

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050819\  
 Data File : VX009407.D  
 Acq On : 08 May 2019 18:41  
 Operator : JC/SP  
 Sample : K2645-02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PL-02-050719-A

Quant Time: May 09 06:32:52 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 08 03:31:13 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 178268   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 284158   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 246834   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 98174    | 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   | 116525   | 47.88 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.76% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 86769    | 48.57 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.14% |          |
| 50) Toluene-d8              | 8.71  | 98   | 357289   | 49.54 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.08% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 111795   | 42.66 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 85.32% |          |

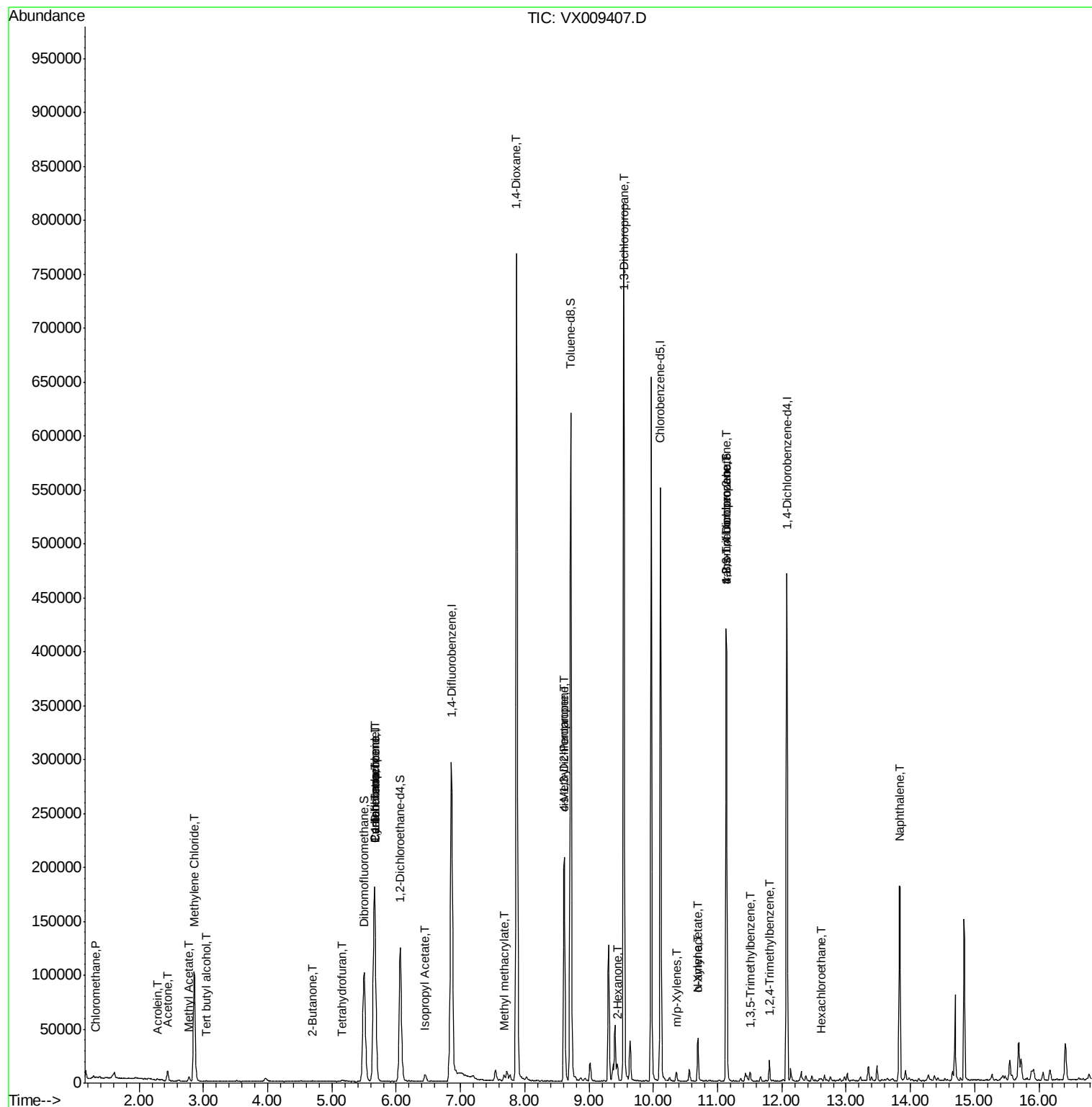
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 3) Chloromethane               | 1.33  | 50   | 511      | 0.228     | ug/l # | 81     |
| 11) Tert butyl alcohol         | 3.06  | 59   | 286      | 0.508     | ug/l # | 91     |
| 13) Acrolein                   | 2.28  | 56   | 174      | 0.341     | ug/l # | 24     |
| 16) Acetone                    | 2.45  | 43   | 10218    | 7.820     | ug/l   | 98     |
| 18) Methyl Acetate             | 2.78  | 43   | 5502     | 1.770     | ug/l # | 91     |
| 20) Methylene Chloride         | 2.85  | 84   | 46569    | 22.010    | ug/l   | 97     |
| 25) 2-Butanone                 | 4.70  | 43   | 871      | 0.429     | ug/l   | 99     |
| 28) Bromochloromethane         | 5.02  | 49   | 25       | Below Cal | #      | 20     |
| 29) Tetrahydrofuran            | 5.15  | 42   | 518      | 0.396     | ug/l # | 38     |
| 31) Cyclohexane                | 5.66  | 56   | 3841     | 1.068     | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 5.67  | 75   | 13590    | 5.146     | ug/l # | 50     |
| 38) Carbon Tetrachloride       | 5.67  | 117  | 16558    | 6.901     | ug/l # | 15     |
| 43) Isopropyl Acetate          | 6.45  | 43   | 8850     | 1.504     | ug/l   | 95     |
| 48) Methyl methacrylate        | 7.68  | 41   | 7085     | 2.427     | ug/l # | 18     |
| 49) 1,4-Dioxane                | 7.87  | 88   | 98       | 1.655     | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 71062    | 18.473    | ug/l # | 51     |
| 54) cis-1,3-Dichloropropene    | 8.62  | 75   | 31483    | 9.398     | ug/l # | 60     |
| 57) 1,3-Dichloropropane        | 9.54  | 76   | 6427     | 1.802     | ug/l # | 43     |
| 59) 2-Hexanone                 | 9.44  | 43   | 10608    | 3.511     | ug/l # | 26     |
| 68) m/p-Xylenes                | 10.36 | 106  | 1782     | 0.537     | ug/l   | 89     |
| 69) o-Xylene                   | 10.70 | 106  | 751      | 0.229     | ug/l   | 90     |
| 74) N-amyl acetate             | 10.69 | 43   | 9599     | 2.306     | ug/l # | 57     |
| 76) 1,2,3-Trichloropropane     | 11.13 | 75   | 57073    | 25.062    | ug/l # | 34     |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 3570     | 0.594     | ug/l   | 91     |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75   | 57073    | 64.124    | ug/l # | 10     |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 7405     | 1.227     | ug/l   | 95     |
| 90) Hexachloroethane           | 12.60 | 117  | 214      | 0.202     | ug/l # | 7      |
| 95) Naphthalene                | 13.83 | 128  | 113760   | 15.893    | ug/l   | 100    |

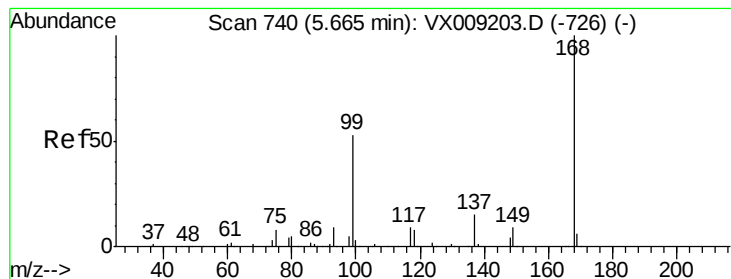
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050819\  
Data File : VX009407.D  
Acq On : 08 May 2019 18:41  
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Sample : K2645-02  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
PL-02-050719-A

Quant Time: May 09 06:32:52 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 08 03:31:13 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009407.D

Acq: 08 May 2019 18:41

Instrument :

MSVOA\_X

ClientSampleId :

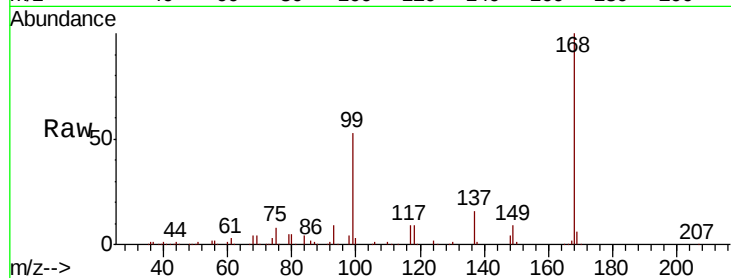
PL-02-050719-A

Tot Ion:168 Resp: 178268

Ion Ratio Lower Upper

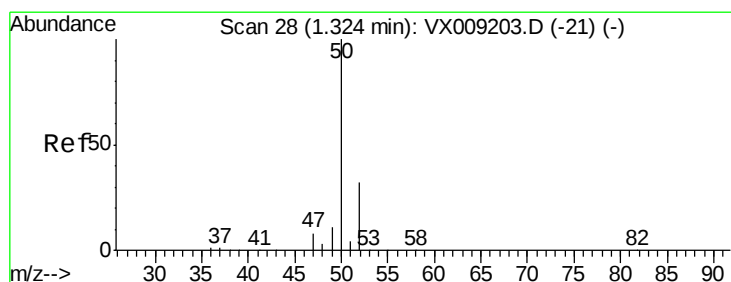
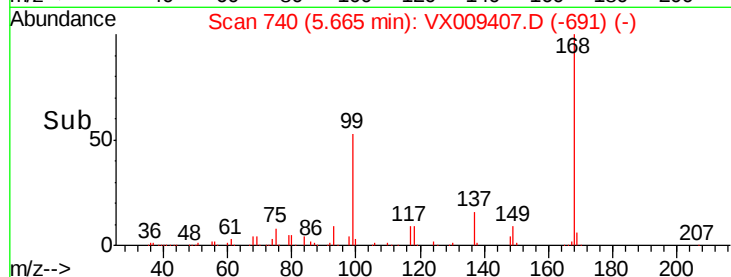
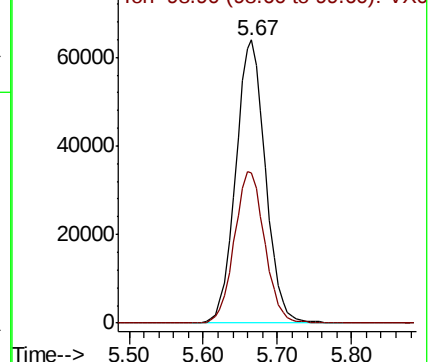
168 100

99 52.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.228 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX009407.D

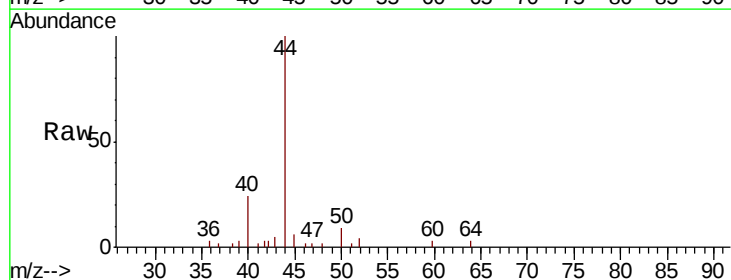
Acq: 08 May 2019 18:41

Tgt Ion: 50 Resp: 511

Ion Ratio Lower Upper

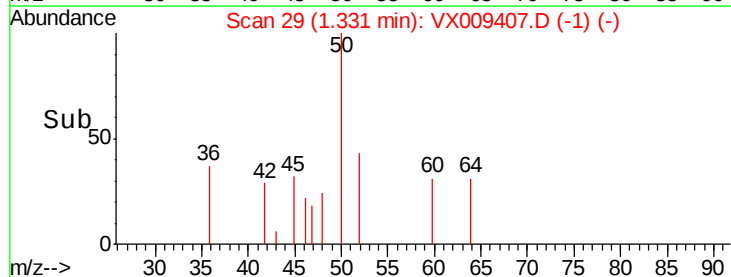
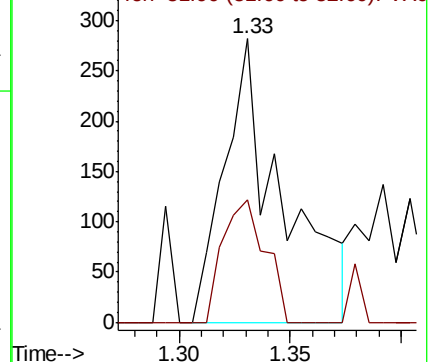
50 100

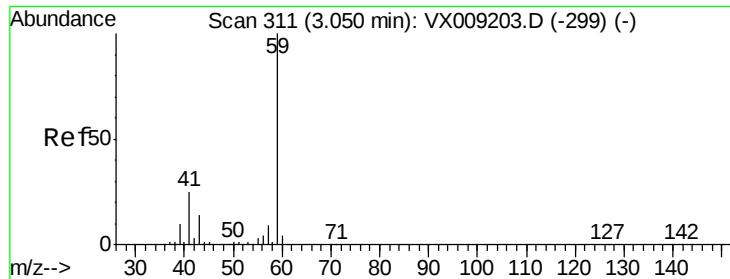
52 43.3 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

