

Data File : VV011931.D  
Acq On : 18 Jul 2019 11:15  
Operator : SY/MD  
Sample : VSTDCCC005  
Misc : 25ML/MSVOA\_V/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00541

Quant Time: Jul 19 05:33:30 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR071719WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Thu Jul 18 02:17:52 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 188863   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 178988   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 86105    | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 60637    | 4.37     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 87.40%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 47484    | 4.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 82.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 102471   | 4.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 90.40%  |
| 20) 2-Butanone-d5              | 3.95   | 46    | 176993   | 50.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 101.04% |
| 24) Chloroform-d               | 4.40   | 84    | 132750   | 4.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 69334    | 4.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 97.20%  |
| 32) Benzene-d6                 | 5.09   | 84    | 253577   | 4.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 77958    | 4.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 97.80%  |
| 41) Toluene-d8                 | 7.36   | 98    | 231034   | 4.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 97.20%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 28706    | 4.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 97.20%  |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 126720   | 53.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 106.64% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 51843    | 5.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 103.40% |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 82430    | 4.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 95.80%  |

#### Target Compounds

|                                |      |     |        |             | Qvalue |
|--------------------------------|------|-----|--------|-------------|--------|
| 2) Dichlorodifluoromethane     | 1.14 | 85  | 96312  | 4.980 ug/L  | 97     |
| 3) Chloromethane               | 1.25 | 50  | 89917  | 4.797 ug/L  | 100    |
| 5) Vinyl chloride              | 1.32 | 62  | 88476  | 4.907 ug/L  | 99     |
| 6) Bromomethane                | 1.54 | 94  | 41832  | 3.999 ug/L  | 100    |
| 8) Chloroethane                | 1.60 | 64  | 46851  | 4.569 ug/L  | 99     |
| 9) Trichlorofluoromethane      | 1.77 | 101 | 111432 | 4.915 ug/L  | 100    |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.14 | 101 | 55824  | 5.097 ug/L  | 98     |
| 12) 1,1-Dichloroethene         | 2.14 | 96  | 50952  | 5.061 ug/L  | 97     |
| 13) Acetone                    | 2.21 | 43  | 88411  | 49.726 ug/L | 98     |
| 14) Carbon disulfide           | 2.32 | 76  | 138545 | 4.855 ug/L  | 98     |
| 15) Methyl Acetate             | 2.47 | 43  | 20651  | 5.463 ug/L  | 100    |
| 16) Methylene chloride         | 2.53 | 84  | 55167  | 5.228 ug/L  | 96     |
| 17) Methyl tert-butyl Ether    | 2.81 | 73  | 152954 | 5.023 ug/L  | 99     |
| 18) trans-1,2-Dichloroethene   | 2.79 | 96  | 69120  | 4.884 ug/L  | 98     |
| 19) 1,1-Dichloroethane         | 3.23 | 63  | 132751 | 4.975 ug/L  | 99     |
| 21) 2-Butanone                 | 4.04 | 43  | 175886 | 50.455 ug/L | 97     |
| 22) cis-1,2-Dichloroethene     | 3.96 | 96  | 77627  | 5.328 ug/L  | 99     |

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Operator : SY/MD  
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Misc : 25ML/MSVOA\_V/WATER  
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Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00541

Quant Time: Jul 19 05:33:30 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR071719WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Thu Jul 18 02:17:52 2019  
Response via : Initial Calibration

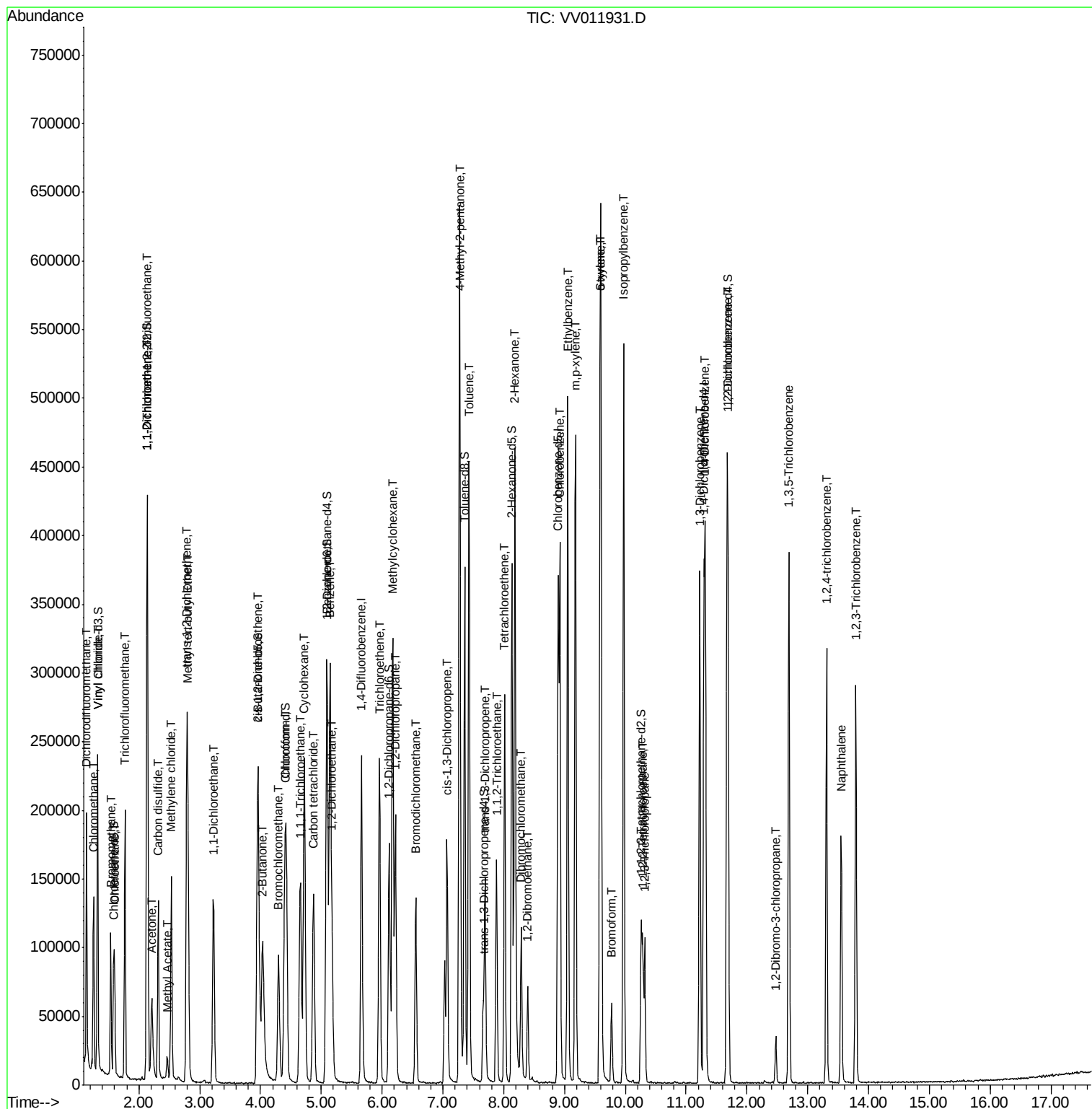
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 23) Bromochloromethane         | 4.30  | 128  | 30009    | 5.034  | ug/L  | 97       |
| 25) Chloroform                 | 4.42  | 83   | 135702   | 4.715  | ug/L  | 95       |
| 27) 1,2-Dichloroethane         | 5.18  | 62   | 84037    | 4.957  | ug/L  | 99       |
| 29) 1,1,1-Trichloroethane      | 4.66  | 97   | 112957   | 5.135  | ug/L  | 98       |
| 30) Cyclohexane                | 4.72  | 56   | 120258   | 5.134  | ug/L  | 99       |
| 31) Carbon tetrachloride       | 4.87  | 117  | 97678    | 5.085  | ug/L  | 99       |
| 33) Benzene                    | 5.14  | 78   | 287611   | 5.135  | ug/L  | 100      |
| 34) Trichloroethene            | 5.95  | 95   | 78396    | 5.037  | ug/L  | 99       |
| 35) Methylcyclohexane          | 6.17  | 83   | 121118   | 5.130  | ug/L  | 99       |
| 37) 1,2-Dichloropropane        | 6.22  | 63   | 71789    | 5.252  | ug/L  | 100      |
| 38) Bromodichloromethane       | 6.55  | 83   | 85032    | 5.078  | ug/L  | 100      |
| 39) cis-1,3-Dichloropropene    | 7.07  | 75   | 99750    | 5.330  | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone       | 7.27  | 43   | 441911   | 53.793 | ug/L  | 100      |
| 42) Toluene                    | 7.43  | 91   | 311641   | 5.303  | ug/L  | 98       |
| 44) trans-1,3-Dichloropropene  | 7.69  | 75   | 76518    | 5.144  | ug/L  | 99       |
| 45) 1,1,2-Trichloroethane      | 7.88  | 97   | 46858    | 5.070  | ug/L  | 97       |
| 47) Tetrachloroethene          | 8.02  | 164  | 59311    | 5.177  | ug/L  | 98       |
| 48) 2-Hexanone                 | 8.18  | 43   | 316086   | 53.751 | ug/L  | 100      |
| 49) Dibromochloromethane       | 8.29  | 129  | 51391    | 5.128  | ug/L  | 98       |
| 50) 1,2-Dibromoethane          | 8.40  | 107  | 42852    | 5.038  | ug/L  | 98       |
| 51) Chlorobenzene              | 8.92  | 112  | 189785   | 5.116  | ug/L  | 98       |
| 52) Ethylbenzene               | 9.05  | 91   | 336941   | 5.216  | ug/L  | 100      |
| 53) m,p-xylene                 | 9.18  | 106  | 125128   | 5.201  | ug/L  | 94       |
| 54) o-xylene                   | 9.59  | 106  | 119534   | 5.333  | ug/L  | 97       |
| 55) Styrene                    | 9.60  | 104  | 202475   | 5.317  | ug/L  | 98       |
| 56) Isopropylbenzene           | 9.97  | 105  | 327722   | 5.324  | ug/L  | 100      |
| 58) 1,1,2,2-Tetrachloroethane  | 10.29 | 83   | 47724    | 5.414  | ug/L  | 99       |
| 59) 1,2,3-Trichloropropane     | 10.32 | 75   | 41175    | 5.078  | ug/L  | 99       |
| 61) Bromoform                  | 9.77  | 173  | 24611    | 5.108  | ug/L  | 98       |
| 62) 1,3-Dichlorobenzene        | 11.22 | 146  | 142192   | 5.130  | ug/L  | 100      |
| 63) 1,4-Dichlorobenzene        | 11.31 | 146  | 144068   | 5.051  | ug/L  | 98       |
| 65) 1,2-Dichlorobenzene        | 11.69 | 146  | 135369   | 5.214  | ug/L  | 100      |
| 66) 1,2-Dibromo-3-chloropropan | 12.47 | 75   | 7921     | 5.373  | ug/L  | 96       |
| 67) 1,3,5-Trichlorobenzene     | 12.69 | 180  | 111810   | 5.140  | ug/L  | 99       |
| 68) 1,2,4-trichlorobenzene     | 13.31 | 180  | 89358    | 5.205  | ug/L  | 99       |
| 69) Naphthalene                | 13.55 | 128  | 137250   | 5.205  | ug/L  | 100      |
| 70) 1,2,3-Trichlorobenzene     | 13.79 | 180  | 81927    | 5.293  | ug/L  | 98       |

