

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\  
 Data File : VX002316.D  
 Acq On : 05 Jun 2018 19:58  
 Operator : JC/MD  
 Sample : J3268-07  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 DUP-0465-180530

Quant Time: Jun 06 04:34:23 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X060418W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 05 03:22:35 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 231200   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 341008   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 318763   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 178578   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07   | 65   | 164903   | 49.87 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 99.74% |          |
| 35) Dibromofluoromethane    | 5.51   | 113  | 120856   | 45.07 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 90.14% |          |
| 50) Toluene-d8              | 8.72   | 98   | 496041   | 48.26 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 96.52% |          |
| 62) 4-Bromofluorobenzene    | 11.14  | 95   | 174306   | 43.98 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 87.96% |          |

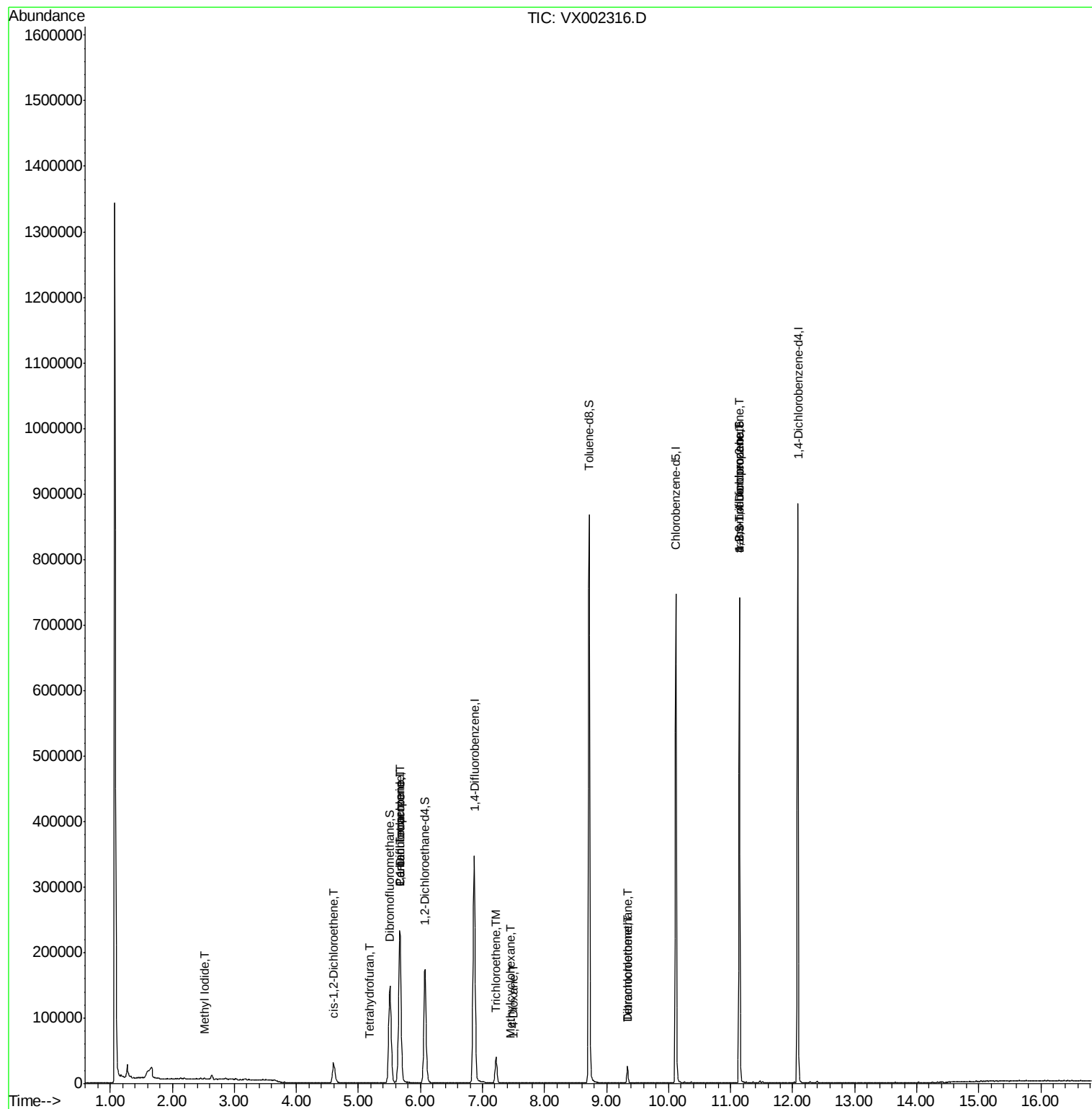
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units | Qvalue |
|--------------------------------|-------|------|----------|-----------|-------|--------|
| 3) Chloromethane               | 1.33  | 50   | 546      | Below Cal | #     | 83     |
| 5) Bromomethane                | 1.64  | 94   | 1584     | Below Cal |       | 83     |
| 8) Diethyl Ether               | 2.23  | 74   | 48       | Below Cal |       | 68     |
| 10) Methyl Iodide              | 2.51  | 142  | 933      | 0.27      | ug/l  | # 95   |
| 11) Tert butyl alcohol         | 3.02  | 59   | 995      | Below Cal | #     | 94     |
| 13) Acrolein                   | 2.32  | 56   | 193      | Below Cal | #     | 48     |
| 15) Acrylonitrile              | 3.17  | 53   | 84       | Below Cal | #     | 1      |
| 16) Acetone                    | 2.45  | 43   | 1614     | Below Cal |       | 91     |
| 18) Methyl Acetate             | 2.78  | 43   | 395      | Below Cal |       | 94     |
| 19) Methyl tert-butyl Ether    | 3.21  | 73   | 165      | Below Cal | #     | 1      |
| 20) Methylene Chloride         | 2.86  | 84   | 456      | Below Cal | #     | 87     |
| 22) Diisopropyl ether          | 3.88  | 45   | 198      | Below Cal | #     | 48     |
| 27) cis-1,2-Dichloroethene     | 4.60  | 96   | 17850    | 6.05      | ug/l  | 98     |
| 28) Bromochloromethane         | 5.06  | 49   | 29       | Below Cal | #     | 13     |
| 29) Tetrahydrofuran            | 5.18  | 42   | 346      | 0.24      | ug/l  | # 53   |
| 36) 1,1-Dichloropropene        | 5.67  | 75   | 17255    | 4.81      | ug/l  | # 49   |
| 38) Carbon Tetrachloride       | 5.67  | 117  | 21834    | 5.82      | ug/l  | # 16   |
| 39) Methylcyclohexane          | 7.45  | 83   | 189      | 0.30      | ug/l  | # 16   |
| 44) Trichloroethene            | 7.22  | 130  | 15164    | 4.97      | ug/l  | 89     |
| 49) 1,4-Dioxane                | 7.50  | 88   | 20       | 0.29      | ug/l  | # 1    |
| 60) Dibromochloromethane       | 9.34  | 129  | 4453     | 1.54      | ug/l  | # 11   |
| 64) Tetrachloroethene          | 9.34  | 164  | 4670     | 1.42      | ug/l  | 95     |
| 76) 1,2,3-Trichloropropane     | 11.14 | 75   | 93319    | 23.82     | ug/l  | # 33   |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75   | 93319    | 83.48     | ug/l  | # 7    |

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

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Quant Title : SW846 8260  
QLast Update : Tue Jun 05 03:22:35 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002316.D

Acq: 05 Jun 2018 19:58

Instrument :

MSVOA\_X

ClientSampleId :

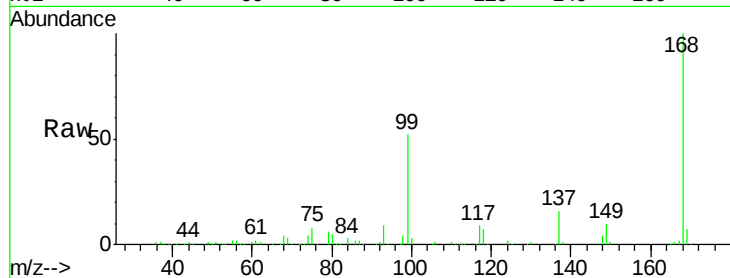
DUP-0465-180530

Tot Ion:168 Resp: 231200

Ion Ratio Lower Upper

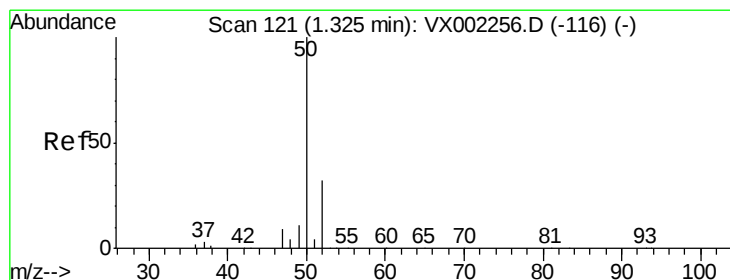
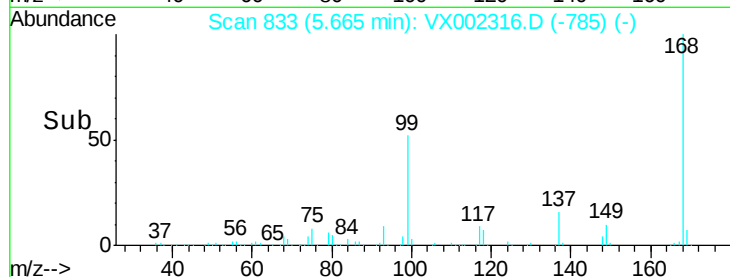
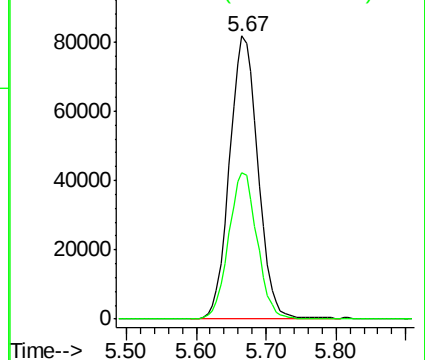
168 100

99 51.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002316.D

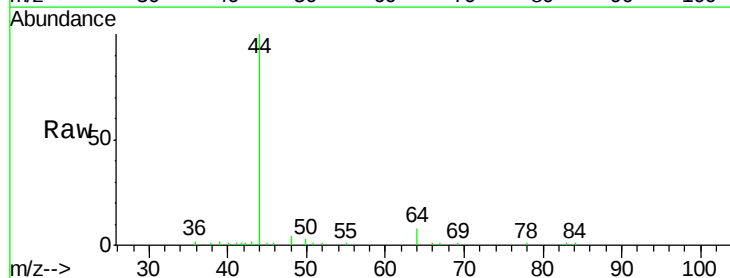
Acq: 05 Jun 2018 19:58

Tgt Ion: 50 Resp: 546

Ion Ratio Lower Upper

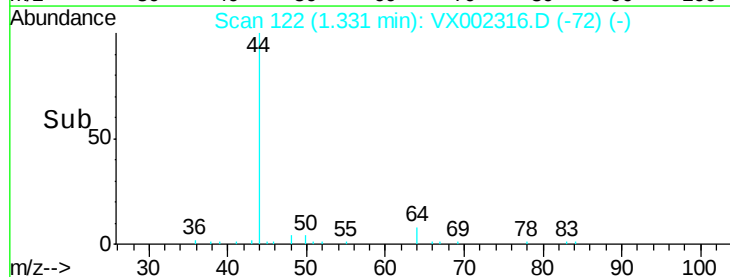
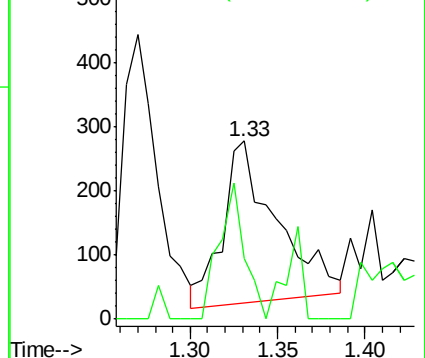
50 100

