratio Lower Upper

75 100

77 30.4 21.6 40.2



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

7.68

3000

2500

2000

1500

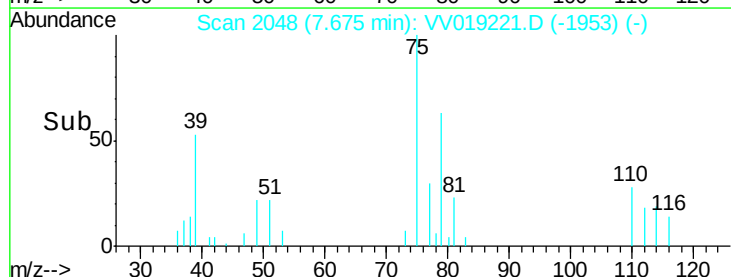
1000

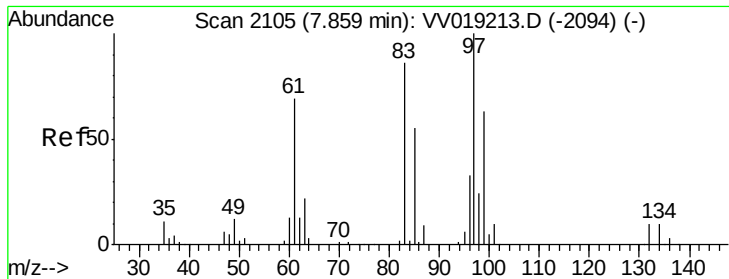
500

0

7.65 7.70 7.75

Time-->





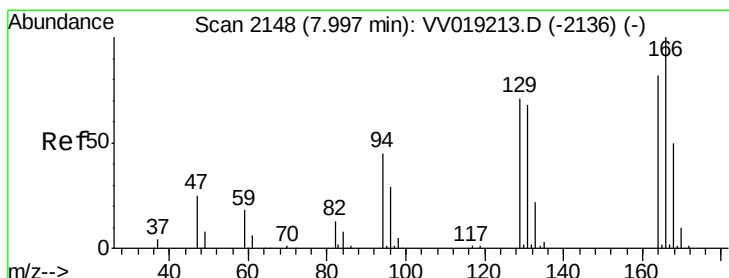
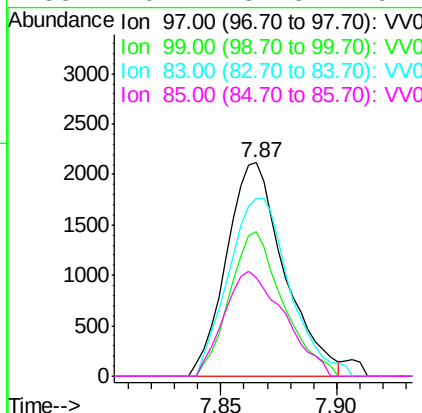
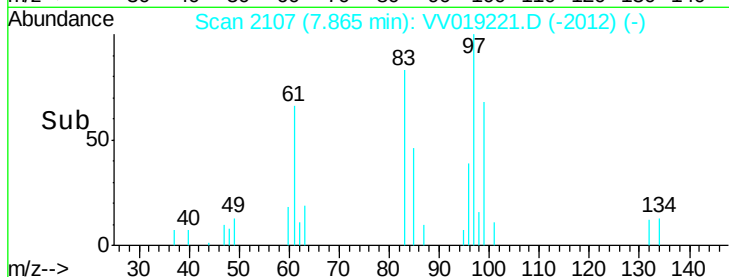
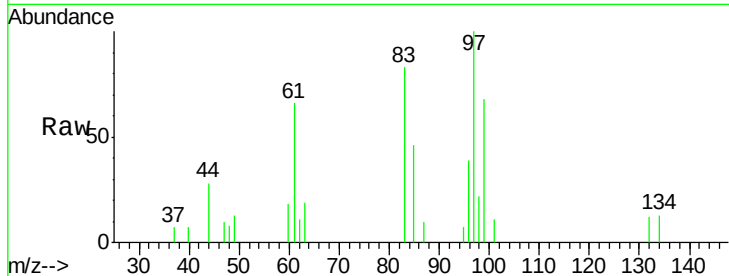
#45  
1,1,2-Trichloroethane  
Concen: 2.541 ug/L  
RT: 7.87 min Scan# 2107  
Delta R.T. 0.01 min  
Lab File: VV019221.D  
Acq: 03 Nov 2020 00:53

Instrument :  
MSVOA\_V  
ClientSampleId :  
MDL-ME-SOIL-02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 3682  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 67.9  | 45.1  | 83.9  |
| 83       | 83.4  | 57.6  | 107.0 |
| 85       | 46.1  | 37.8  | 70.2  |

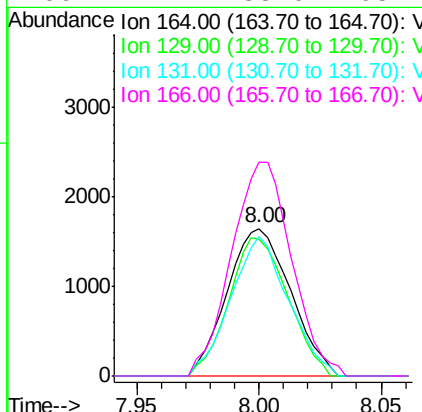
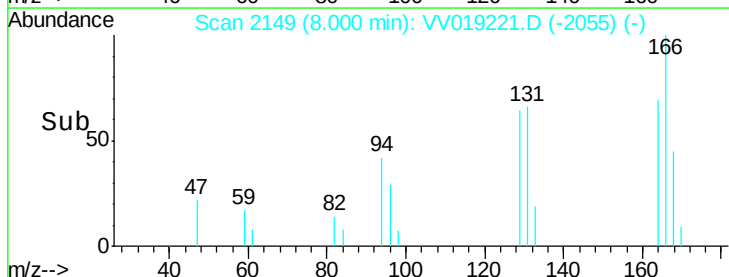
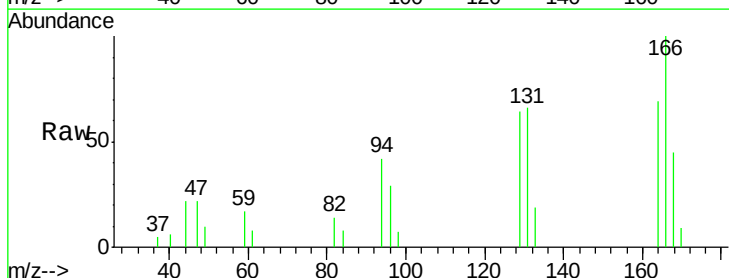
Manual Integrations  
APPROVED

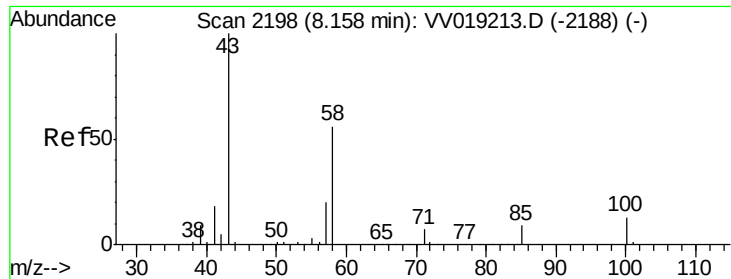
MMDadoda  
11/4/2020 10:44:58 AM



#46  
Tetrachloroethene  
Concen: 2.443 ug/L  
RT: 8.00 min Scan# 2149  
Delta R.T. 0.00 min  
Lab File: VV019221.D  
Acq: 03 Nov 2020 00:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 2976  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 93.0  | 62.6  | 116.3 |
| 131      | 95.0  | 59.0  | 109.6 |
| 166      | 144.7 | 88.0  | 163.4 |