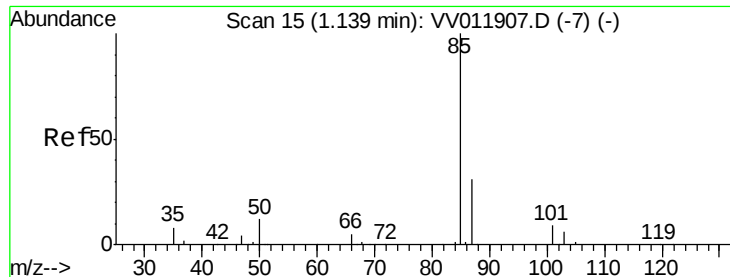
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV011931.D  
Acq On : 18 Jul 2019 11:15  
Operator : SY/MD  
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Misc : 25ML/MSVOA\_V/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00541

Quant Time: Jul 19 05:33:30 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR071719WMA.M  
Quant Title : TRACE VOA SOM01.0  
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#2

Dichlorodifluoromethane

Concen: 4.980 ug/L

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

Lab File: VV011931.D

Acq: 18 Jul 2019 11:15

Instrument :

MSVOA\_V

ClientSampleId :

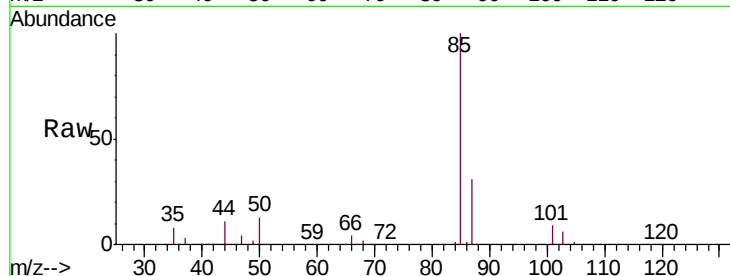
VSTD00541

Tgt Ion: 85 Resp: 96312

Ion Ratio Lower Upper

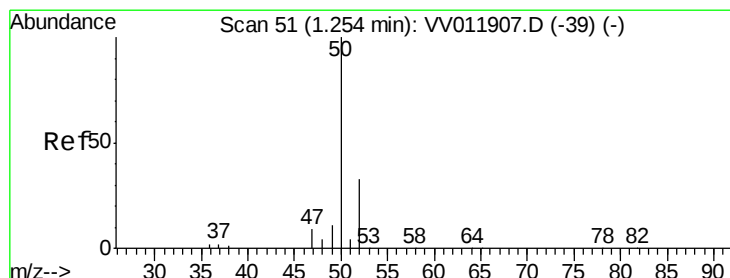
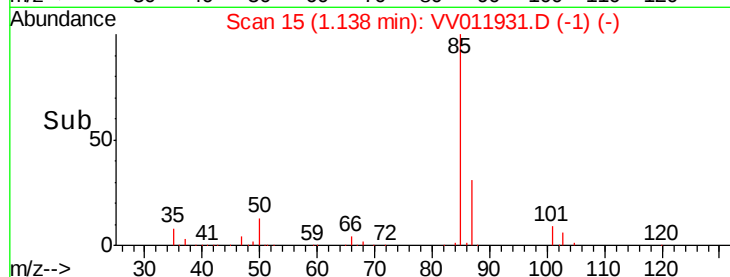
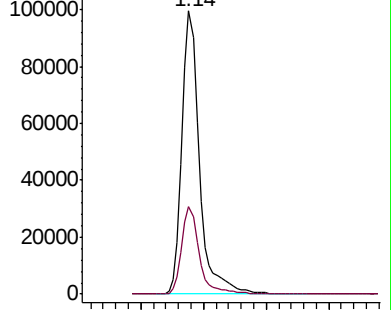
85 100

87 31.0 26.1 39.1



Abundance Ion 85.00 (84.70 to 85.70): VV011907.D (-7) (-)

Ion 87.00 (86.70 to 87.70): VV011907.D (-7) (-)



#3

Chloromethane

Concen: 4.797 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

Lab File: VV011931.D

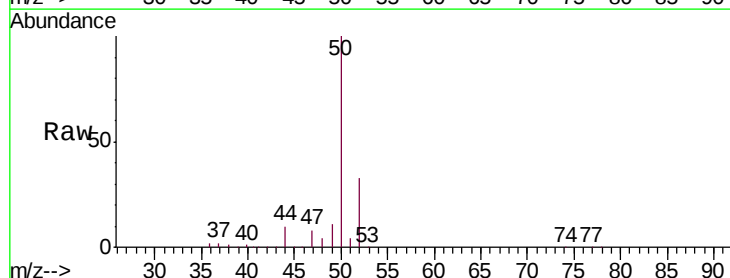
Acq: 18 Jul 2019 11:15

Tgt Ion: 50 Resp: 89917

Ion Ratio Lower Upper

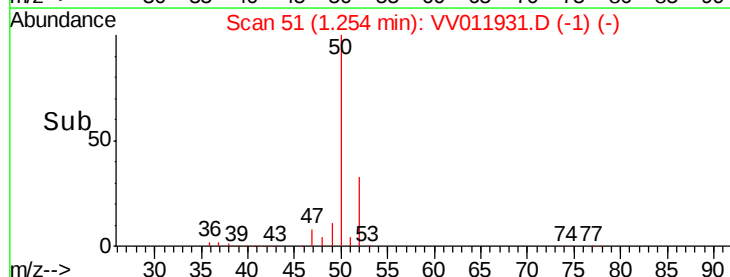
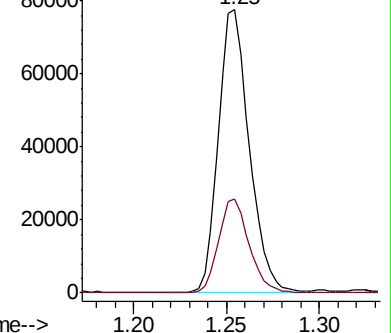
50 100

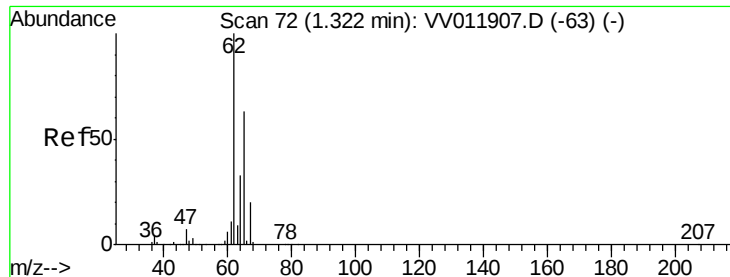
52 33.2 23.1 42.9



Abundance Ion 50.05 (49.75 to 50.75): VV011907.D (-39) (-)

Ion 52.05 (51.75 to 52.75): VV011907.D (-39) (-)





#5

Vinyl chloride

Concen: 4.907 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV011931.D

Acq: 18 Jul 2019 11:15

Instrument :

MSVOA\_V

ClientSampleId :

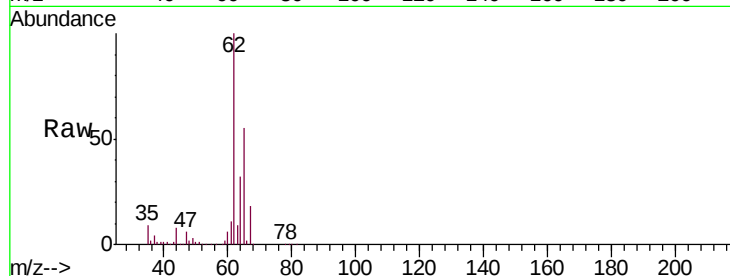
VSTD00541

Tgt Ion: 62 Resp: 88476

Ion Ratio Lower Upper

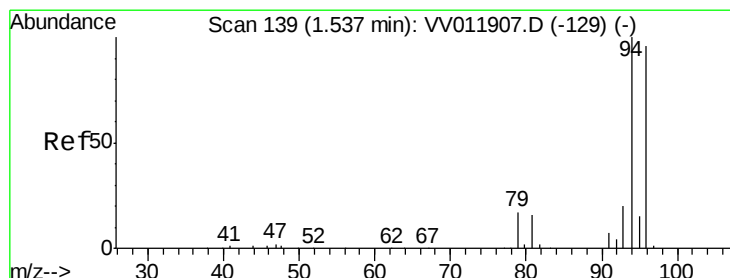
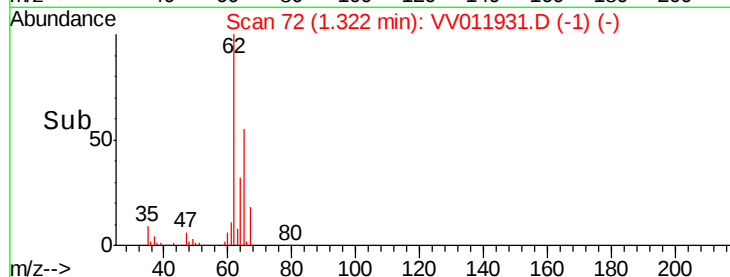
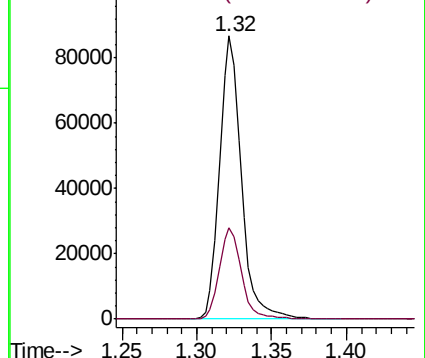
62 100

64 32.3 22.9 42.5



Abundance Ion 62.00 (61.70 to 62.70): VV011931.D (-63) (-)

Ion 64.10 (63.80 to 64.80): VV011931.D (-63) (-)