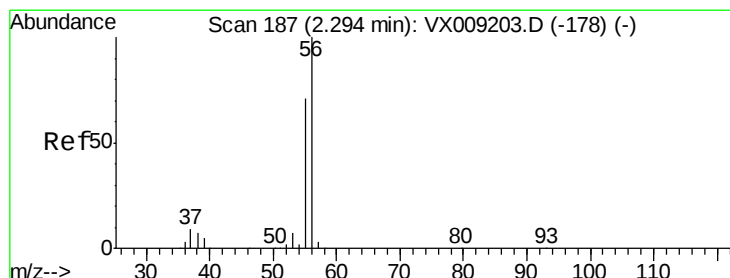
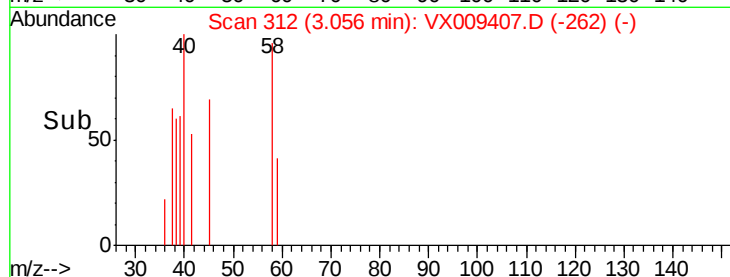
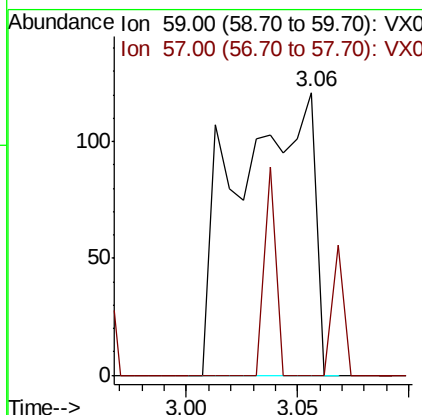
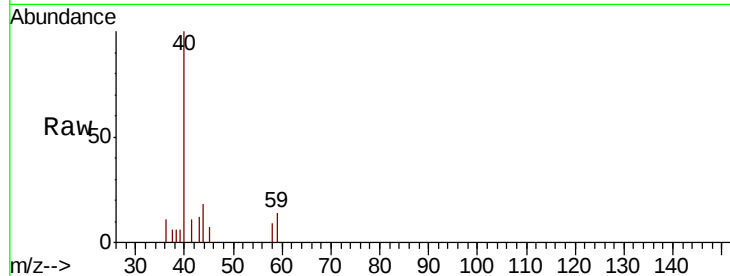




#11  
Tert butvl alcohol  
Concen: 0.508 ug/l  
RT: 3.06 min Scan# 312  
Delta R.T. 0.01 min  
Lab File: VX009407.D  
Acq: 08 May 2019 18:41

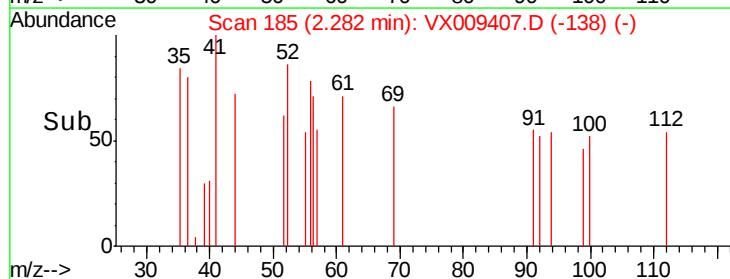
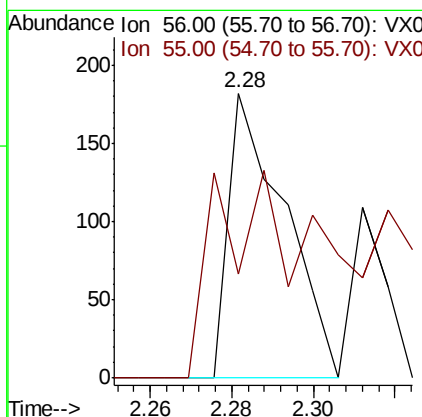
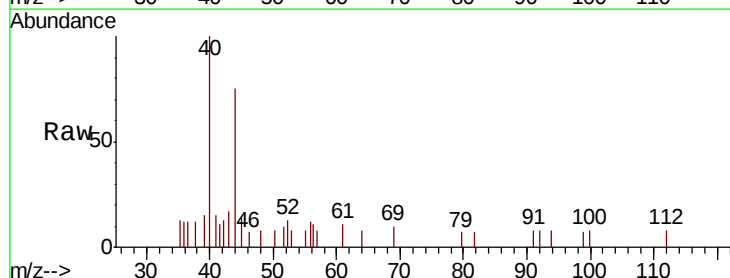
Instrument :  
MSVOA\_X  
ClientSampleId :  
PL-02-050719-A

Tot Ion: 59 Resp: 286  
Ion Ratio Lower Upper  
59 100  
57 7.0 8.2 12.2#



#13  
Acrolein  
Concen: 0.341 ug/l  
RT: 2.28 min Scan# 185  
Delta R.T. -0.01 min  
Lab File: VX009407.D  
Acq: 08 May 2019 18:41

Tgt Ion: 56 Resp: 174  
Ion Ratio Lower Upper  
56 100  
55 133.3 56.6 85.0#

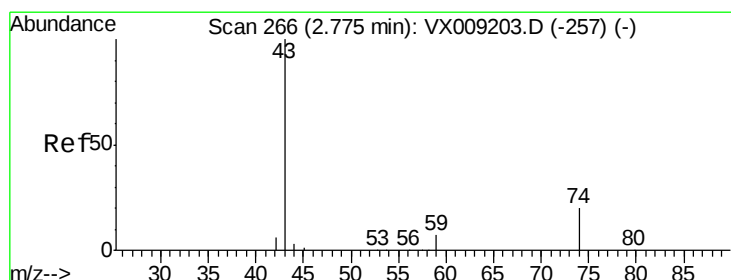
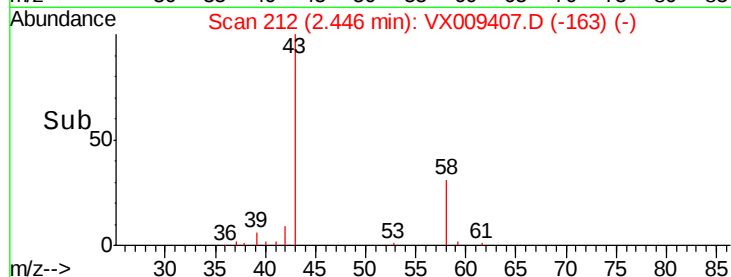
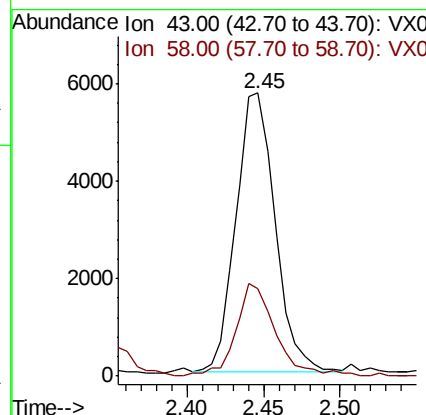
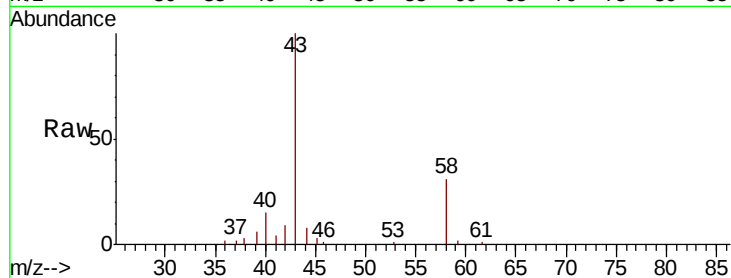




#16  
 Acetone  
 Concen: 7.820 ug/l  
 RT: 2.45 min Scan# 212  
 Delta R.T. 0.00 min  
 Lab File: VX009407.D  
 Acq: 08 May 2019 18:41

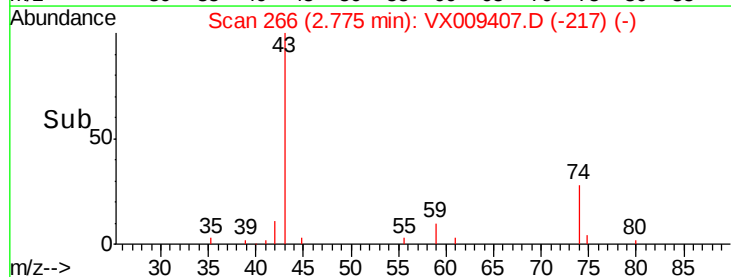
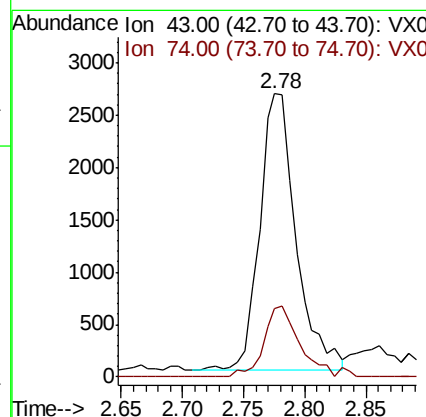
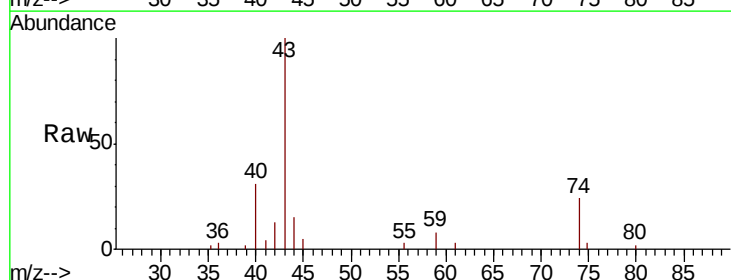
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PL-02-050719-A

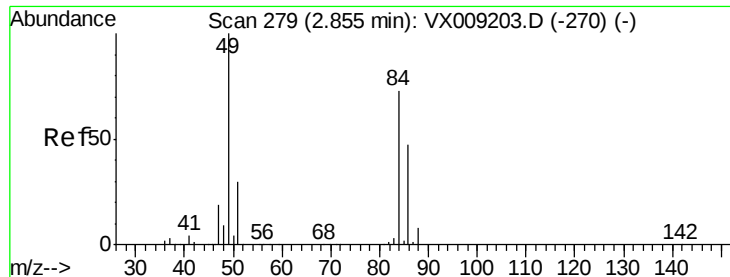
Tot Ion: 43 Resp: 10218  
 Ion Ratio Lower Upper  
 43 100  
 58 30.2 24.9 37.3



#18  
 Methyl Acetate  
 Concen: 1.770 ug/l  
 RT: 2.78 min Scan# 266  
 Delta R.T. 0.00 min  
 Lab File: VX009407.D  
 Acq: 08 May 2019 18:41

Tgt Ion: 43 Resp: 5502  
 Ion Ratio Lower Upper  
 43 100  
 74 24.6 16.2 24.4#





#20

Methvlene Chloride

Concen: 22.010 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX009407.D

Acq: 08 May 2019 18:41

Instrument :

MSVOA\_X

ClientSampleId :

PL-02-050719-A

Tot Ion: 84 Resp: 46569

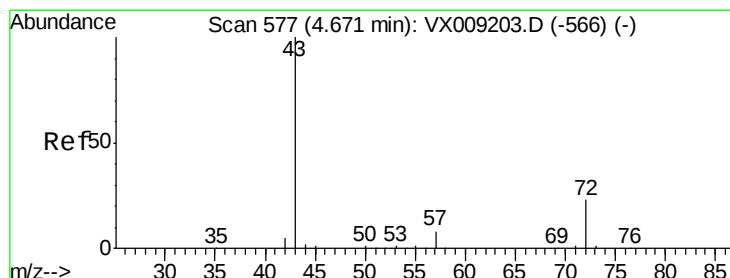
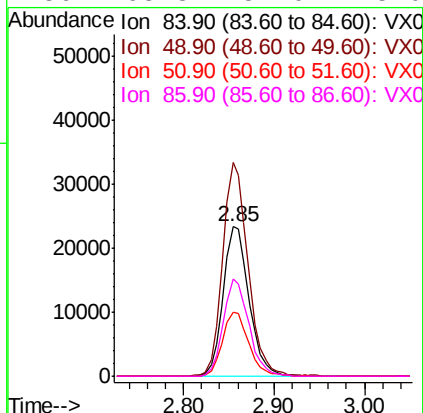
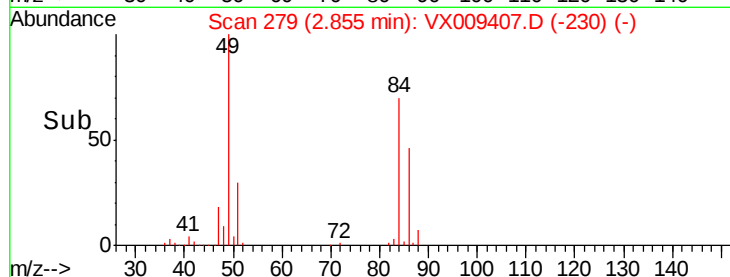
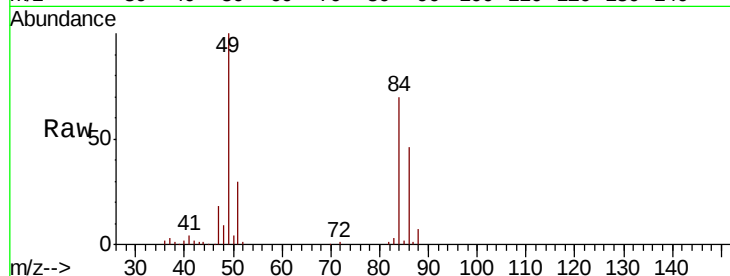
Ion Ratio Lower Upper

