

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX081119\  
 Data File : VX011466.D  
 Acq On : 12 Aug 2019 05:51  
 Operator : JC/SP  
 Sample : K4230-20  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 2S-A3-(1)

Quant Time: Aug 12 08:00:07 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X080119W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 02 01:55:00 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 197189   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 298450   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 272404   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 121810   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 106793   | 53.78 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 107.56% |          |
| 35) Dibromofluoromethane    | 5.49  | 113  | 90439    | 46.41 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 92.82%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 353092   | 48.01 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.02%  |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 118691   | 45.20 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 90.40%  |          |

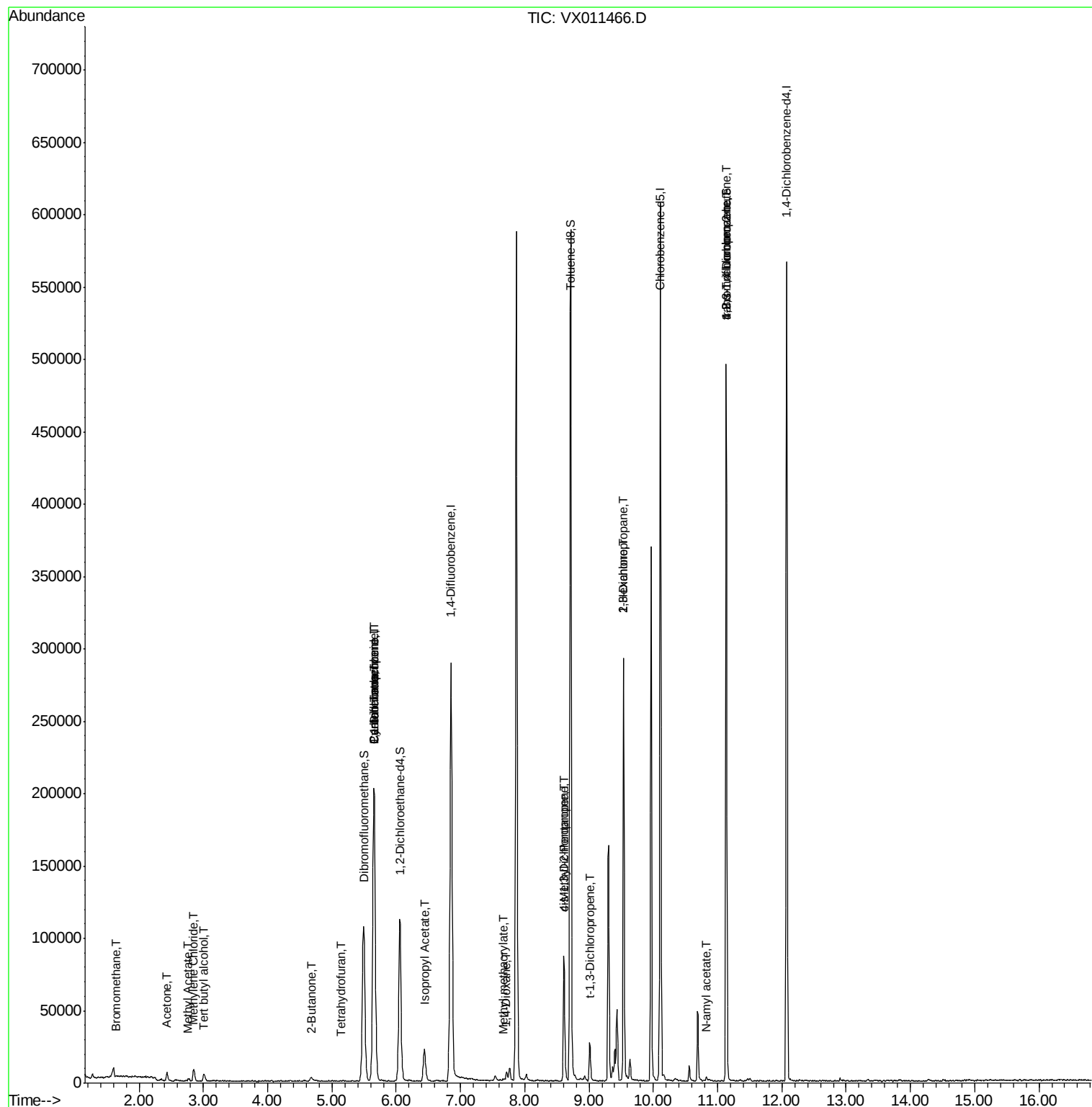
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 5) Bromomethane                | 1.64  | 94   | 286      | 0.213     | ug/l # | 69     |
| 6) Chloroethane                | 1.68  | 64   | 128      | Below Cal | #      | 70     |
| 11) Tert butyl alcohol         | 3.01  | 59   | 2781     | 7.045     | ug/l   | 97     |
| 13) Acrolein                   | 2.30  | 56   | 61       | Below Cal | #      | 1      |
| 16) Acetone                    | 2.43  | 43   | 5607     | 5.932     | ug/l   | 91     |
| 18) Methyl Acetate             | 2.77  | 43   | 2107     | 0.975     | ug/l   | 90     |
| 20) Methylene Chloride         | 2.85  | 84   | 4162     | 2.011     | ug/l # | 84     |
| 25) 2-Butanone                 | 4.68  | 43   | 737      | 0.548     | ug/l # | 46     |
| 29) Tetrahydrofuran            | 5.15  | 42   | 434      | 0.526     | ug/l # | 50     |
| 31) Cyclohexane                | 5.66  | 56   | 4116     | 1.610     | ug/l # | 13     |
| 36) 1,1-Dichloropropene        | 5.65  | 75   | 13597    | 5.218     | ug/l # | 50     |
| 38) Carbon Tetrachloride       | 5.65  | 117  | 18648    | 7.113     | ug/l # | 13     |
| 43) Isopropyl Acetate          | 6.44  | 43   | 30175    | 7.221     | ug/l   | 99     |
| 48) Methyl methacrylate        | 7.68  | 41   | 1802     | 0.916     | ug/l # | 11     |
| 49) 1,4-Dioxane                | 7.71  | 88   | 19       | 0.333     | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone       | 8.61  | 43   | 29537    | 10.952    | ug/l # | 46     |
| 53) t-1,3-Dichloropropene      | 9.01  | 75   | 87       | 2.867     | ug/l # | 43     |
| 54) cis-1,3-Dichloropropene    | 8.61  | 75   | 13870    | 4.771     | ug/l # | 66     |
| 57) 1,3-Dichloropropane        | 9.54  | 76   | 2752     | 0.823     | ug/l # | 41     |
| 59) 2-Hexanone                 | 9.54  | 43   | 32269    | 15.448    | ug/l # | 53     |
| 74) N-amyl acetate             | 10.83 | 43   | 1285     | 0.427     | ug/l # | 49     |
| 76) 1,2,3-Trichloropropane     | 11.13 | 75   | 59895    | 27.000    | ug/l # | 36     |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75   | 59895    | 70.097    | ug/l # | 10     |

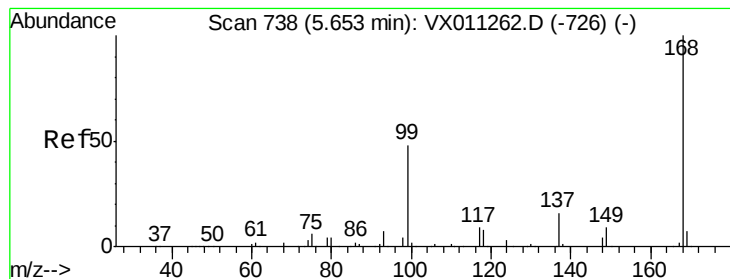
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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2S-A3-(1)

Quant Time: Aug 12 08:00:07 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X080119W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 02 01:55:00 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011466.D

Acq: 12 Aug 2019 05:51

Instrument :

MSVOA\_X

ClientSampleId :

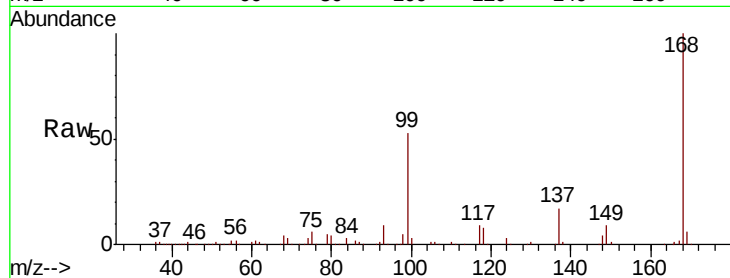
2S-A3-(1)

Tgt Ion:168 Resp: 197189

Ion Ratio Lower Upper

168 100

99 52.9 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

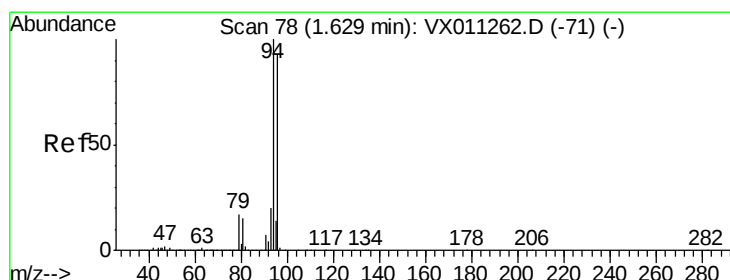
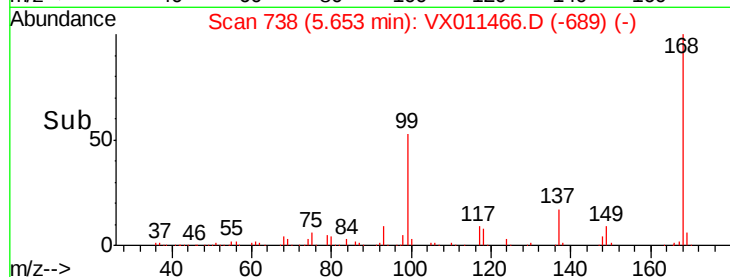
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.213 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.01 min