#6

Bromomethane

Concen: 3.999 ug/L

RT: 1.54 min Scan# 139

Delta R.T. -0.00 min

Lab File: VV011931.D

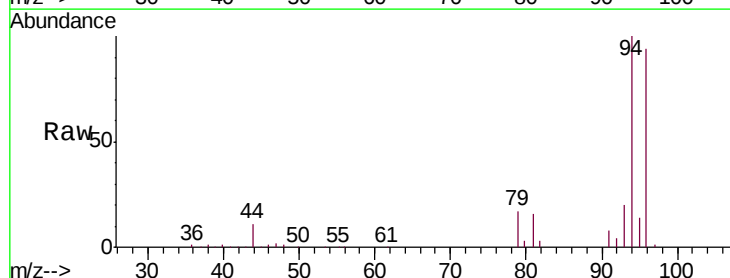
Acq: 18 Jul 2019 11:15

Tgt Ion: 94 Resp: 41832

Ion Ratio Lower Upper

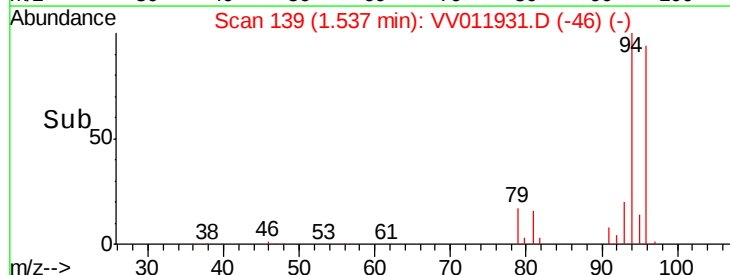
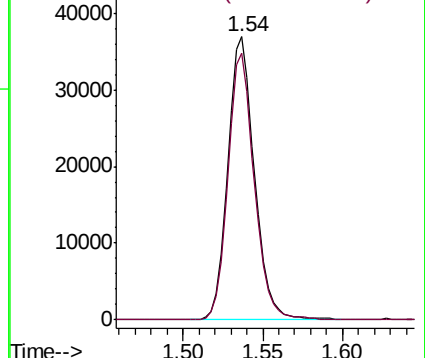
94 100

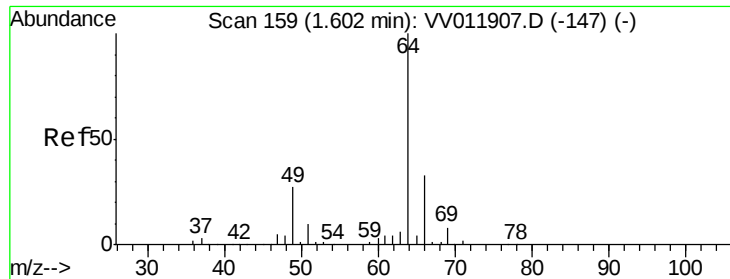
96 94.4 66.1 122.7



Abundance Ion 94.00 (93.70 to 94.70): VV011931.D (-129) (-)

Ion 96.00 (95.70 to 96.70): VV011931.D (-129) (-)





#8

Chloroethane

Concen: 4.569 ug/L

RT: 1.60 min Scan# 159

Delta R.T. -0.00 min

Lab File: VV011931.D

Acq: 18 Jul 2019 11:15

Instrument :

MSVOA\_V

ClientSampleId :

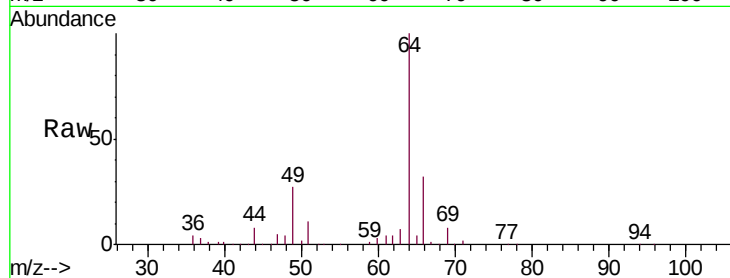
VSTD00541

Tgt Ion: 64 Resp: 46851

Ion Ratio Lower Upper

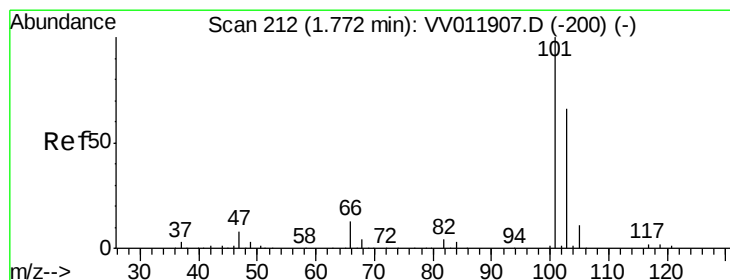
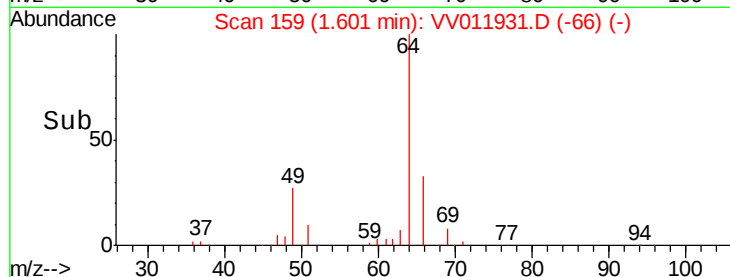
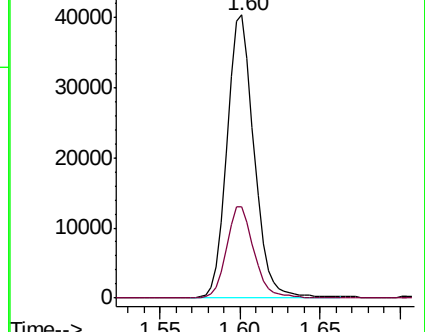
64 100

66 32.5 23.2 43.2



Abundance Ion 64.10 (63.80 to 64.80): VV011931.D (-66) (-)

Ion 66.05 (65.75 to 66.75): VV011931.D (-66) (-)



#9

Trichlorofluoromethane

Concen: 4.915 ug/L

RT: 1.77 min Scan# 211

Delta R.T. -0.00 min

Lab File: VV011931.D

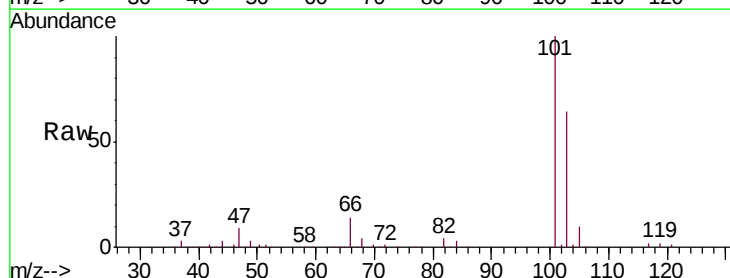
Acq: 18 Jul 2019 11:15

Tgt Ion: 101 Resp: 111432

Ion Ratio Lower Upper

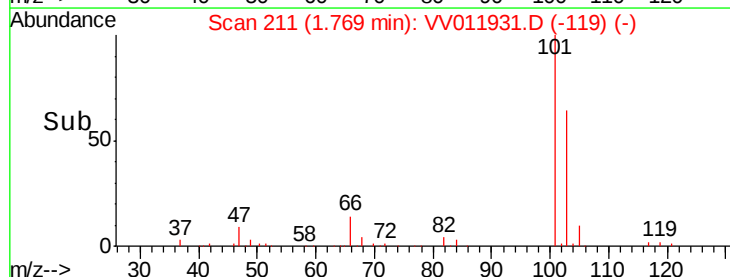
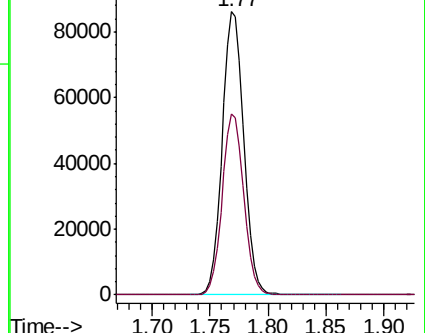
101 100

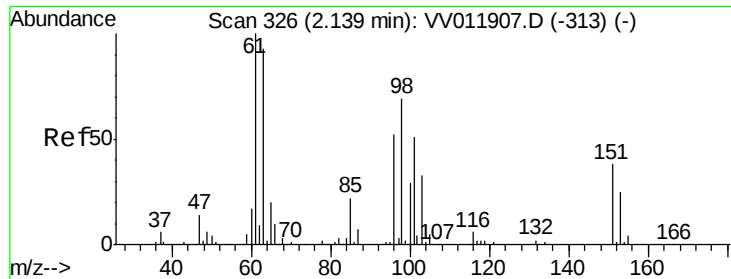
103 63.7 51.0 76.4



Abundance Ion 101.00 (100.70 to 101.70): VV011931.D (-119) (-)

Ion 103.00 (102.70 to 103.70): VV011931.D (-119) (-)





#10

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

Concen: 5.097 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV011931.D

Acq: 18 Jul 2019 11:15

Instrument :

MSVOA\_V

ClientSampleId :

VSTD00541

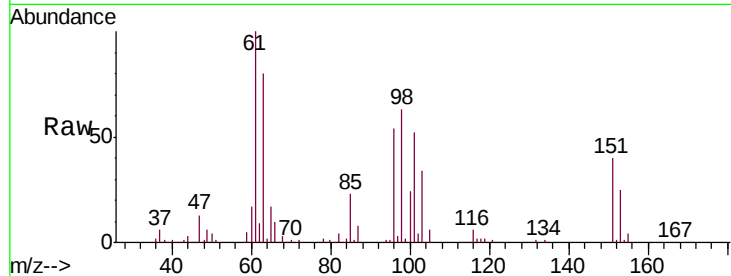
Tgt Ion: 101 Resp: 55824

Ion Ratio Lower Upper

101 100

85 44.6 34.7 52.1

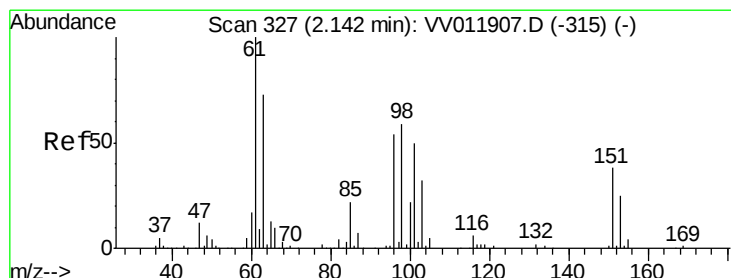
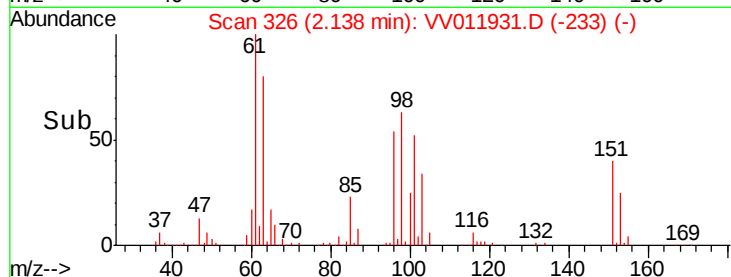
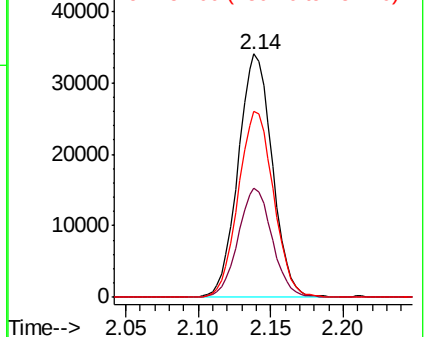
151 78.9 61.5 92.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 5.061 ug/L