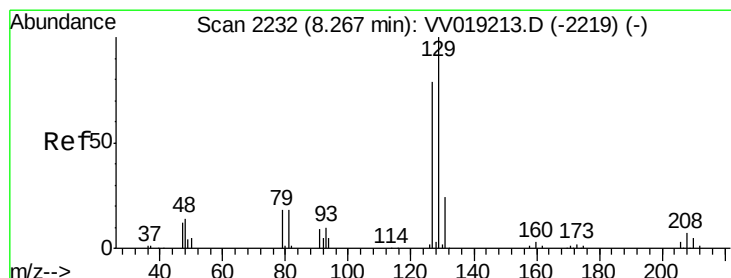
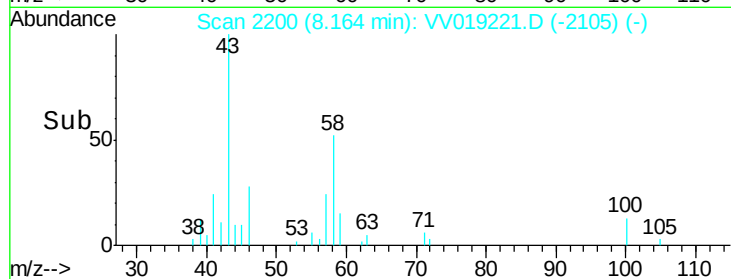
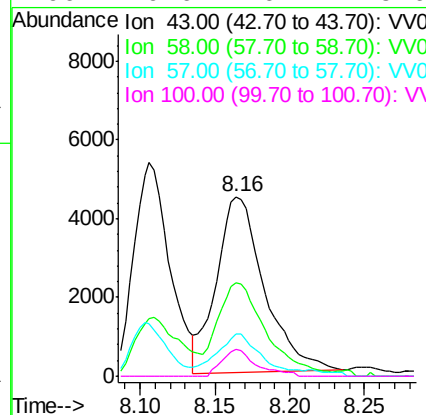
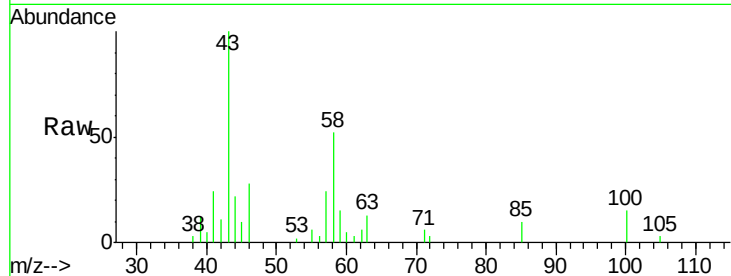
#48  
2-Hexanone  
Concen: 6.658 ug/L  
RT: 8.16 min Scan# 2200  
Delta R.T. 0.01 min  
Lab File: VV019221.D  
Acq: 03 Nov 2020 00:53

Instrument :  
MSVOA\_V  
ClientSampleId :  
MDL-ME-SOIL-02

| Tot Ion | Ion                           | Ratio | Lower | Upper |
|---------|-------------------------------|-------|-------|-------|
| 43      | 43.00 (42.70 to 43.70): VV0   | 100   |       |       |
| 58      | 58.00 (57.70 to 58.70): VV0   | 53.9  | 42.6  | 63.8  |
| 57      | 57.00 (56.70 to 57.70): VV0   | 18.3  | 15.8  | 23.8  |
| 100     | 100.00 (99.70 to 100.70): VV0 | 10.6  | 10.4  | 15.6  |

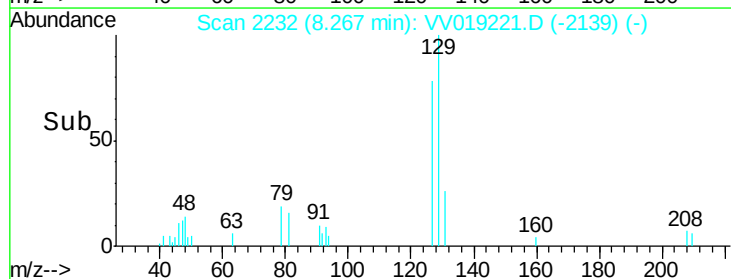
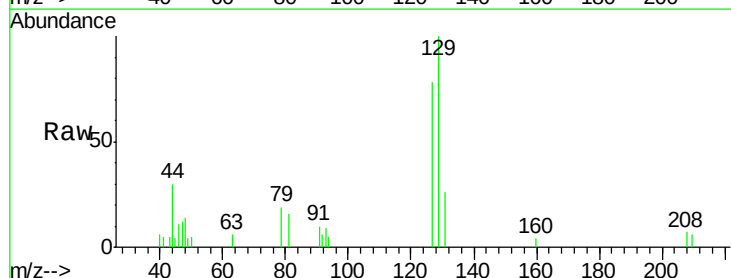
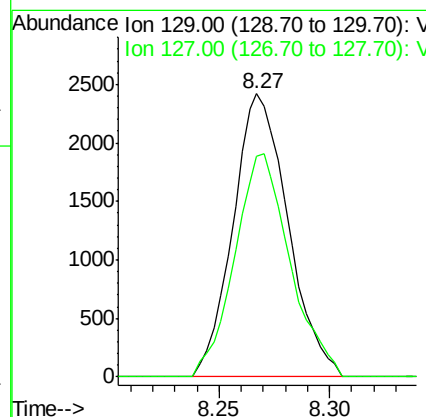
Manual Integrations  
APPROVED

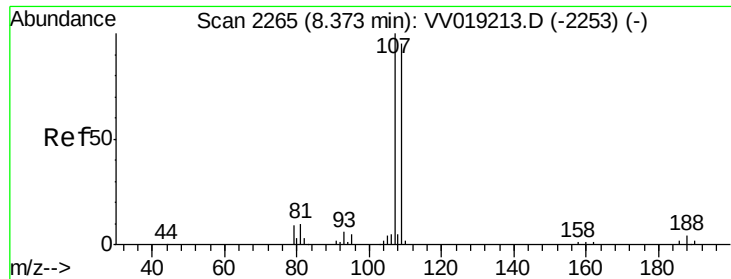
MMDadoda  
11/4/2020 10:44:58 AM



#49  
Dibromochloromethane  
Concen: 2.425 ug/L  
RT: 8.27 min Scan# 2232  
Delta R.T. 0.00 min  
Lab File: VV019221.D  
Acq: 03 Nov 2020 00:53

| Tgt Ion | Ion                            | Ratio | Lower | Upper |
|---------|--------------------------------|-------|-------|-------|
| 129     | 129.00 (128.70 to 129.70): VV0 | 100   |       |       |
| 127     | 127.00 (126.70 to 127.70): VV0 | 78.0  | 54.4  | 101.0 |





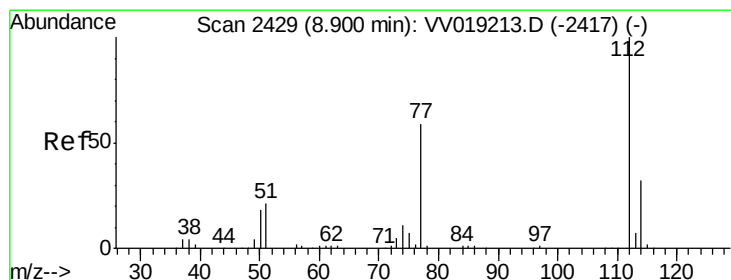
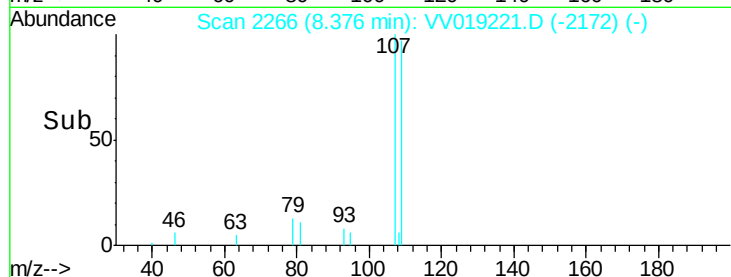
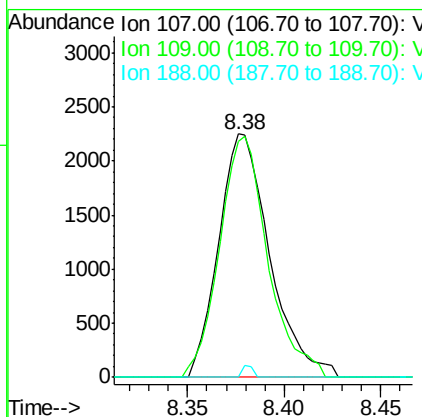
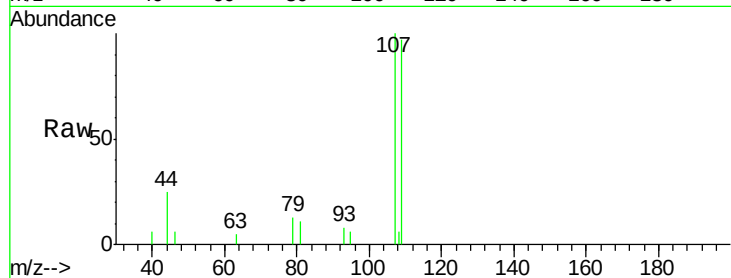
#50  
1,2-Dibromoethane  
Concen: 2.749 ug/L  
RT: 8.38 min Scan# 2266  
Delta R.T. 0.00 min  
Lab File: VV019221.D  
Acq: 03 Nov 2020 00:53

Instrument :  
MSVOA\_V  
ClientSampleId :  
MDL-ME-SOIL-02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 96.7  | 64.8  | 120.4 |
| 188     | 0.0   | 3.8   | 5.8#  |