Lab File: VX011466.D

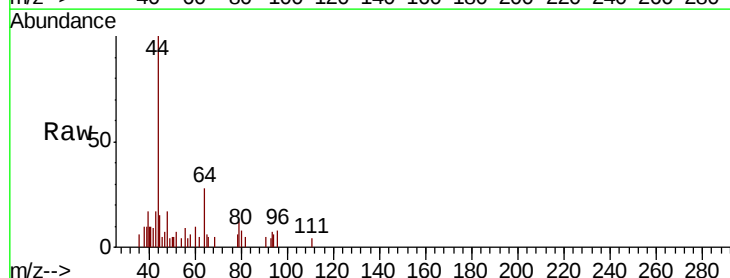
Acq: 12 Aug 2019 05:51

Tgt Ion: 94 Resp: 286

Ion Ratio Lower Upper

94 100

96 63.8 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

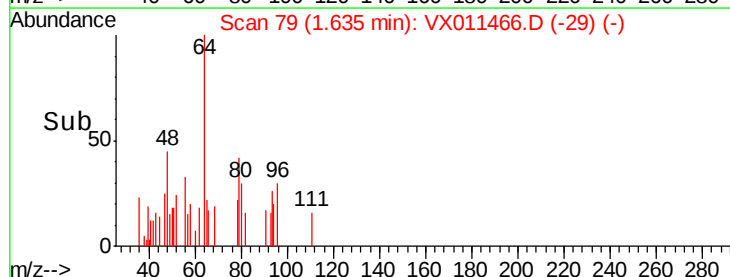
150

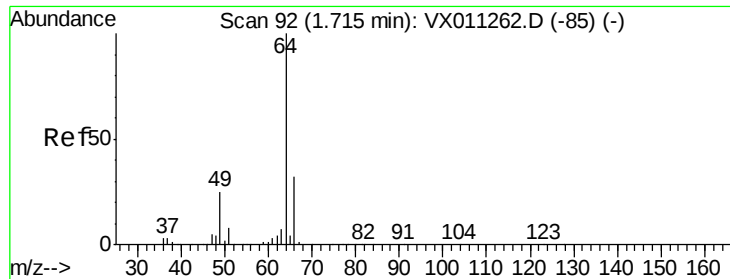
100

50

0

Time--> 1.60 1.65 1.70





#6

Chloroethane

Concen: Below Cal

RT: 1.68 min Scan# 87

Delta R.T. -0.03 min

Lab File: VX011466.D

Acq: 12 Aug 2019 05:51

Instrument :

MSVOA\_X

ClientSampleId :

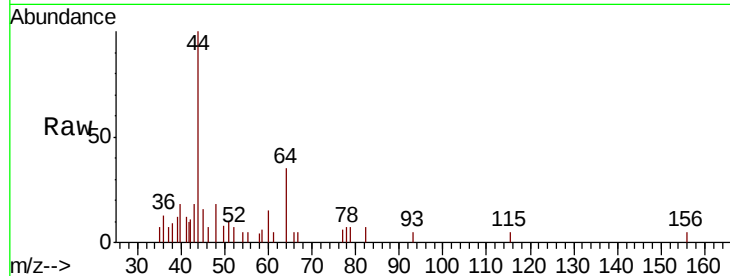
2S-A3-(1)

Tgt Ion: 64 Resp: 128

Ion Ratio Lower Upper

64 100

66 47.9 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.68

400

300

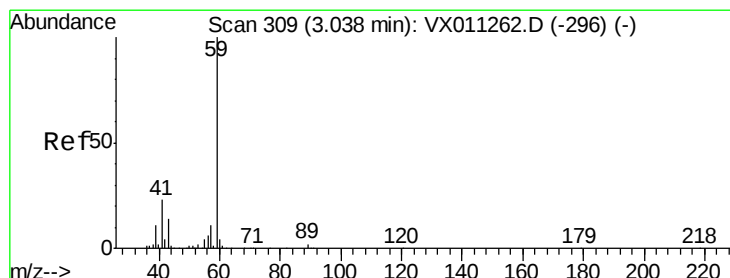
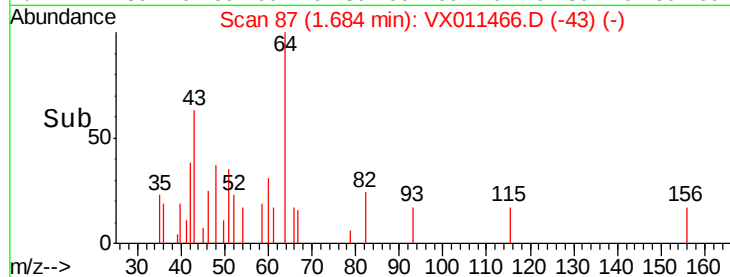
200

100

0

1.66 1.67 1.68 1.69 1.70

Time-->



#11

Tert butyl alcohol

Concen: 7.045 ug/l

RT: 3.01 min Scan# 304

Delta R.T. -0.03 min

Lab File: VX011466.D

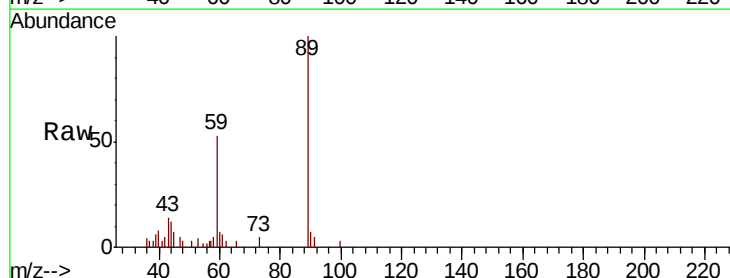
Acq: 12 Aug 2019 05:51

Tgt Ion: 59 Resp: 2781

Ion Ratio Lower Upper

59 100

57 11.7 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

1200

1000

800

600

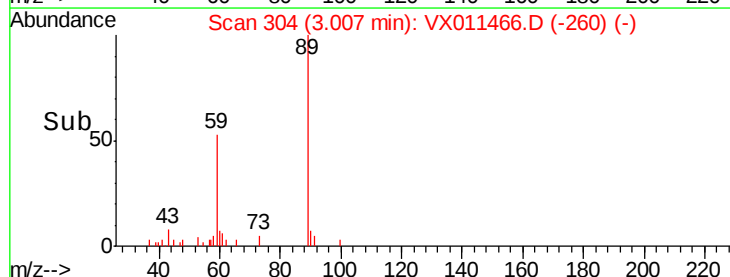
400

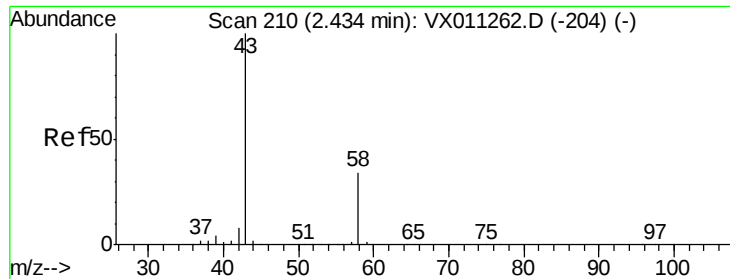
200

0

2.95 3.00 3.05

Time-->





#16

Acetone

Concen: 5.932 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011466.D

Acq: 12 Aug 2019 05:51

Instrument :

MSVOA\_X

ClientSampleId :

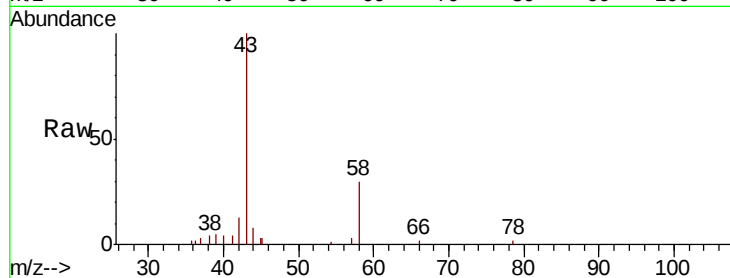
2S-A3-(1)

Tgt Ion: 43 Resp: 5607

Ion Ratio Lower Upper

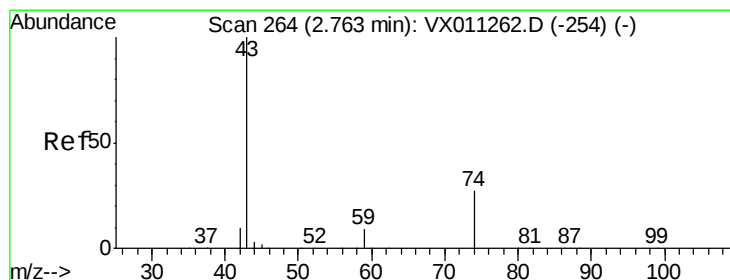
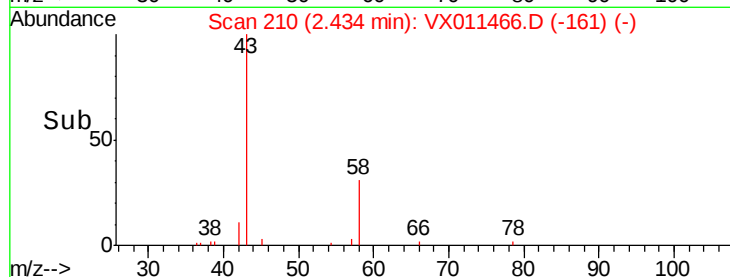
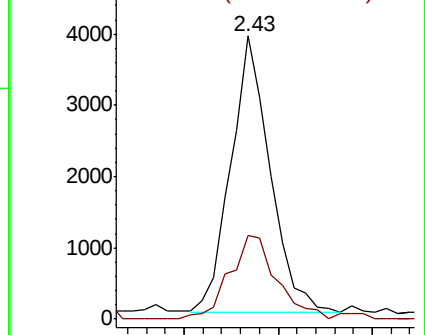
43 100

58 28.8 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 0.975 ug/l

RT: 2.77 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX011466.D

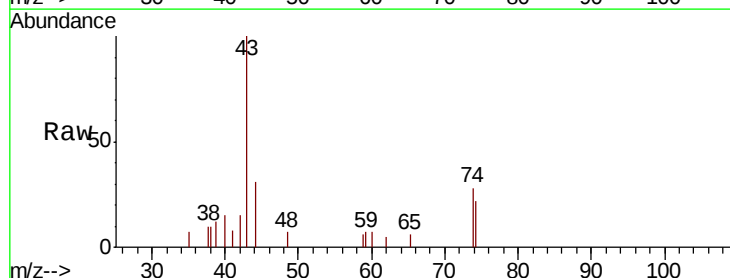
Acq: 12 Aug 2019 05:51

Tgt Ion: 43 Resp: 2107

Ion Ratio Lower Upper

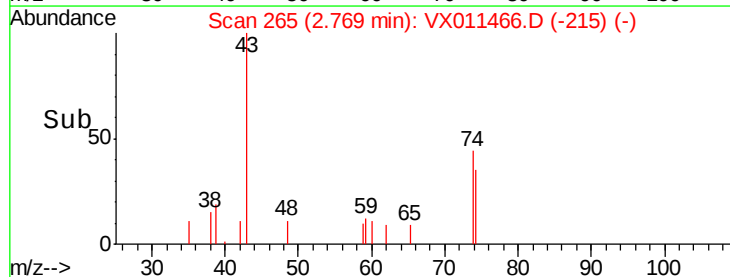
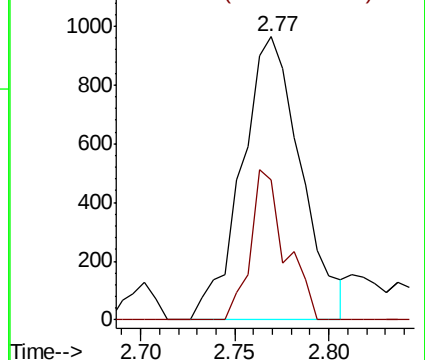
43 100