RT: 2.14 min Scan# 327

Delta R.T. -0.00 min

Lab File: VV011931.D

Acq: 18 Jul 2019 11:15

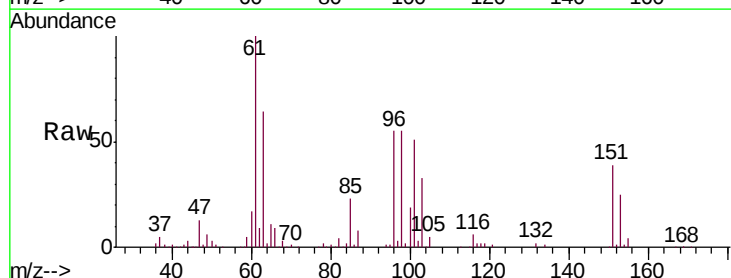
Tgt Ion: 96 Resp: 50952

Ion Ratio Lower Upper

96 100

61 181.2 128.9 239.3

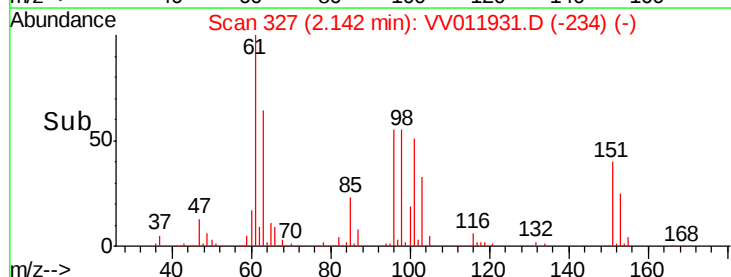
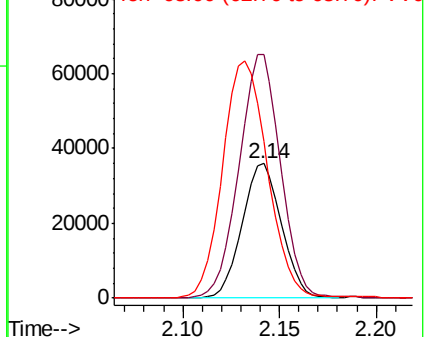
63 116.4 85.5 158.9

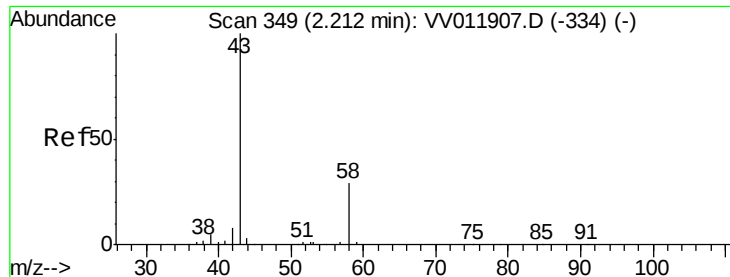


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 49.726 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.00 min

Lab File: VV011931.D

Acq: 18 Jul 2019 11:15

Instrument :

MSVOA\_V

ClientSampleId :

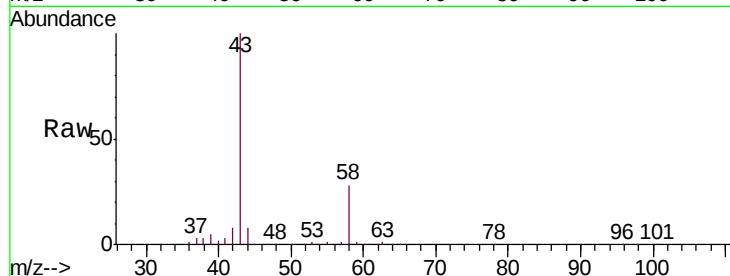
VSTD00541

Tgt Ion: 43 Resp: 88411

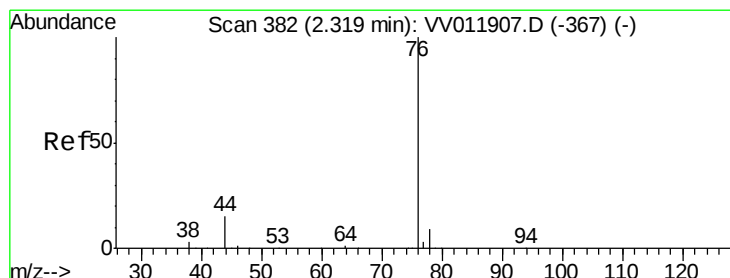
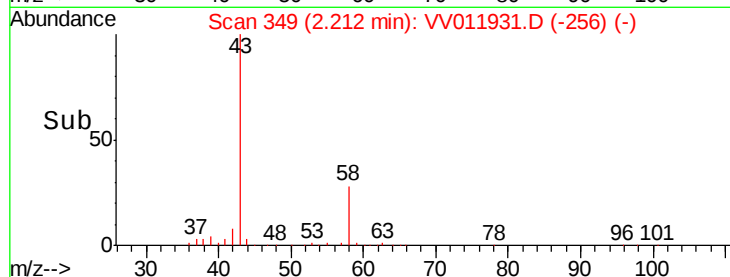
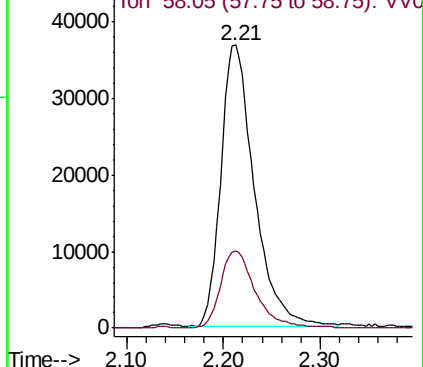
Ion Ratio Lower Upper

43 100

58 29.0 0.0 55.6



Abundance Ion 43.05 (42.75 to 43.75): VV011931.D (-256) (-)



#14

Carbon disulfide

Concen: 4.855 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VV011931.D

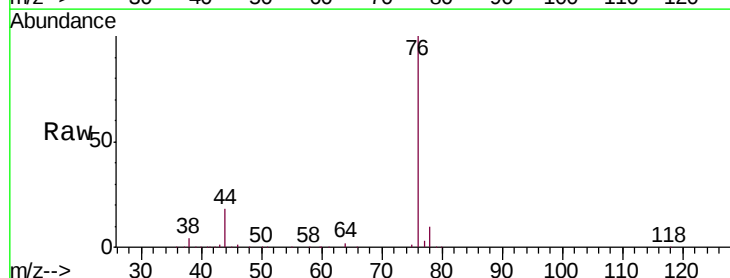
Acq: 18 Jul 2019 11:15

Tgt Ion: 76 Resp: 138545

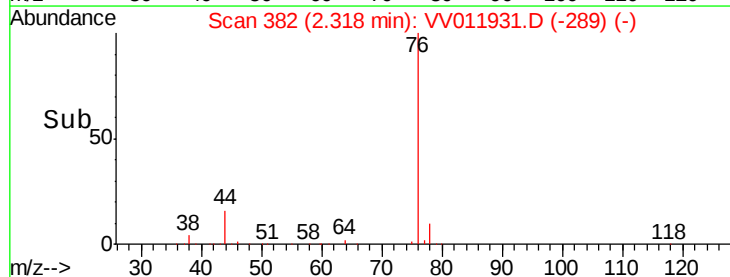
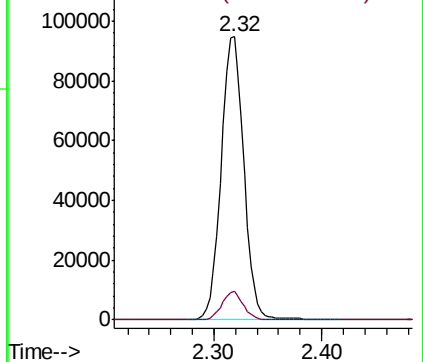
Ion Ratio Lower Upper

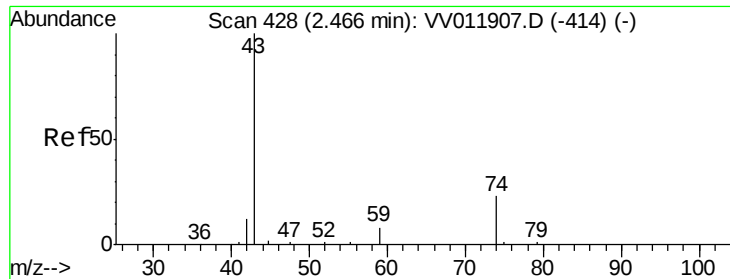
76 100

78 9.9 7.4 11.2



Abundance Ion 76.05 (75.75 to 76.75): VV011931.D (-289) (-)

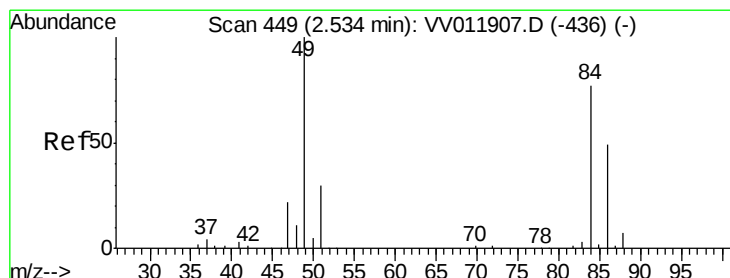
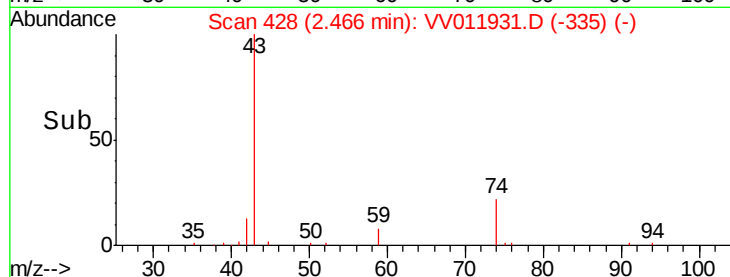
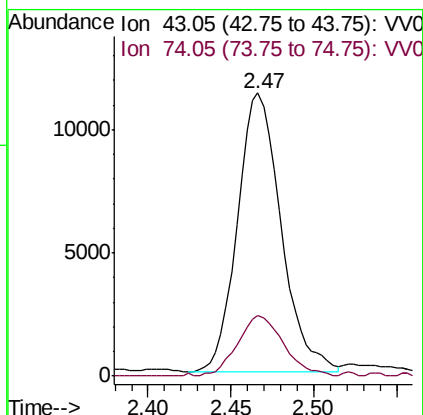
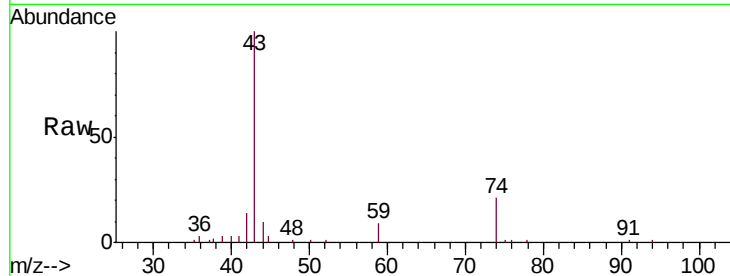