84 100

49 143.1 109.9 164.9

51 42.5 32.7 49.1

86 65.3 52.0 78.0



#25

2-Butanone

Concen: 0.429 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.02 min

Lab File: VX009407.D

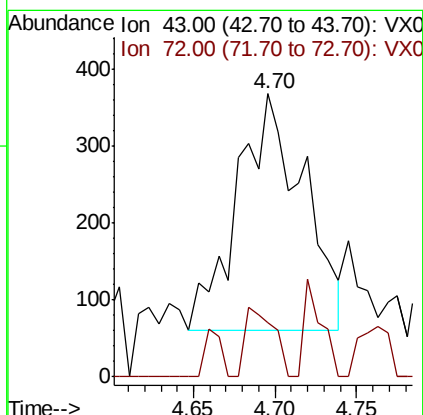
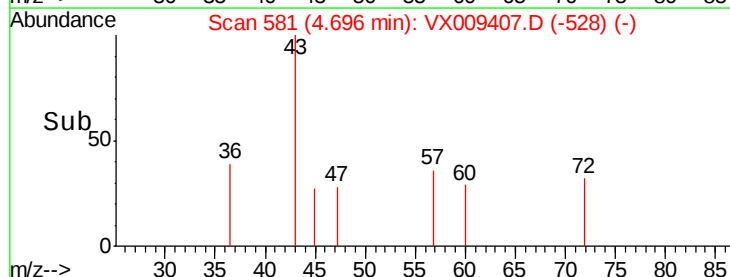
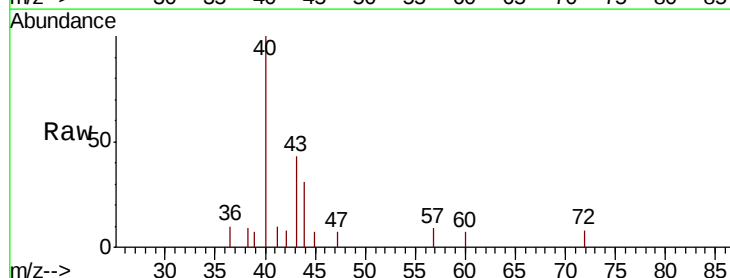
Acq: 08 May 2019 18:41

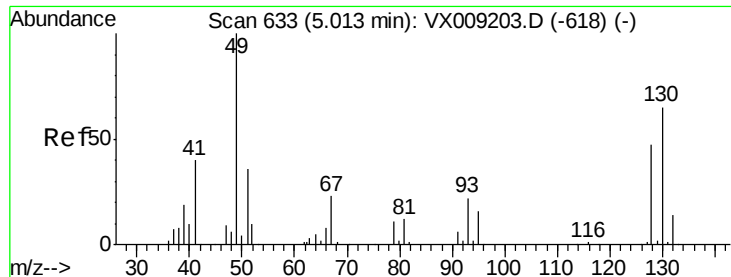
Tgt Ion: 43 Resp: 871

Ion Ratio Lower Upper

43 100

72 23.1 18.2 27.2





#28

Bromochloromethane

Concen: Below Cal

RT: 5.02 min Scan# 634

Delta R.T. 0.01 min

Lab File: VX009407.D

Acq: 08 May 2019 18:41

Instrument :

MSVOA\_X

ClientSampleId :

PL-02-050719-A

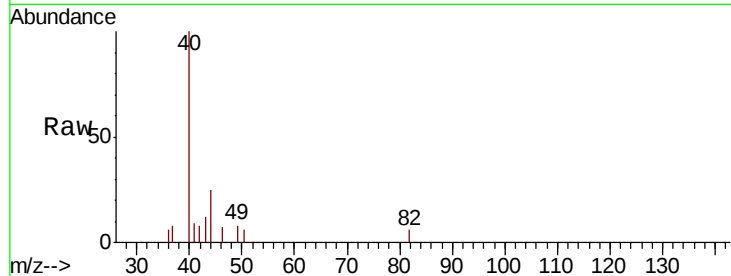
Tot Ion: 49 Resp: 25

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

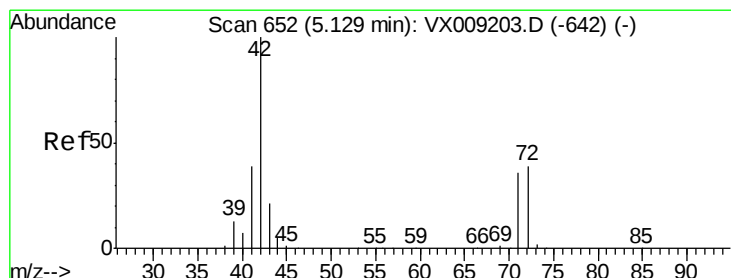
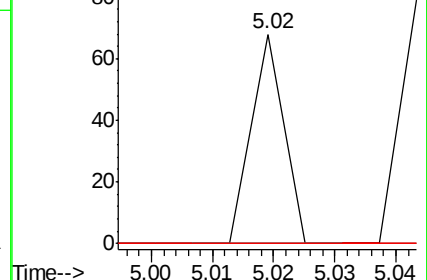
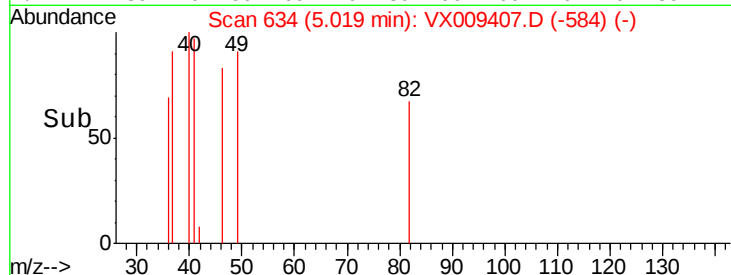
130 0.0 51.2 76.8#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 0.396 ug/l

RT: 5.15 min Scan# 655

Delta R.T. 0.02 min

Lab File: VX009407.D

Acq: 08 May 2019 18:41

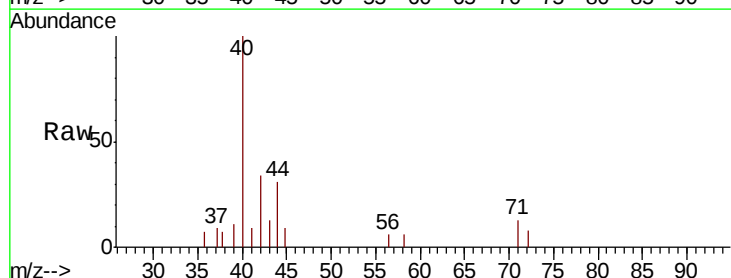
Tgt Ion: 42 Resp: 518

Ion Ratio Lower Upper

42 100

72 0.0 30.4 45.6#

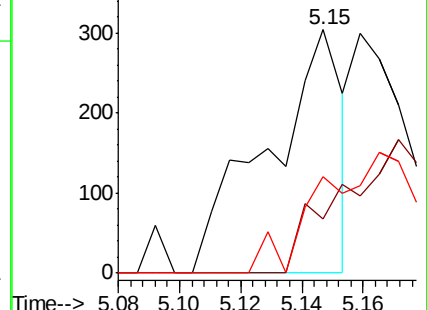
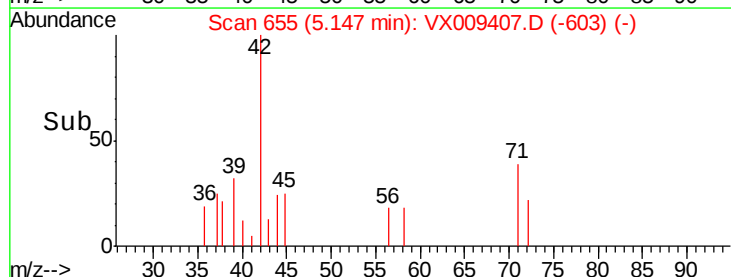
71 0.0 28.6 43.0#

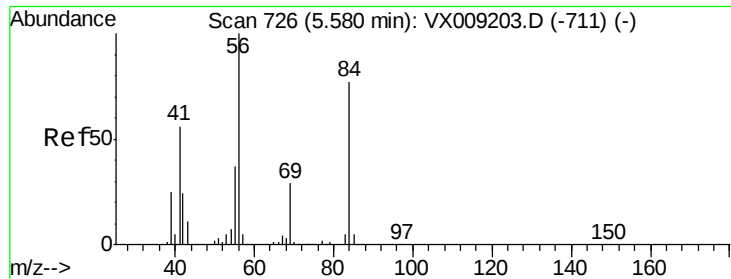


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

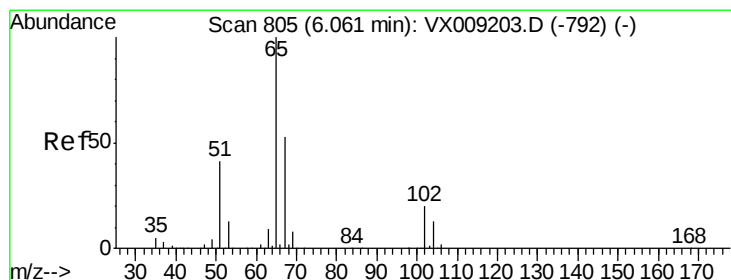
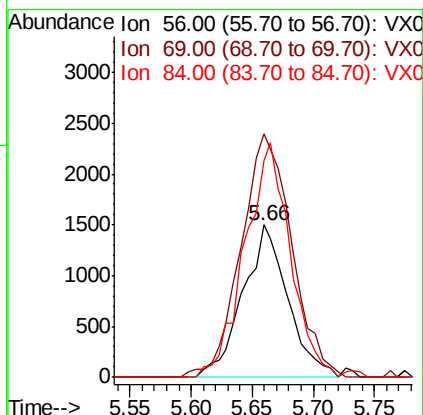
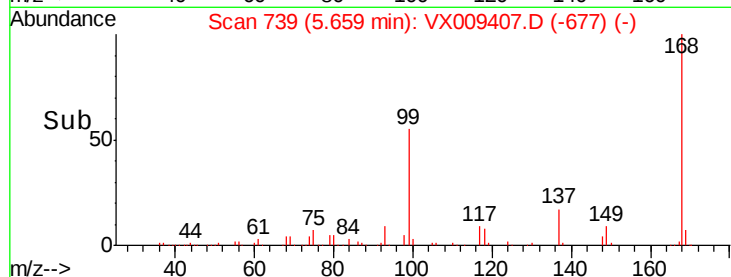
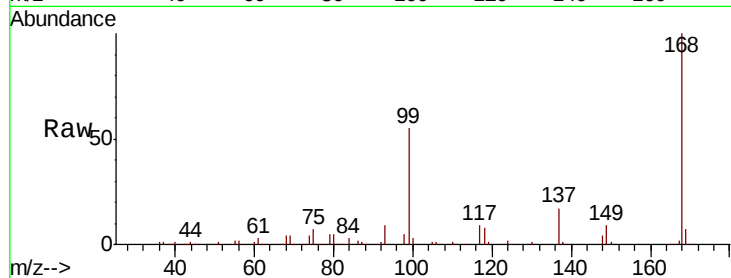




#31  
Cyclohexane  
Concen: 1.068 ug/l  
RT: 5.66 min Scan# 739  
Delta R.T. 0.08 min  
Lab File: VX009407.D  
Acq: 08 May 2019 18:41

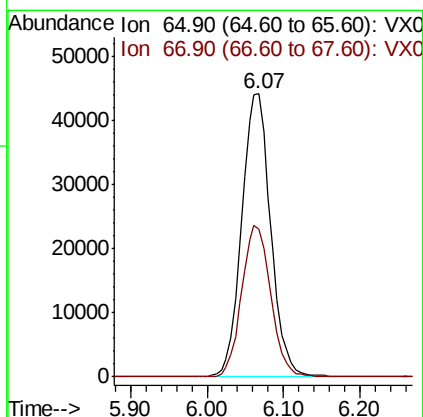
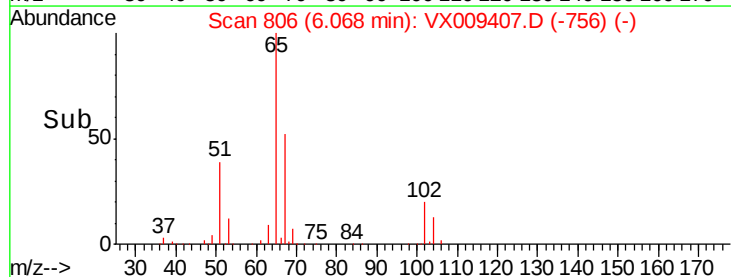
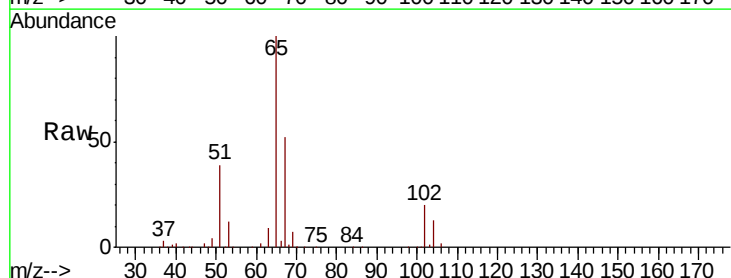
Instrument :  
MSVOA\_X  
ClientSampleId :  
PL-02-050719-A