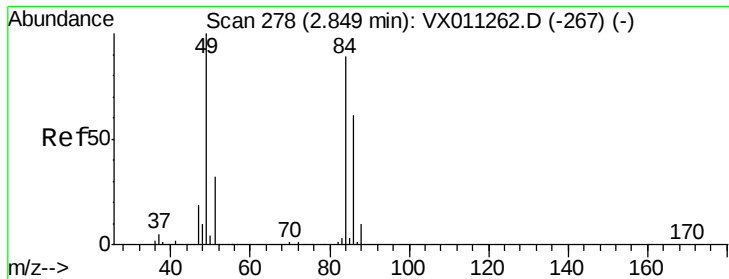
74 31.3 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#20

Methylene Chloride

Concen: 2.011 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.00 min

Lab File: VX011466.D

Acq: 12 Aug 2019 05:51

Instrument :

MSVOA\_X

ClientSampleId :

2S-A3-(1)

Tgt Ion: 84 Resp: 4162

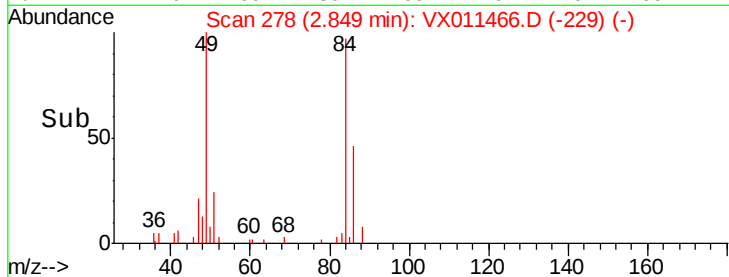
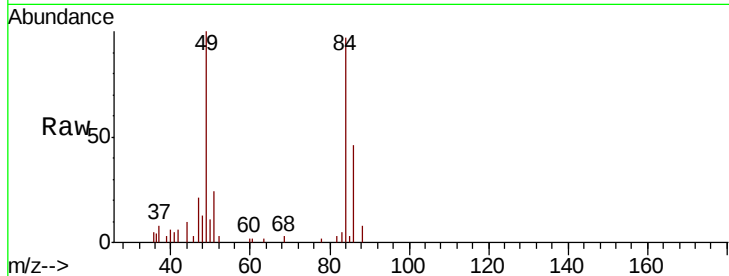
Ion Ratio Lower Upper

84 100

49 103.1 89.3 133.9

51 20.3 28.3 42.5#

86 47.9 54.5 81.7#

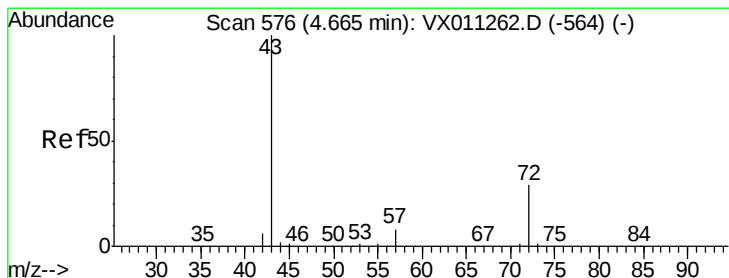
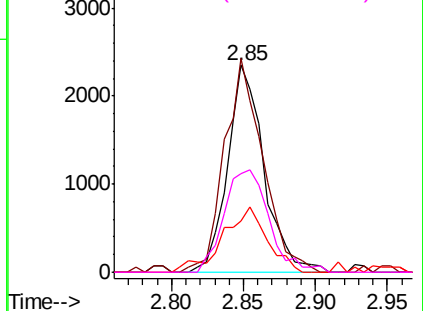


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 0.548 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.02 min

Lab File: VX011466.D

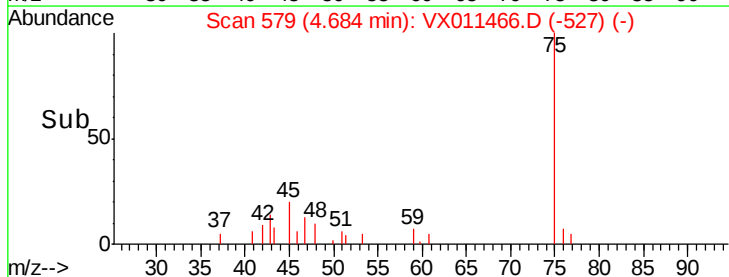
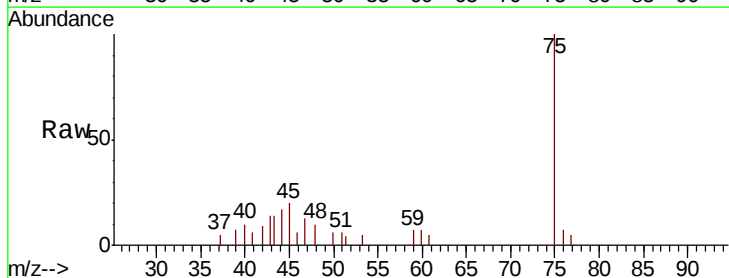
Acq: 12 Aug 2019 05:51

Tgt Ion: 43 Resp: 737

Ion Ratio Lower Upper

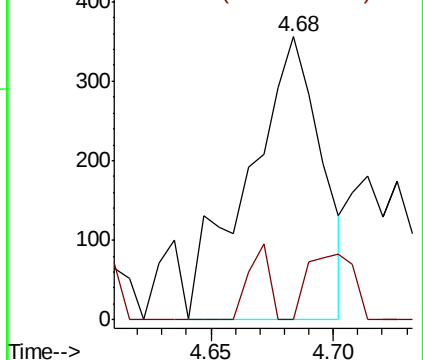
43 100

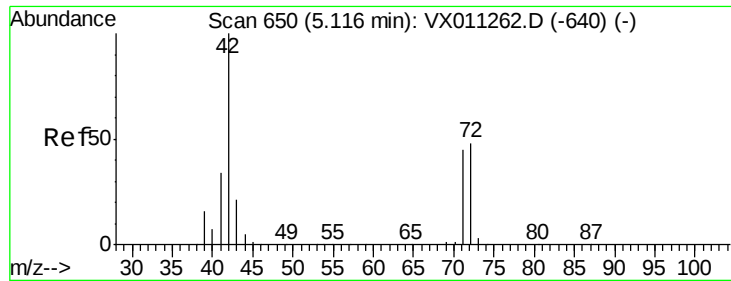
72 0.0 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

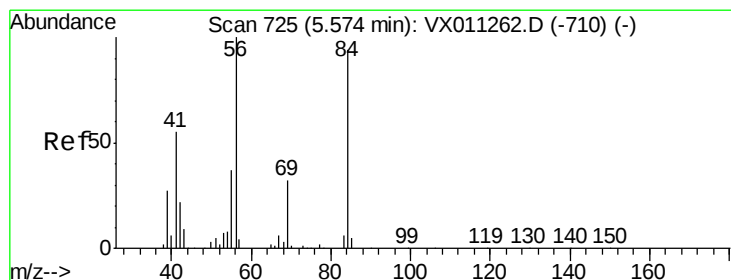
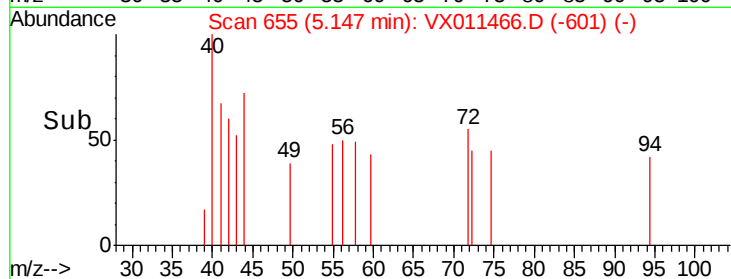
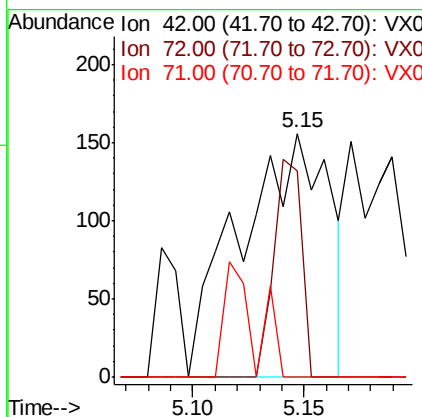
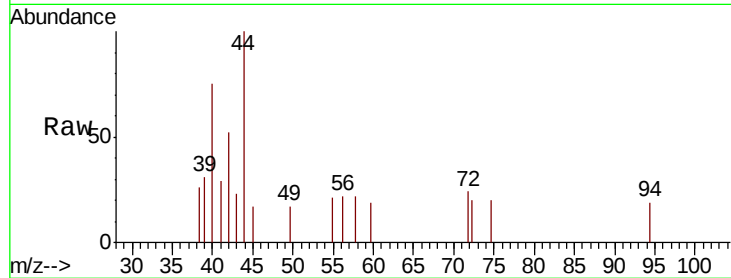




#29  
Tetrahydrofuran  
Concen: 0.526 ug/l  
RT: 5.15 min Scan# 655  
Delta R.T. 0.03 min  
Lab File: VX011466.D  
Acq: 12 Aug 2019 05:51

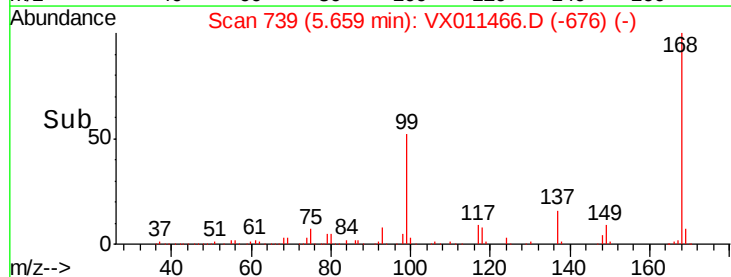
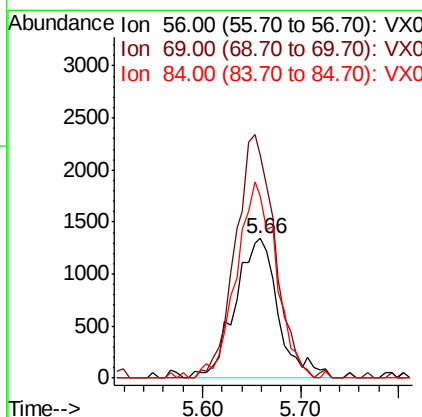
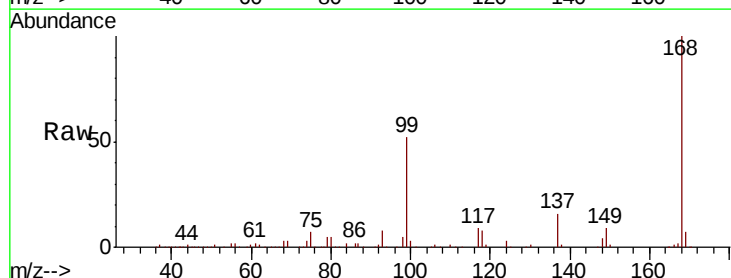
Instrument :  
MSVOA\_X  
ClientSampled :  
2S-A3-(1)