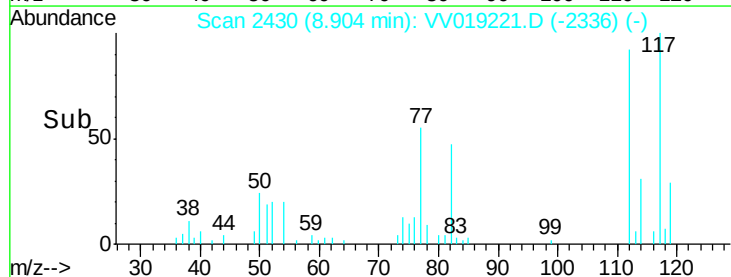
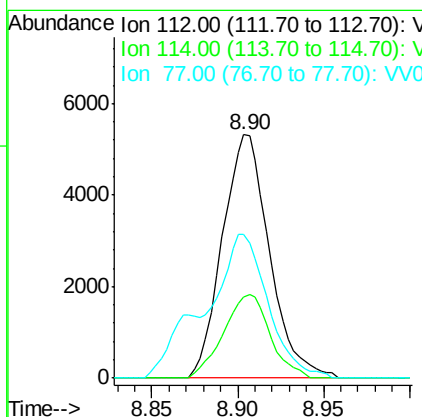
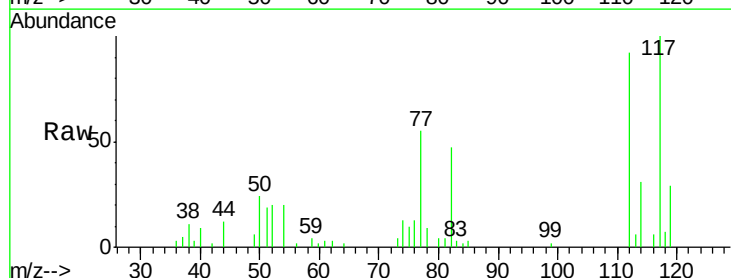
Manual Integrations  
APPROVED

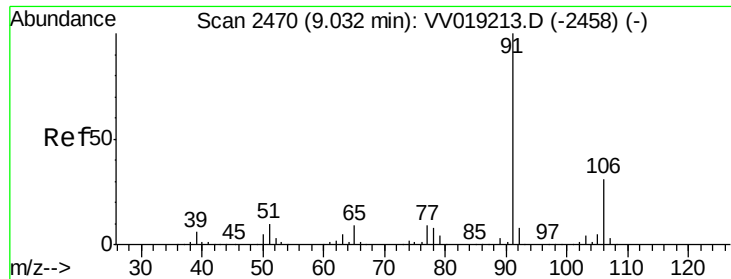
MMDadoda  
11/4/2020 10:44:58 AM



#51  
Chlorobenzene  
Concen: 2.552 ug/L  
RT: 8.90 min Scan# 2430  
Delta R.T. 0.00 min  
Lab File: VV019221.D  
Acq: 03 Nov 2020 00:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 33.5  | 22.7  | 42.1  |
| 77      | 59.2  | 47.3  | 70.9  |





#52

Ethylbenzene

Concen: 2.367 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV019221.D

Acq: 03 Nov 2020 00:53

Tot Ion: 91 Resp: 15504

Ion Ratio Lower Upper

91 100

106 33.8 21.6 40.0

Instrument :

MSVOA\_V

ClientSampleId :

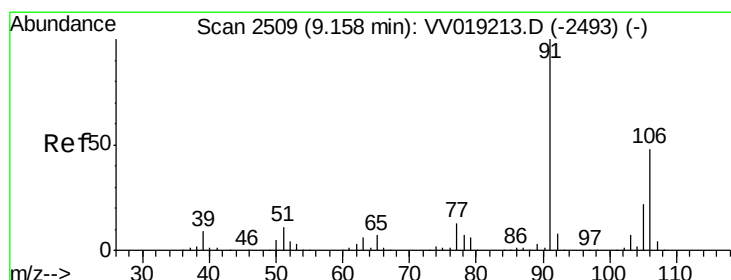
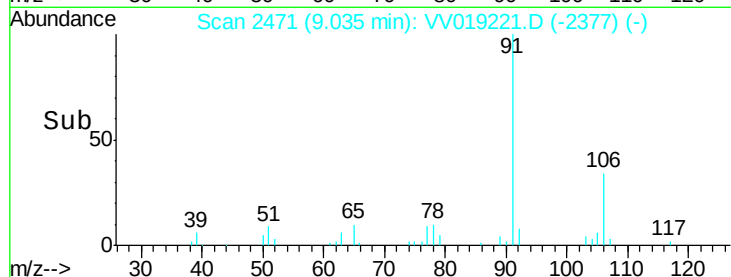
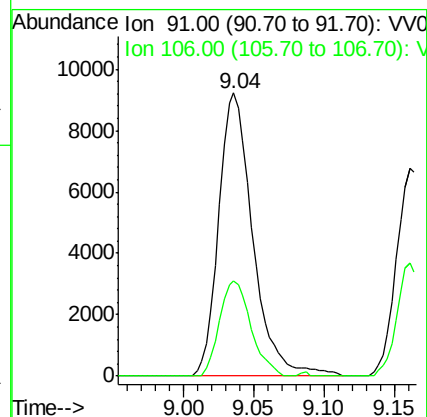
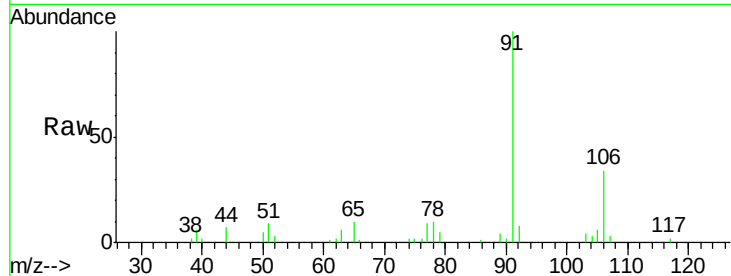
MDL-ME-SOIL-02

Manual Integrations

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#53

m,p-Xylene

Concen: 2.395 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV019221.D

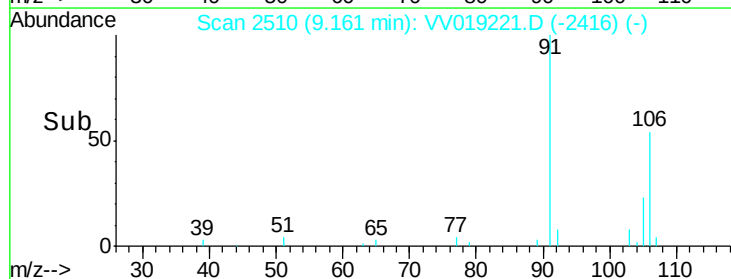
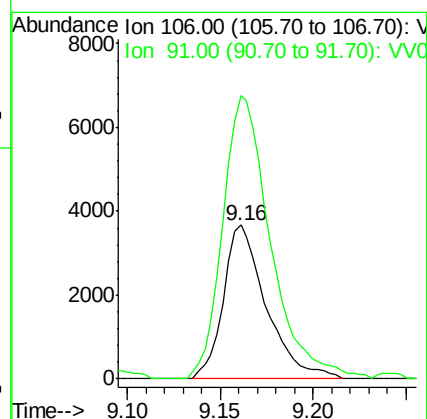
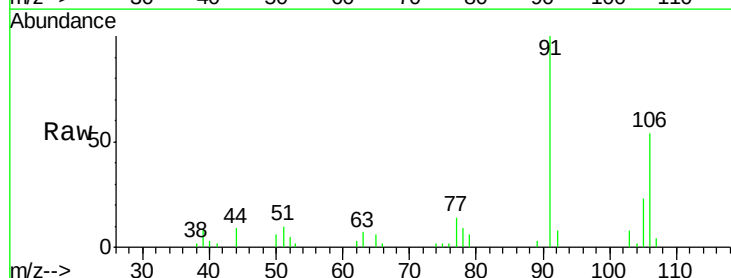
Acq: 03 Nov 2020 00:53

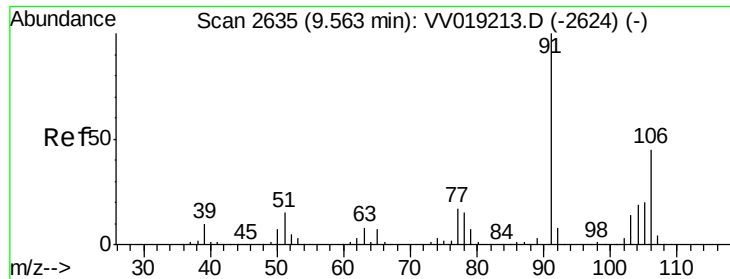
Tgt Ion: 106 Resp: 5875

Ion Ratio Lower Upper

106 100

91 183.8 147.2 273.4





#54

o-Xylene

Concen: 2.214 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV019221.D

Acq: 03 Nov 2020 00:53

Tot Ion:106 Resp: 5353

Ion Ratio Lower Upper

106 100

91 233.1 151.6 281.6

Instrument :

MSVOA\_V

ClientSampleId :