#15  
Methyl Acetate  
Concen: 5.463 ug/L  
RT: 2.47 min Scan# 428  
Delta R.T. -0.00 min  
Lab File: VV011931.D  
Acq: 18 Jul 2019 11:15

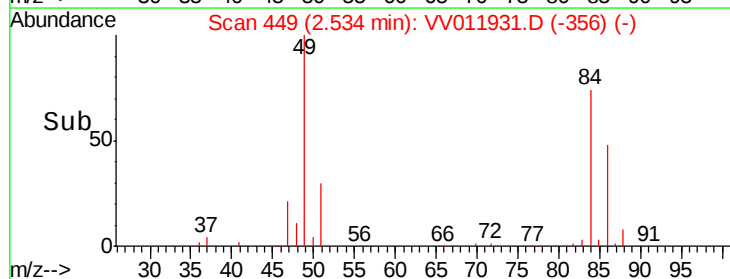
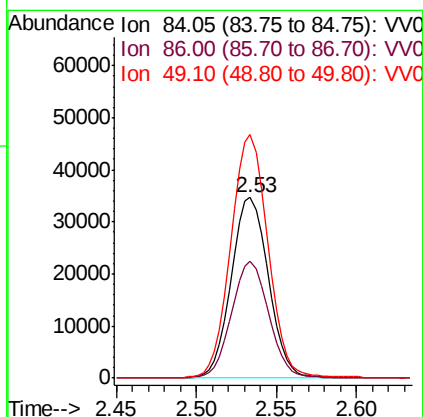
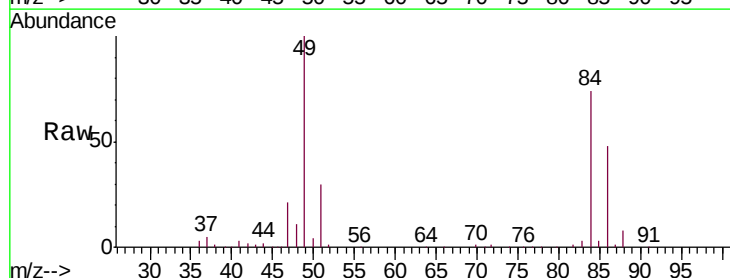
Instrument :  
MSVOA\_V  
ClientSampled :  
VSTD00541

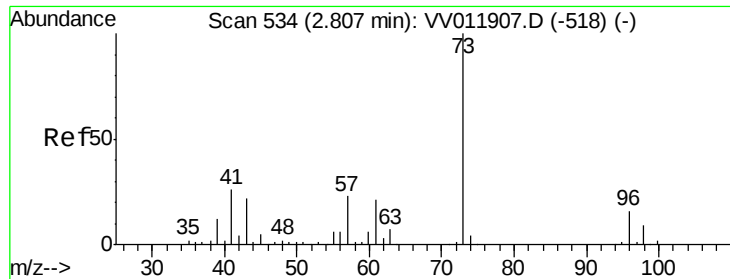
Tgt Ion: 43 Resp: 20651  
Ion Ratio Lower Upper  
43 100  
74 22.9 18.3 27.5



#16  
Methylene chloride  
Concen: 5.228 ug/L  
RT: 2.53 min Scan# 449  
Delta R.T. -0.00 min  
Lab File: VV011931.D  
Acq: 18 Jul 2019 11:15

Tgt Ion: 84 Resp: 55167  
Ion Ratio Lower Upper  
84 100  
86 64.6 44.8 83.2  
49 135.0 90.4 168.0

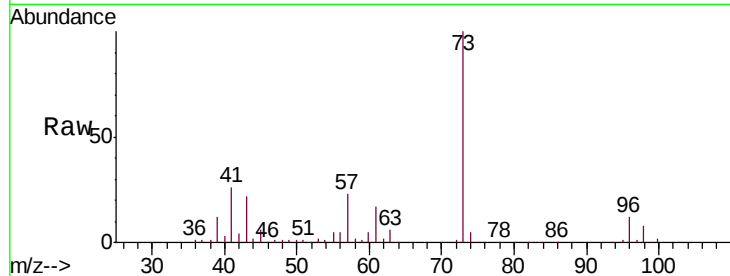




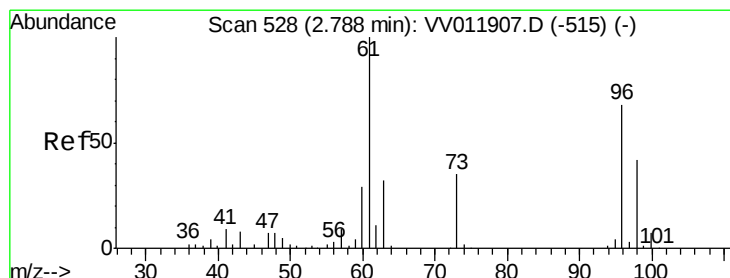
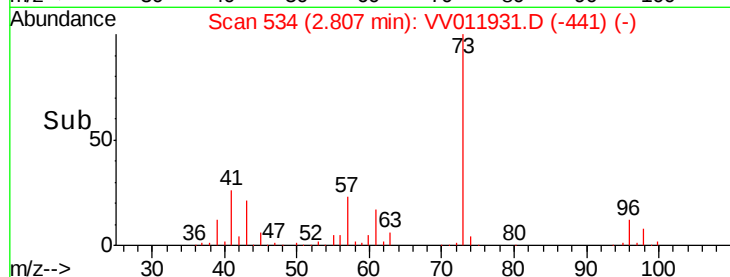
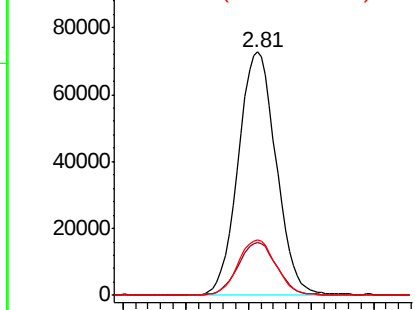
#17  
Methyl tert-butyl Ether  
Concen: 5.023 ug/L  
RT: 2.81 min Scan# 534  
Delta R.T. -0.00 min  
Lab File: VV011931.D  
Acq: 18 Jul 2019 11:15

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00541

Tgt Ion: 73 Resp: 152954  
Ion Ratio Lower Upper  
73 100  
43 21.9 17.6 26.4  
57 23.2 17.8 26.8

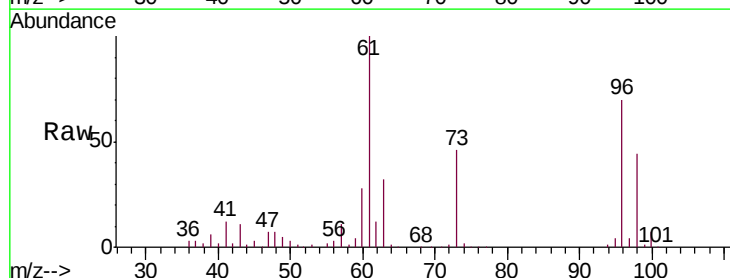


Abundance Ion 73.10 (72.80 to 73.80): VV0  
Ion 43.05 (42.75 to 43.75): VV0  
Ion 57.10 (56.80 to 57.80): VV0

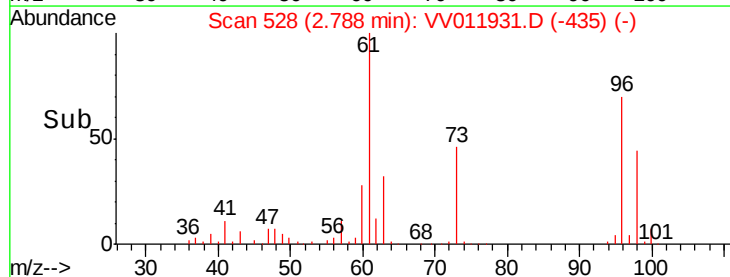
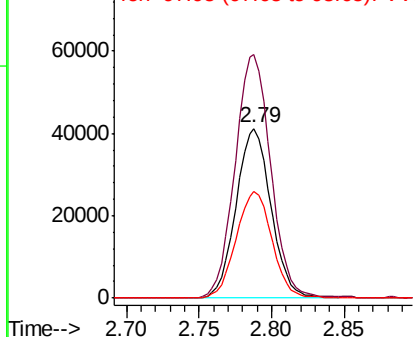


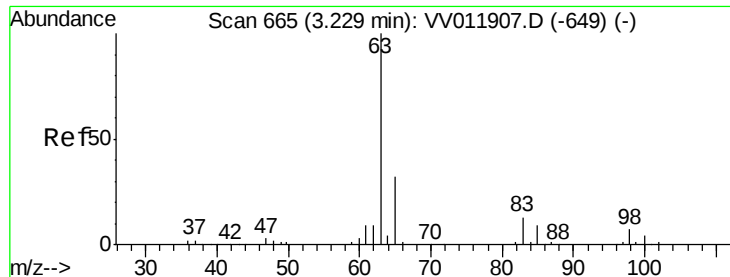
#18  
trans-1,2-Dichloroethene  
Concen: 4.884 ug/L  
RT: 2.79 min Scan# 528  
Delta R.T. -0.00 min  
Lab File: VV011931.D  
Acq: 18 Jul 2019 11:15

Tgt Ion: 96 Resp: 69120  
Ion Ratio Lower Upper  
96 100  
61 143.6 102.2 189.8  
98 62.5 44.4 82.5



Abundance Ion 96.00 (95.70 to 96.70): VV0  
Ion 61.05 (60.75 to 61.75): VV0  
Ion 97.95 (97.65 to 98.65): VV0