52 41.4 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002316.D

Acq: 05 Jun 2018 19:58

Instrument :

MSVOA\_X

ClientSampleId :

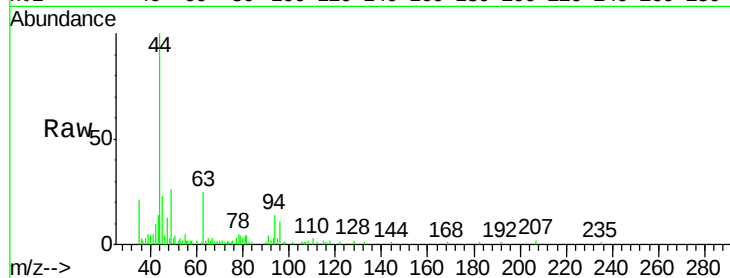
DUP-0465-180530

Tot Ion: 94 Resp: 1584

Ion Ratio Lower Upper

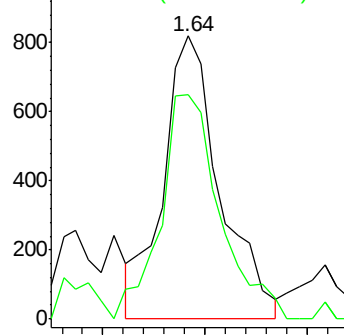
94 100

96 77.7 74.9 112.3

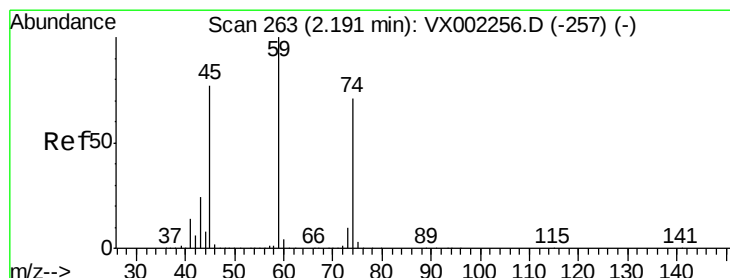
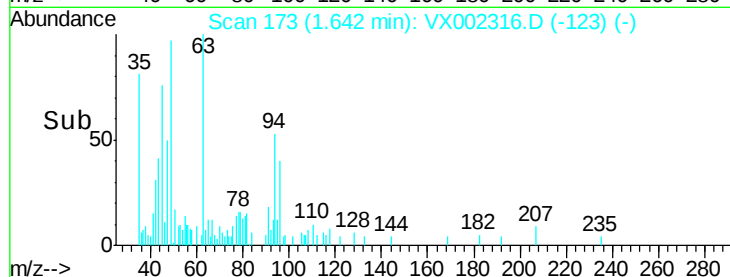


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#8

Diethyl Ether

Concen: Below Cal

RT: 2.23 min Scan# 269

Delta R.T. 0.04 min

Lab File: VX002316.D

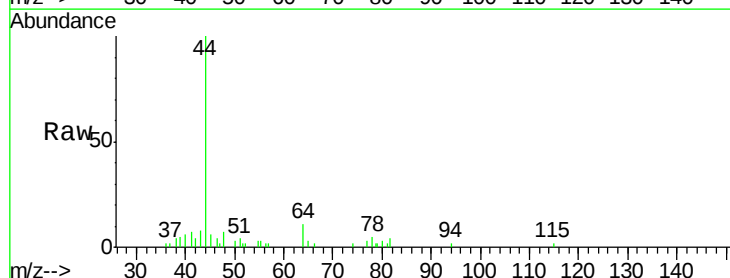
Acq: 05 Jun 2018 19:58

Tgt Ion: 74 Resp: 48

Ion Ratio Lower Upper

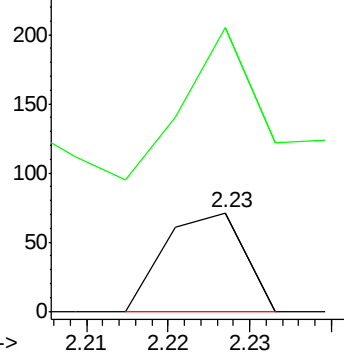
74 100

45 139.6 53.1 159.4

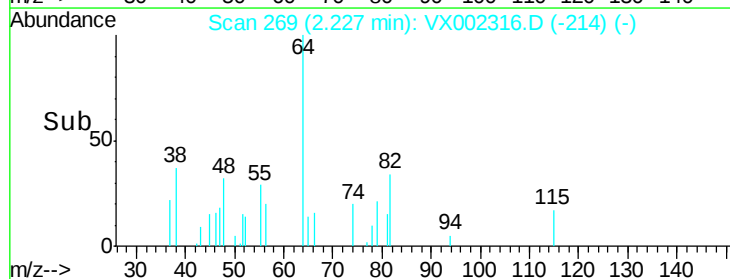


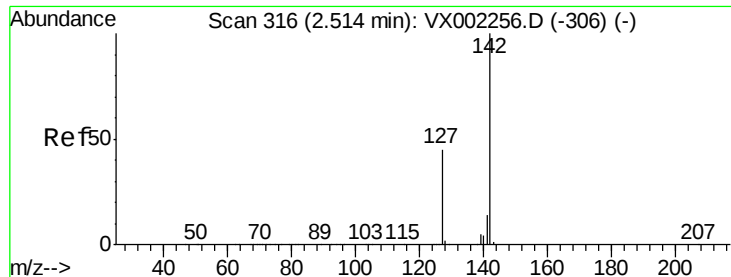
Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



Time-->

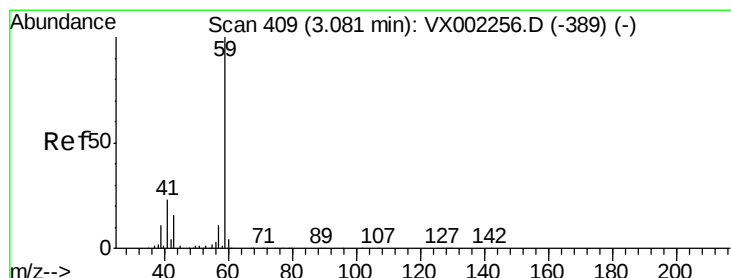
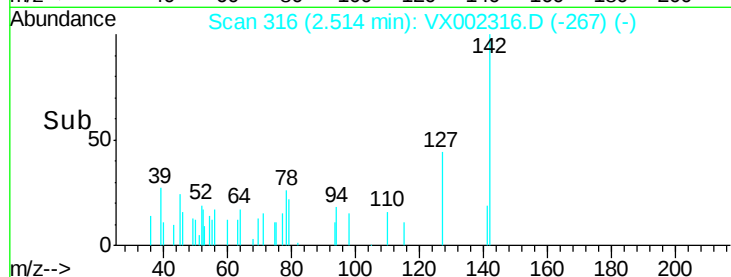
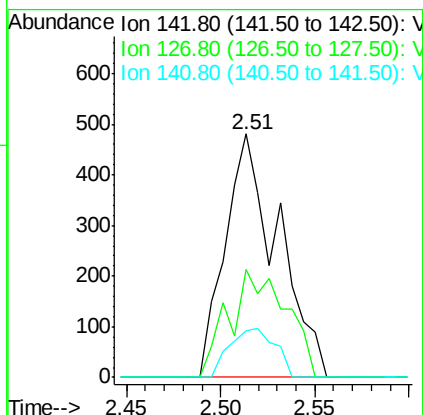
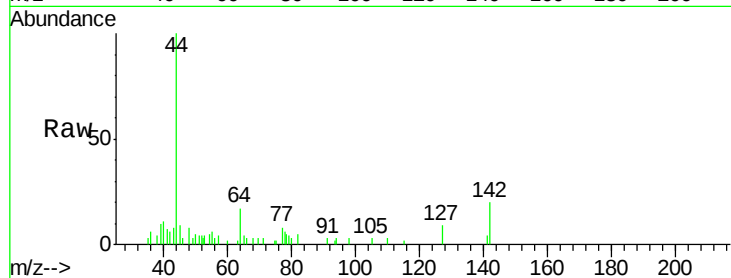




#10  
Methyl Iodide  
Concen: 0.27 ug/l  
RT: 2.51 min Scan# 316  
Delta R.T. -0.00 min  
Lab File: VX002316.D  
Acq: 05 Jun 2018 19:58

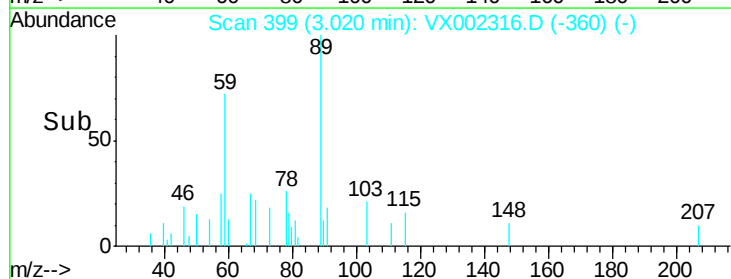
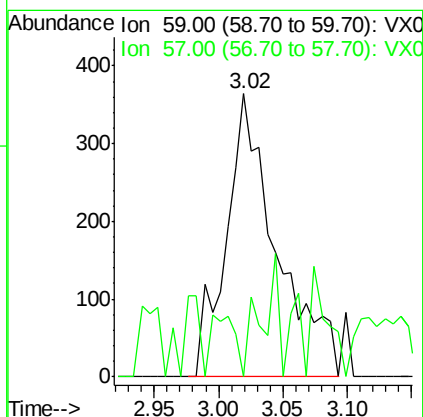
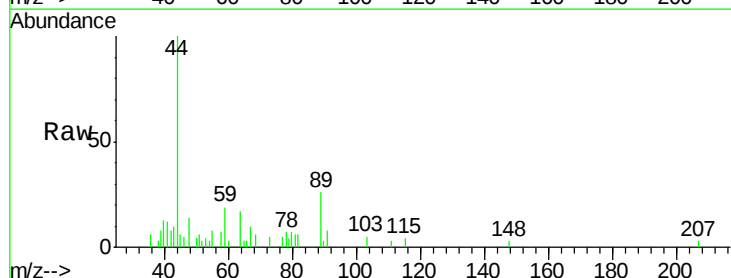
Instrument :  
MSVOA\_X  
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DUP-0465-180530

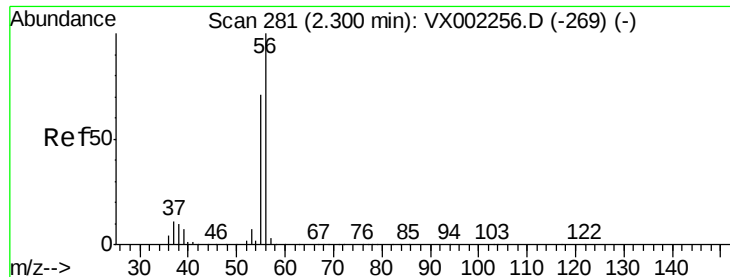
Tot Ion:142 Resp: 933  
Ion Ratio Lower Upper  
142 100  
127 48.1 36.6 55.0  
141 17.6 11.3 16.9#