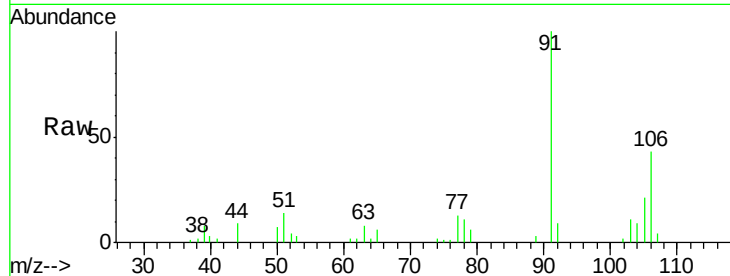
MDL-ME-SOIL-02

Manual Integrations

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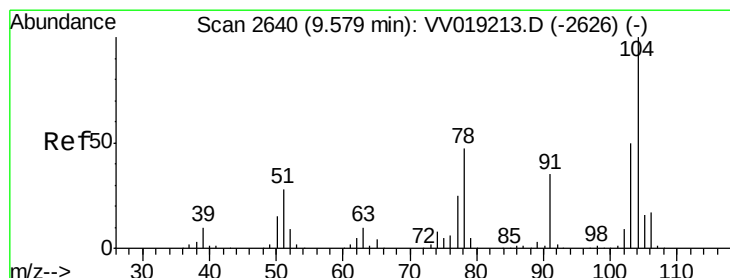
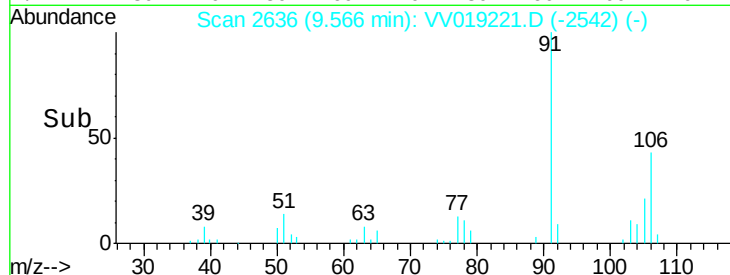
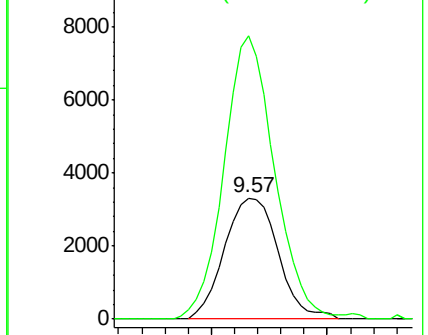
MMDadoda

11/4/2020 10:44:58 AM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

Styrene

Concen: 2.072 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. 0.01 min

Lab File: VV019221.D

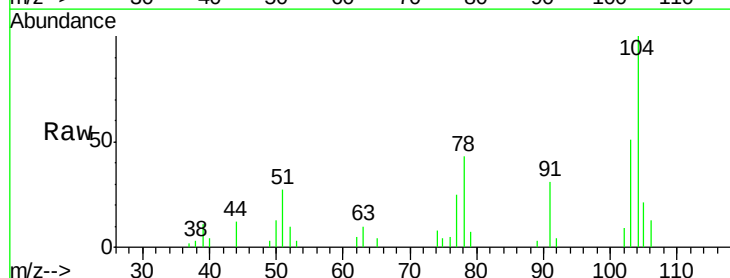
Acq: 03 Nov 2020 00:53

Tgt Ion:104 Resp: 8918

Ion Ratio Lower Upper

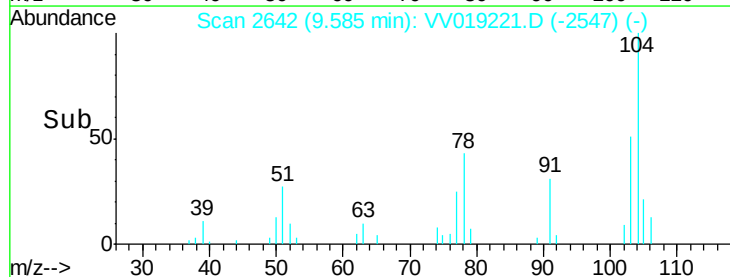
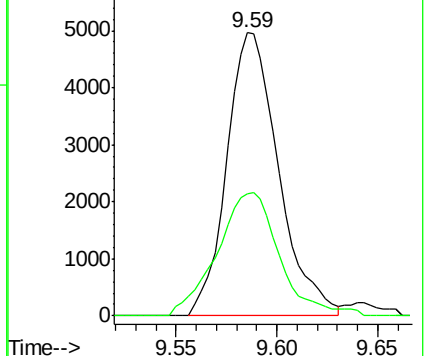
104 100

78 43.1 32.6 60.5

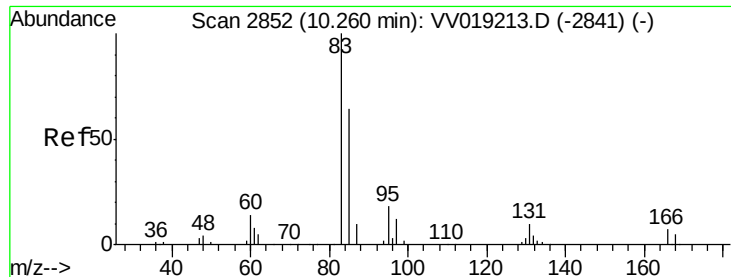


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0







#57

1,1,2,2-Tetrachloroethane

Concen: 2.670 ug/L

RT: 10.26 min Scan# 2852

Delta R.T. 0.00 min

Lab File: VV019221.D

Acq: 03 Nov 2020 00:53

Instrument :

MSVOA\_V

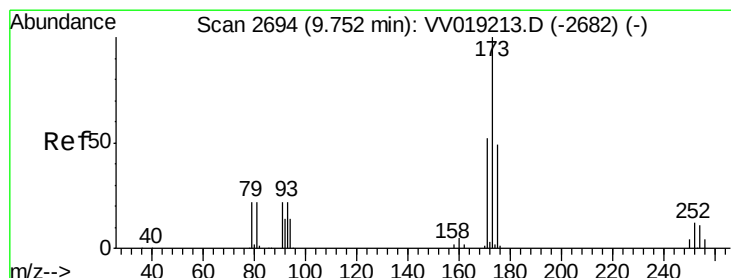
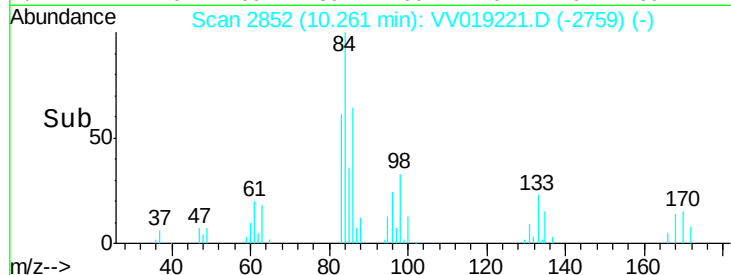
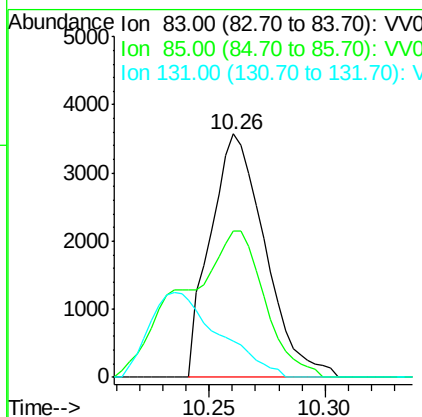
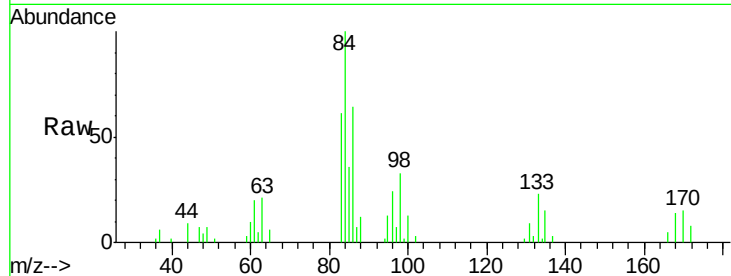
ClientSampleId :

MDL-ME-SOIL-02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 5853  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 59.9  | 45.0  | 83.6  |
| 131      | 15.1  | 8.9   | 13.3# |