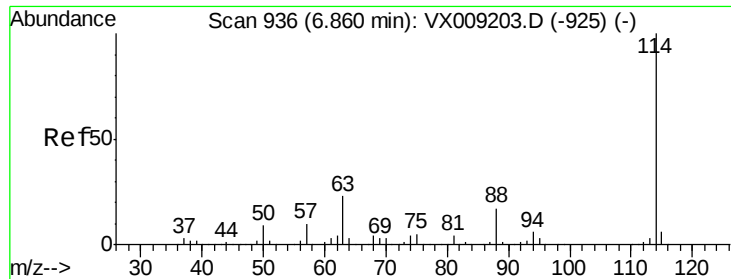
Tot Ion: 56 Resp: 3841  
Ion Ratio Lower Upper  
56 100  
69 156.0 23.4 35.0#  
84 141.9 61.9 92.9#



#33  
1,2-Dichloroethane-d4  
Concen: 47.882 ug/l  
RT: 6.07 min Scan# 806  
Delta R.T. 0.01 min  
Lab File: VX009407.D  
Acq: 08 May 2019 18:41

Tgt Ion: 65 Resp: 116525  
Ion Ratio Lower Upper  
65 100  
67 53.7 0.0 106.6

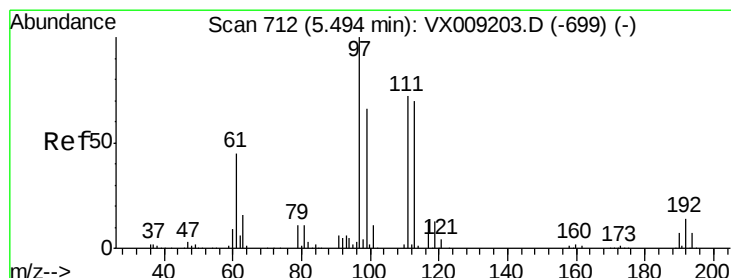
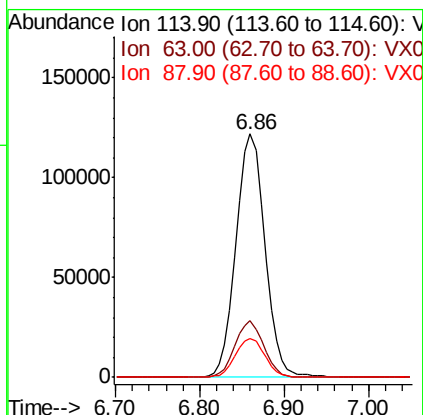
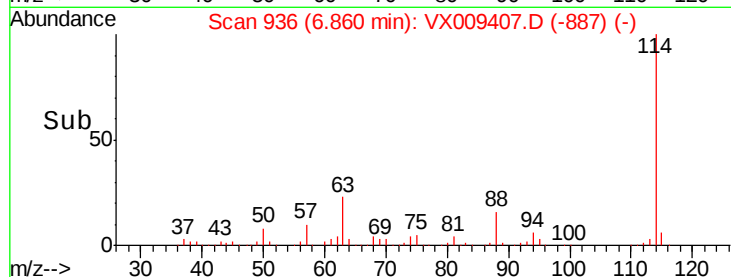
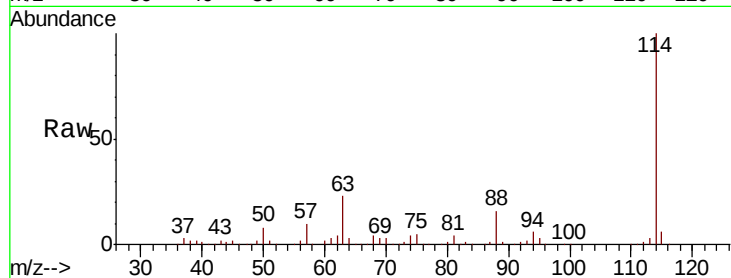




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.86 min Scan# 936  
Delta R.T. 0.00 min  
Lab File: VX009407.D  
Acq: 08 May 2019 18:41

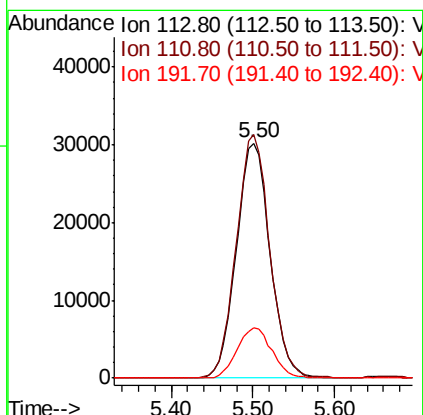
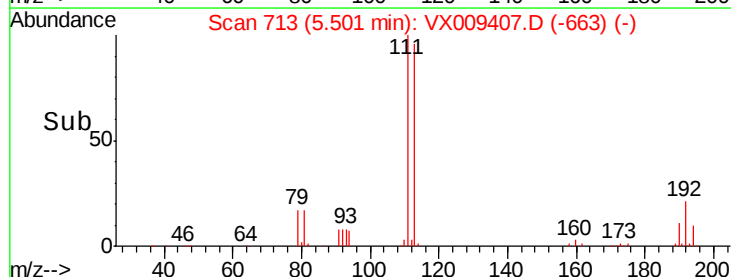
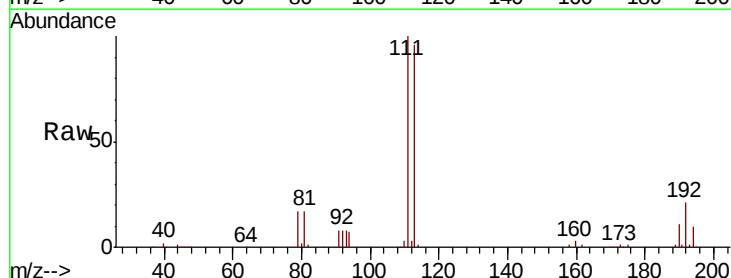
Instrument :  
MSVOA\_X  
ClientSampleId :  
PL-02-050719-A

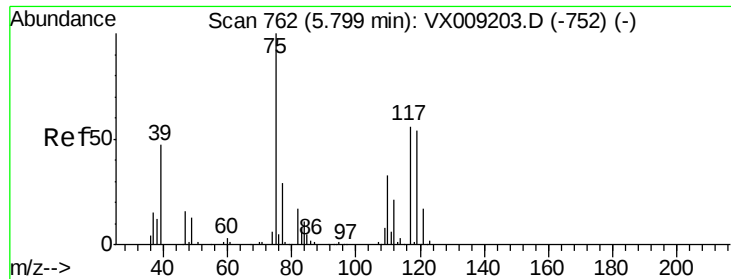
Tot Ion:114 Resp: 284158  
Ion Ratio Lower Upper  
114 100  
63 23.1 0.0 45.6  
88 16.0 0.0 33.2



#35  
Dibromofluoromethane  
Concen: 48.574 ug/l  
RT: 5.50 min Scan# 713  
Delta R.T. 0.01 min  
Lab File: VX009407.D  
Acq: 08 May 2019 18:41

Tgt Ion:113 Resp: 86769  
Ion Ratio Lower Upper  
113 100  
111 102.7 82.8 124.2  
192 22.0 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.146 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX009407.D

Acq: 08 May 2019 18:41

Instrument :

MSVOA\_X

ClientSampleId :

PL-02-050719-A

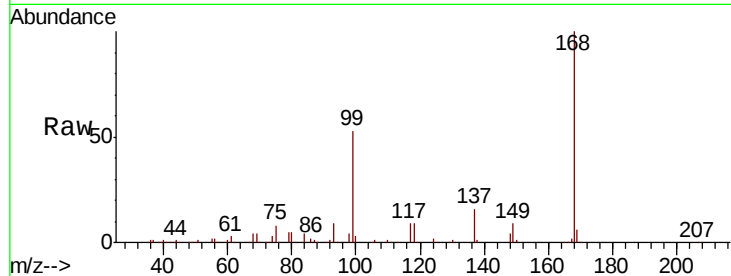
Tot Ion: 75 Resp: 13590

Ion Ratio Lower Upper

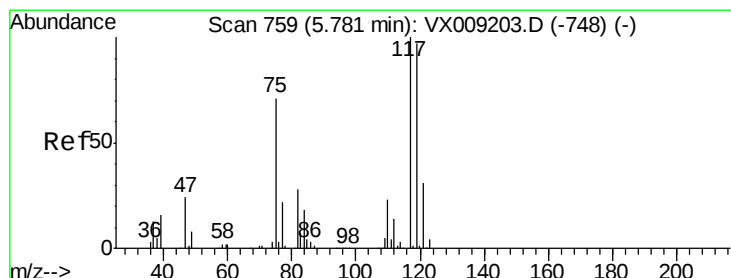
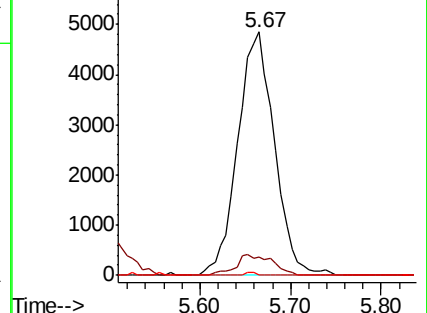
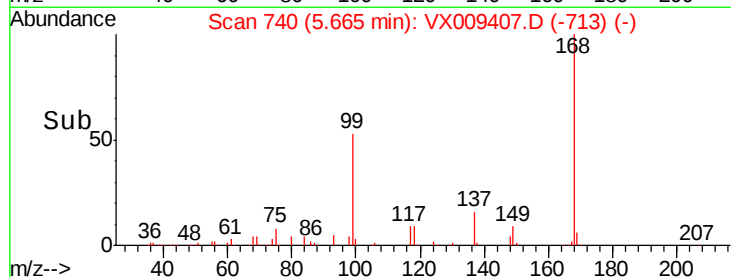
75 100

110 8.6 16.9 50.6#

77 0.3 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VX009407.D (-713) (-)



#38

Carbon Tetrachloride

Concen: 6.901 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX009407.D

Acq: 08 May 2019 18:41

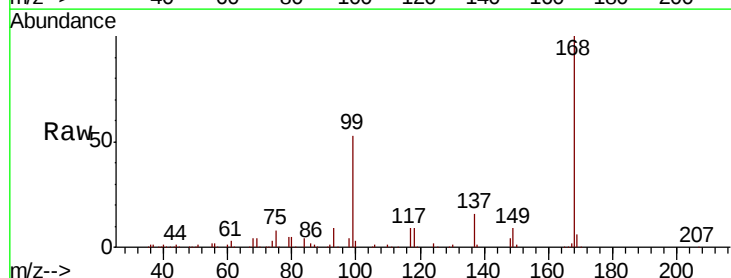
Tgt Ion: 117 Resp: 16558

Ion Ratio Lower Upper

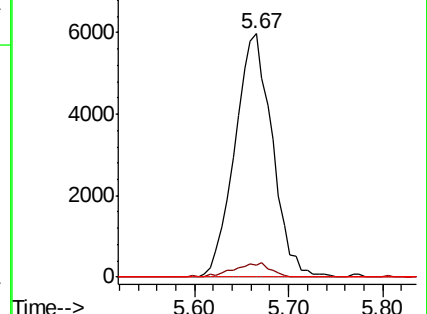
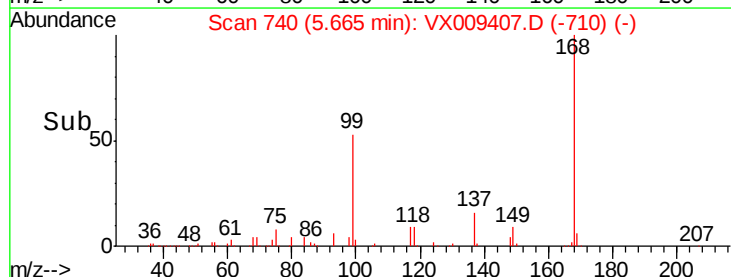
117 100

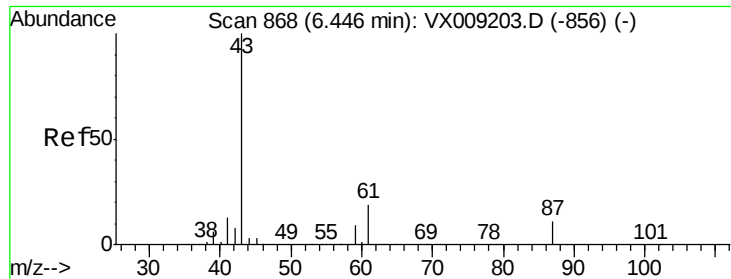
119 5.0 77.5 116.3#

121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): VX009407.D (-710) (-)