#11  
Tert butyl alcohol  
Concen: Below Cal  
RT: 3.02 min Scan# 399  
Delta R.T. -0.06 min  
Lab File: VX002316.D  
Acq: 05 Jun 2018 19:58

Tgt Ion: 59 Resp: 995  
Ion Ratio Lower Upper  
59 100  
57 8.1 8.2 12.2#





#13

Acrolein

Concen: Below Cal

RT: 2.32 min Scan# 285

Delta R.T. 0.02 min

Lab File: VX002316.D

Acq: 05 Jun 2018 19:58

Instrument :

MSVOA\_X

ClientSampleId :

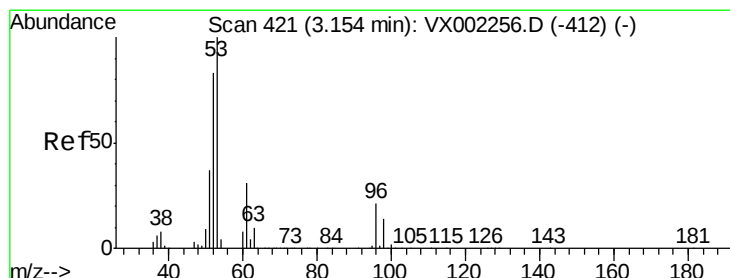
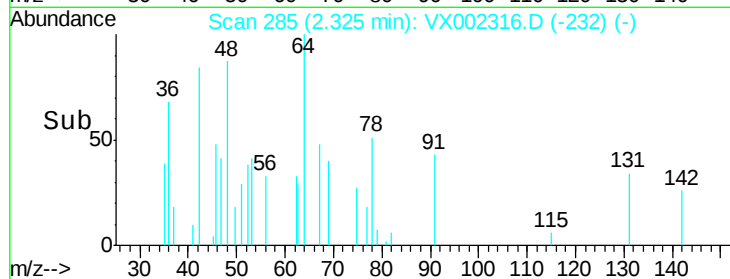
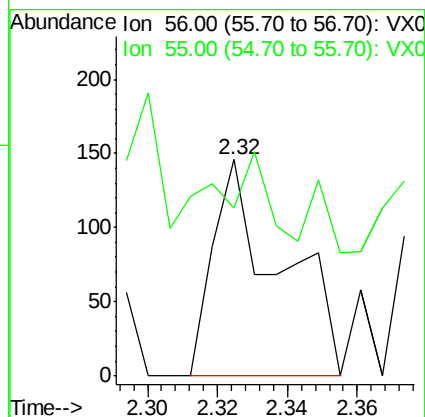
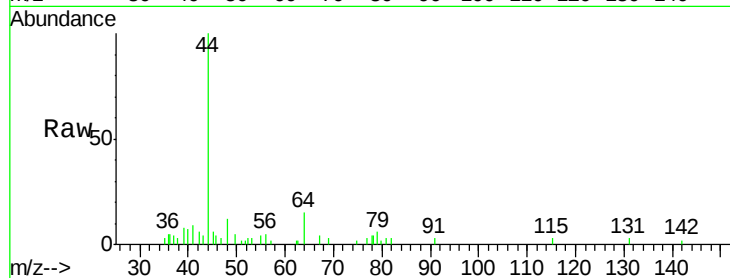
DUP-0465-180530

Tot Ion: 56 Resp: 193

Ion Ratio Lower Upper

56 100

55 28.5 57.0 85.4#



#15

Acrylonitrile

Concen: Below Cal

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX002316.D

Acq: 05 Jun 2018 19:58

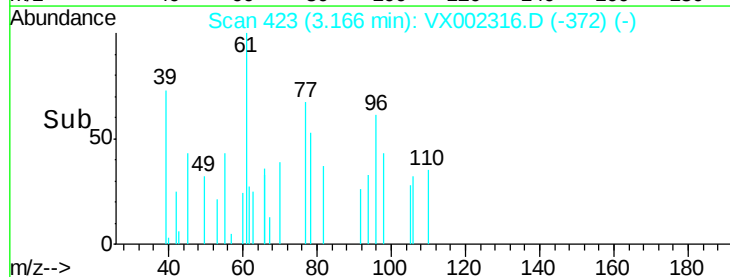
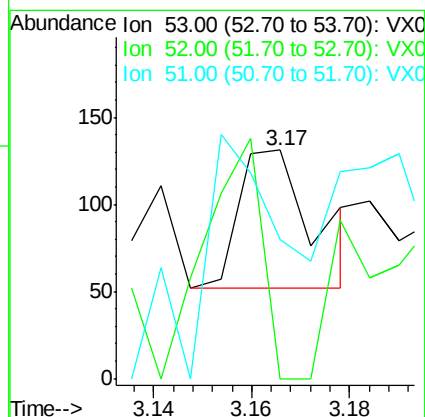
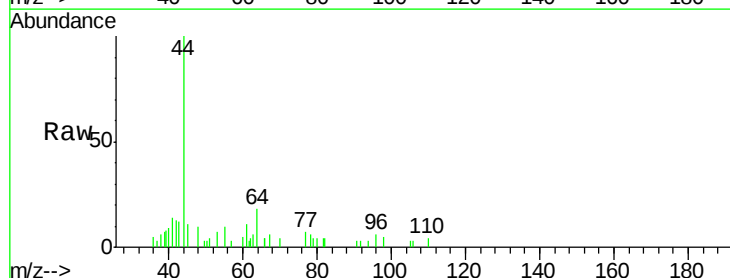
Tgt Ion: 53 Resp: 84

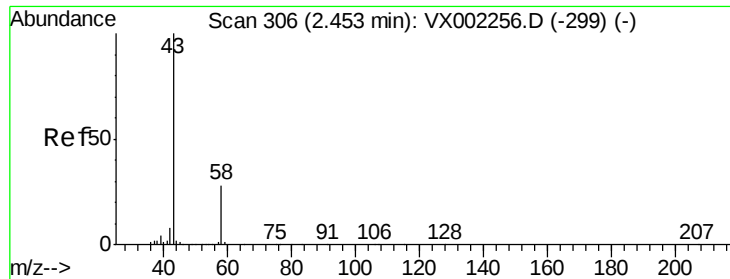
Ion Ratio Lower Upper

53 100

52 131.0 66.7 100.1#

51 204.8 29.9 44.9#





#16

Acetone

Concen: Below Cal

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002316.D

Acq: 05 Jun 2018 19:58

Instrument :

MSVOA\_X

ClientSampleId :

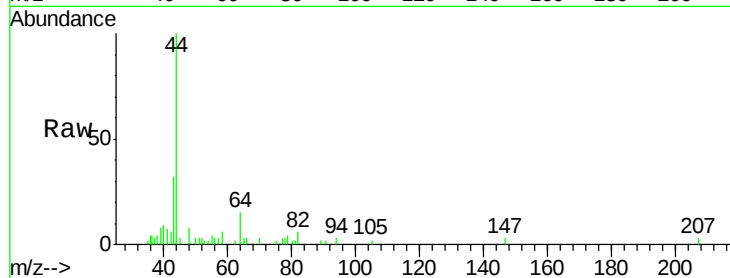
DUP-0465-180530

Tot Ion: 43 Resp: 1614

Ion Ratio Lower Upper

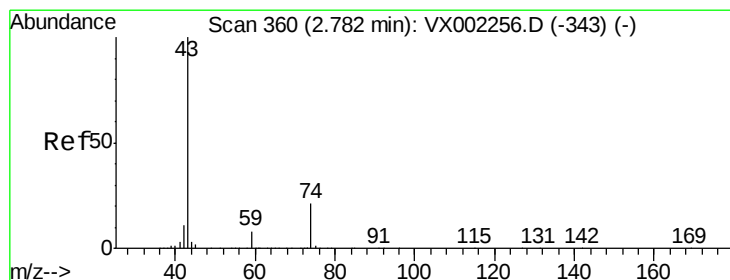
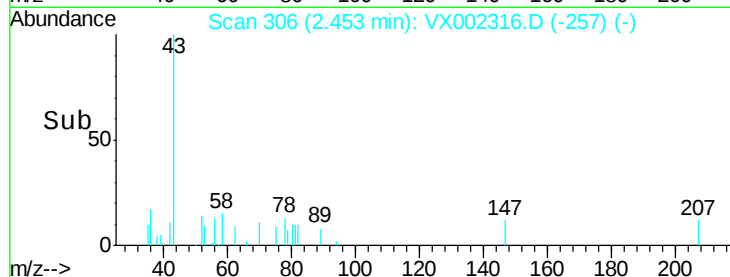
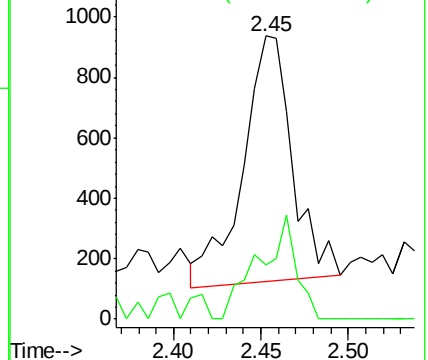
43 100

58 22.7 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: Below Cal

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002316.D

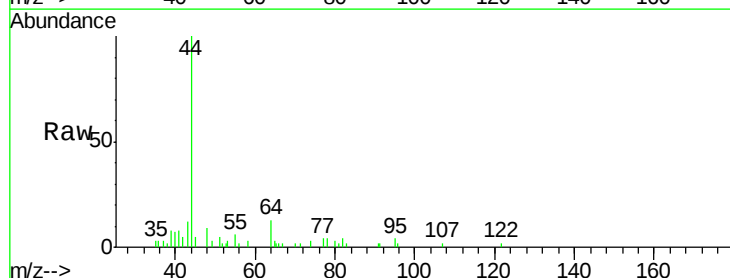
Acq: 05 Jun 2018 19:58

Tgt Ion: 43 Resp: 395

Ion Ratio Lower Upper

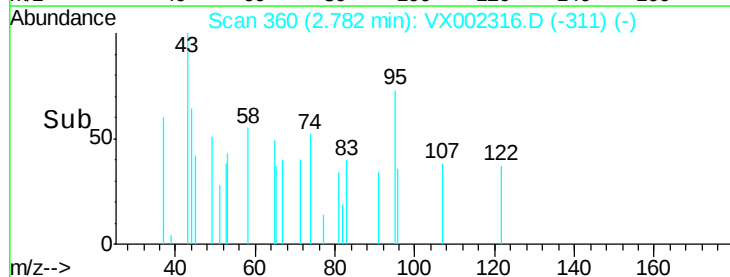
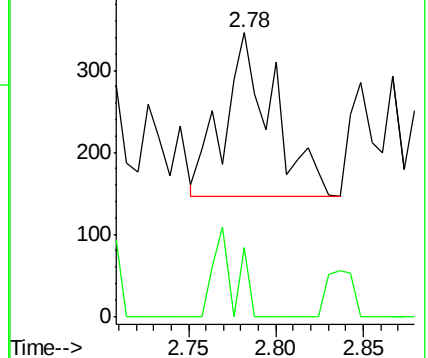
43 100

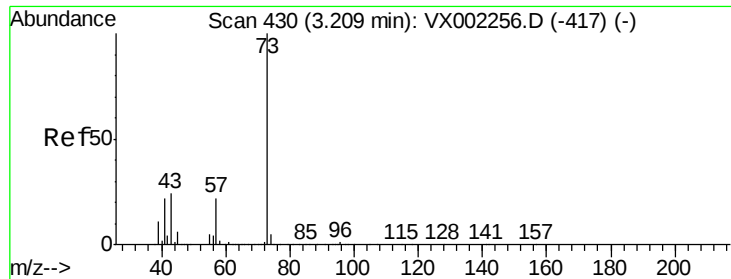
74 23.5 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