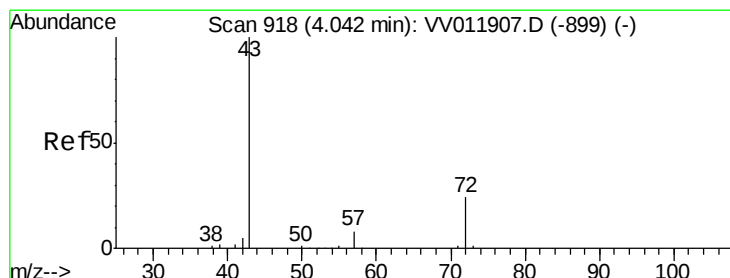
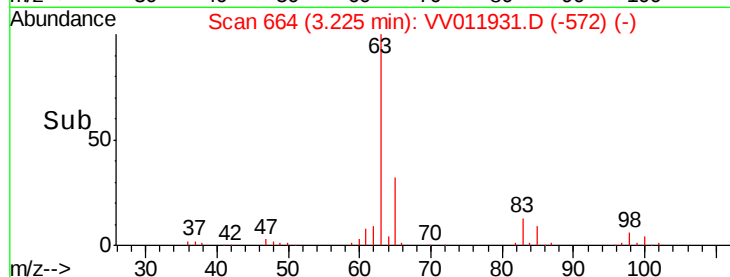
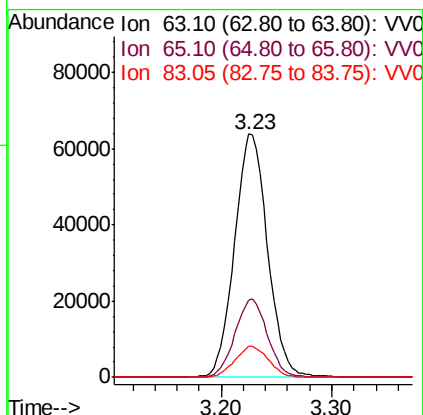
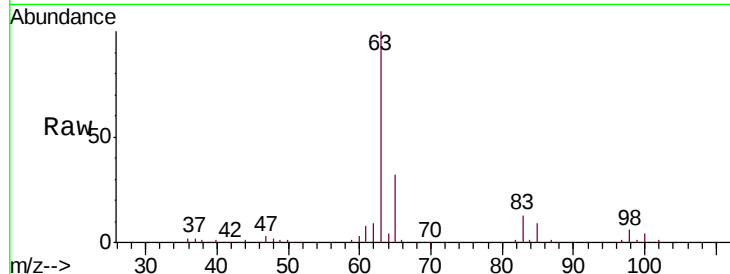




#19  
 1,1-Dichloroethane  
 Concen: 4.975 ug/L  
 RT: 3.23 min Scan# 664  
 Delta R.T. -0.00 min  
 Lab File: VV011931.D  
 Acq: 18 Jul 2019 11:15

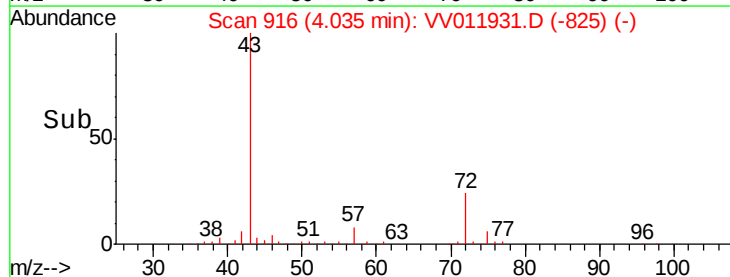
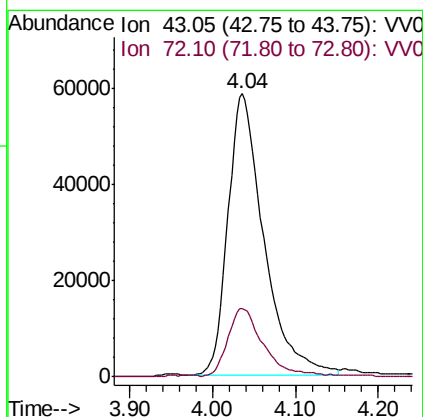
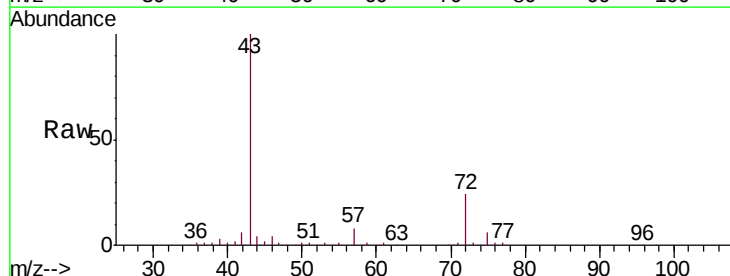
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD00541

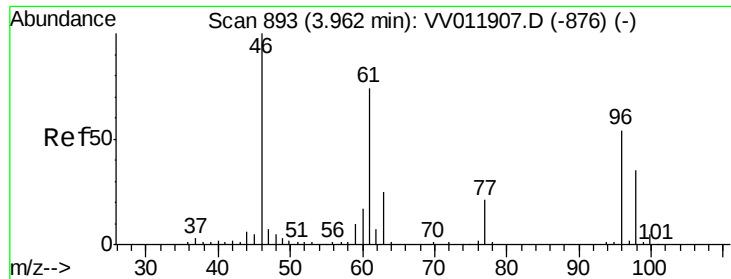
Tgt Ion: 63 Resp: 132751  
 Ion Ratio Lower Upper  
 63 100  
 65 31.9 22.7 42.3  
 83 12.8 9.4 17.6



#21  
 2-Butanone  
 Concen: 50.455 ug/L  
 RT: 4.04 min Scan# 916  
 Delta R.T. -0.01 min  
 Lab File: VV011931.D  
 Acq: 18 Jul 2019 11:15

Tgt Ion: 43 Resp: 175886  
 Ion Ratio Lower Upper  
 43 100  
 72 23.8 11.2 33.6



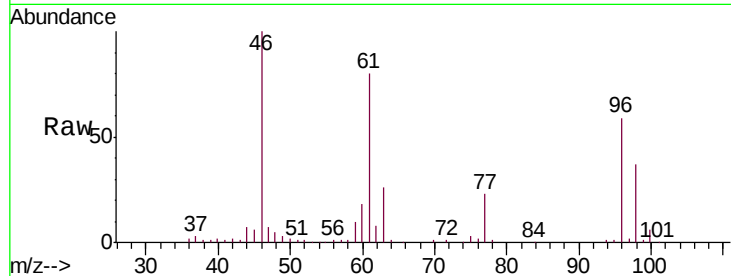


#22

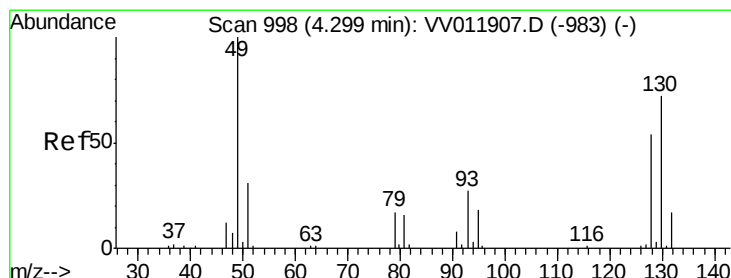
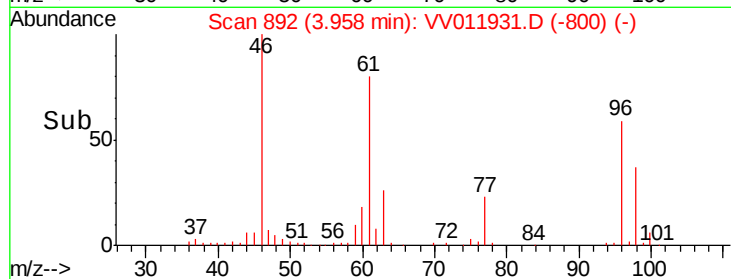
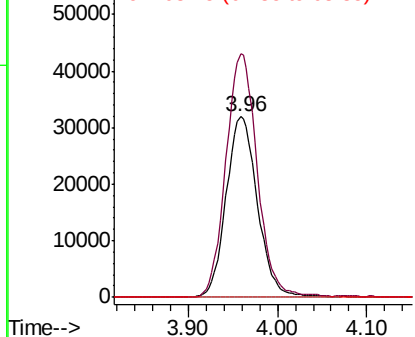
cis-1,2-Dichloroethene  
Concen: 5.328 ug/L  
RT: 3.96 min Scan# 892  
Delta R.T. -0.00 min  
Lab File: VV011931.D  
Acq: 18 Jul 2019 11:15

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00541

Tgt Ion: 96 Resp: 77627  
Ion Ratio Lower Upper  
96 100  
61 134.7 95.2 176.8  
68 0.0 0.0 0.0



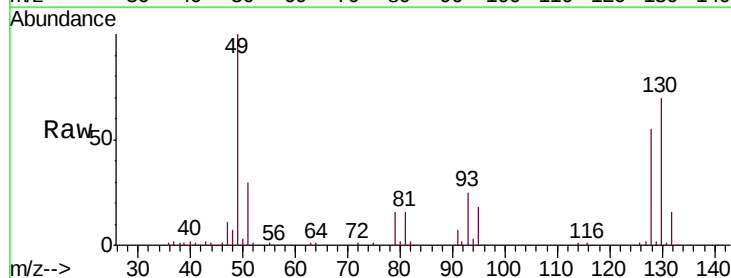
Abundance Ion 96.00 (95.70 to 96.70): VV0  
Ion 61.05 (60.75 to 61.75): VV0  
Ion 68.15 (67.85 to 68.85): VV0



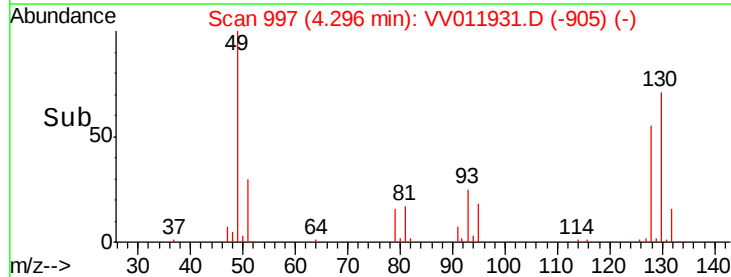
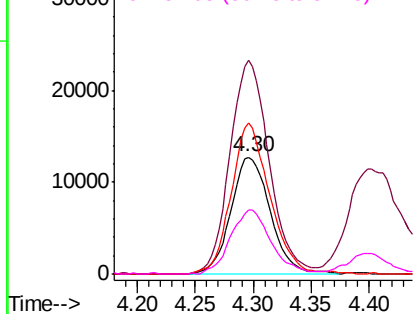
#23

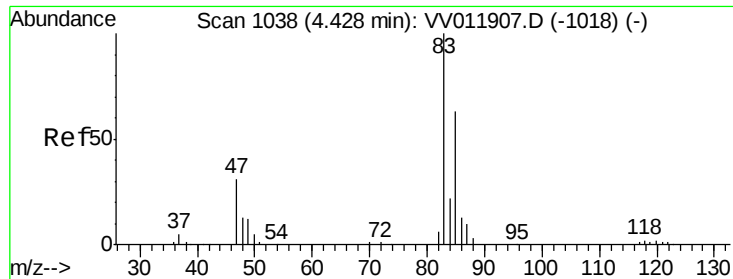
Bromochloromethane  
Concen: 5.034 ug/L  
RT: 4.30 min Scan# 997  
Delta R.T. -0.00 min  
Lab File: VV011931.D  
Acq: 18 Jul 2019 11:15