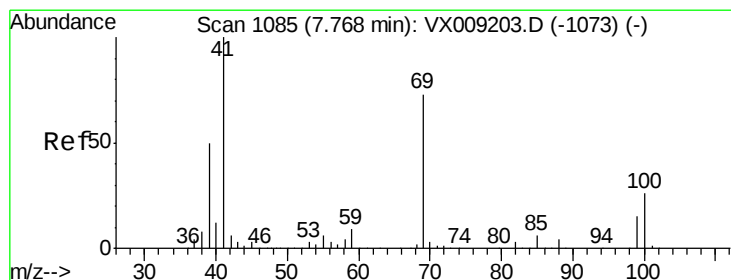
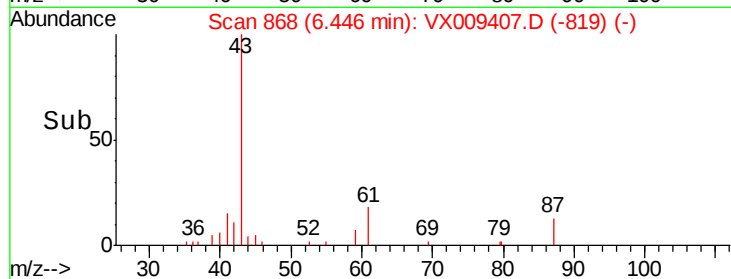
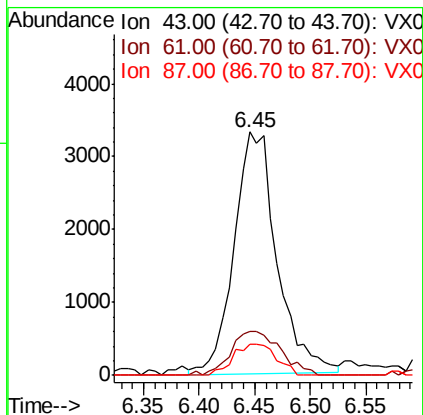
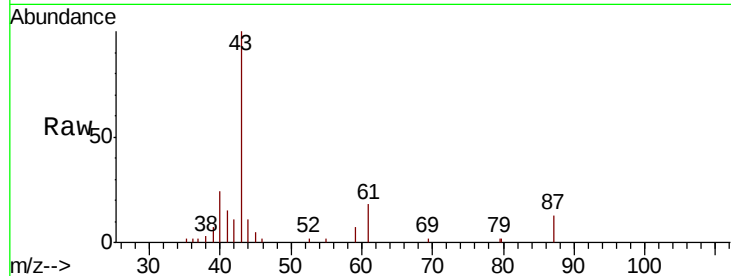


#43

Isopropyl Acetate  
 Concen: 1.504 ug/l  
 RT: 6.45 min Scan# 868  
 Delta R.T. 0.00 min  
 Lab File: VX009407.D  
 Acq: 08 May 2019 18:41

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PL-02-050719-A

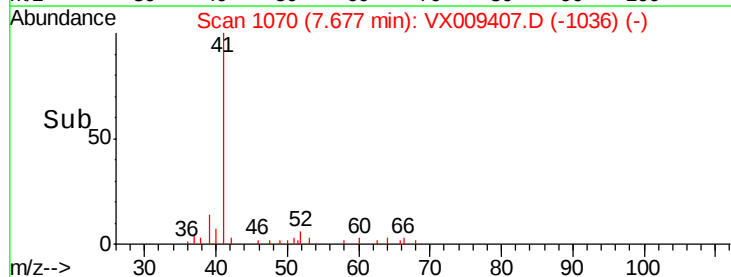
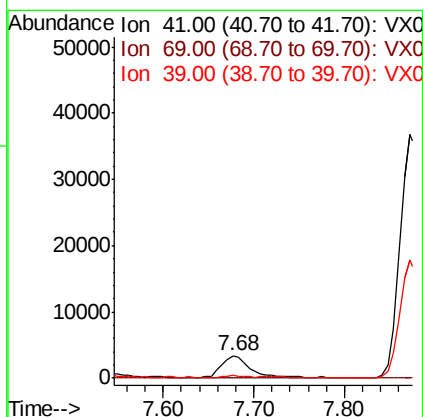
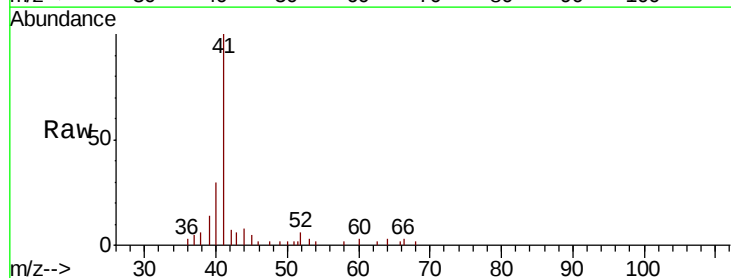
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 21.5  | 15.1  | 22.7  |
| 87      | 13.1  | 9.0   | 13.6  |

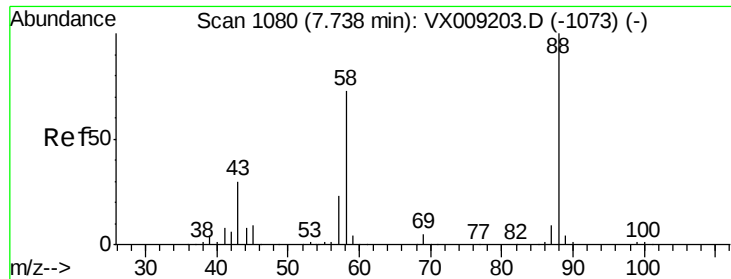


#48

Methyl methacrylate  
 Concen: 2.427 ug/l  
 RT: 7.68 min Scan# 1070  
 Delta R.T. -0.09 min  
 Lab File: VX009407.D  
 Acq: 08 May 2019 18:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 0.0   | 59.1  | 88.7# |
| 39      | 0.0   | 40.4  | 60.6# |





#49

1,4-Dioxane

Concen: 1.655 ug/l

RT: 7.87 min Scan# 1101

Delta R.T. 0.13 min

Lab File: VX009407.D

Acq: 08 May 2019 18:41

Instrument :

MSVOA\_X

ClientSampleId :

PL-02-050719-A

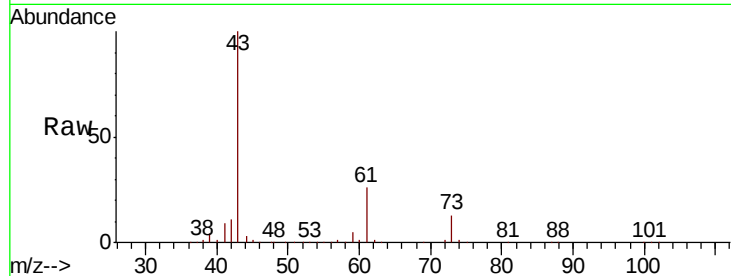
Tot Ion: 88 Resp: 98

Ion Ratio Lower Upper

88 100

43 742713.3 28.6 42.8#

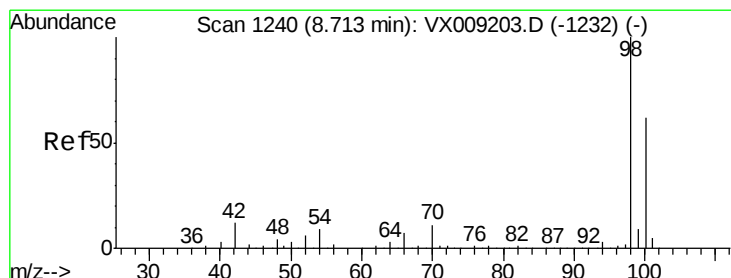
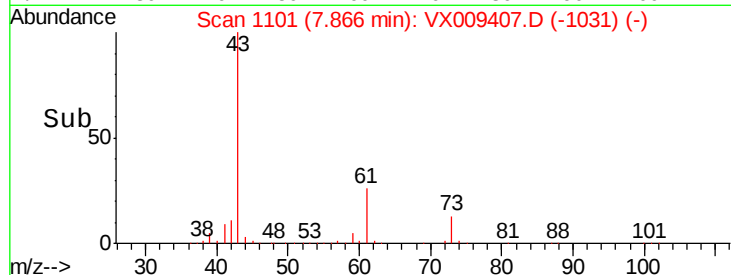
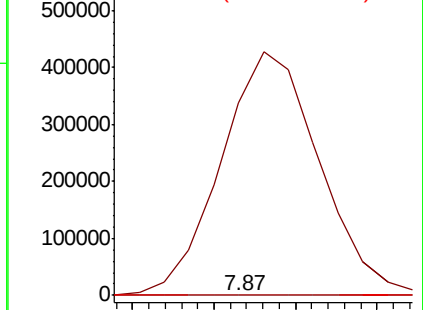
58 2913.3 61.7 92.5#



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



#50

Toluene-d8

Concen: 49.542 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009407.D

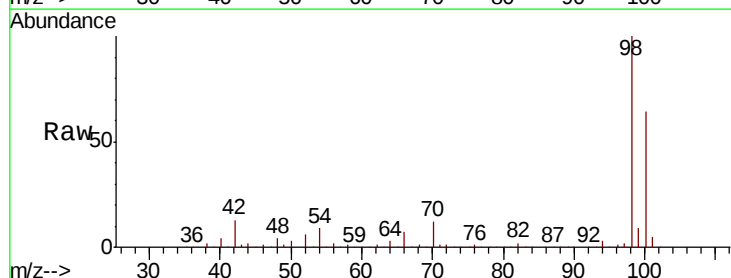
Acq: 08 May 2019 18:41

Tgt Ion: 98 Resp: 357289

Ion Ratio Lower Upper

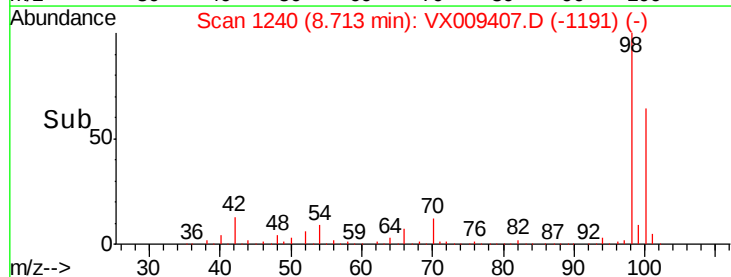
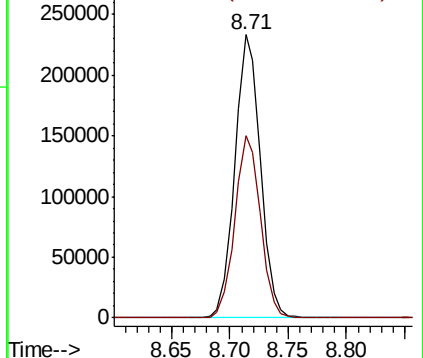
98 100

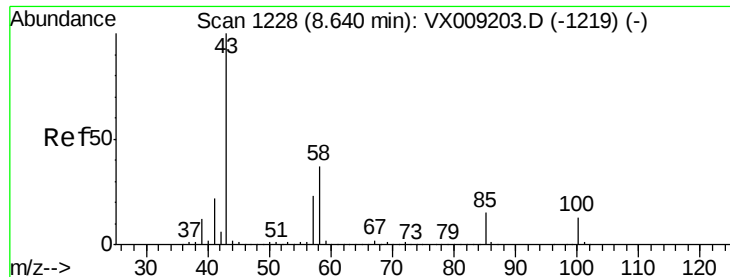
100 64.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 18.473 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.02 min

Lab File: VX009407.D

Acq: 08 May 2019 18:41

Instrument :

MSVOA\_X

ClientSampleId :

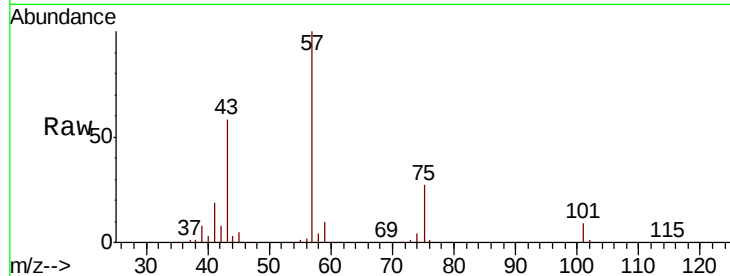
PL-02-050719-A

Tot Ion: 43 Resp: 71062

Ion Ratio Lower Upper

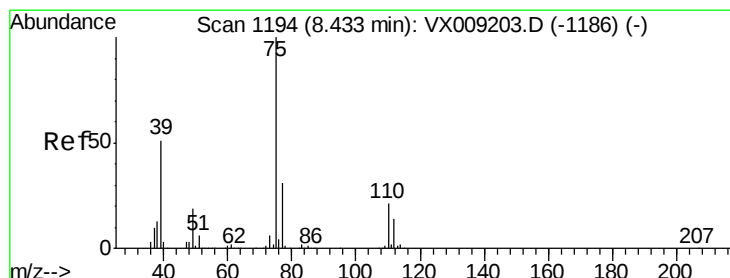
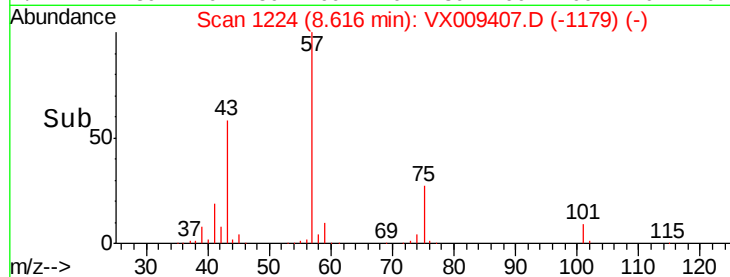
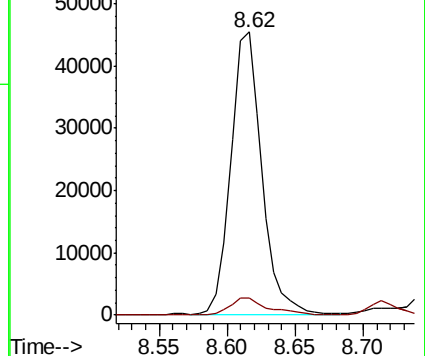
43 100