Manual Integrations  
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#59

Bromoform

Concen: 2.558 ug/L

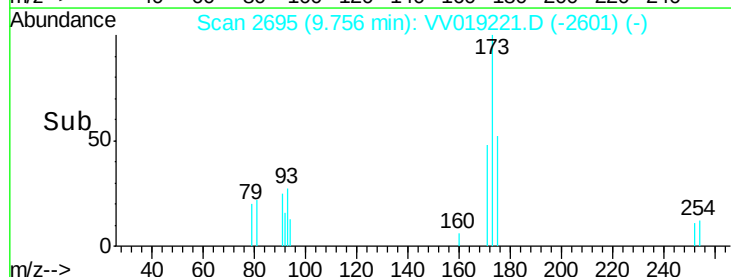
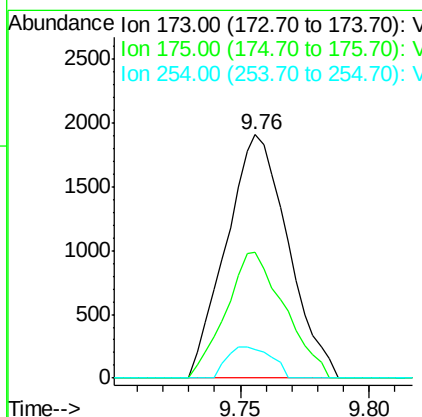
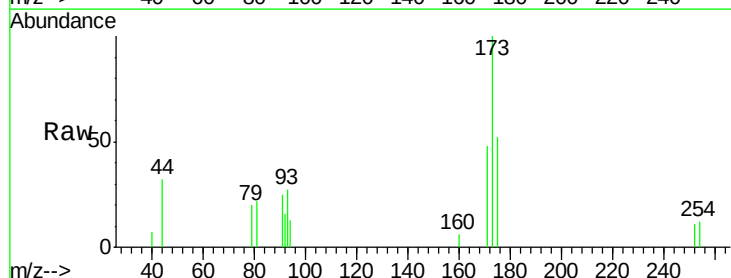
RT: 9.76 min Scan# 2695

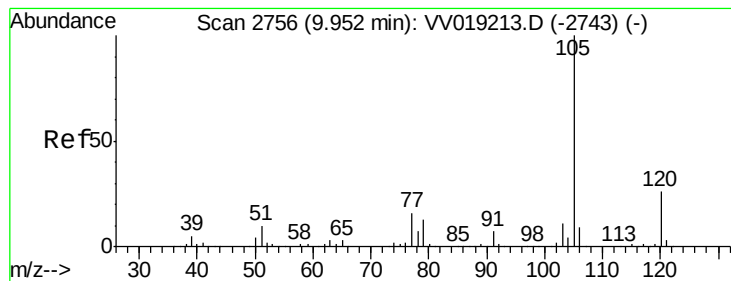
Delta R.T. 0.00 min

Lab File: VV019221.D

Acq: 03 Nov 2020 00:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 173   | Resp: | 3181  |
| Ion      | Ratio | Lower | Upper |
| 173      | 100   |       |       |
| 175      | 49.1  | 38.4  | 57.6  |
| 254      | 9.3   | 9.0   | 13.6  |





#60

Isopropylbenzene

Concen: 2.346 ug/L

RT: 9.96 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV019221.D

Acq: 03 Nov 2020 00:53

Instrument :

MSVOA\_V

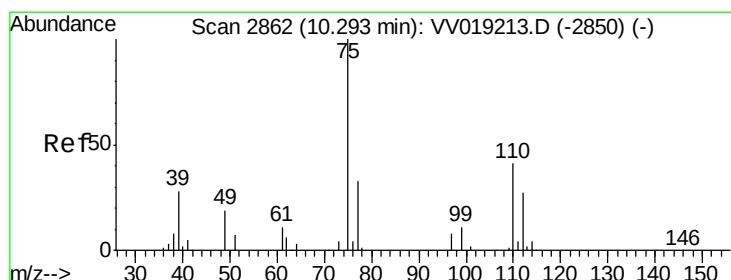
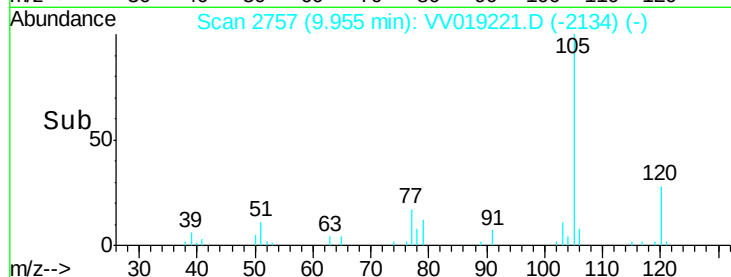
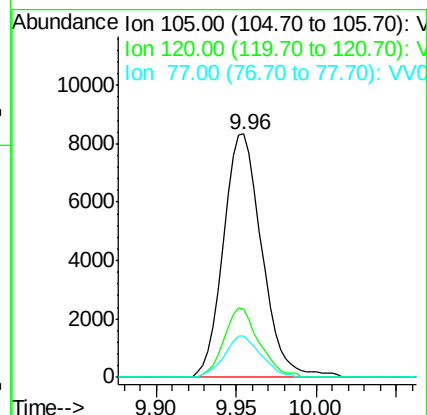
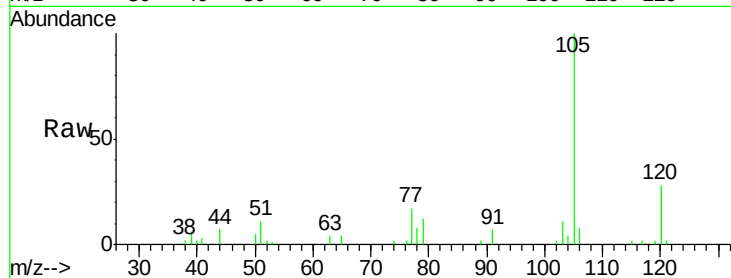
ClientSampleId :

MDL-ME-SOIL-02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 105   | Resp: | 13779 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 120       | 25.8  | 21.0  | 31.4  |
| 77        | 16.4  | 13.0  | 19.6  |

Manual Integrations  
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#61

1,2,3-Trichloropropane

Concen: 2.752 ug/L

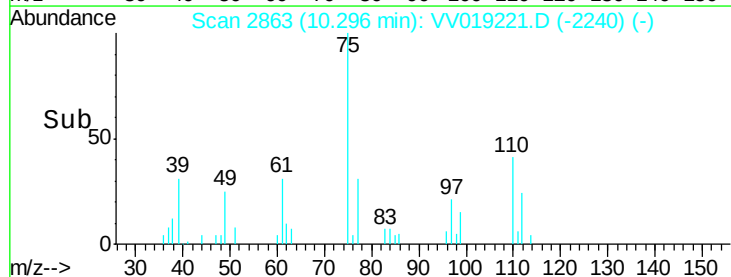
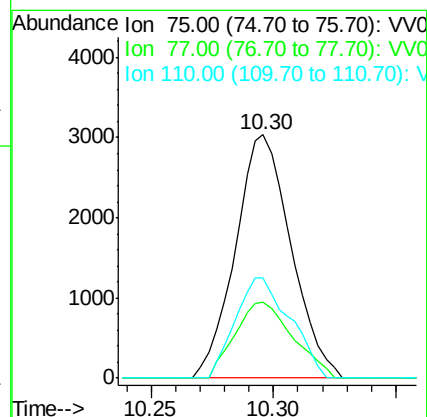
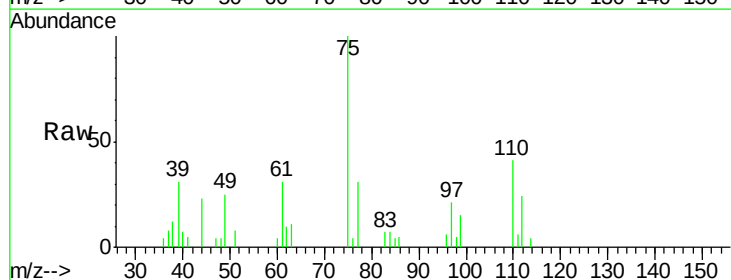
RT: 10.30 min Scan# 2863

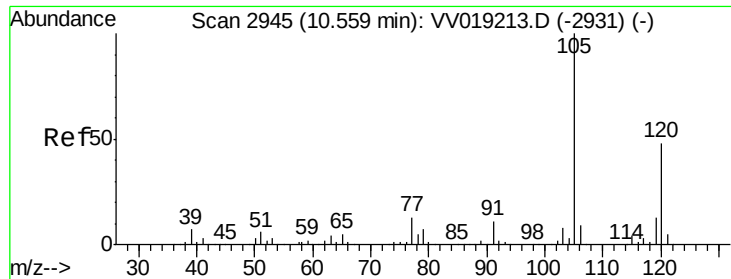
Delta R.T. 0.00 min

Lab File: VV019221.D

Acq: 03 Nov 2020 00:53

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 75    | Resp: | 4791 |
| Ion Ratio | Lower | Upper |      |
| 75        | 100   |       |      |
| 77        | 32.5  | 24.8  | 37.2 |
| 110       | 40.7  | 33.4  | 50.2 |