Tgt Ion: 128 Resp: 30009  
Ion Ratio Lower Upper  
128 100  
49 182.7 132.5 246.1  
130 128.8 92.1 171.1  
51 55.0 44.2 66.2



Abundance Ion 127.90 (127.60 to 128.60): V  
Ion 49.10 (48.80 to 49.80): VV0  
Ion 129.95 (129.65 to 130.65): V  
Ion 51.05 (50.75 to 51.75): VV0

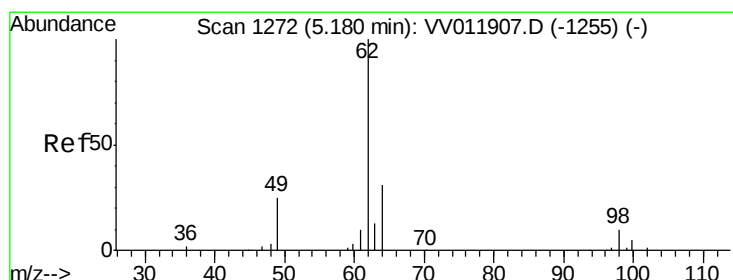
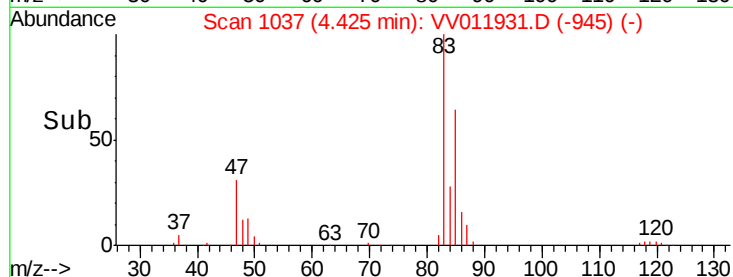
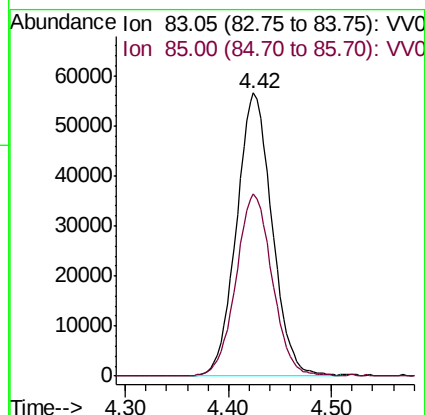
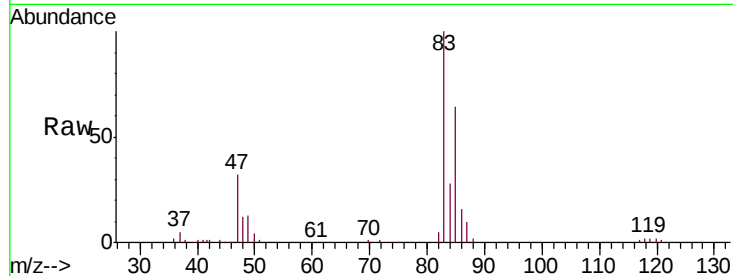




#25  
Chloroform  
Concen: 4.715 ug/L  
RT: 4.42 min Scan# 1037  
Delta R.T. -0.00 min  
Lab File: VV011931.D  
Acq: 18 Jul 2019 11:15

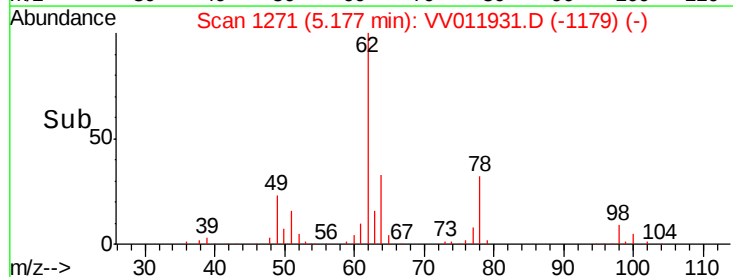
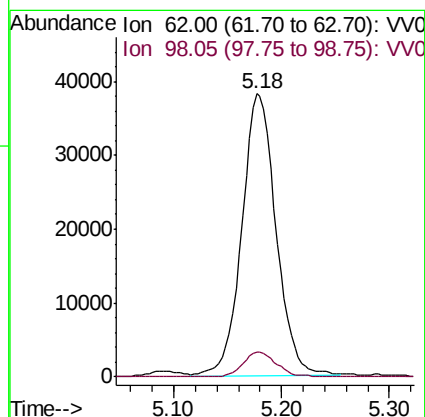
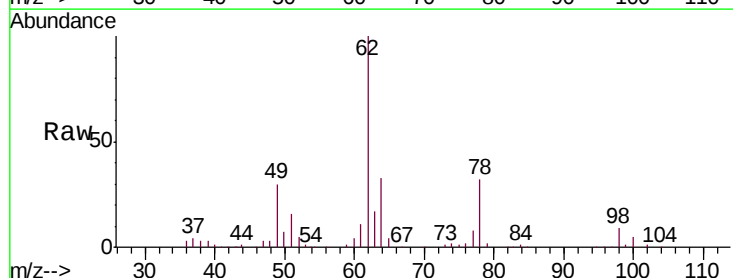
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD00541

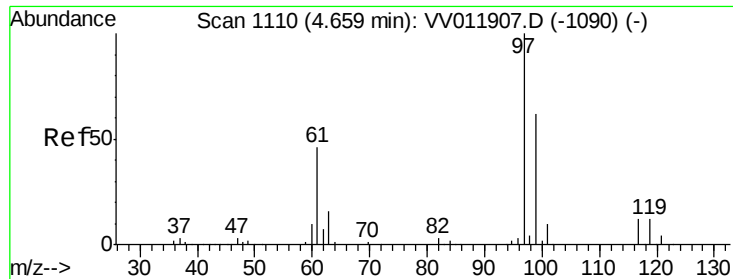
Tgt Ion: 83 Resp: 135702  
Ion Ratio Lower Upper  
83 100  
85 64.4 42.5 78.9



#27  
1,2-Dichloroethane  
Concen: 4.957 ug/L  
RT: 5.18 min Scan# 1271  
Delta R.T. -0.00 min  
Lab File: VV011931.D  
Acq: 18 Jul 2019 11:15

Tgt Ion: 62 Resp: 84037  
Ion Ratio Lower Upper  
62 100  
98 8.6 7.2 10.8

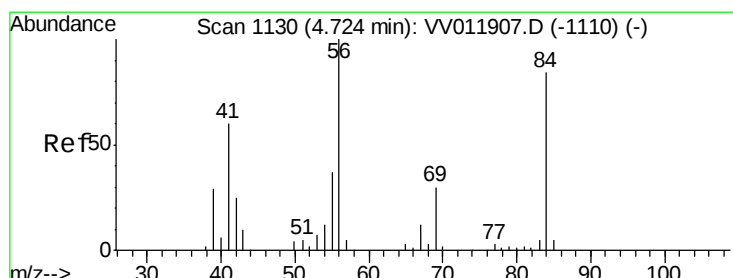
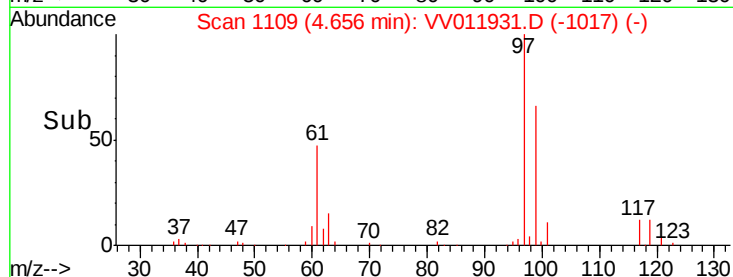
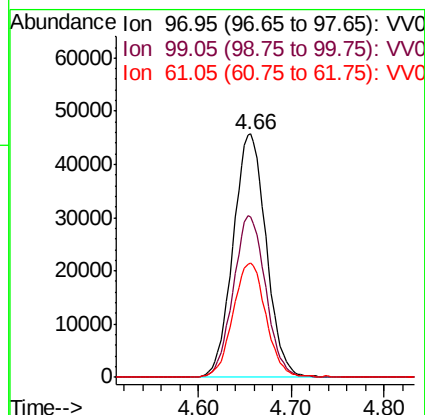
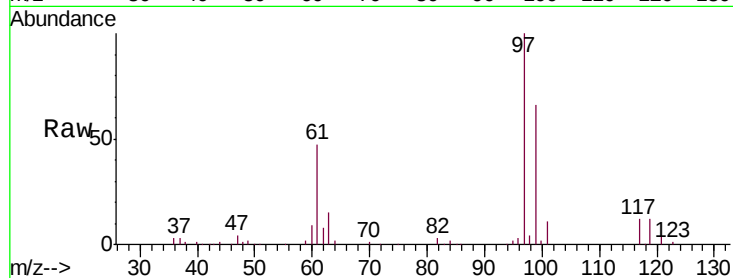




#29  
 1,1,1-Trichloroethane  
 Concen: 5.135 ug/L  
 RT: 4.66 min Scan# 1109  
 Delta R.T. -0.00 min  
 Lab File: VV011931.D  
 Acq: 18 Jul 2019 11:15

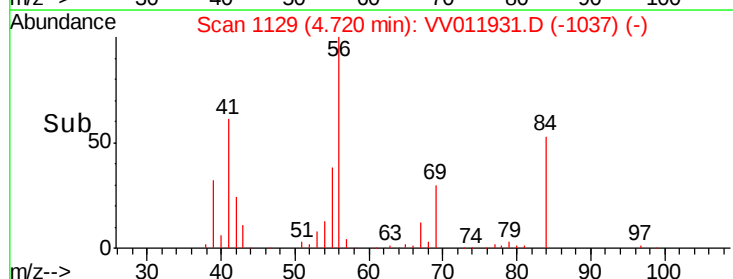
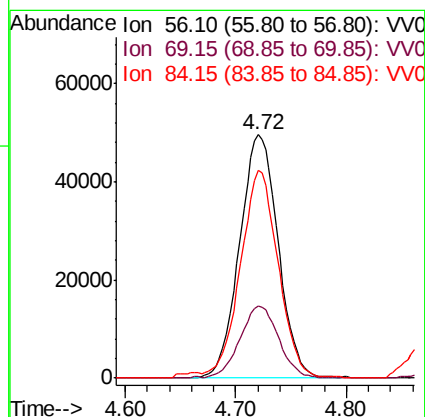
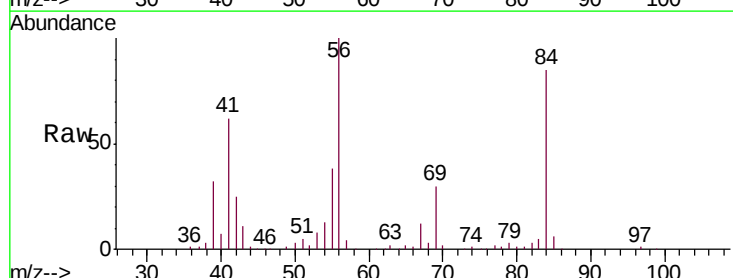
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD00541