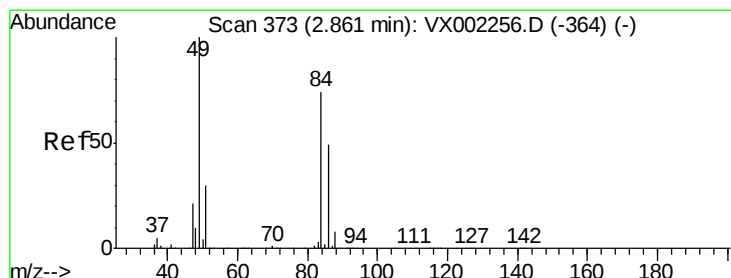
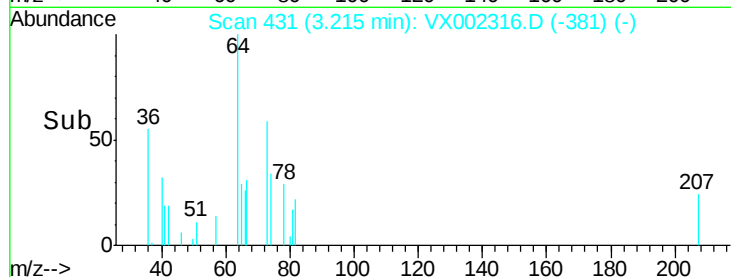
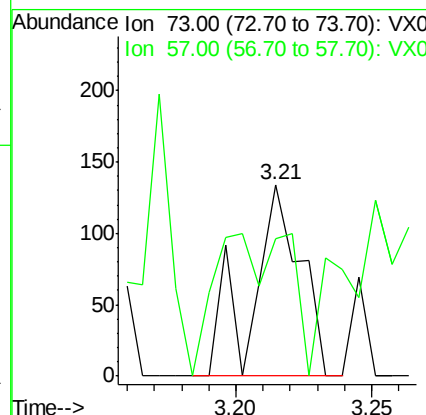
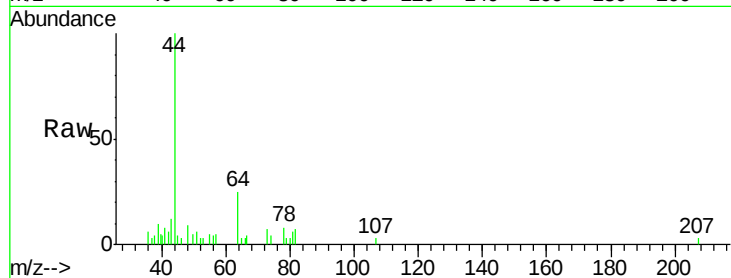




#19  
Methyl tert-butyl Ether  
Concen: Below Cal  
RT: 3.21 min Scan# 431  
Delta R.T. 0.01 min  
Lab File: VX002316.D  
Acq: 05 Jun 2018 19:58

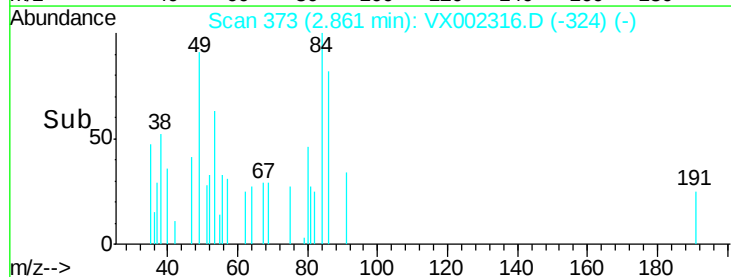
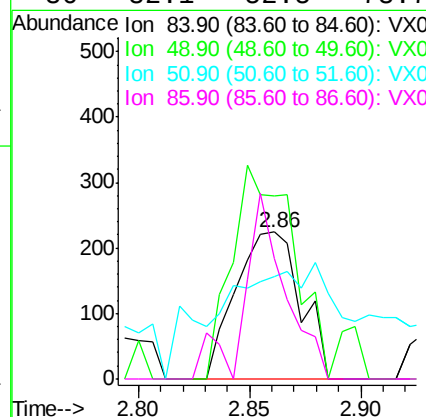
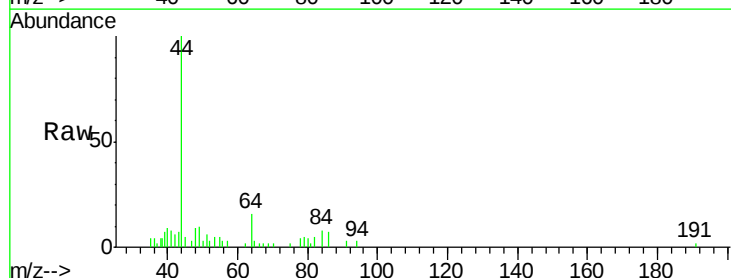
Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP-0465-180530

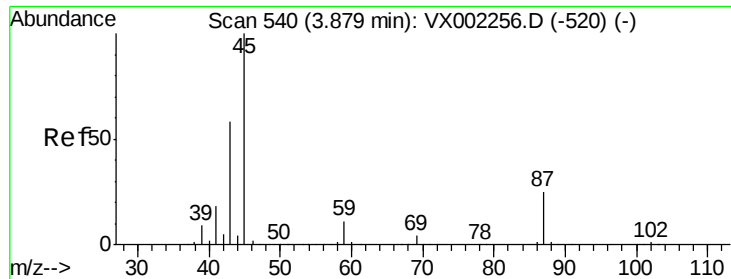
Tot Ion: 73 Resp: 165  
Ion Ratio Lower Upper  
73 100  
57 71.6 17.7 26.5#



#20  
Methylene Chloride  
Concen: Below Cal  
RT: 2.86 min Scan# 373  
Delta R.T. 0.00 min  
Lab File: VX002316.D  
Acq: 05 Jun 2018 19:58

Tgt Ion: 84 Resp: 456  
Ion Ratio Lower Upper  
84 100  
49 125.0 107.8 161.6  
51 29.9 32.8 49.2#  
86 82.1 52.5 78.7#



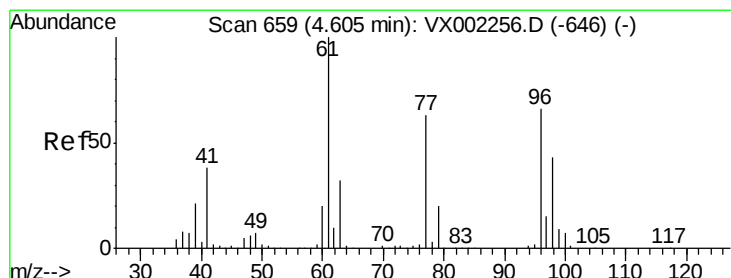
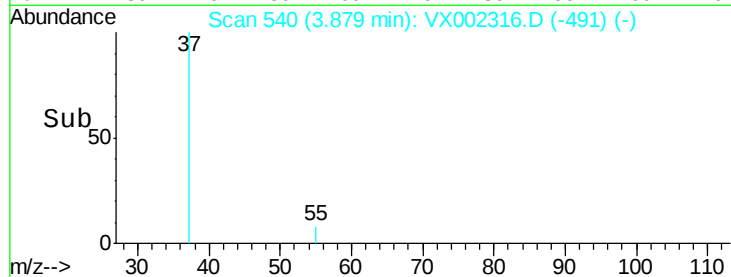
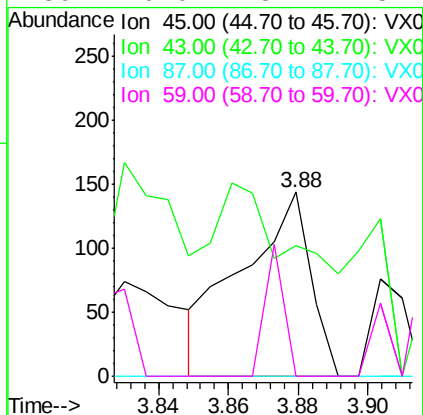
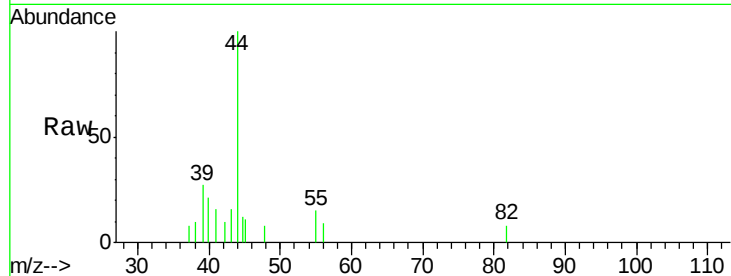


#22

Diisopropyl ether  
Concen: Below Cal  
RT: 3.88 min Scan# 540  
Delta R.T. 0.00 min  
Lab File: VX002316.D  
Acq: 05 Jun 2018 19:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP-0465-180530

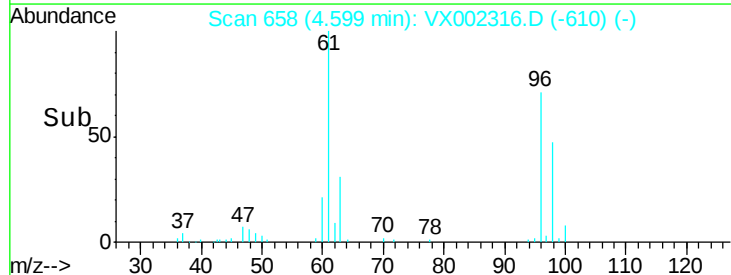
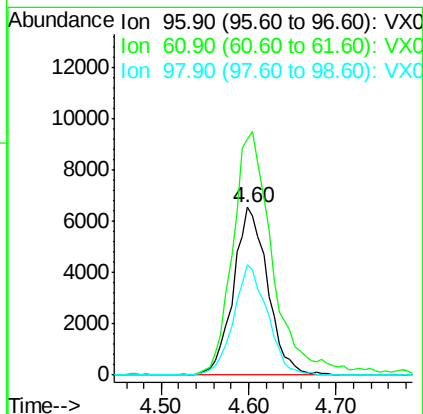
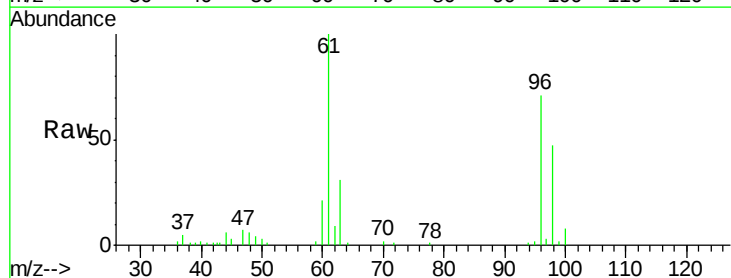
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 45    | Resp: | 198   |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 43       | 15.3  | 46.8  | 70.2# |
| 87       | 0.0   | 20.2  | 30.4# |
| 59       | 0.0   | 8.7   | 13.1# |

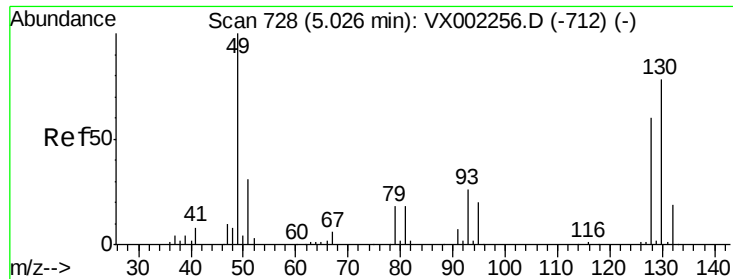


#27

cis-1,2-Dichloroethene  
Concen: 6.05 ug/l  
RT: 4.60 min Scan# 658  
Delta R.T. -0.01 min  
Lab File: VX002316.D  
Acq: 05 Jun 2018 19:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 17850 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 168.3 | 0.0   | 330.2 |
| 98       | 64.9  | 0.0   | 130.2 |