58 7.7 29.5 44.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 9.398 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX009407.D

Acq: 08 May 2019 18:41

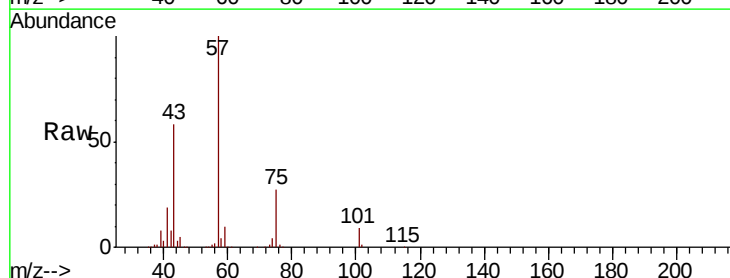
Tgt Ion: 75 Resp: 31483

Ion Ratio Lower Upper

75 100

77 0.6 24.6 36.8#

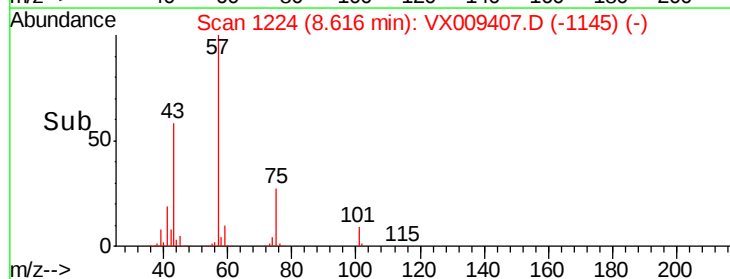
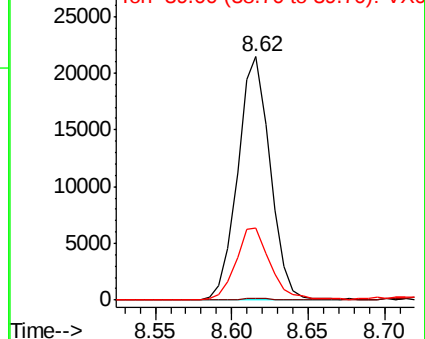
39 29.4 40.6 60.8#

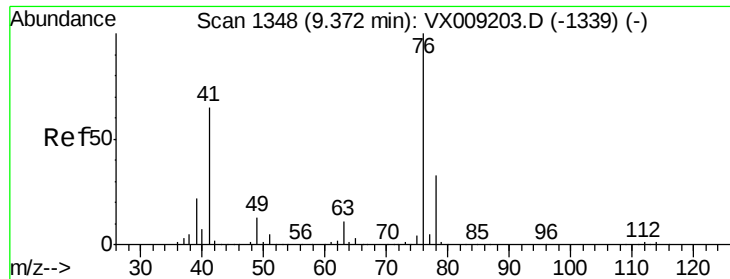


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 1.802 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX009407.D

Acq: 08 May 2019 18:41

Instrument :

MSVOA\_X

ClientSampleId :

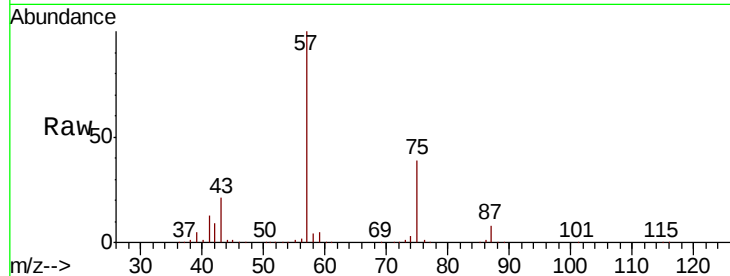
PL-02-050719-A

Tot Ion: 76 Resp: 6427

Ion Ratio Lower Upper

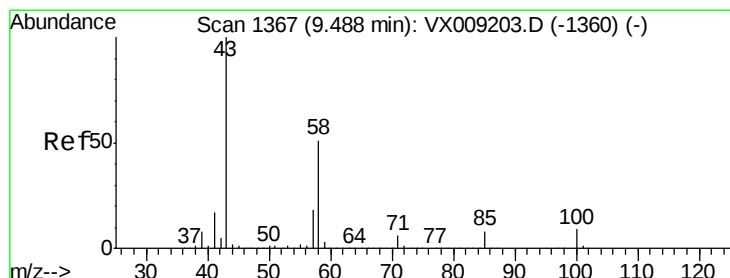
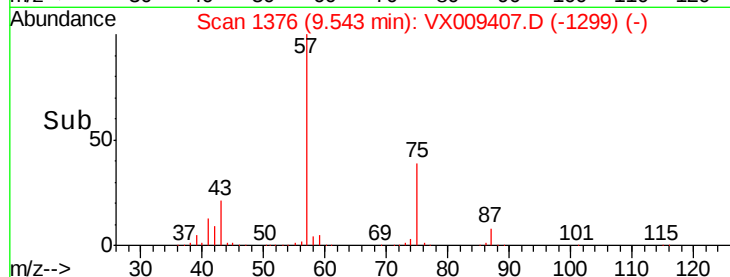
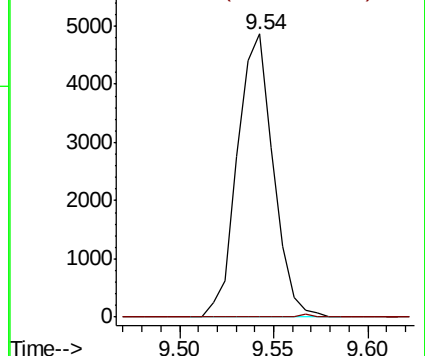
76 100

78 0.0 25.5 38.3#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 3.511 ug/l

RT: 9.44 min Scan# 1359

Delta R.T. -0.05 min

Lab File: VX009407.D

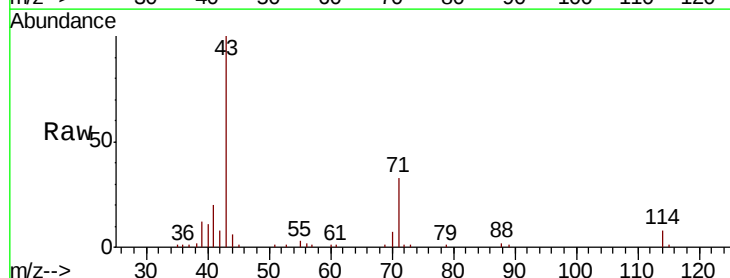
Acq: 08 May 2019 18:41

Tgt Ion: 43 Resp: 10608

Ion Ratio Lower Upper

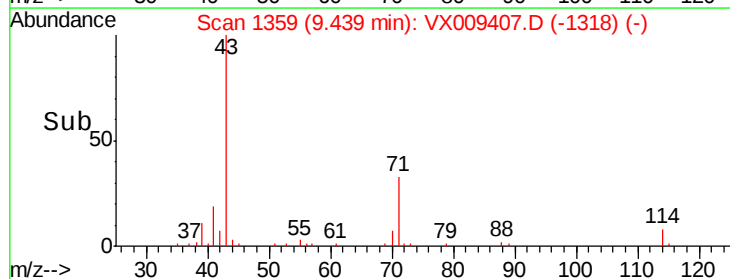
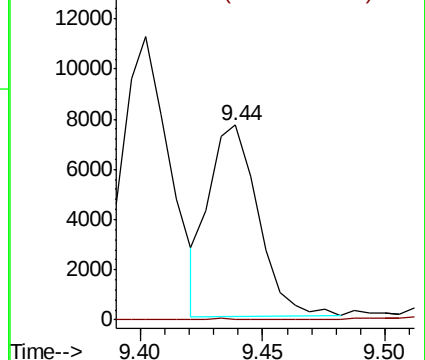
43 100

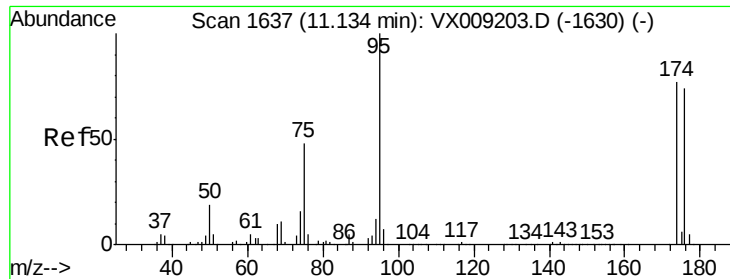
58 0.0 25.9 77.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 42.661 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009407.D

Acq: 08 May 2019 18:41

Instrument :

MSVOA\_X

ClientSampleId :

PL-02-050719-A

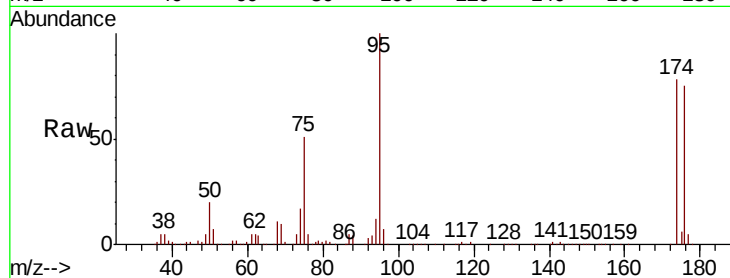
Tot Ion: 95 Resp: 111795

Ion Ratio Lower Upper

95 100

174 82.3 0.0 161.6

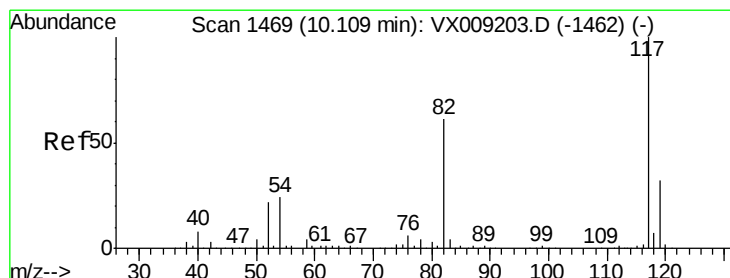
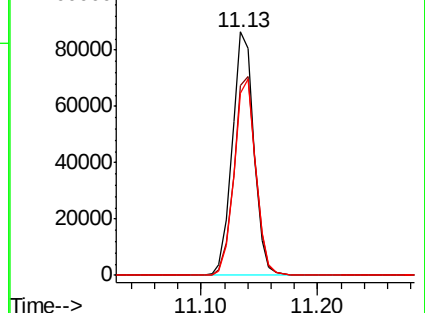
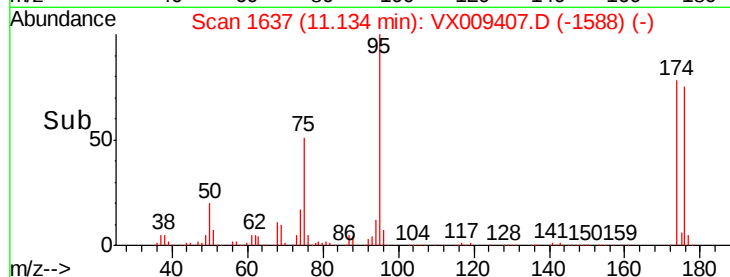
176 80.8 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009407.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009407.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009407.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX009407.D