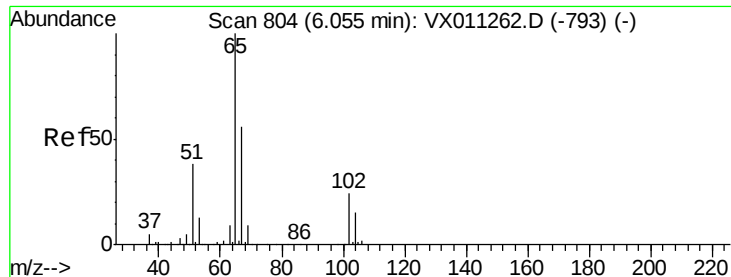
Tgt Ion: 42 Resp: 434  
Ion Ratio Lower Upper  
42 100  
72 27.4 39.9 59.9#  
71 0.0 36.9 55.3#



#31  
Cyclohexane  
Concen: 1.610 ug/l  
RT: 5.66 min Scan# 739  
Delta R.T. 0.09 min  
Lab File: VX011466.D  
Acq: 12 Aug 2019 05:51

Tgt Ion: 56 Resp: 4116  
Ion Ratio Lower Upper  
56 100  
69 160.4 25.5 38.3#  
84 130.7 75.0 112.4#





#33

1,2-Dichloroethane-d4

Concen: 53.778 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011466.D

Acq: 12 Aug 2019 05:51

Instrument :

MSVOA\_X

ClientSampleId :

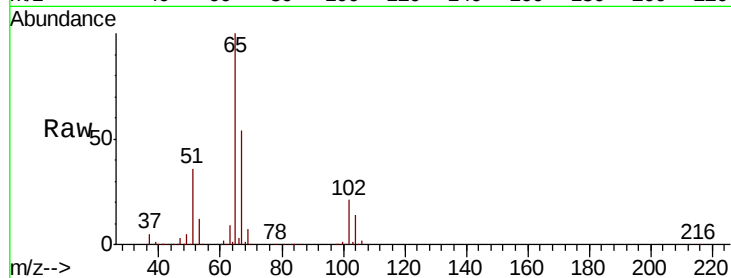
2S-A3-(1)

Tgt Ion: 65 Resp: 106793

Ion Ratio Lower Upper

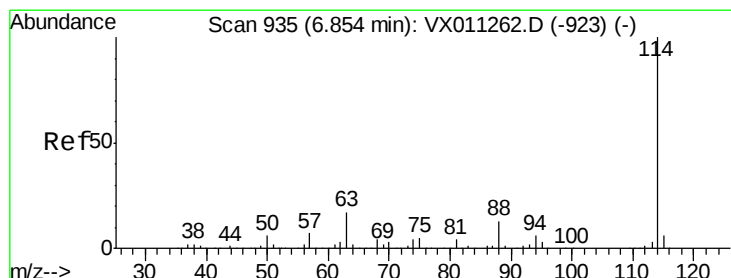
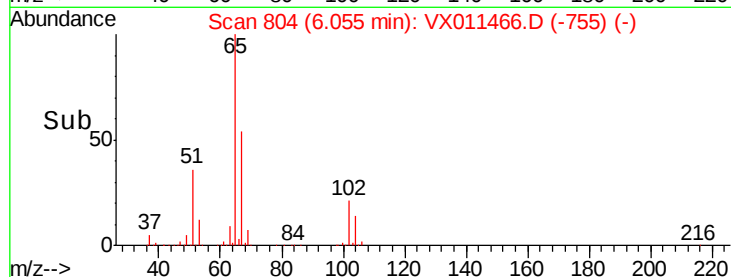
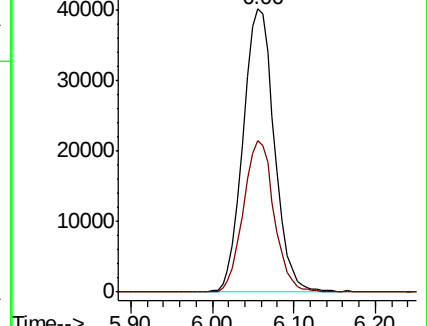
65 100

67 52.6 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011466.D

Acq: 12 Aug 2019 05:51

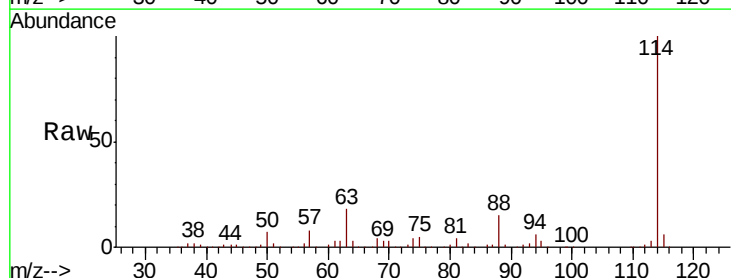
Tgt Ion: 114 Resp: 298450

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.0

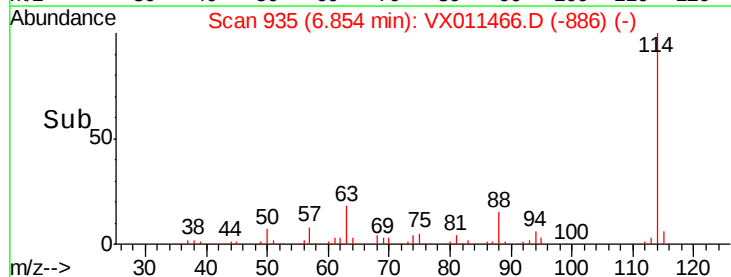
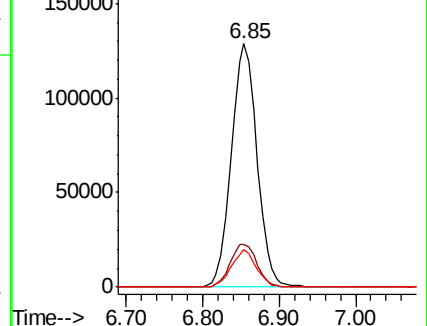
88 15.4 0.0 26.4

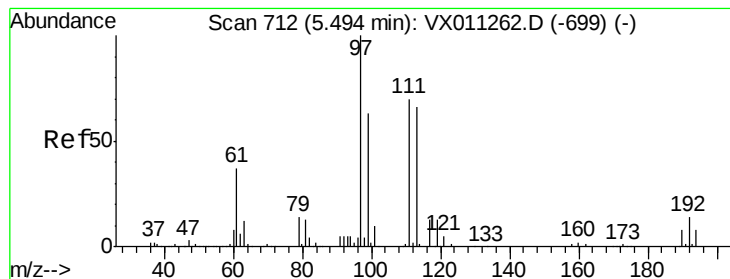


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.414 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011466.D

Acq: 12 Aug 2019 05:51

Instrument :

MSVOA\_X

ClientSampleId :

2S-A3-(1)

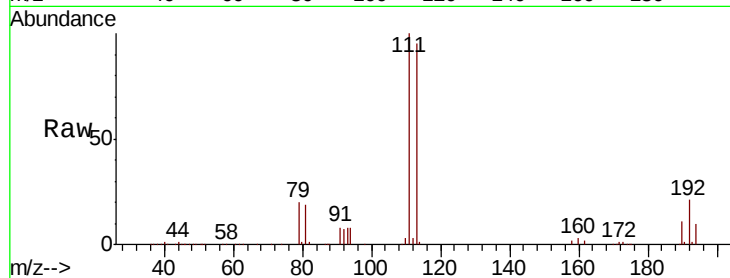
Tgt Ion:113 Resp: 90439

Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

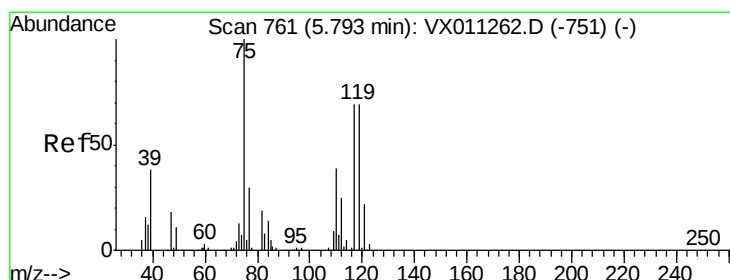
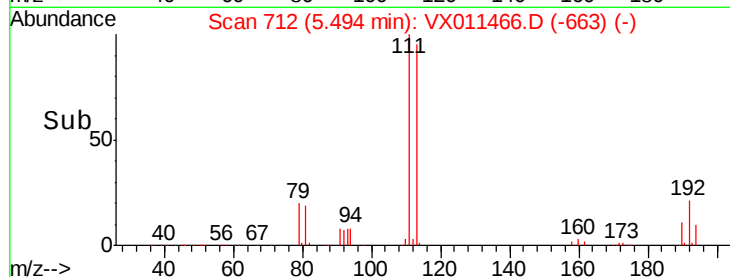
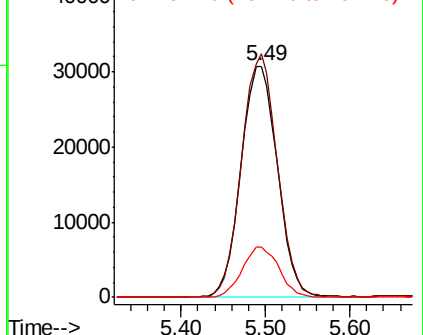
192 22.0 17.8 26.8



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: 5.218 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.14 min

Lab File: VX011466.D

Acq: 12 Aug 2019 05:51

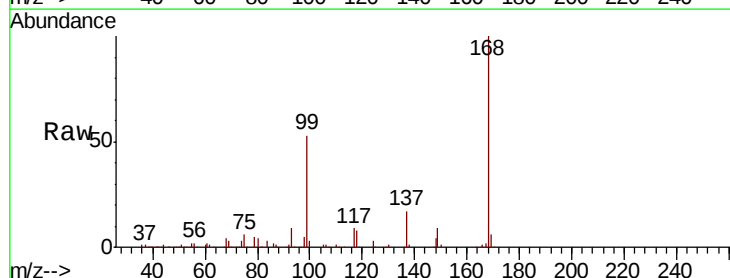
Tgt Ion: 75 Resp: 13597

Ion Ratio Lower Upper

75 100

110 11.6 20.0 59.9#

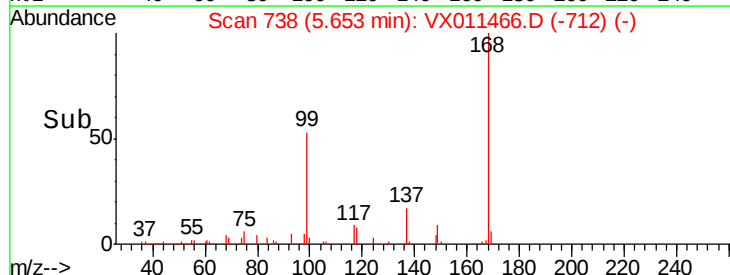
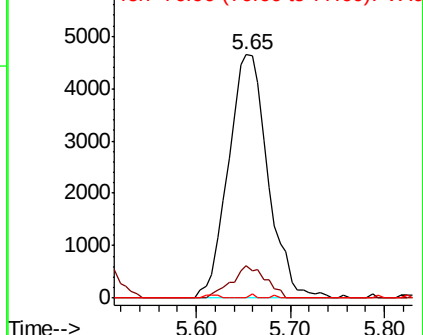
77 0.2 24.8 37.2#