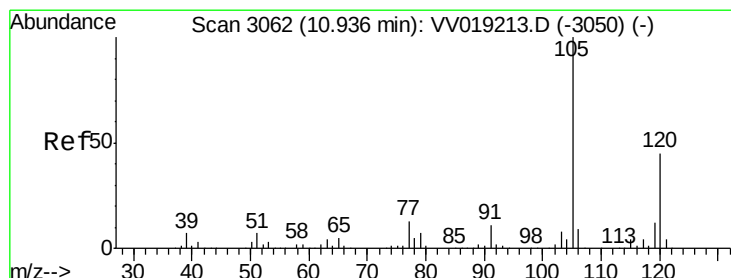
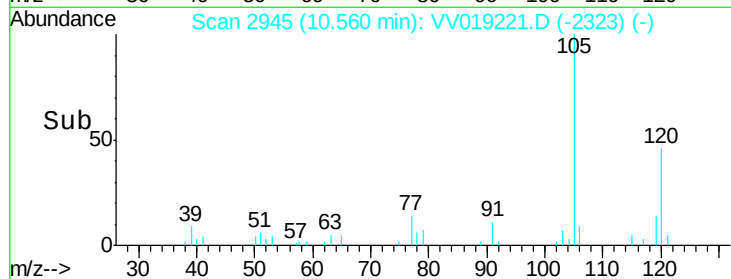
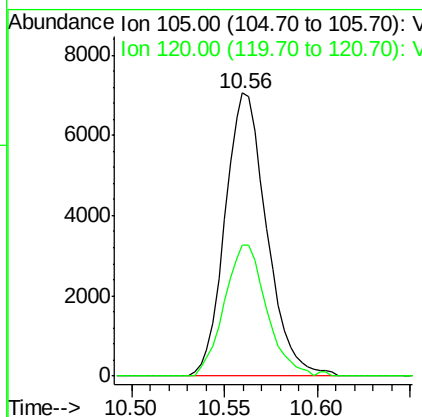
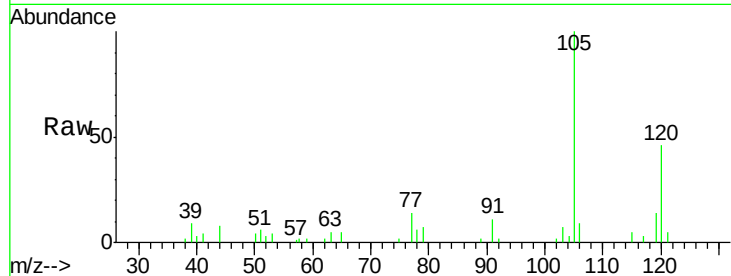
#62  
 1,3,5-Trimethylbenzene  
 Concen: 2.251 ug/L  
 RT: 10.56 min Scan# 2945  
 Delta R.T. 0.00 min  
 Lab File: VV019221.D  
 Acq: 03 Nov 2020 00:53

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MDL-ME-SOIL-02

Tot Ion:105 Resp: 11009  
 Ion Ratio Lower Upper  
 105 100  
 120 46.7 38.3 57.5

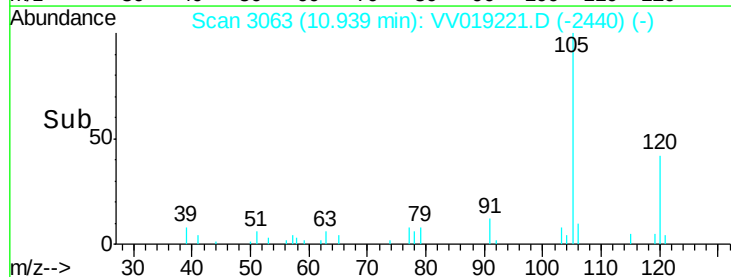
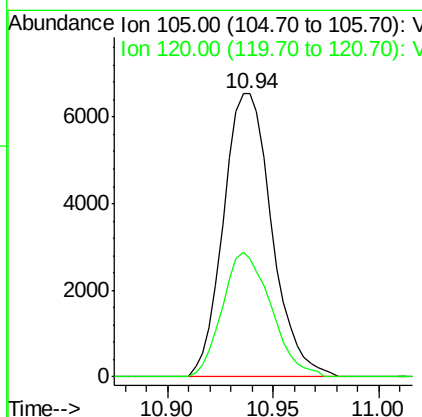
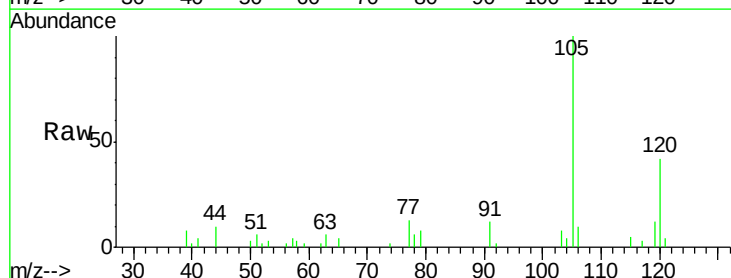
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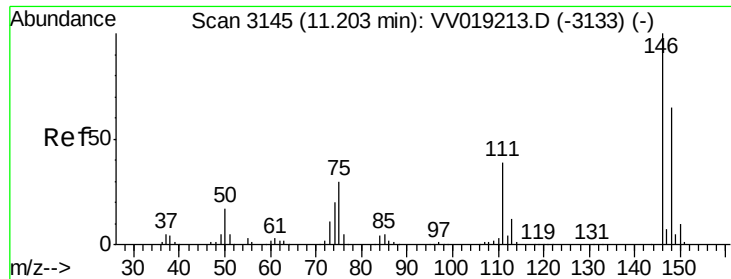
MMDadoda  
 11/4/2020 10:44:58 AM



#63  
 1,2,4-Trimethylbenzene  
 Concen: 2.178 ug/L  
 RT: 10.94 min Scan# 3063  
 Delta R.T. 0.00 min  
 Lab File: VV019221.D  
 Acq: 03 Nov 2020 00:53

Tgt Ion:105 Resp: 10424  
 Ion Ratio Lower Upper  
 105 100  
 120 44.2 35.7 53.5





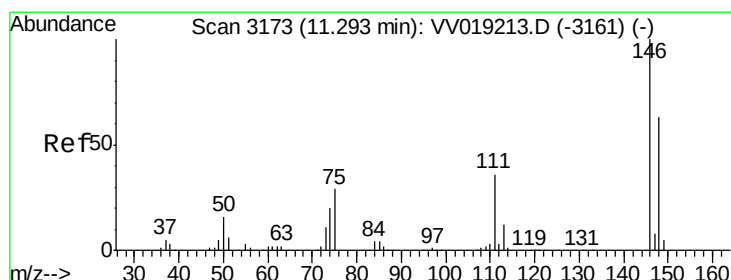
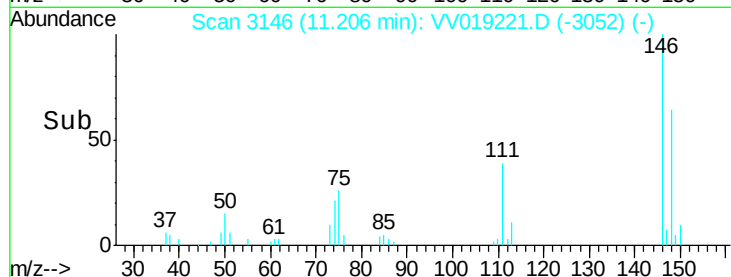
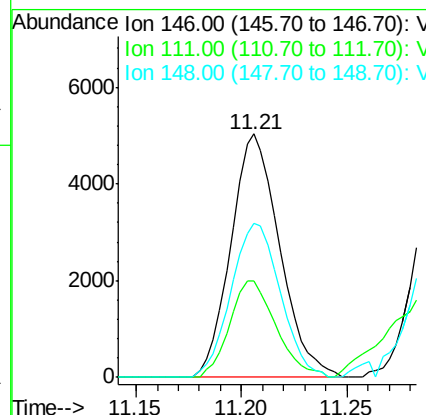
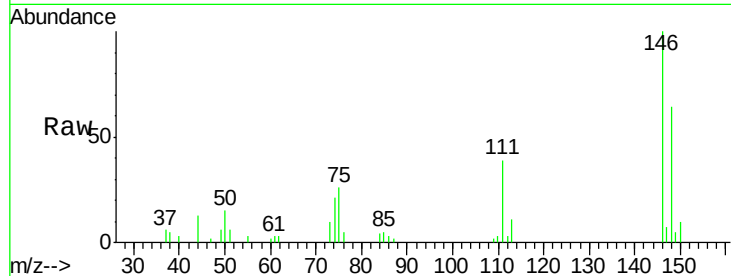
#64  
 1,3-Dichlorobenzene  
 Concen: 2.628 ug/L  
 RT: 11.21 min Scan# 3146  
 Delta R.T. 0.00 min  
 Lab File: VV019221.D  
 Acq: 03 Nov 2020 00:53

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MDL-ME-SOIL-02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.4  | 27.3  | 50.7  |
| 148     | 63.5  | 45.2  | 84.0  |