Acq: 08 May 2019 18:41

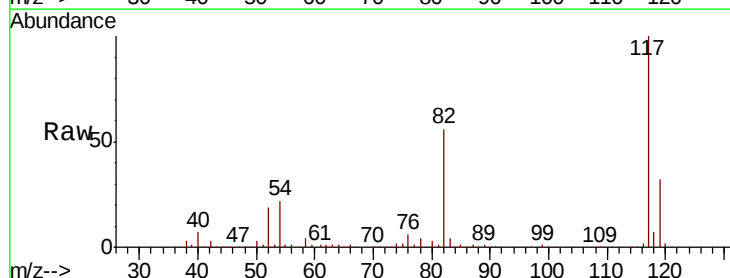
Tgt Ion: 117 Resp: 246834

Ion Ratio Lower Upper

117 100

82 56.0 48.8 73.2

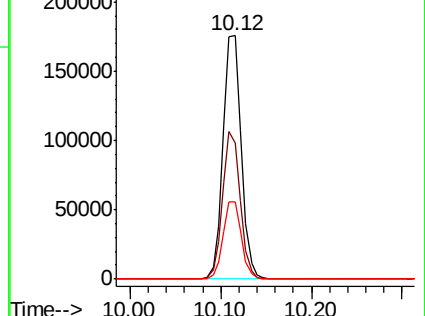
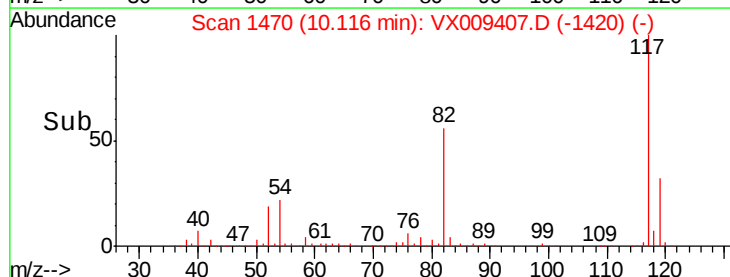
119 31.8 25.8 38.6

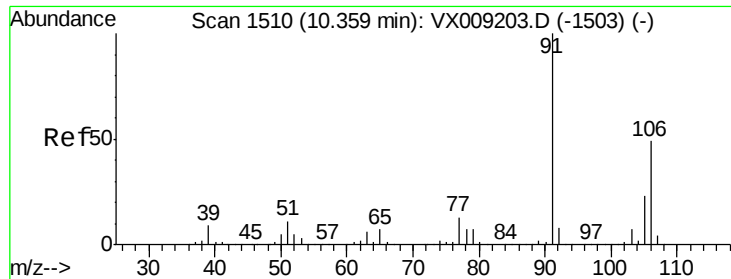


Abundance Ion 116.90 (116.60 to 117.60): VX009407.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009407.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009407.D (-1420) (-)

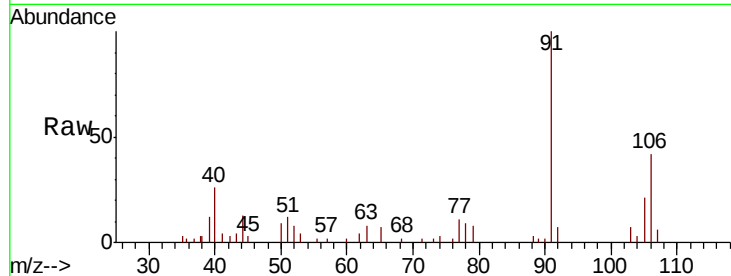




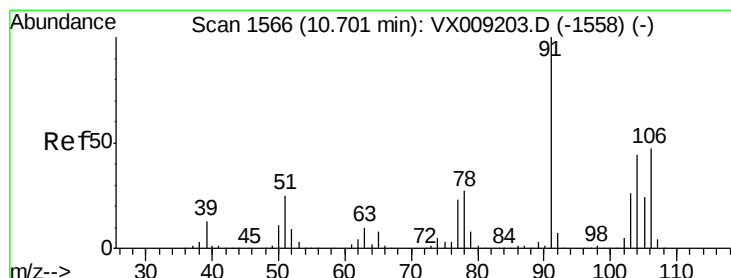
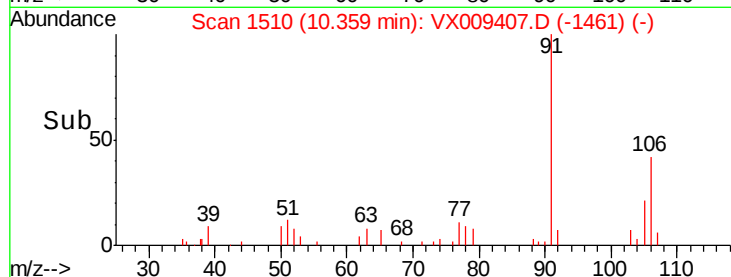
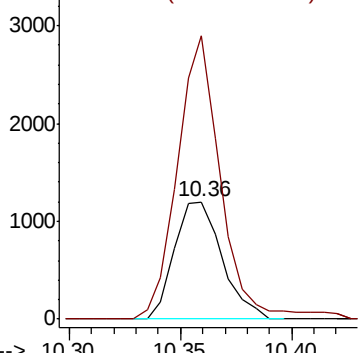
#68  
m/p-Xvlenes  
Concen: 0.537 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. 0.00 min  
Lab File: VX009407.D  
Acq: 08 May 2019 18:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
PL-02-050719-A

Tot Ion:106 Resp: 1782  
Ion Ratio Lower Upper  
106 100  
91 221.4 164.0 246.0

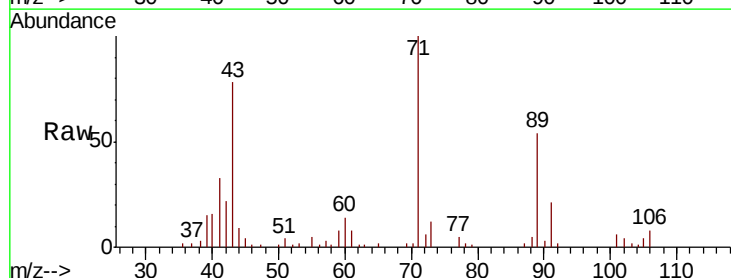


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

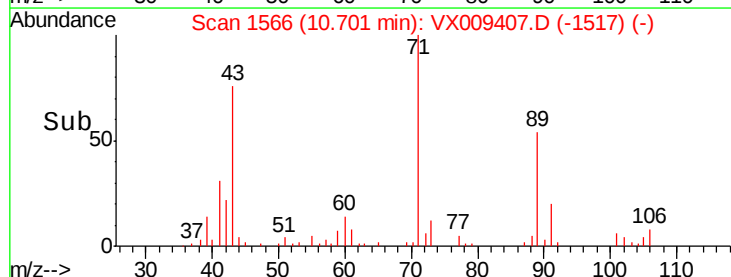
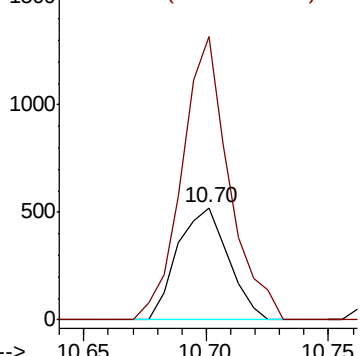


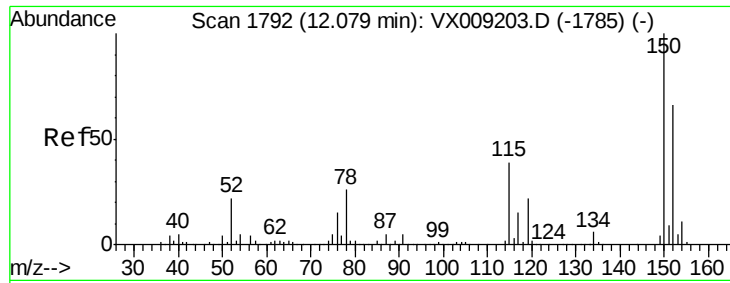
#69  
o-Xylene  
Concen: 0.229 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. 0.00 min  
Lab File: VX009407.D  
Acq: 08 May 2019 18:41

Tgt Ion:106 Resp: 751  
Ion Ratio Lower Upper  
106 100  
91 234.9 109.5 328.4



Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009407.D

Acq: 08 May 2019 18:41

Instrument :

MSVOA\_X

ClientSampleId :

PL-02-050719-A

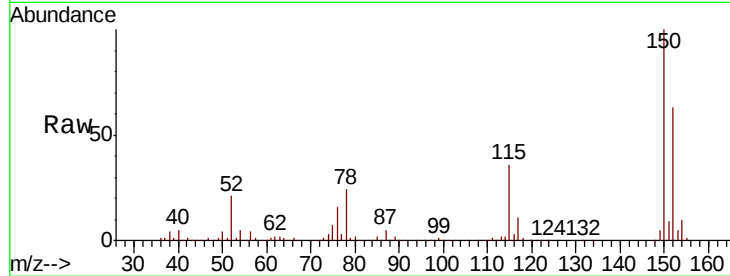
Tot Ion:152 Resp: 98174

Ion Ratio Lower Upper

152 100

115 58.3 41.2 123.6

150 155.6 0.0 346.4

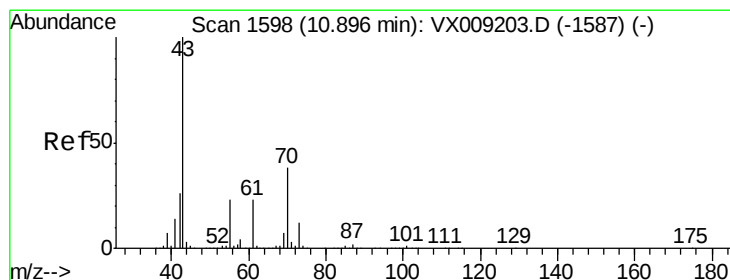
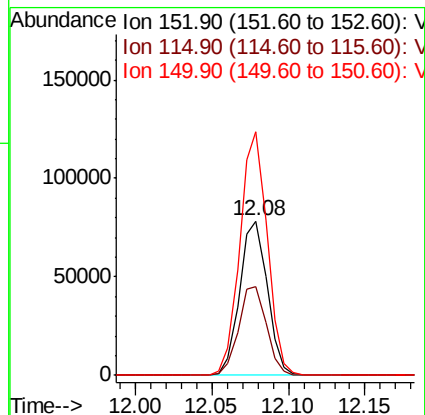
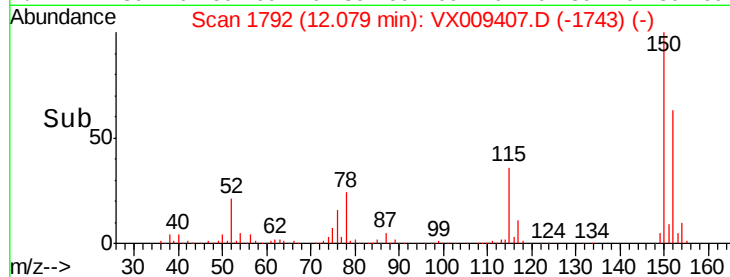


Abundance

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



#74

N-ethyl acetate

Concen: 2.306 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.20 min

Lab File: VX009407.D

Acq: 08 May 2019 18:41

Tgt Ion: 43 Resp: 9599

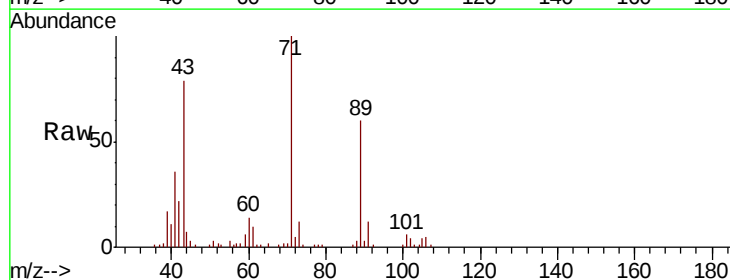
Ion Ratio Lower Upper

43 100

70 2.4 30.0 45.0#

55 5.2 17.9 26.9#

61 11.1 18.4 27.6#



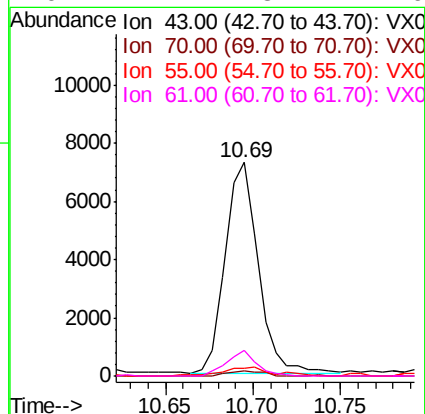
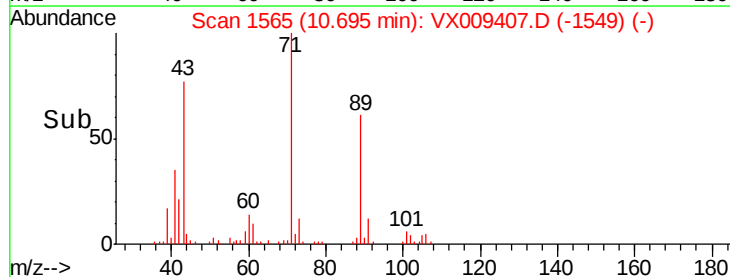
Abundance

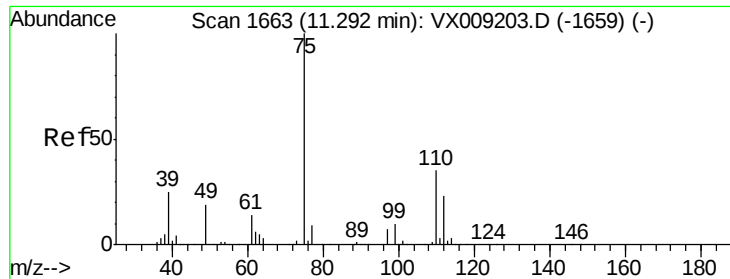
Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 25.062 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009407.D

Acq: 08 May 2019 18:41

Instrument :

MSVOA\_X

ClientSampleId :