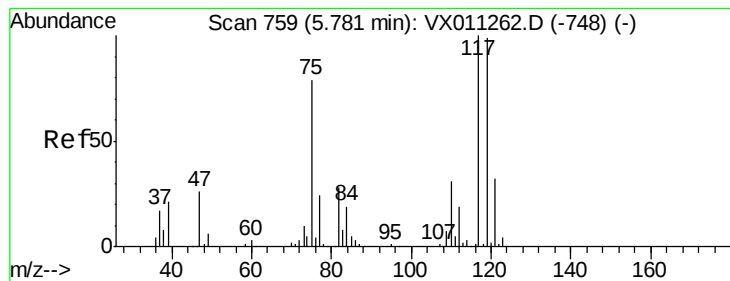


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 7.113 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX011466.D

Acq: 12 Aug 2019 05:51

Instrument :

MSVOA\_X

ClientSampleId :

2S-A3-(1)

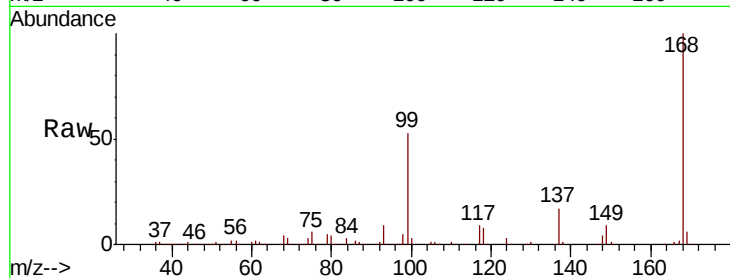
Tgt Ion:117 Resp: 18648

Ion Ratio Lower Upper

117 100

119 3.1 79.0 118.4#

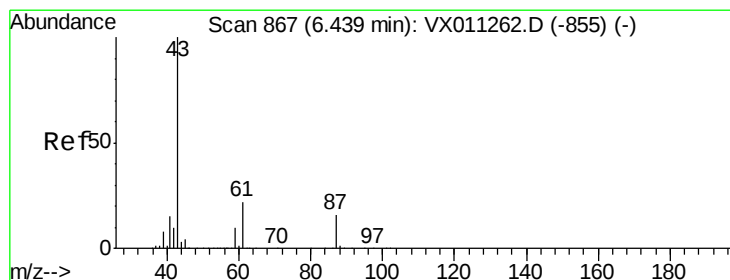
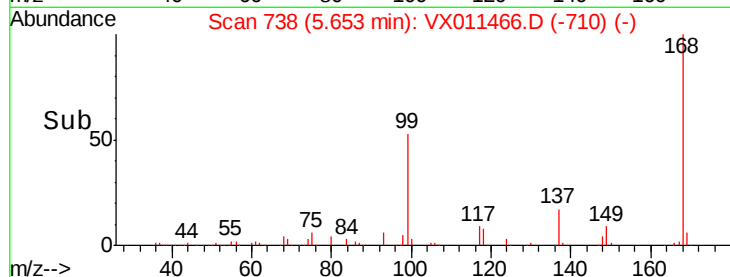
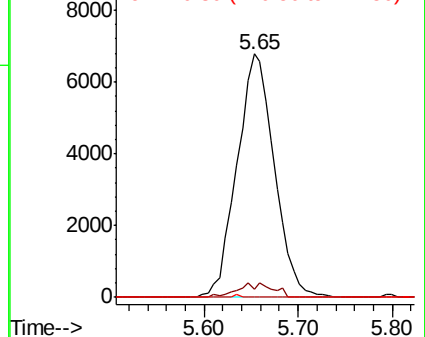
121 0.0 25.9 38.9#



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



#43

Isopropyl Acetate

Concen: 7.221 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011466.D

Acq: 12 Aug 2019 05:51

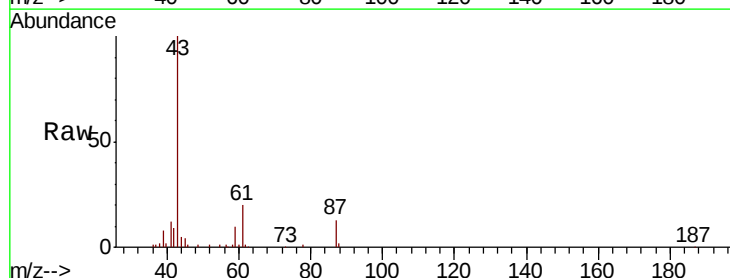
Tgt Ion: 43 Resp: 30175

Ion Ratio Lower Upper

43 100

61 20.0 16.5 24.7

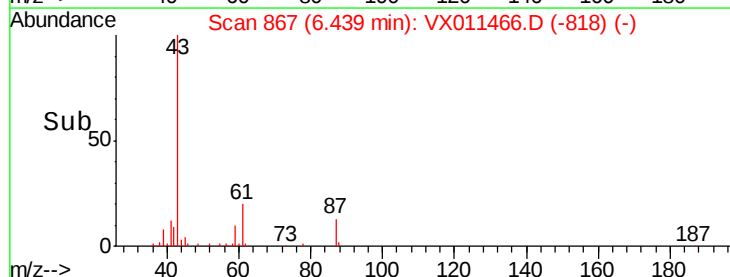
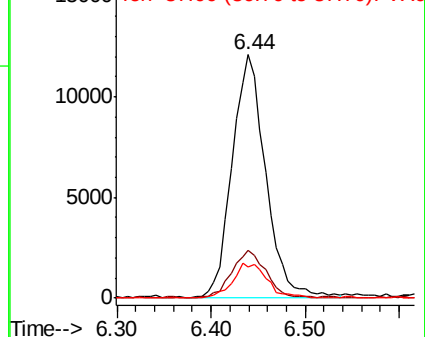
87 14.6 12.1 18.1

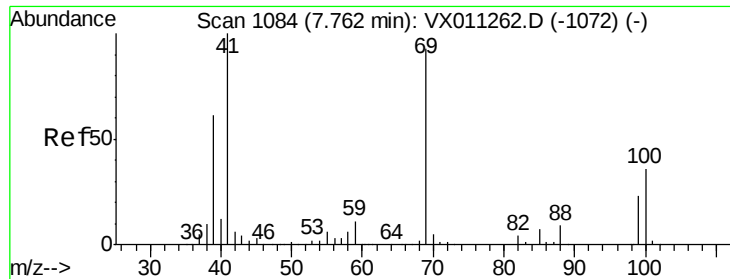


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

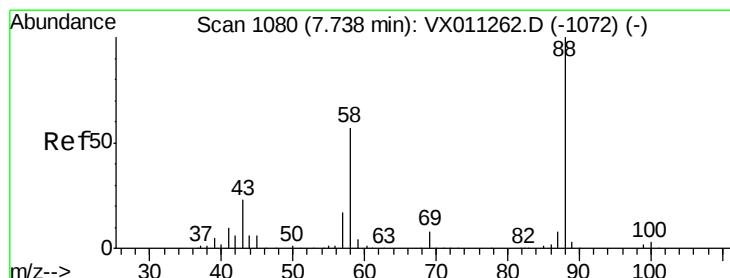
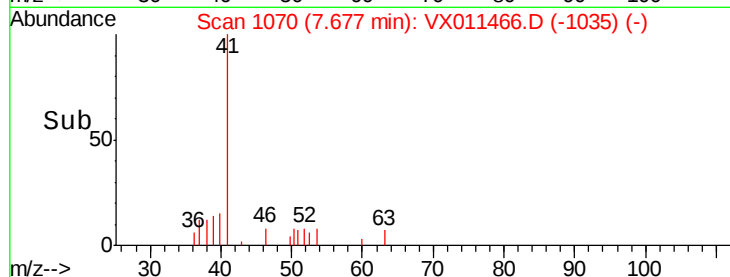
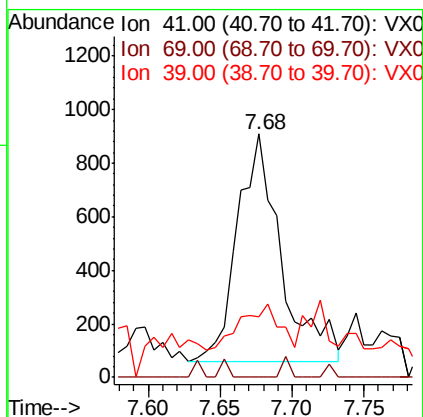
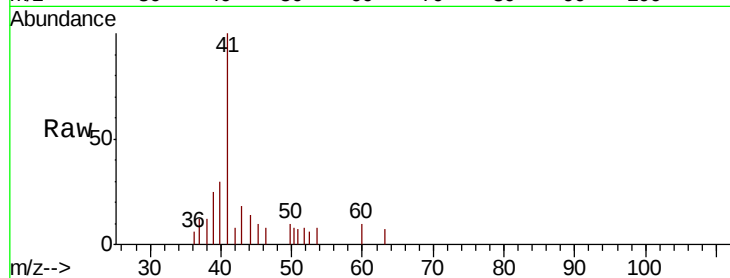




#48  
Methyl methacrylate  
Concen: 0.916 ug/l  
RT: 7.68 min Scan# 1070  
Delta R.T. -0.09 min  
Lab File: VX011466.D  
Acq: 12 Aug 2019 05:51

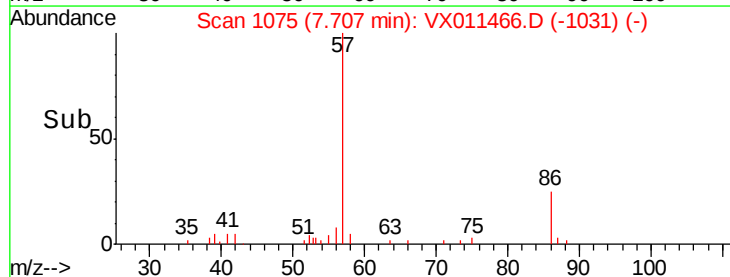
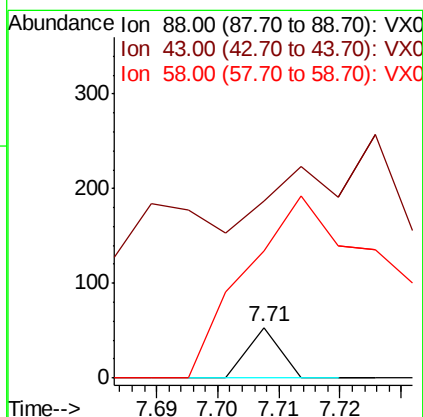
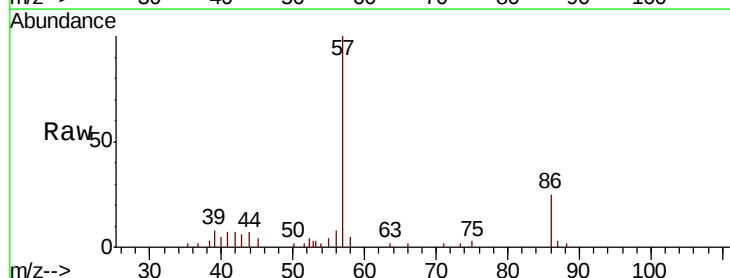
Instrument :  
MSVOA\_X  
ClientSampleId :  
2S-A3-(1)