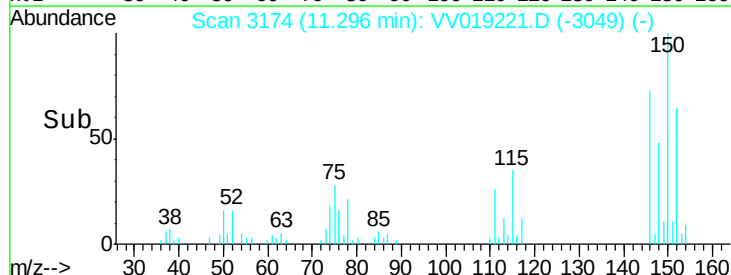
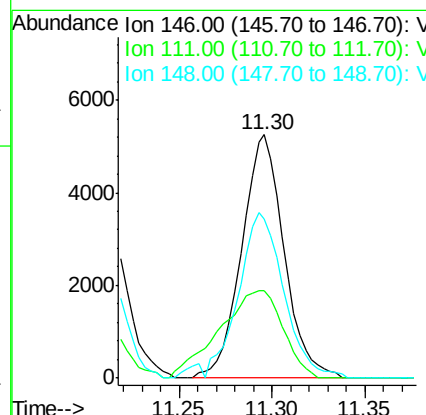
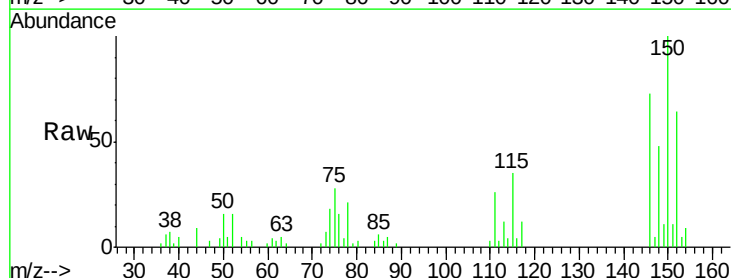
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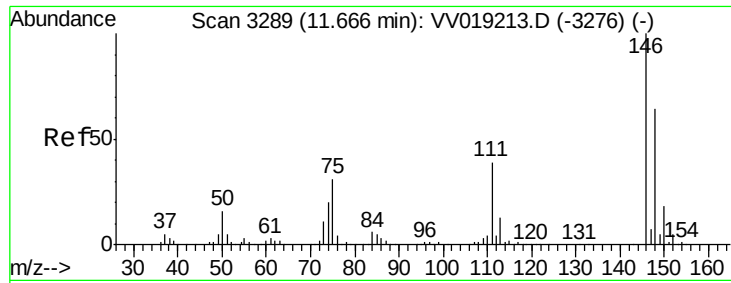
MMDadoda  
 11/4/2020 10:44:58 AM



#65  
 1,4-Dichlorobenzene  
 Concen: 2.632 ug/L  
 RT: 11.30 min Scan# 3174  
 Delta R.T. 0.00 min  
 Lab File: VV019221.D  
 Acq: 03 Nov 2020 00:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 35.8  | 25.9  | 48.1  |
| 148     | 65.6  | 44.9  | 83.5  |





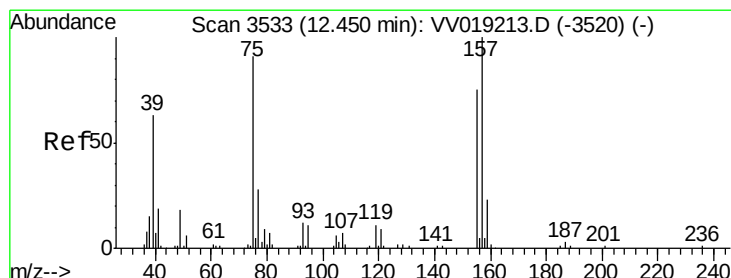
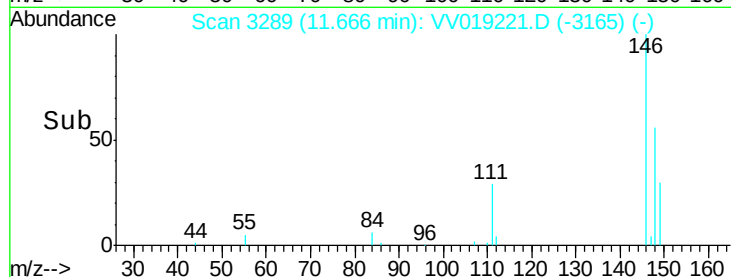
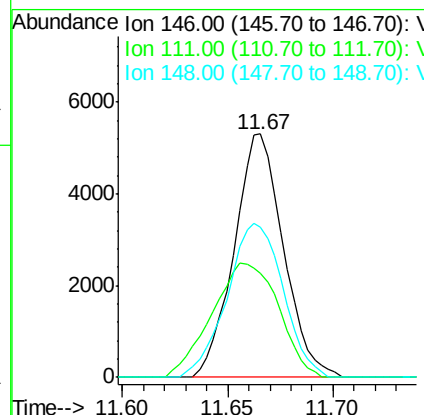
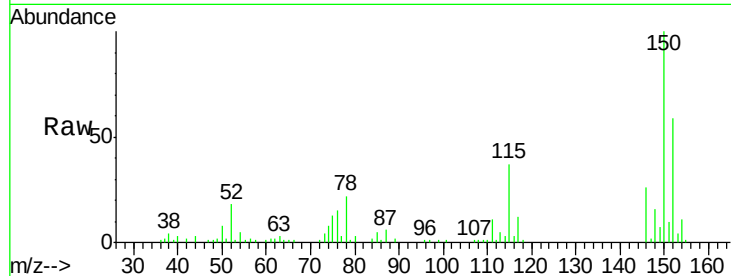
#67  
 1,2-Dichlorobenzene  
 Concen: 2.739 ug/L  
 RT: 11.67 min Scan# 3289  
 Delta R.T. 0.00 min  
 Lab File: VV019221.D  
 Acq: 03 Nov 2020 00:53

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MDL-ME-SOIL-02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.5  | 32.6  | 48.8  |
| 148     | 61.6  | 50.1  | 75.1  |

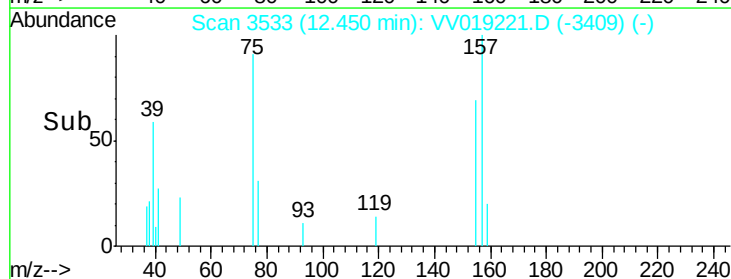
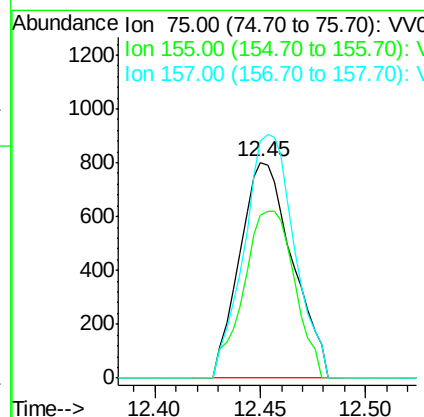
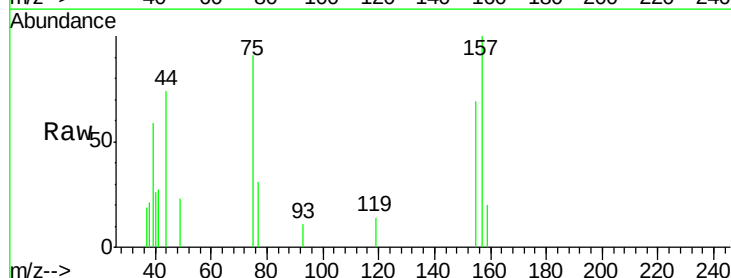
Manual Integrations  
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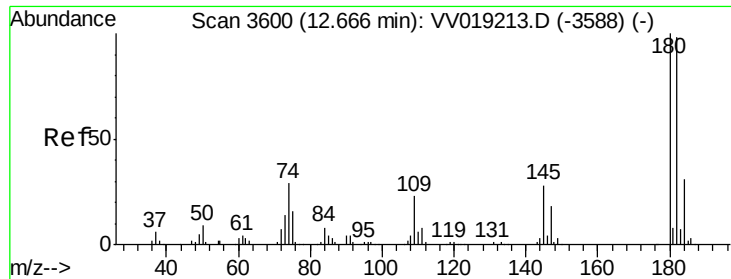
MMDadoda  
 11/4/2020 10:44:58 AM



#68  
 1,2-Dibromo-3-chloropropane  
 Concen: 2.737 ug/L  
 RT: 12.45 min Scan# 3533  
 Delta R.T. 0.00 min  
 Lab File: VV019221.D  
 Acq: 03 Nov 2020 00:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 75.5  | 65.8  | 98.6  |
| 157     | 109.7 | 86.3  | 129.5 |