#28

Bromochloromethane

Concen: Below Cal

RT: 5.06 min Scan# 733

Delta R.T. 0.03 min

Lab File: VX002316.D

Acq: 05 Jun 2018 19:58

Instrument :

MSVOA\_X

ClientSampleId :

DUP-0465-180530

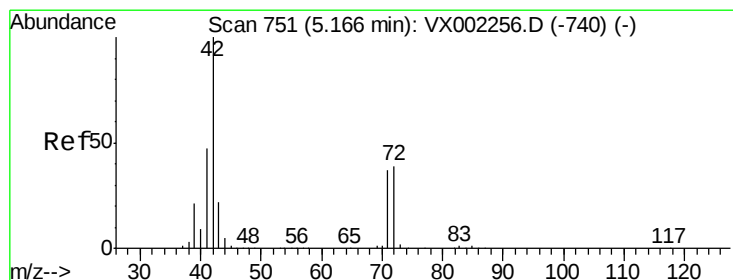
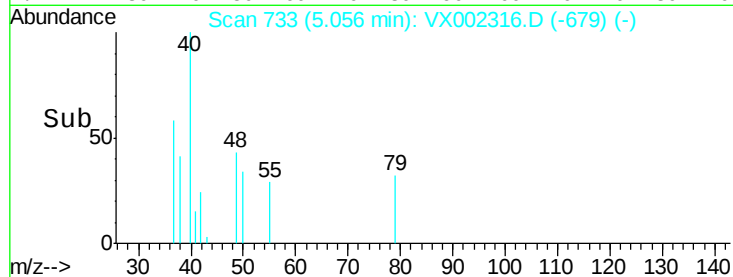
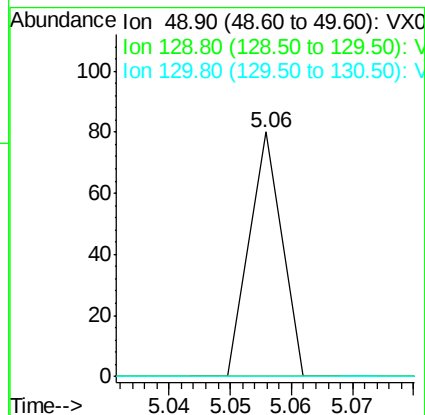
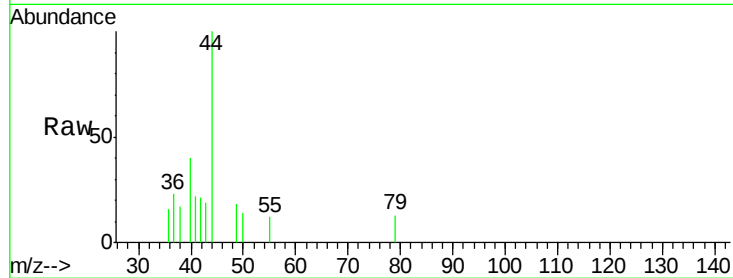
Tot Ion: 49 Resp: 29

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 0.0 61.2 91.8#



#29

Tetrahydrofuran

Concen: 0.24 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX002316.D

Acq: 05 Jun 2018 19:58

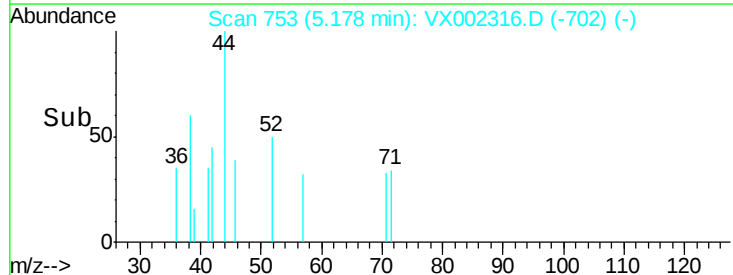
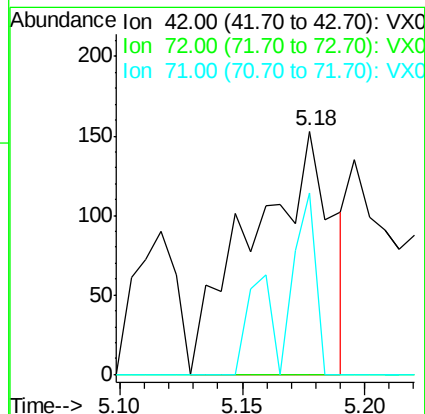
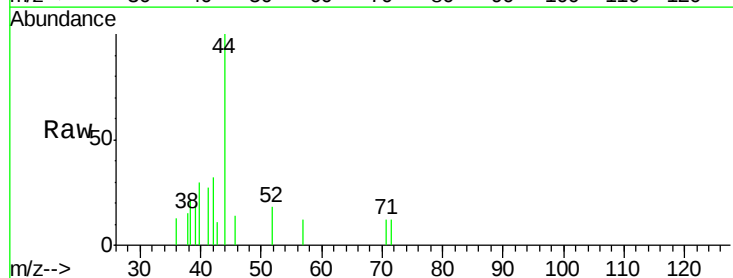
Tgt Ion: 42 Resp: 346

Ion Ratio Lower Upper

42 100

72 0.0 32.0 48.0#

71 20.2 30.1 45.1#

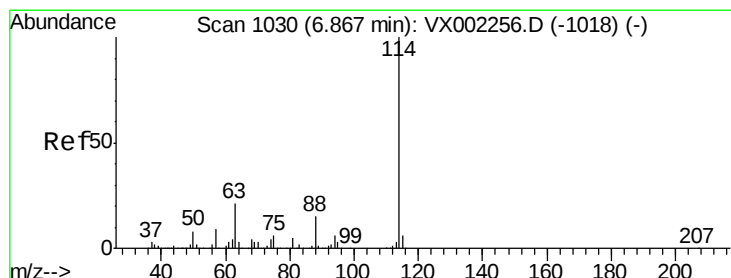
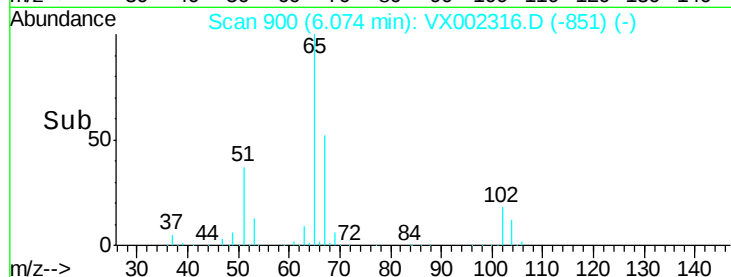
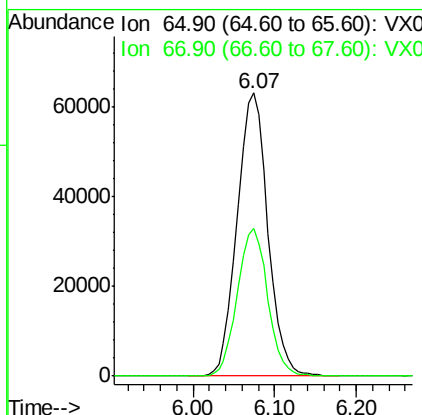
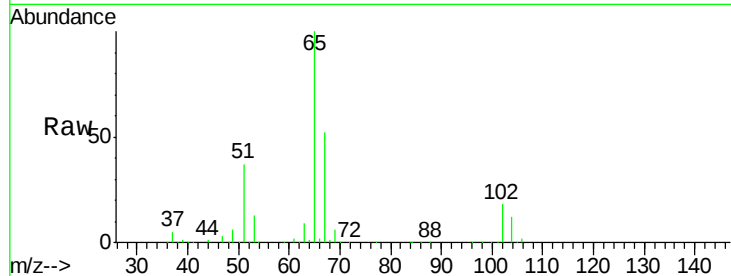




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.87 ug/l  
 RT: 6.07 min Scan# 900  
 Delta R.T. -0.00 min  
 Lab File: VX002316.D  
 Acq: 05 Jun 2018 19:58

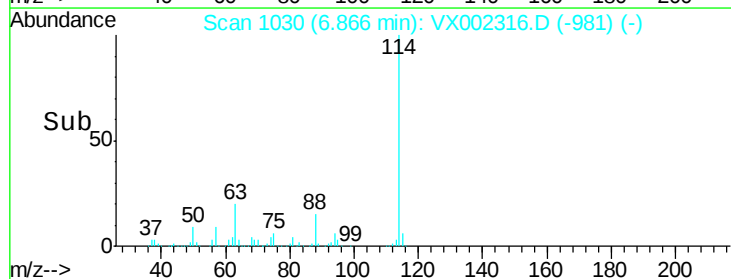
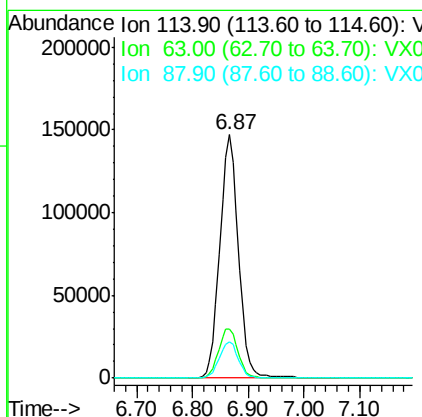
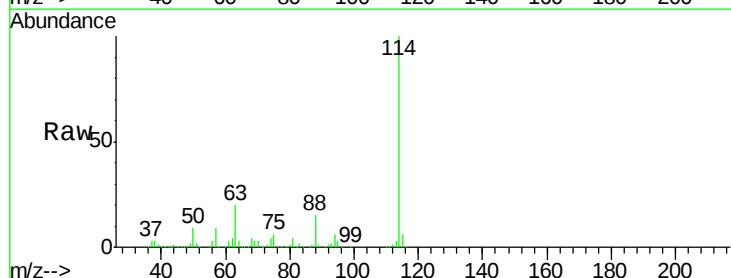
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 DUP-0465-180530

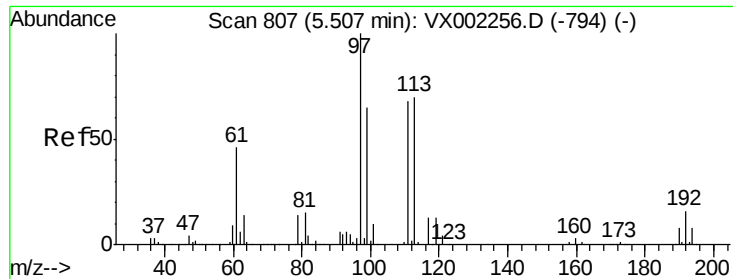
Tot Ion: 65 Resp: 164903  
 Ion Ratio Lower Upper  
 65 100  
 67 51.8 0.0 102.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.87 min Scan# 1030  
 Delta R.T. -0.00 min  
 Lab File: VX002316.D  
 Acq: 05 Jun 2018 19:58

Tgt Ion: 114 Resp: 341008  
 Ion Ratio Lower Upper  
 114 100  
 63 20.2 0.0 41.4  
 88 15.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 45.07 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002316.D

Acq: 05 Jun 2018 19:58

Instrument :