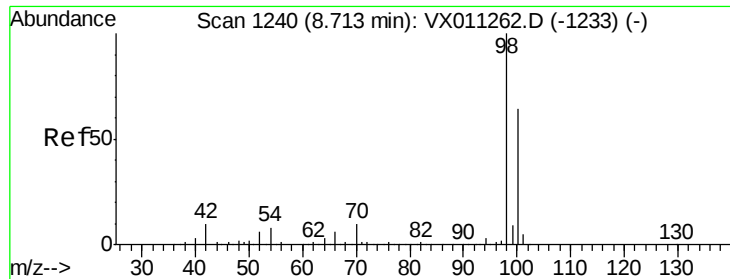
Tgt Ion: 41 Resp: 1802  
Ion Ratio Lower Upper  
41 100  
69 1.6 74.5 111.7#  
39 0.0 48.6 72.8#



#49  
1,4-Dioxane  
Concen: 0.333 ug/l  
RT: 7.71 min Scan# 1075  
Delta R.T. -0.03 min  
Lab File: VX011466.D  
Acq: 12 Aug 2019 05:51

Tgt Ion: 88 Resp: 19  
Ion Ratio Lower Upper  
88 100  
43 0.0 22.2 33.2#  
58 1868.4 47.8 71.8#





#50

Toluene-d8

Concen: 48.007 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011466.D

Acq: 12 Aug 2019 05:51

Instrument :

MSVOA\_X

ClientSampled :

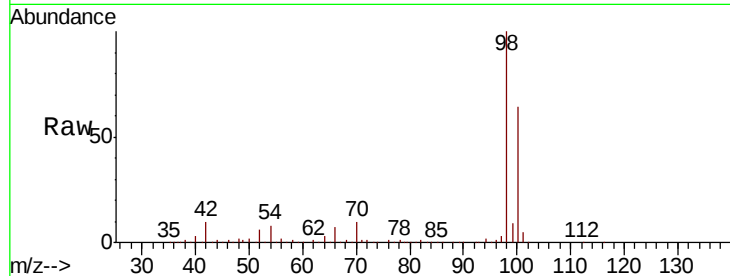
2S-A3-(1)

Tgt Ion: 98 Resp: 353092

Ion Ratio Lower Upper

98 100

100 63.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

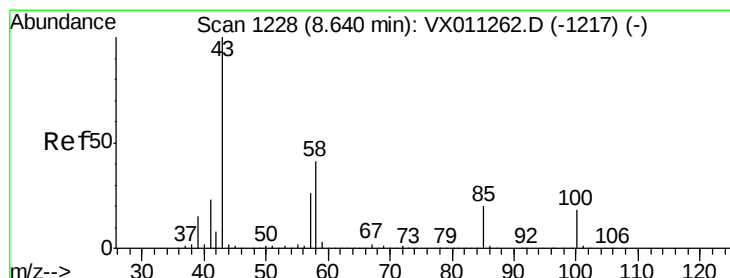
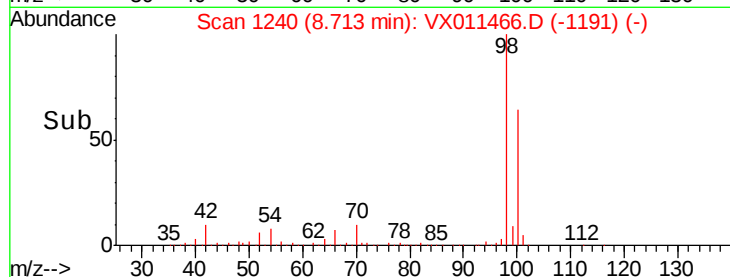
100000

50000

0

8.65 8.70 8.75 8.80

Time-->



#51

4-Methyl-2-Pentanone

Concen: 10.952 ug/l

RT: 8.61 min Scan# 1223

Delta R.T. -0.03 min

Lab File: VX011466.D

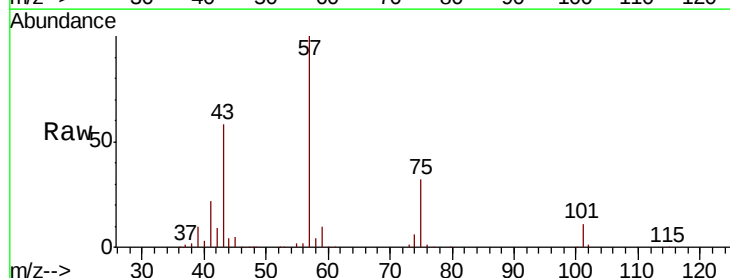
Acq: 12 Aug 2019 05:51

Tgt Ion: 43 Resp: 29537

Ion Ratio Lower Upper

43 100

58 6.7 32.3 48.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

20000

15000

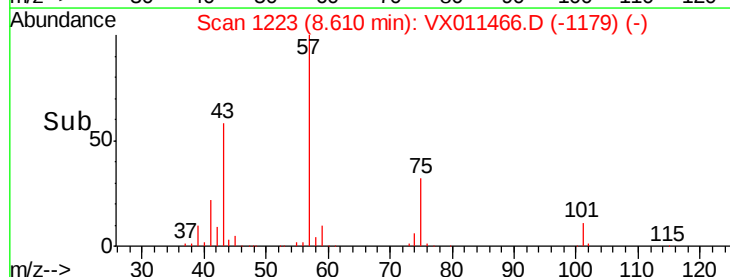
10000

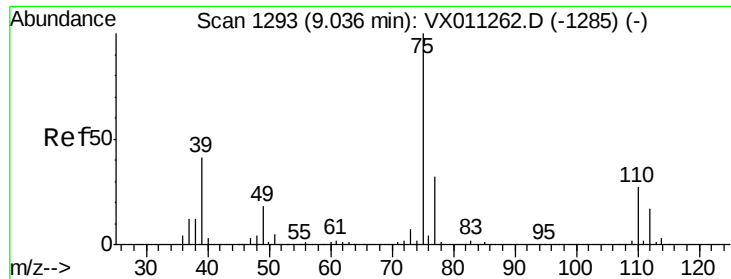
5000

0

8.50 8.55 8.60 8.65 8.70

Time-->





#53

t-1,3-Dichloropropene

Concen: 2.867 ug/l

RT: 9.01 min Scan# 1289

Delta R.T. -0.02 min

Lab File: VX011466.D

Acq: 12 Aug 2019 05:51

Instrument :

MSVOA\_X

ClientSampleId :

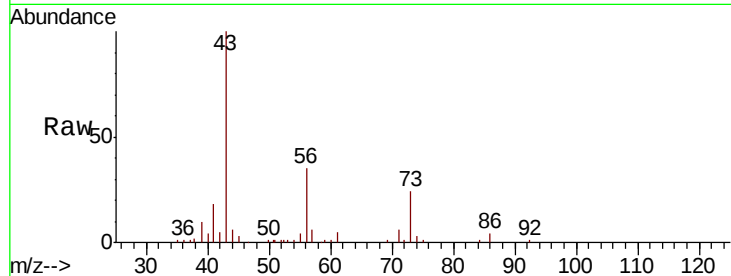
2S-A3-(1)

Tgt Ion: 75 Resp: 87

Ion Ratio Lower Upper

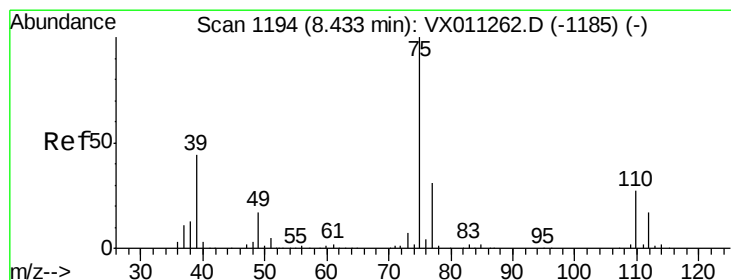
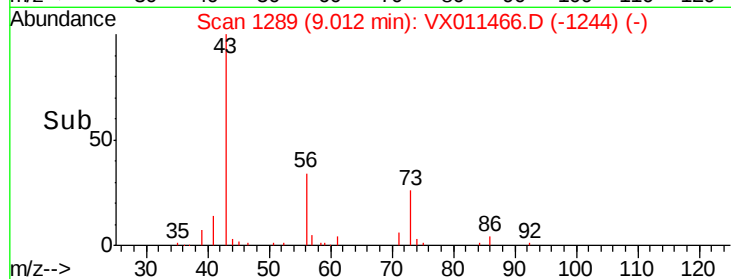
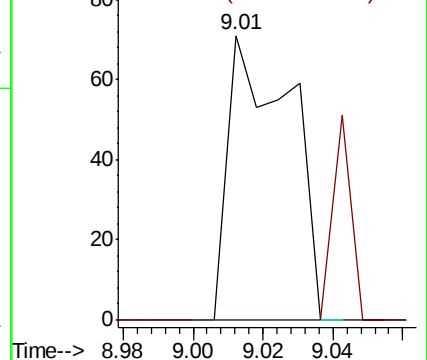
75 100