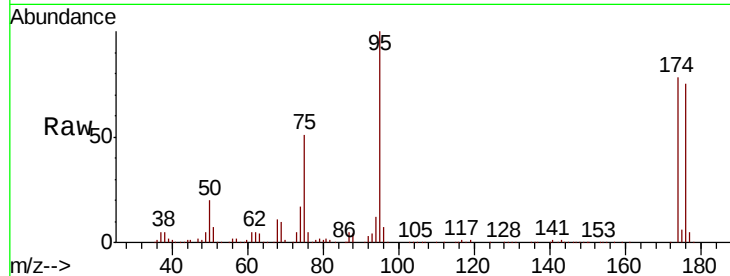
PL-02-050719-A

Tot Ion: 75 Resp: 57073

Ion Ratio Lower Upper

75 100

77 1.2 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX009203.D (-1659) (-)

Ion 77.00 (76.70 to 77.70): VX009203.D (-1659) (-)

11.13

40000

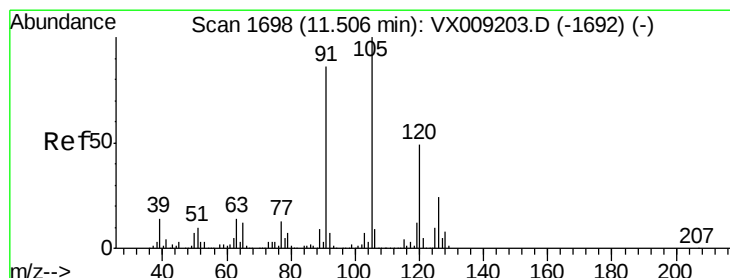
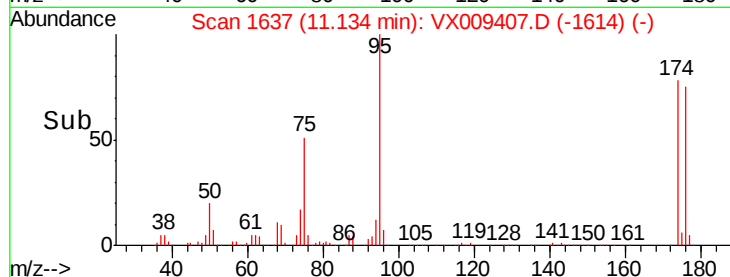
30000

20000

10000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.594 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009407.D

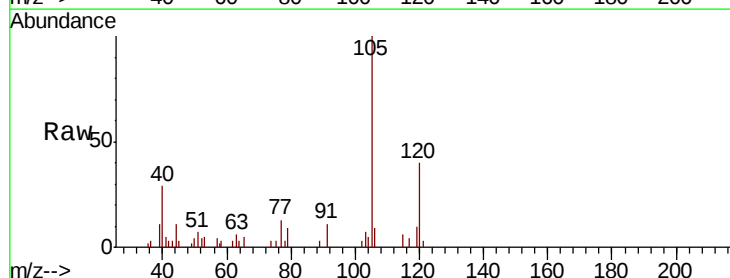
Acq: 08 May 2019 18:41

Tgt Ion: 105 Resp: 3570

Ion Ratio Lower Upper

105 100

120 42.4 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VX009203.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX009203.D (-1692) (-)

11.51

3000

2500

2000

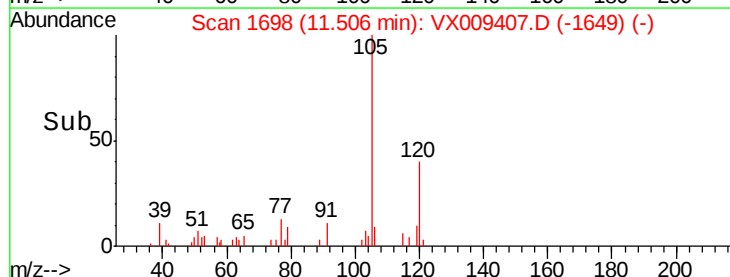
1500

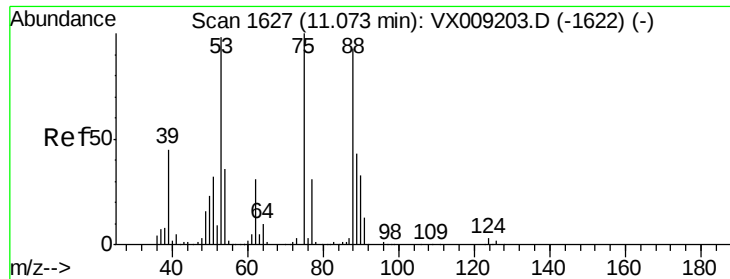
1000

500

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 64.124 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009407.D

Acq: 08 May 2019 18:41

Instrument :

MSVOA\_X

ClientSampleId :

PL-02-050719-A

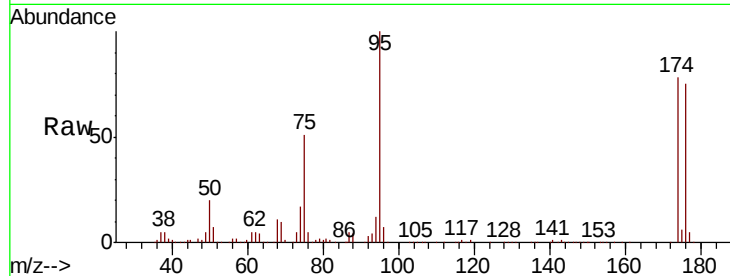
Tot Ion: 75 Resp: 57073

Ion Ratio Lower Upper

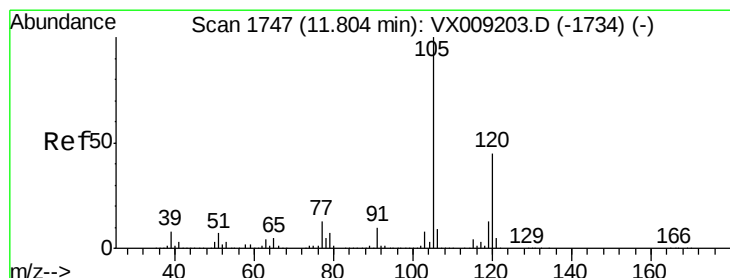
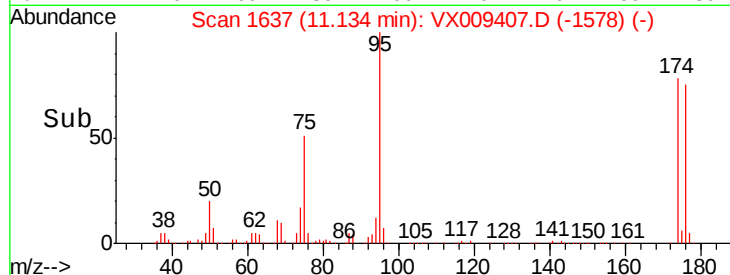
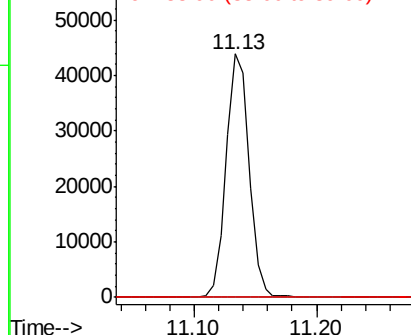
75 100

53 0.2 79.0 118.6#

89 0.0 34.7 52.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0  
Ion 53.00 (52.70 to 53.70): VX0  
Ion 88.90 (88.60 to 89.60): VX0



#84

1,2,4-Trimethylbenzene

Concen: 1.227 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX009407.D

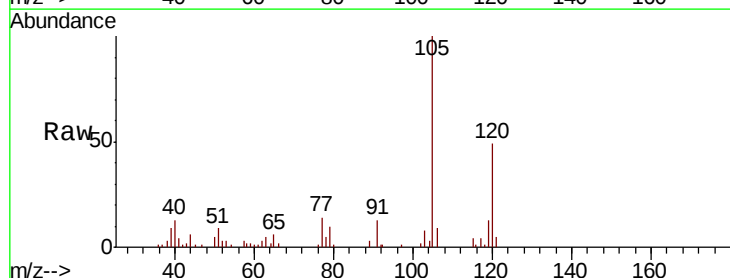
Acq: 08 May 2019 18:41

Tgt Ion: 105 Resp: 7405

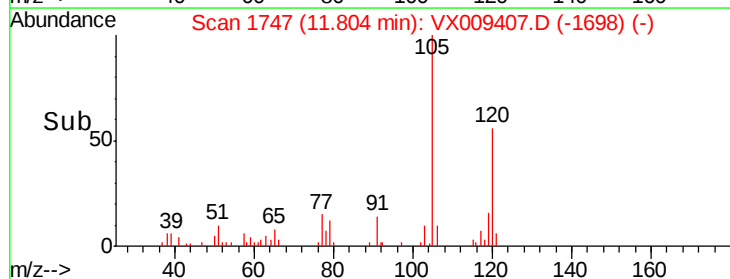
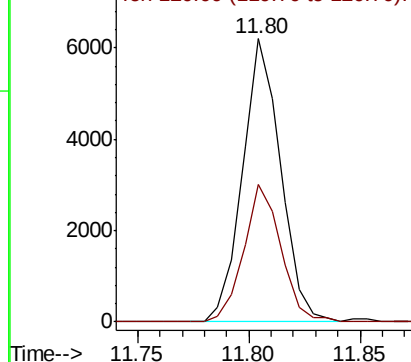
Ion Ratio Lower Upper

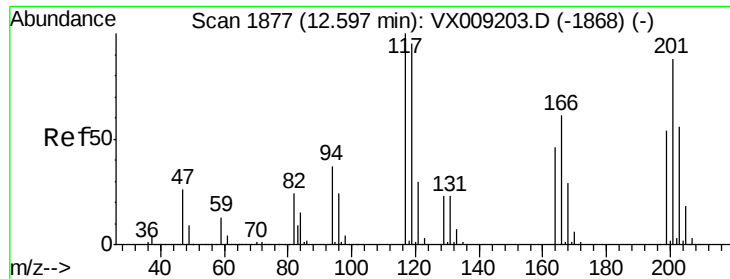
105 100

120 47.5 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 120.00 (119.70 to 120.70): V

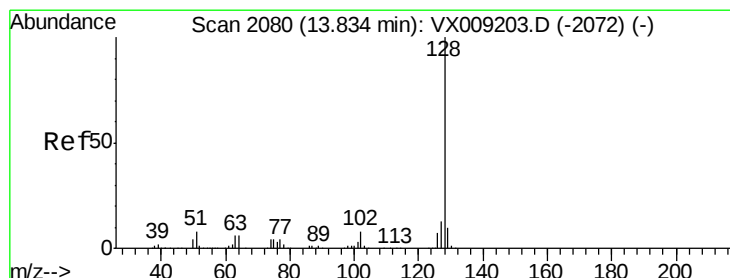
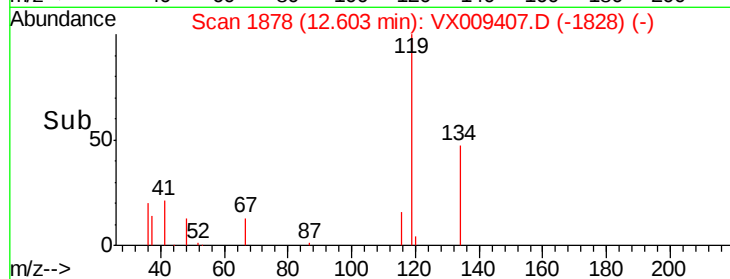
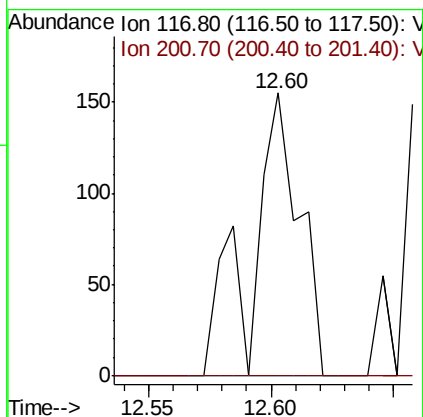
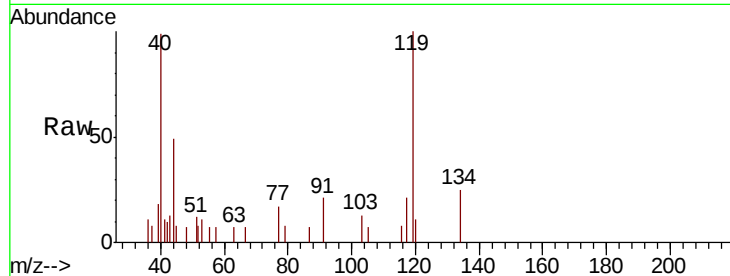




#90  
Hexachloroethane  
Concen: 0.202 ug/l  
RT: 12.60 min Scan# 1878  
Delta R.T. 0.01 min  
Lab File: VX009407.D  
Acq: 08 May 2019 18:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
PL-02-050719-A

Tot Ion:117 Resp: 214  
Ion Ratio Lower Upper  
117 100  
201 0.0 42.3 126.9#



#95  
Naphthalene  
Concen: 15.893 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. 0.00 min  
Lab File: VX009407.D  
Acq: 08 May 2019 18:41

Tgt Ion:128 Resp: 113760  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.4 15.6  
129 11.1 8.6 13.0