MSVOA\_X

ClientSampleId :

DUP-0465-180530

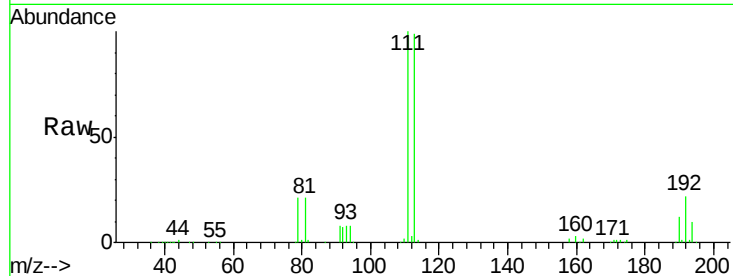
Tot Ion:113 Resp: 120856

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

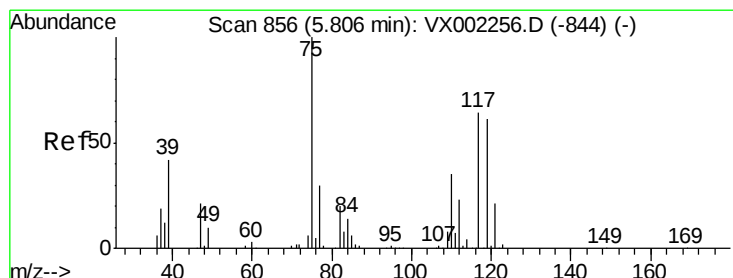
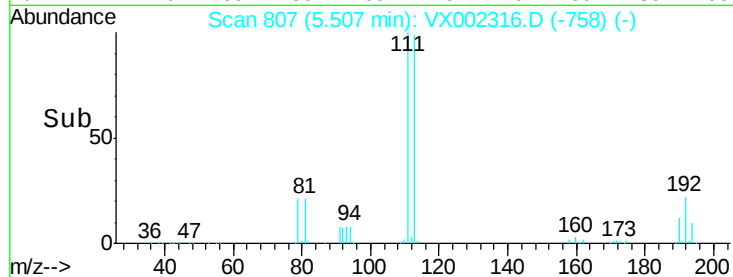
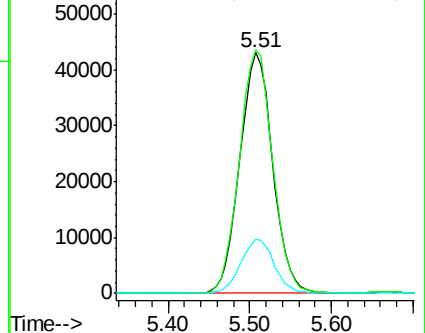
192 22.8 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.81 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.14 min

Lab File: VX002316.D

Acq: 05 Jun 2018 19:58

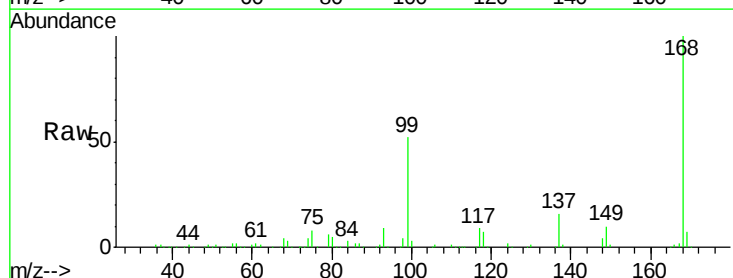
Tgt Ion: 75 Resp: 17255

Ion Ratio Lower Upper

75 100

110 8.9 18.1 54.4#

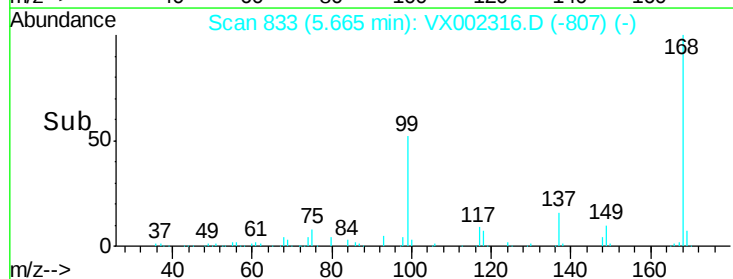
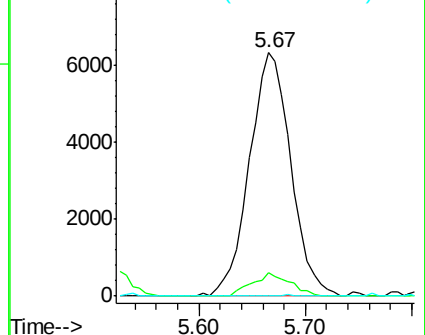
77 0.1 24.3 36.5#

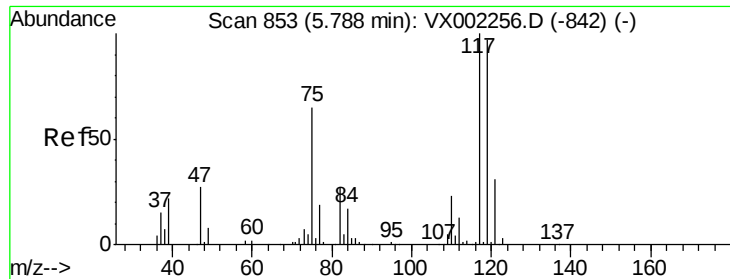


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.82 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX002316.D

Acq: 05 Jun 2018 19:58

Instrument :

MSVOA\_X

ClientSampleId :

DUP-0465-180530

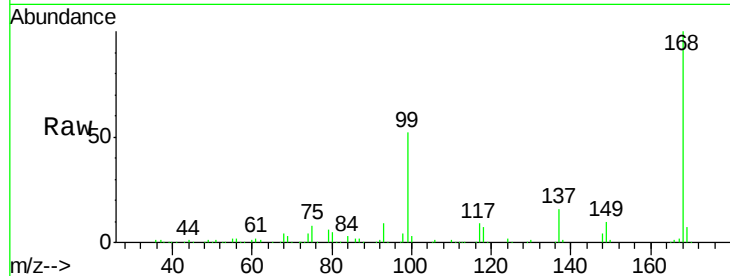
Tot Ion:117 Resp: 21834

Ion Ratio Lower Upper

117 100

119 5.1 77.4 116.0#

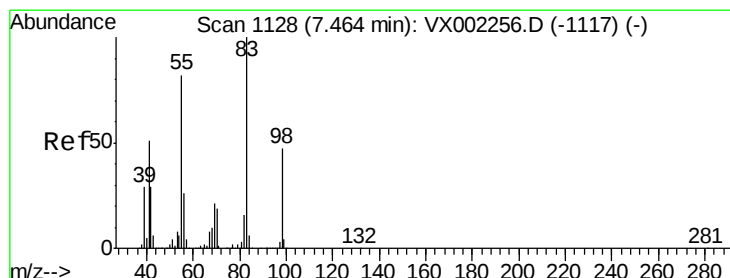
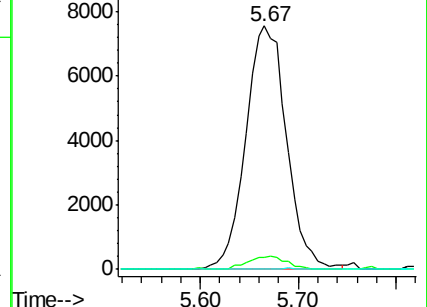
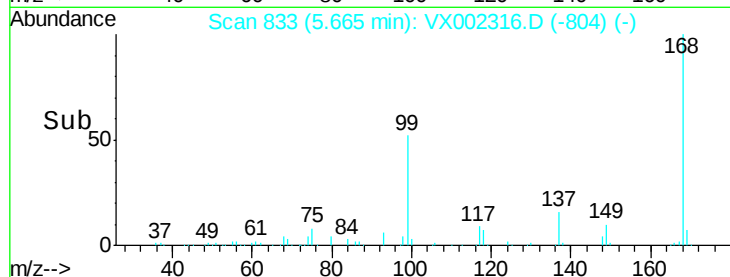
121 0.0 24.4 36.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.30 ug/l

RT: 7.45 min Scan# 1125

Delta R.T. -0.02 min

Lab File: VX002316.D

Acq: 05 Jun 2018 19:58

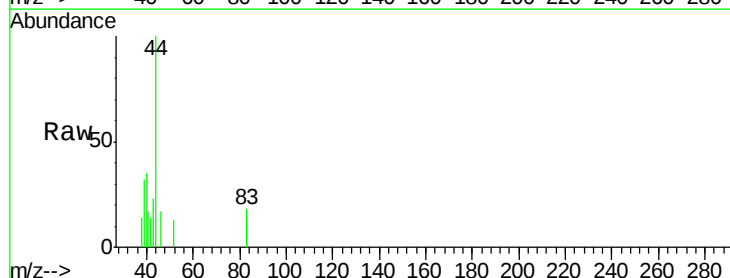
Tgt Ion: 83 Resp: 189

Ion Ratio Lower Upper

83 100

55 0.0 65.4 98.0#

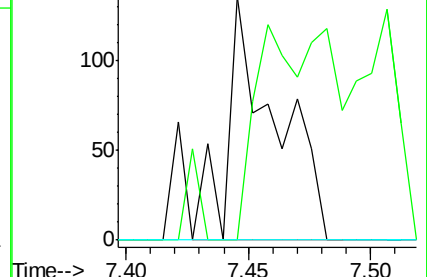
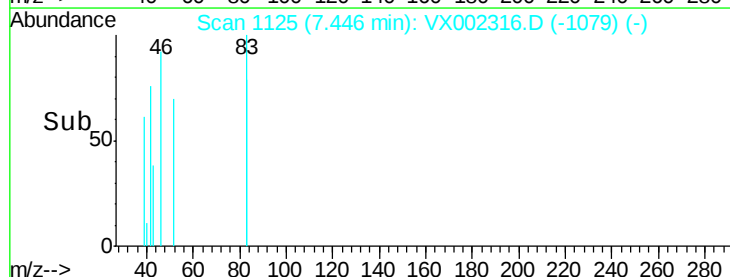
98 0.0 37.4 56.0#

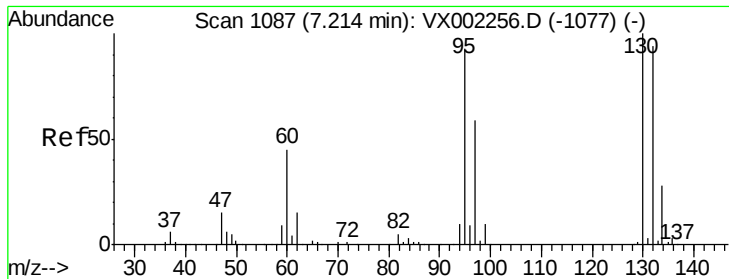


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#44

Trichloroethene

Concen: 4.97 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002316.D

Acq: 05 Jun 2018 19:58

Instrument :

MSVOA\_X

ClientSampleId :