77 0.0 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 4.771 ug/l

RT: 8.61 min Scan# 1223

Delta R.T. 0.18 min

Lab File: VX011466.D

Acq: 12 Aug 2019 05:51

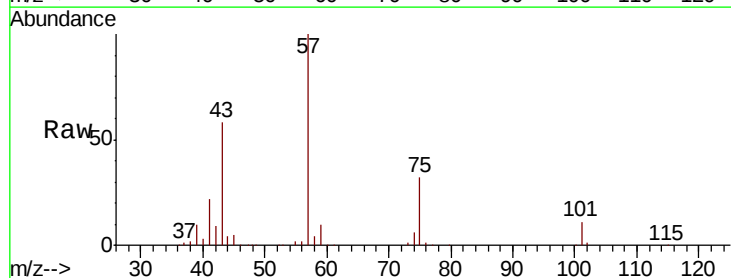
Tgt Ion: 75 Resp: 13870

Ion Ratio Lower Upper

75 100

77 1.0 25.0 37.6#

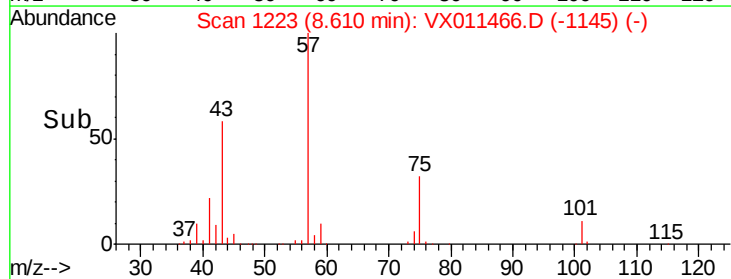
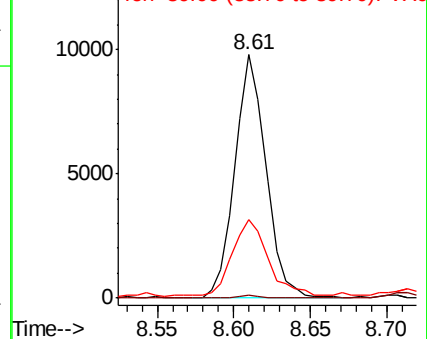
39 31.3 35.3 52.9#

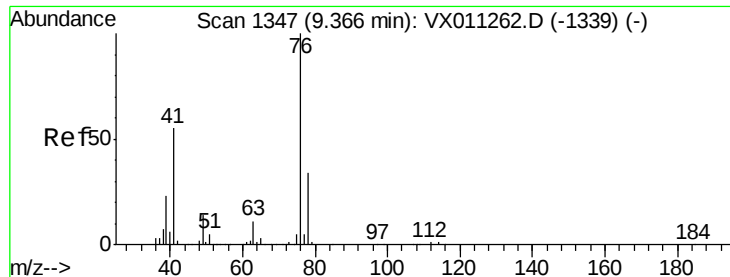


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 0.823 ug/l

RT: 9.54 min Scan# 1375

Delta R.T. 0.17 min

Lab File: VX011466.D

Acq: 12 Aug 2019 05:51

Instrument :

MSVOA\_X

ClientSampleId :

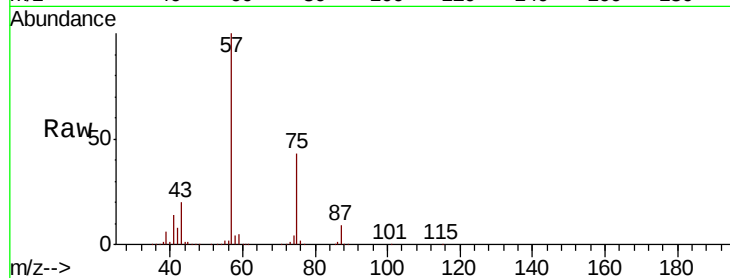
2S-A3-(1)

Tgt Ion: 76 Resp: 2752

Ion Ratio Lower Upper

76 100

78 0.0 26.6 40.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2500

2000

1500

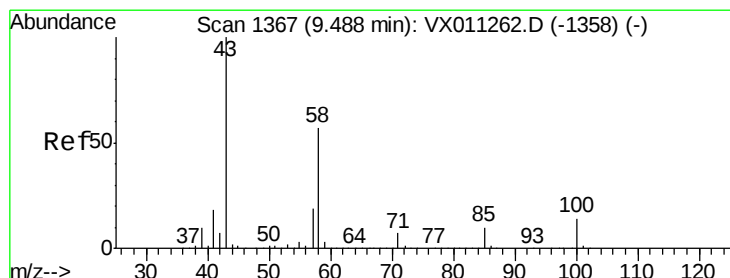
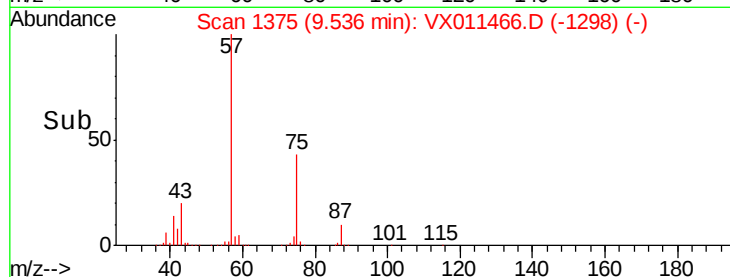
1000

500

0

9.50 9.55 9.60

Time-->



#59

2-Hexanone

Concen: 15.448 ug/l

RT: 9.54 min Scan# 1375

Delta R.T. 0.05 min

Lab File: VX011466.D

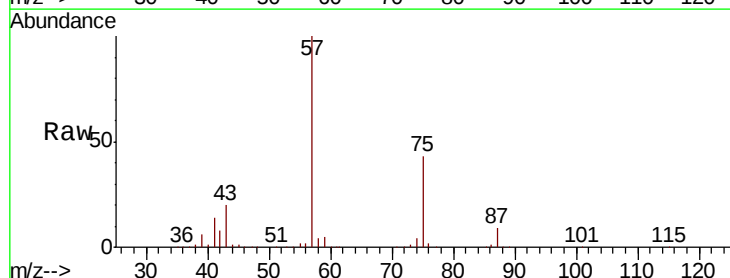
Acq: 12 Aug 2019 05:51

Tgt Ion: 43 Resp: 32269

Ion Ratio Lower Upper

43 100

58 22.0 28.2 84.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

30000

25000

20000

15000

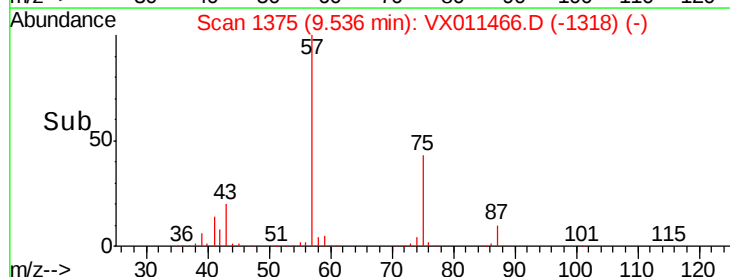
10000

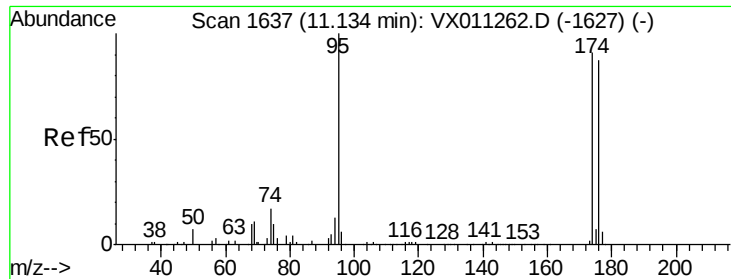
5000

0

9.50 9.55 9.60

Time-->

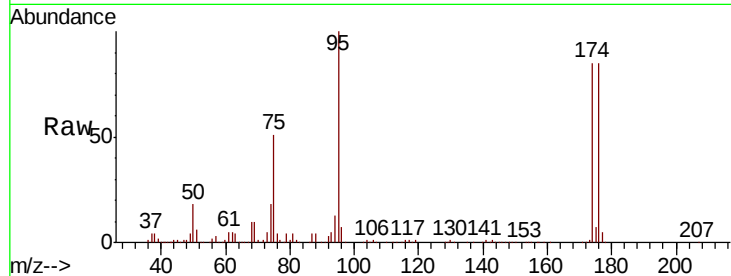




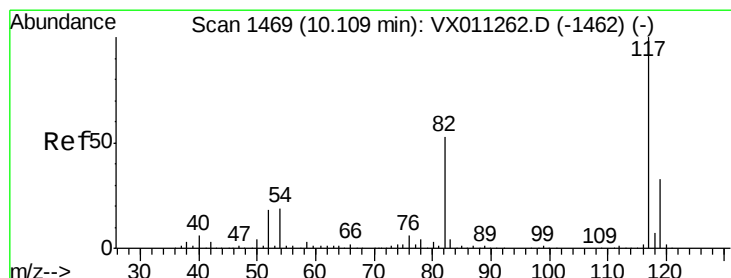
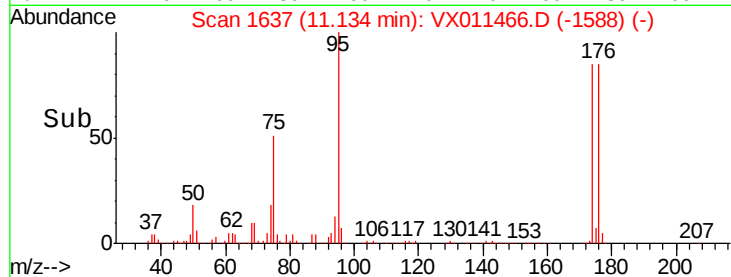
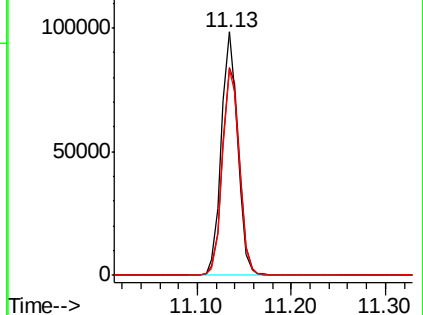
#62  
4-Bromofluorobenzene  
Concen: 45.199 ug/l  
RT: 11.13 min Scan# 1637  
Delta R.T. 0.00 min  
Lab File: VX011466.D  
Acq: 12 Aug 2019 05:51

Instrument :  
MSVOA\_X  
ClientSampleId :  
2S-A3-(1)

Tgt Ion: 95 Resp: 118691  
Ion Ratio Lower Upper  
95 100  
174 89.9 0.0 191.2  
176 86.8 0.0 184.8

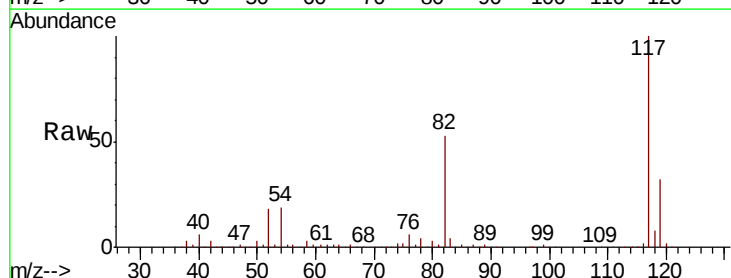


Abundance Ion 94.90 (94.60 to 95.60): VX0  
Ion 173.80 (173.50 to 174.50): V  
Ion 175.80 (175.50 to 176.50): V