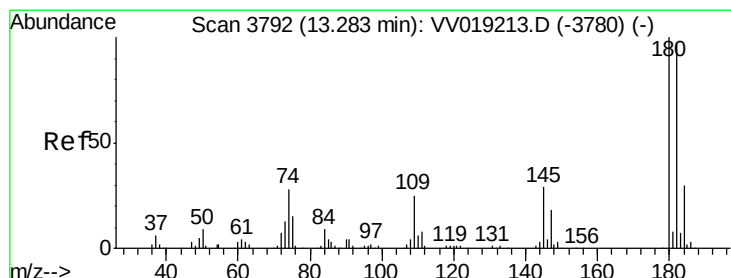
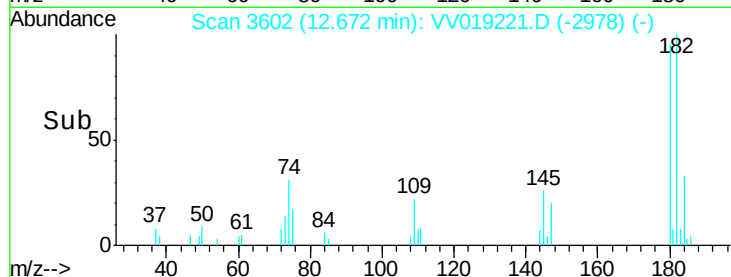
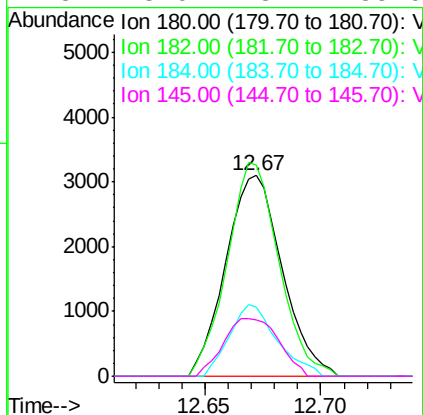
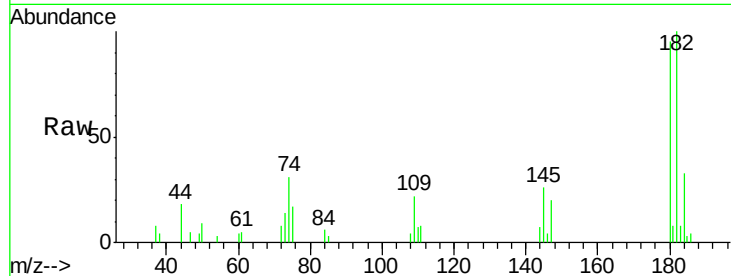
#69  
 1,3,5-Trichlorobenzene  
 Concen: 2.378 ug/L  
 RT: 12.67 min Scan# 3602  
 Delta R.T. 0.01 min  
 Lab File: VV019221.D  
 Acq: 03 Nov 2020 00:53

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MDL-ME-SOIL-02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.4  | 77.7  | 116.5 |
| 184     | 30.2  | 24.9  | 37.3  |
| 145     | 28.0  | 23.4  | 35.0  |

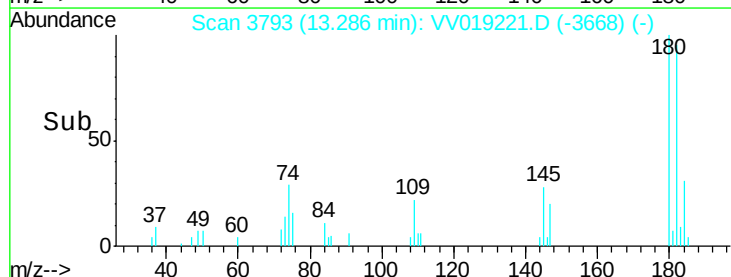
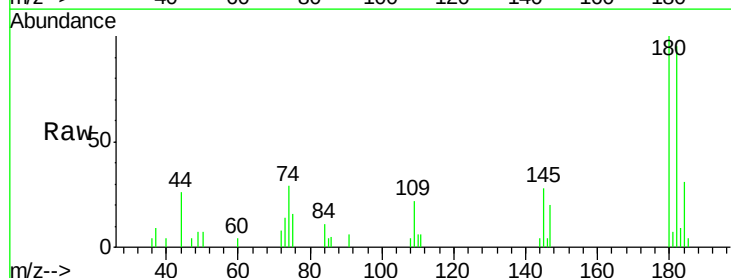
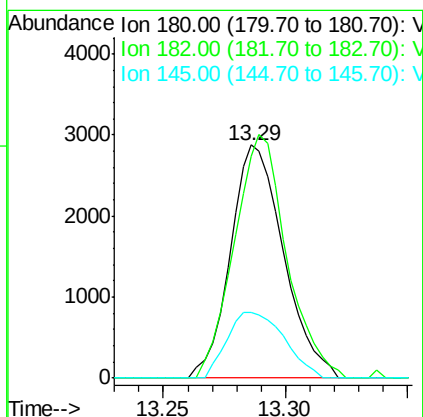
Manual Integrations  
 APPROVED

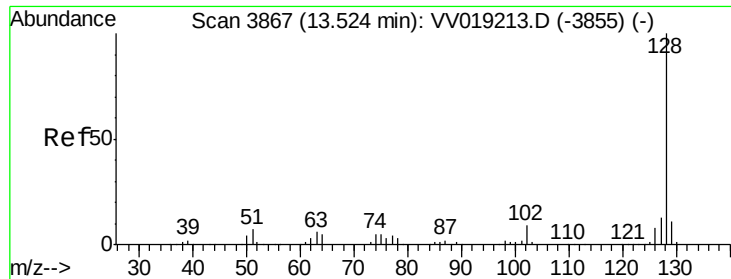
MMDadoda  
 11/4/2020 10:44:58 AM



#70  
 1,2,4-trichlorobenzene  
 Concen: 2.097 ug/L  
 RT: 13.29 min Scan# 3793  
 Delta R.T. 0.00 min  
 Lab File: VV019221.D  
 Acq: 03 Nov 2020 00:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 103.1 | 76.6  | 114.8 |
| 145     | 30.4  | 23.2  | 34.8  |





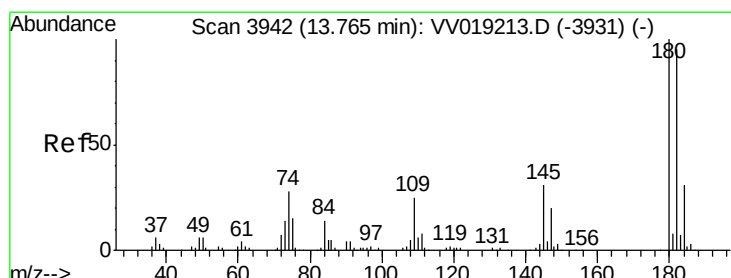
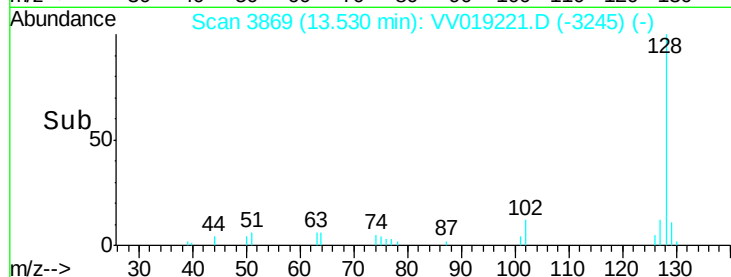
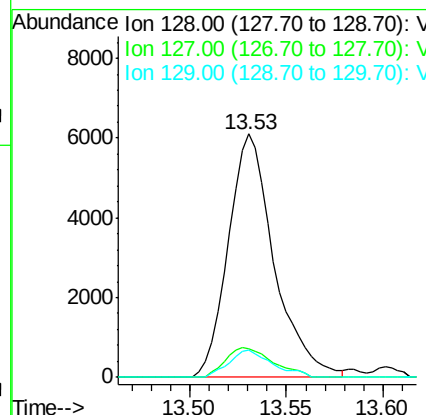
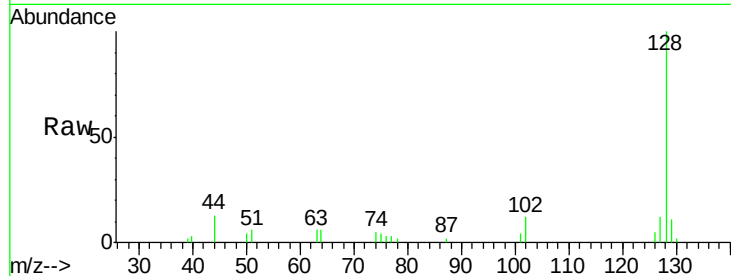
#71  
Naphthalene  
Concen: 1.716 ug/L  
RT: 13.53 min Scan# 3869  
Delta R.T. 0.01 min  
Lab File: VV019221.D  
Acq: 03 Nov 2020 00:53

Instrument :  
MSVOA\_V  
ClientSampleId :  
MDL-ME-SOIL-02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.6  | 10.7  | 16.1  |
| 129     | 9.7   | 8.6   | 13.0  |

Manual Integrations  
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11/4/2020 10:44:58 AM



#72  
1,2,3-Trichlorobenzene  
Concen: 2.290 ug/L  
RT: 13.77 min Scan# 3944  
Delta R.T. 0.01 min  
Lab File: VV019221.D  
Acq: 03 Nov 2020 00:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 89.5  | 77.4  | 116.0 |
| 145     | 28.7  | 24.7  | 37.1  |