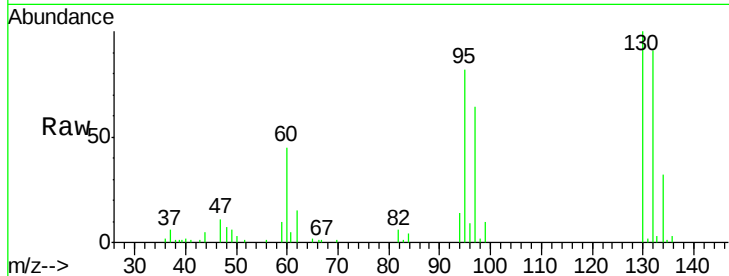
DUP-0465-180530

Tot Ion:130 Resp: 15164

Ion Ratio Lower Upper

130 100

95 82.2 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

8000

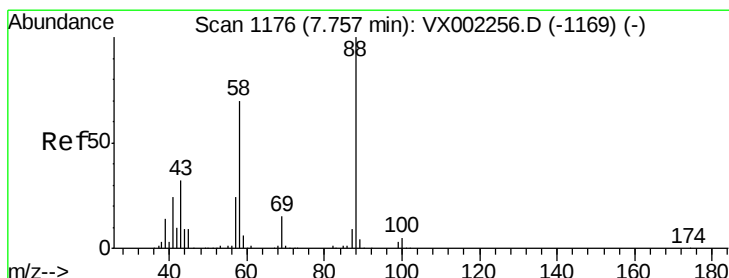
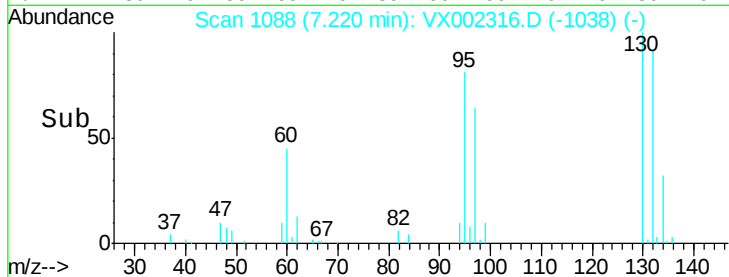
6000

4000

2000

0

Time--> 7.10 7.20 7.30



#49

1,4-Dioxane

Concen: 0.29 ug/l

RT: 7.50 min Scan# 1134

Delta R.T. -0.26 min

Lab File: VX002316.D

Acq: 05 Jun 2018 19:58

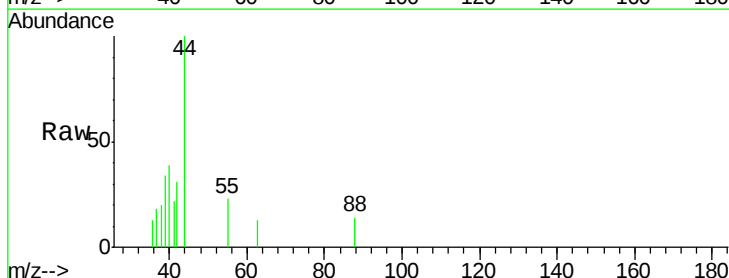
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 565.0 29.8 44.6#

58 0.0 57.1 85.7#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

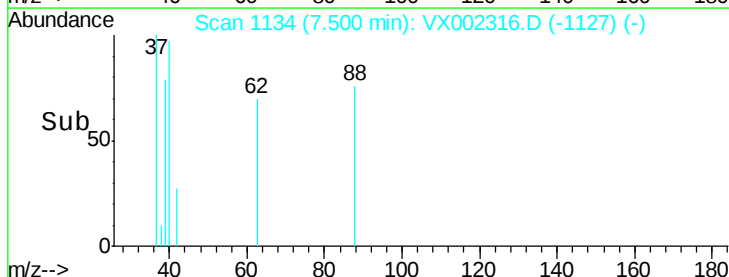
150

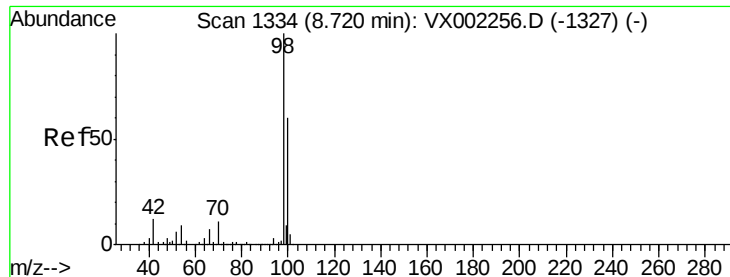
100

50

0

Time--> 7.48 7.49 7.50 7.51 7.52





#50

Toluene-d8

Concen: 48.26 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002316.D

Acq: 05 Jun 2018 19:58

Instrument :

MSVOA\_X

ClientSampleId :

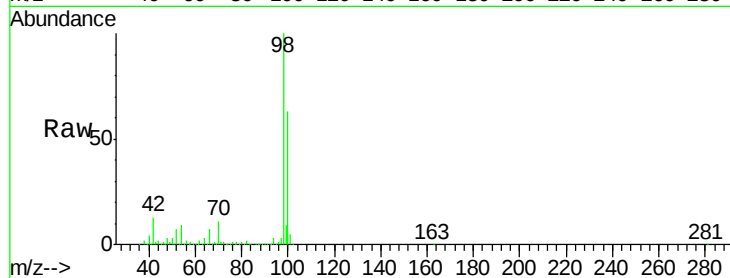
DUP-0465-180530

Tot Ion: 98 Resp: 496041

Ion Ratio Lower Upper

98 100

100 63.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX002256.D (-1327) (-)

Ion 100.00 (99.70 to 100.70): VX002256.D (-1327) (-)

8.72

300000

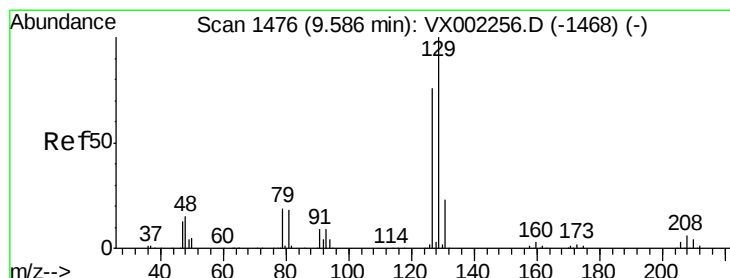
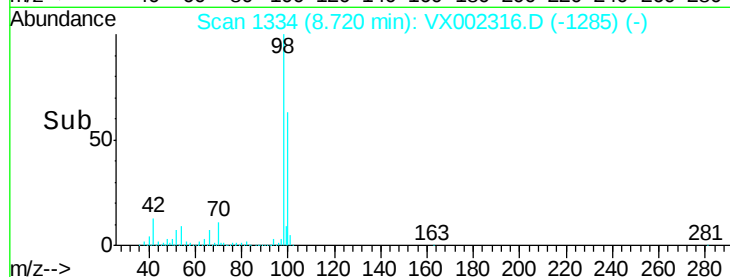
200000

100000

0

8.60 8.70 8.80 8.90

Time-->



#60

Dibromochloromethane

Concen: 1.54 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.25 min

Lab File: VX002316.D

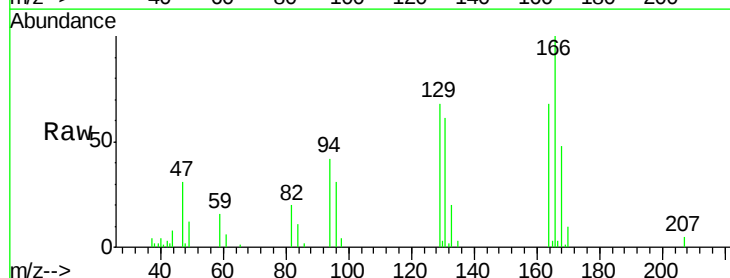
Acq: 05 Jun 2018 19:58

Tgt Ion: 129 Resp: 4453

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.3#



Abundance Ion 128.80 (128.50 to 129.50): VX002256.D (-1468) (-)

Ion 126.80 (126.50 to 127.50): VX002256.D (-1468) (-)

9.34

3000

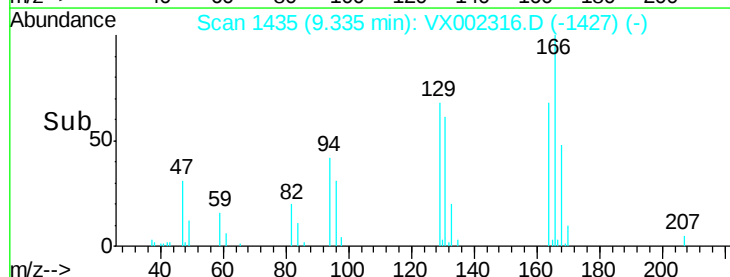
2000

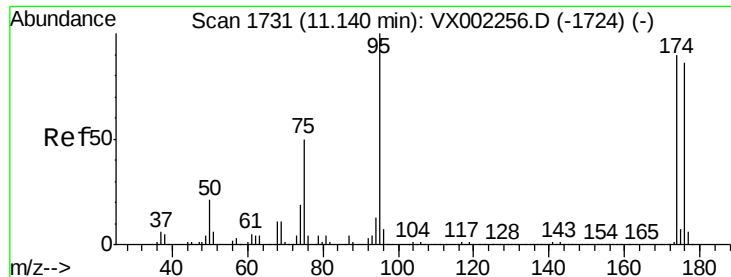
1000

0

9.30 9.35 9.40

Time-->





#62

4-Bromofluorobenzene

Concen: 43.98 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002316.D

Acq: 05 Jun 2018 19:58

Instrument :

MSVOA\_X

ClientSampleId :

DUP-0465-180530

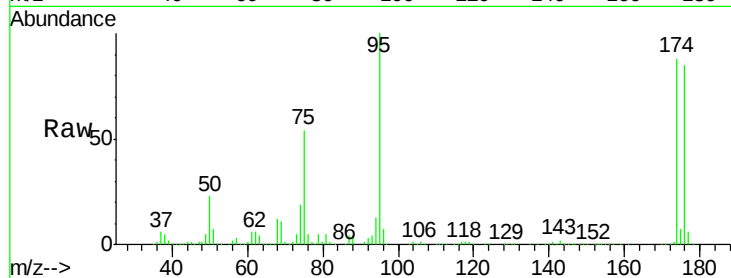
Tot Ion: 95 Resp: 174306

Ion Ratio Lower Upper

95 100

174 93.6 0.0 187.4

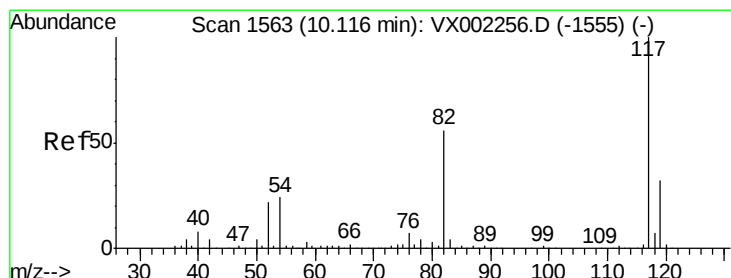
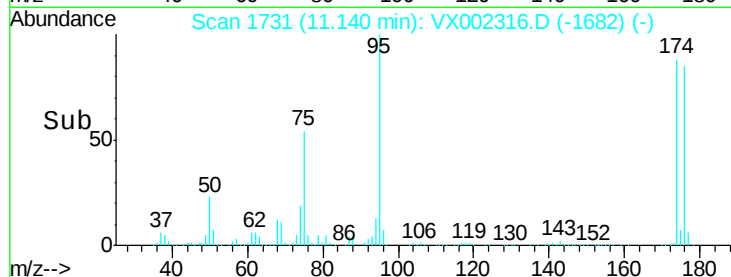
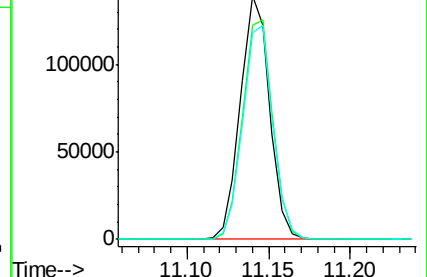
176 90.8 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002256.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002256.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002256.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002316.D