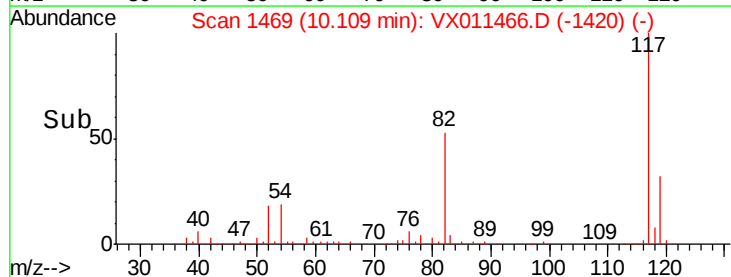
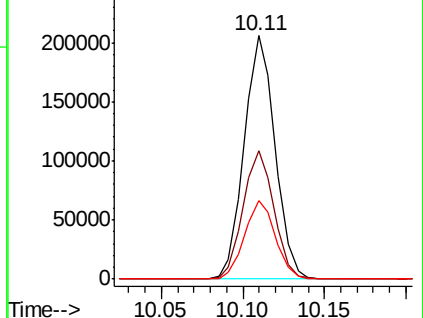


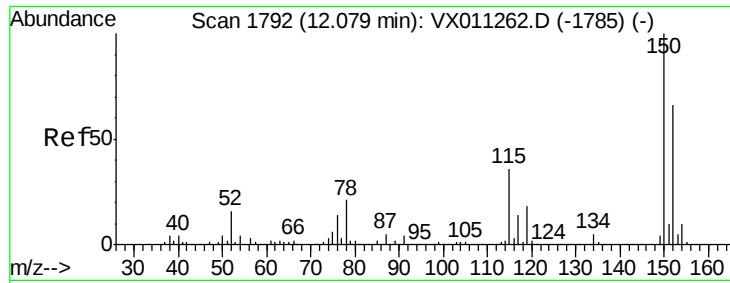
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: VX011466.D  
Acq: 12 Aug 2019 05:51

Tgt Ion: 117 Resp: 272404  
Ion Ratio Lower Upper  
117 100  
82 52.8 42.2 63.2  
119 32.4 26.6 39.8



Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011466.D

Acq: 12 Aug 2019 05:51

Instrument :

MSVOA\_X

ClientSampleId :

2S-A3-(1)

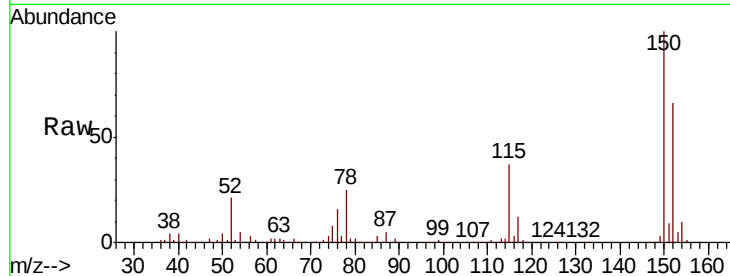
Tgt Ion:152 Resp: 121810

Ion Ratio Lower Upper

152 100

115 55.7 40.0 119.9

150 155.2 0.0 350.4

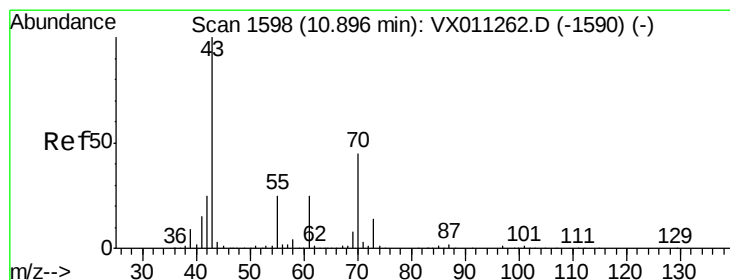
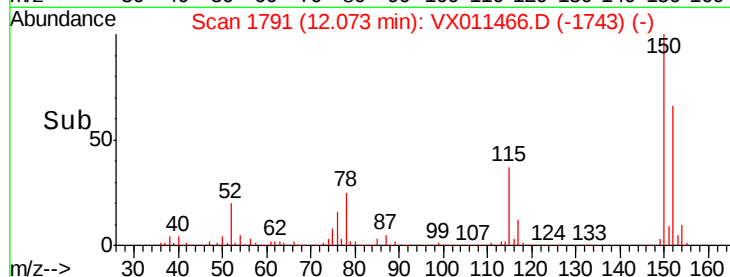
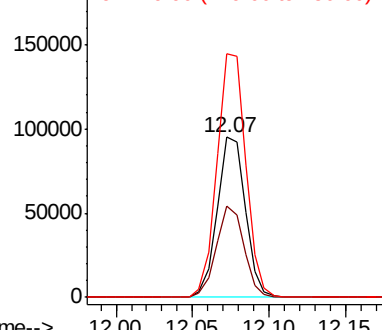


Abundance

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: 0.427 ug/l

RT: 10.83 min Scan# 1587

Delta R.T. -0.07 min

Lab File: VX011466.D

Acq: 12 Aug 2019 05:51

Tgt Ion: 43 Resp: 1285

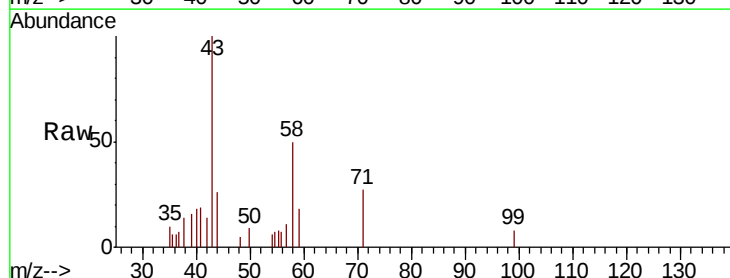
Ion Ratio Lower Upper

43 100

70 0.0 35.9 53.9#

55 15.3 19.8 29.6#

61 0.0 19.7 29.5#



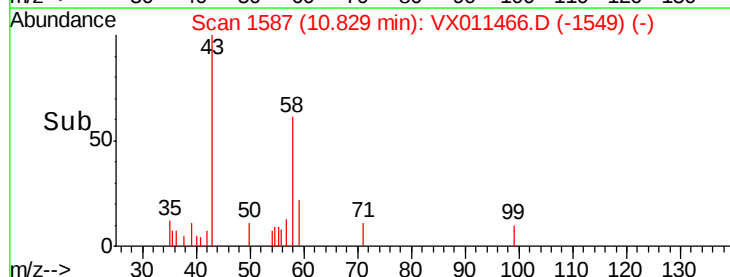
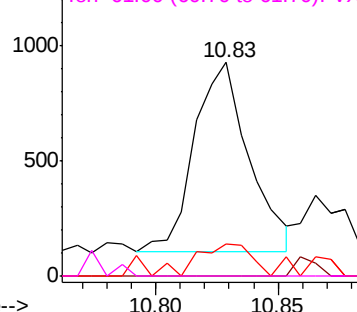
Abundance

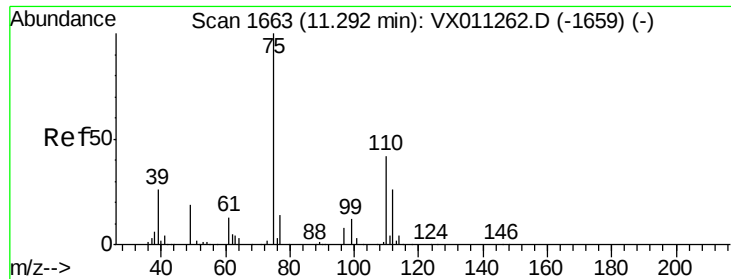
Ion 43.00 (42.70 to 43.70): VX0

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: 27.000 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011466.D

Acq: 12 Aug 2019 05:51

Instrument :

MSVOA\_X

ClientSampleId :

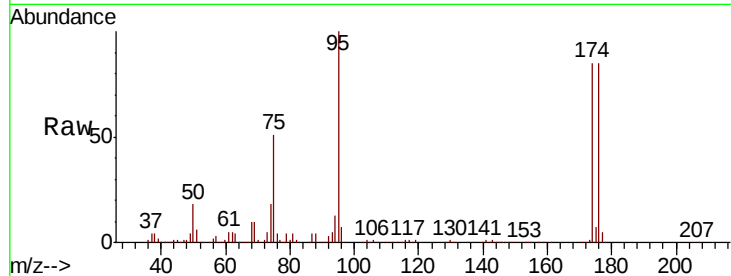
2S-A3-(1)

Tgt Ion: 75 Resp: 59895

Ion Ratio Lower Upper

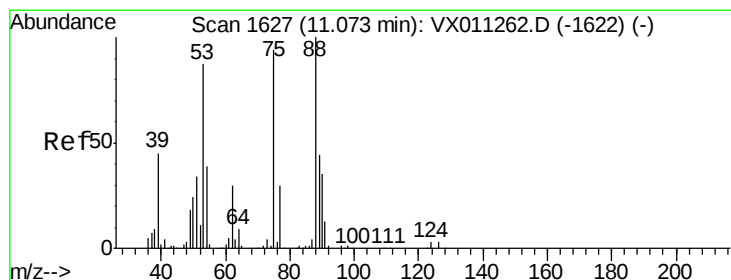
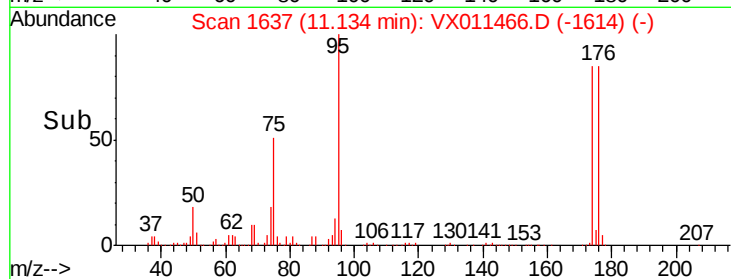
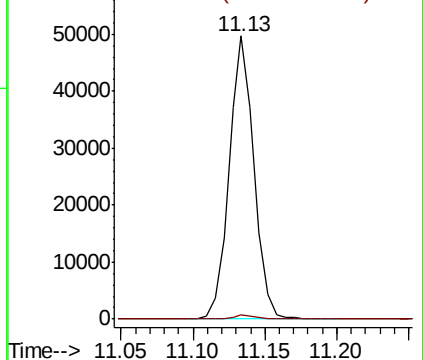
75 100

77 1.4 21.1 63.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 70.097 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011466.D

Acq: 12 Aug 2019 05:51

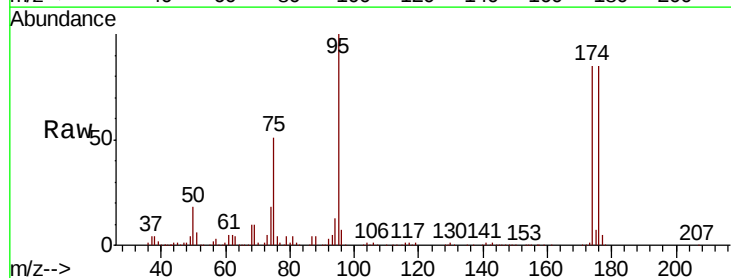
Tgt Ion: 75 Resp: 59895

Ion Ratio Lower Upper

75 100

53 0.1 78.2 117.4#

89 0.0 37.9 56.9#



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