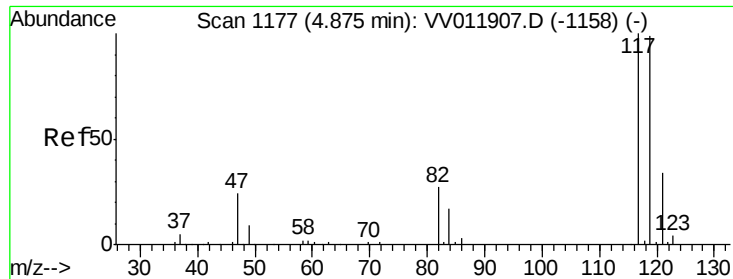
Tgt Ion: 97 Resp: 112957  
 Ion Ratio Lower Upper  
 97 100  
 99 65.1 51.1 76.7  
 61 47.1 38.6 57.8



#30  
 Cyclohexane  
 Concen: 5.134 ug/L  
 RT: 4.72 min Scan# 1129  
 Delta R.T. -0.00 min  
 Lab File: VV011931.D  
 Acq: 18 Jul 2019 11:15

Tgt Ion: 56 Resp: 120258  
 Ion Ratio Lower Upper  
 56 100  
 69 29.6 23.8 35.8  
 84 83.9 66.3 99.5





#31

Carbon tetrachloride

Concen: 5.085 ug/L

RT: 4.87 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VV011931.D

Acq: 18 Jul 2019 11:15

Instrument :

MSVOA\_V

ClientSampleId :

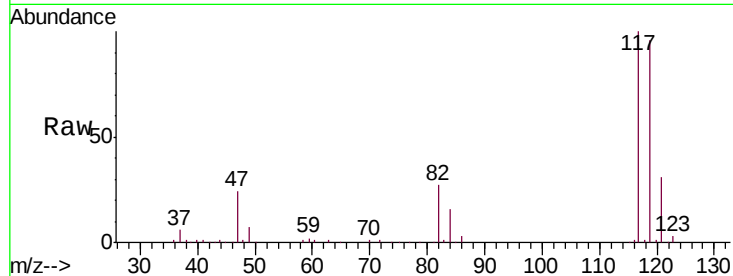
VSTD00541

Tgt Ion:117 Resp: 97678

Ion Ratio Lower Upper

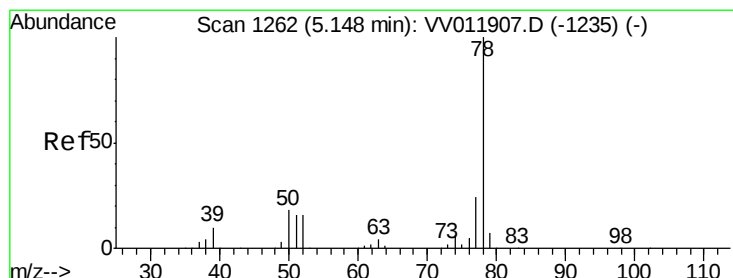
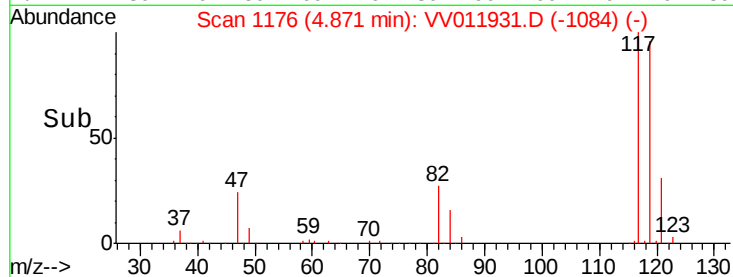
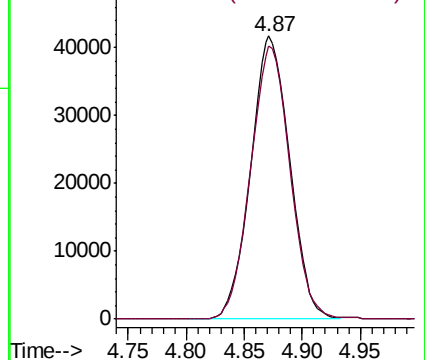
117 100

119 97.6 77.4 116.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 5.135 ug/L

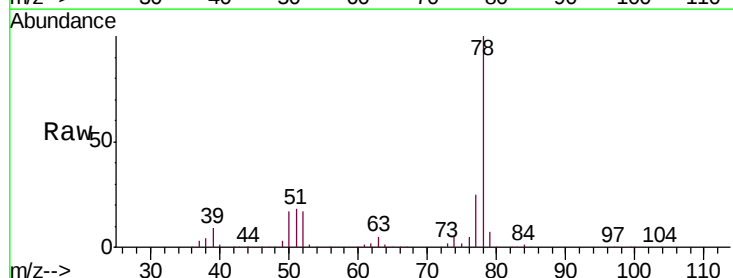
RT: 5.14 min Scan# 1261

Delta R.T. -0.00 min

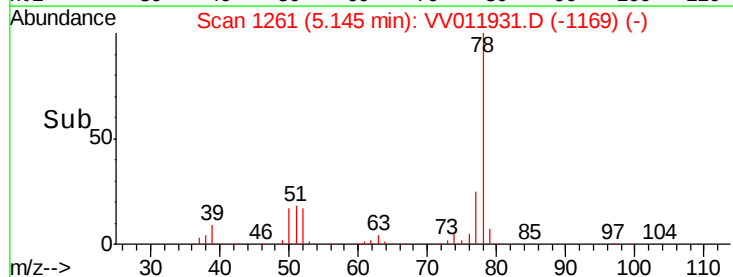
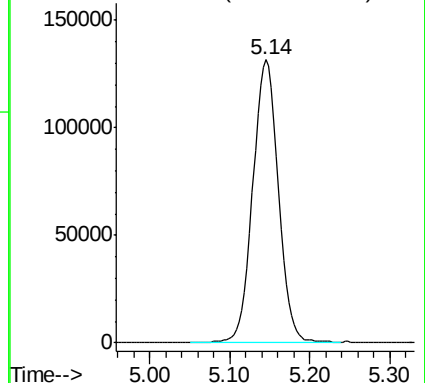
Lab File: VV011931.D

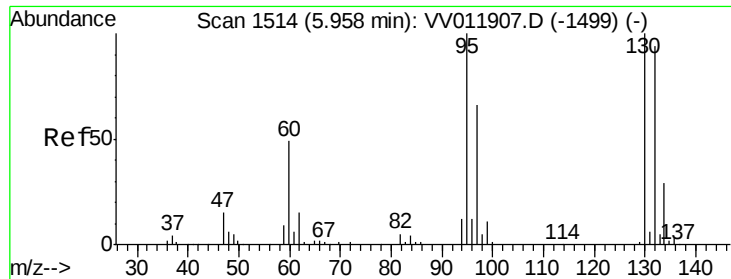
Acq: 18 Jul 2019 11:15

Tgt Ion: 78 Resp: 287611



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 5.037 ug/L

RT: 5.95 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV011931.D

Acq: 18 Jul 2019 11:15

Instrument :

MSVOA\_V

ClientSampleId :

VSTD00541

Tgt Ion: 95 Resp: 78396

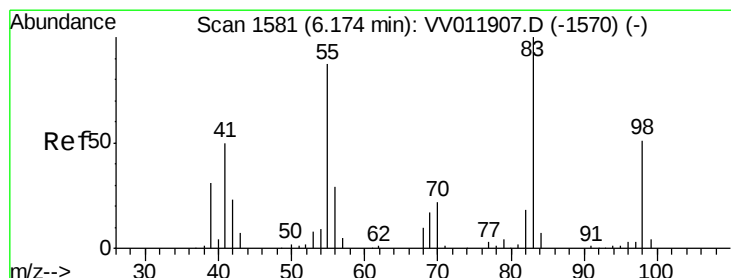
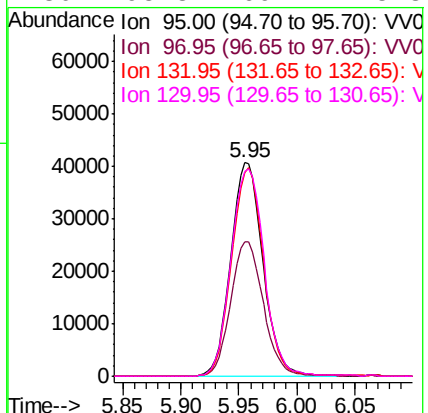
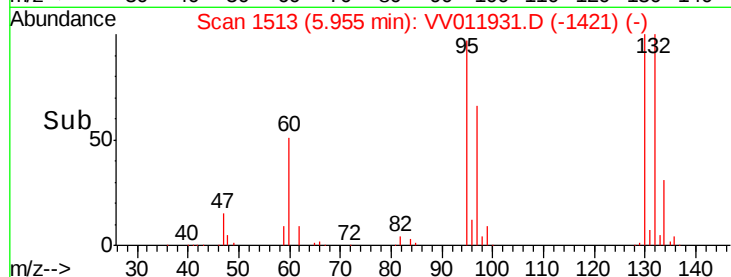
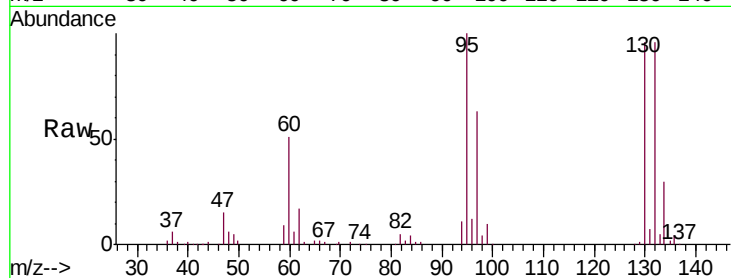
Ion Ratio Lower Upper

95 100

97 63.2 44.0 81.6

132 95.6 67.0 124.4

130 95.8 69.1 128.3



#35

Methylcyclohexane

Concen: 5.130 ug/L

RT: 6.17 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VV011931.D

Acq: 18 Jul 2019 11:15

Tgt Ion: 83 Resp: 121118

Ion Ratio Lower Upper

83 100

55 83.6 66.7 100.1

98 50.4 39.0 58.4