Acq: 05 Jun 2018 19:58

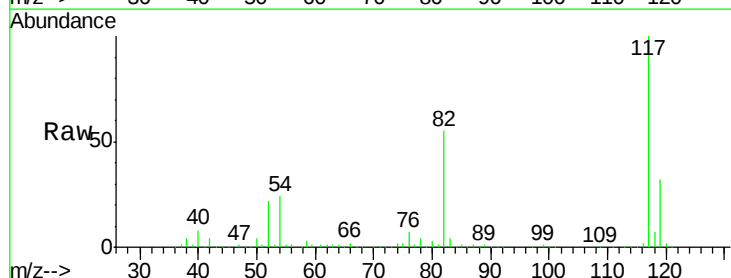
Tgt Ion: 117 Resp: 318763

Ion Ratio Lower Upper

117 100

82 54.7 45.0 67.4

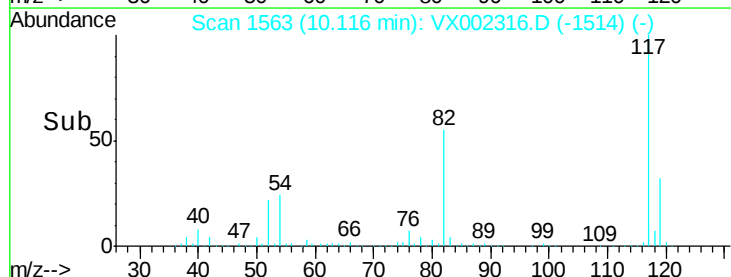
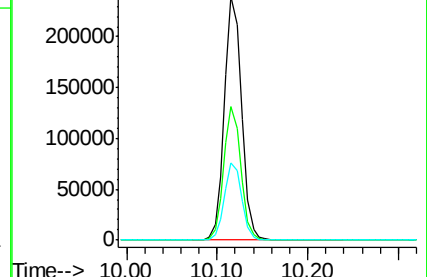
119 31.7 25.8 38.6

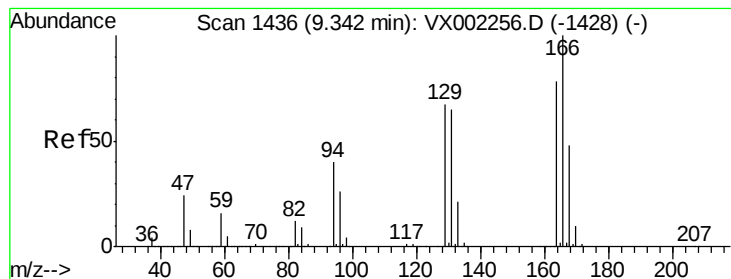


Abundance Ion 116.90 (116.60 to 117.60): VX002256.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX002256.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX002256.D (-1555) (-)





#64

Tetrachloroethene

Concen: 1.42 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX002316.D

Acq: 05 Jun 2018 19:58

Instrument :

MSVOA\_X

ClientSampleId :

DUP-0465-180530

Tot Ion:164 Resp: 4670

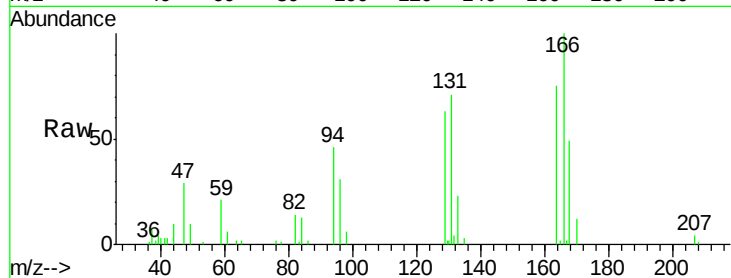
Ion Ratio Lower Upper

164 100

166 132.7 102.9 154.3

129 83.6 68.6 102.8

131 93.9 66.8 100.2

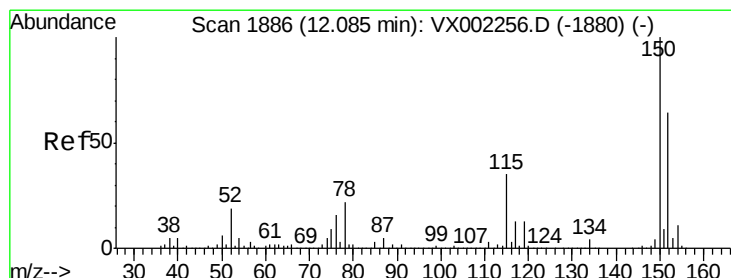
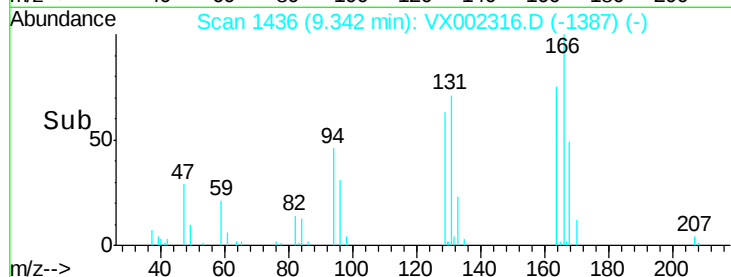
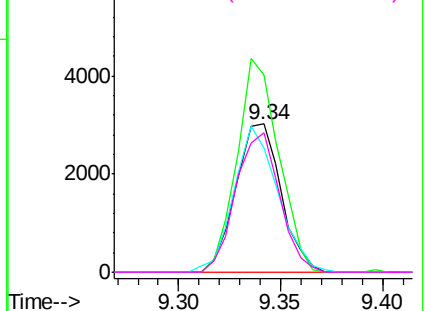


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002316.D

Acq: 05 Jun 2018 19:58

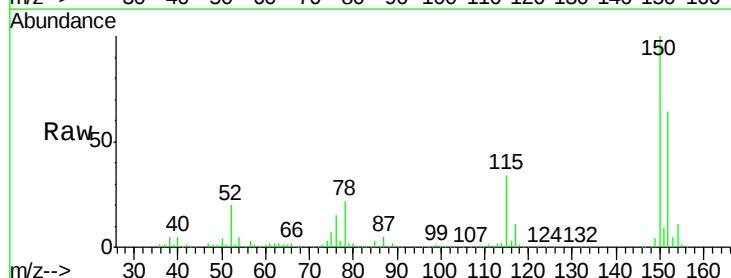
Tgt Ion:152 Resp: 178578

Ion Ratio Lower Upper

152 100

115 54.8 40.1 120.2

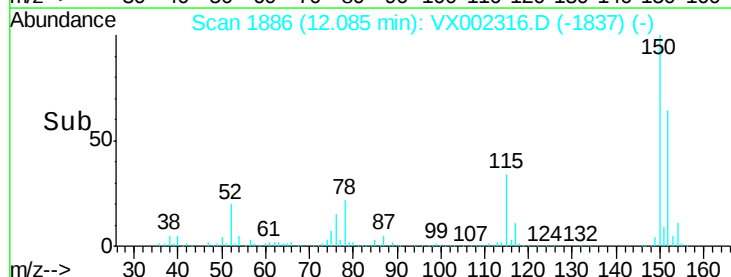
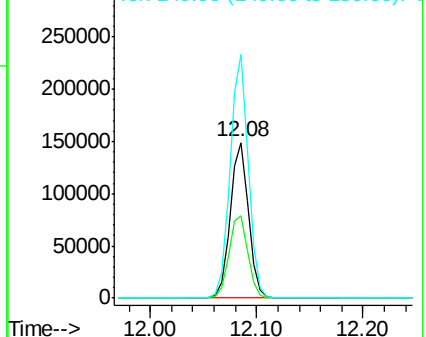
150 156.1 0.0 347.2

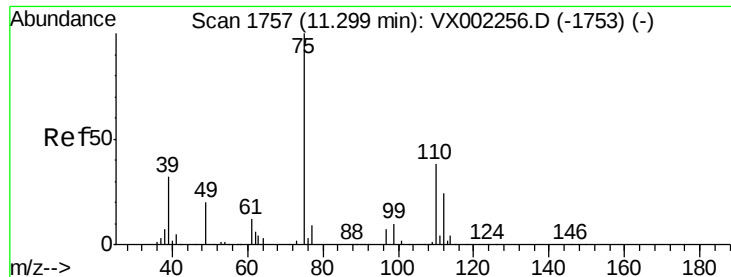


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 23.82 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002316.D

Acq: 05 Jun 2018 19:58

Instrument :

MSVOA\_X

ClientSampleId :

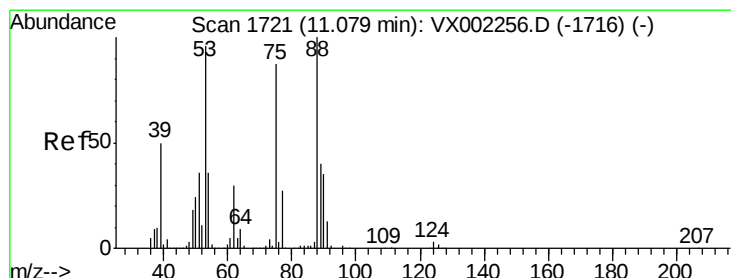
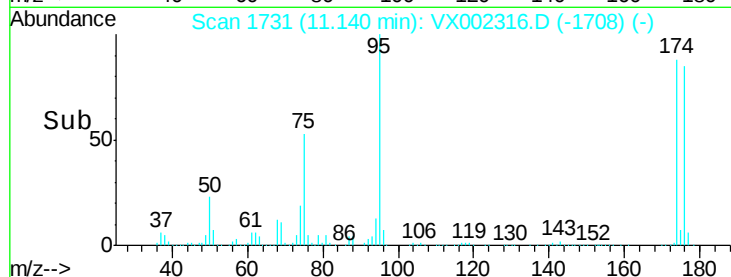
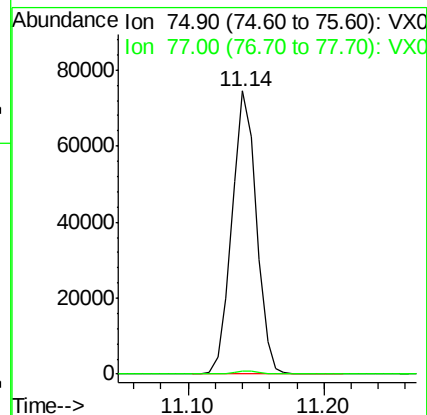
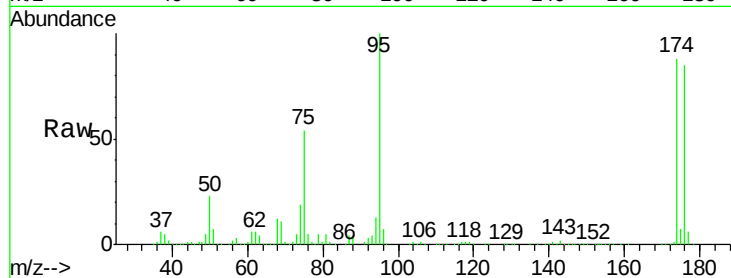
DUP-0465-180530

Tot Ion: 75 Resp: 93319

Ion Ratio Lower Upper

75 100

77 1.2 22.8 68.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 83.48 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002316.D

Acq: 05 Jun 2018 19:58

Tgt Ion: 75 Resp: 93319

Ion Ratio Lower Upper

75 100

53 0.1 86.8 130.2#

89 0.0 38.2 57.2#

