

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\  
 Data File : VX005173.D  
 Acq On : 09 Oct 2018 21:37  
 Operator : JC/MD  
 Sample : J5284-12  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE-103D1-20181003

Quant Time: Oct 10 05:55:45 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 03 04:00:03 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 174146   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 274968   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 274001   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 154128   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 135730   | 54.56 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 109.12% |      |
| 35) Dibromofluoromethane  | 5.50   | 113 | 114564   | 49.16 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.32%  |      |
| 50) Toluene-d8            | 8.72   | 98  | 403543   | 52.09 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.18% |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 143791   | 51.52 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.04% |      |

## Target Compounds

|                                |       |     |         |           | Qvalue |    |
|--------------------------------|-------|-----|---------|-----------|--------|----|
| 2) Dichlorodifluoromethane     | 1.20  | 85  | 523     | 0.220     | ug/l   | 78 |
| 6) Chloroethane                | 1.73  | 64  | 719     | Below Cal | #      | 68 |
| 9) 1,1,2-Trichlorotrifluoroet  | 2.39  | 101 | 12303   | 6.457     | ug/l   | 98 |
| 11) Tert butyl alcohol         | 3.03  | 59  | 1037    | 1.491     | ug/l # | 83 |
| 12) 1,1-Dichloroethene         | 2.37  | 96  | 9030    | 4.786     | ug/l   | 86 |
| 16) Acetone                    | 2.45  | 43  | 5471    | 3.767     | ug/l   | 98 |
| 18) Methyl Acetate             | 2.78  | 43  | 1135    | 0.308     | ug/l # | 61 |
| 20) Methylene Chloride         | 2.85  | 84  | 446     | Below Cal | #      | 76 |
| 24) 1,1-Dichloroethane         | 3.70  | 63  | 5206    | 1.259     | ug/l   | 96 |
| 25) 2-Butanone                 | 4.71  | 43  | 4044    | 1.889     | ug/l   | 94 |
| 27) cis-1,2-Dichloroethene     | 4.59  | 96  | 4647    | 2.014     | ug/l   | 95 |
| 28) Bromochloromethane         | 5.22  | 49  | 442     | 0.227     | ug/l # | 13 |
| 29) Tetrahydrofuran            | 5.17  | 42  | 1941    | 1.459     | ug/l # | 65 |
| 30) Chloroform                 | 5.21  | 83  | 3689    | 0.944     | ug/l   | 94 |
| 31) Cyclohexane                | 5.66  | 56  | 3369    | 1.064     | ug/l # | 1  |
| 32) 1,1,1-Trichloroethane      | 5.49  | 97  | 1001    | 0.314     | ug/l # | 49 |
| 36) 1,1-Dichloropropene        | 5.67  | 75  | 12061   | 3.793     | ug/l # | 46 |
| 38) Carbon Tetrachloride       | 5.79  | 117 | 1545    | 0.462     | ug/l # | 72 |
| 39) Methylcyclohexane          | 7.21  | 83  | 17981   | 5.538     | ug/l # | 1  |
| 42) 1,2-Dichloroethane         | 6.20  | 62  | 839     | 0.238     | ug/l   | 79 |
| 44) Trichloroethene            | 7.21  | 130 | 1651058 | 674.721   | ug/l   | 96 |
| 49) 1,4-Dioxane                | 7.76  | 88  | 1943    | 28.286    | ug/l # | 87 |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97  | 2172    | 0.907     | ug/l   | 93 |
| 58) 2-Chloroethyl Vinyl ether  | 8.24  | 63  | 22      | 14.252    | ug/l # | 49 |
| 59) 2-Hexanone                 | 9.50  | 43  | 849     | 0.266     | ug/l   | 75 |
| 60) Dibromochloromethane       | 9.34  | 129 | 1983    | 0.828     | ug/l # | 10 |
| 64) Tetrachloroethene          | 9.34  | 164 | 2388    | 0.886     | ug/l   | 90 |
| 70) Styrene                    | 10.71 | 104 | 70      | 2.149     | ug/l # | 47 |
| 74) N-amyl acetate             | 10.89 | 43  | 19      | 1.751     | ug/l # | 43 |
| 76) 1,2,3-Trichloropropane     | 11.14 | 75  | 71200   | 20.610    | ug/l # | 35 |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105 | 100     | Below Cal | #      | 29 |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75  | 71200   | 55.965    | ug/l # | 10 |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105 | 208     | Below Cal |        | 73 |
| 95) Naphthalene                | 13.83 | 128 | 451     | 0.754     | ug/l # | 76 |

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ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE-103D1-20181003

Quant Time: Oct 10 05:55:45 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 03 04:00:03 2018  
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

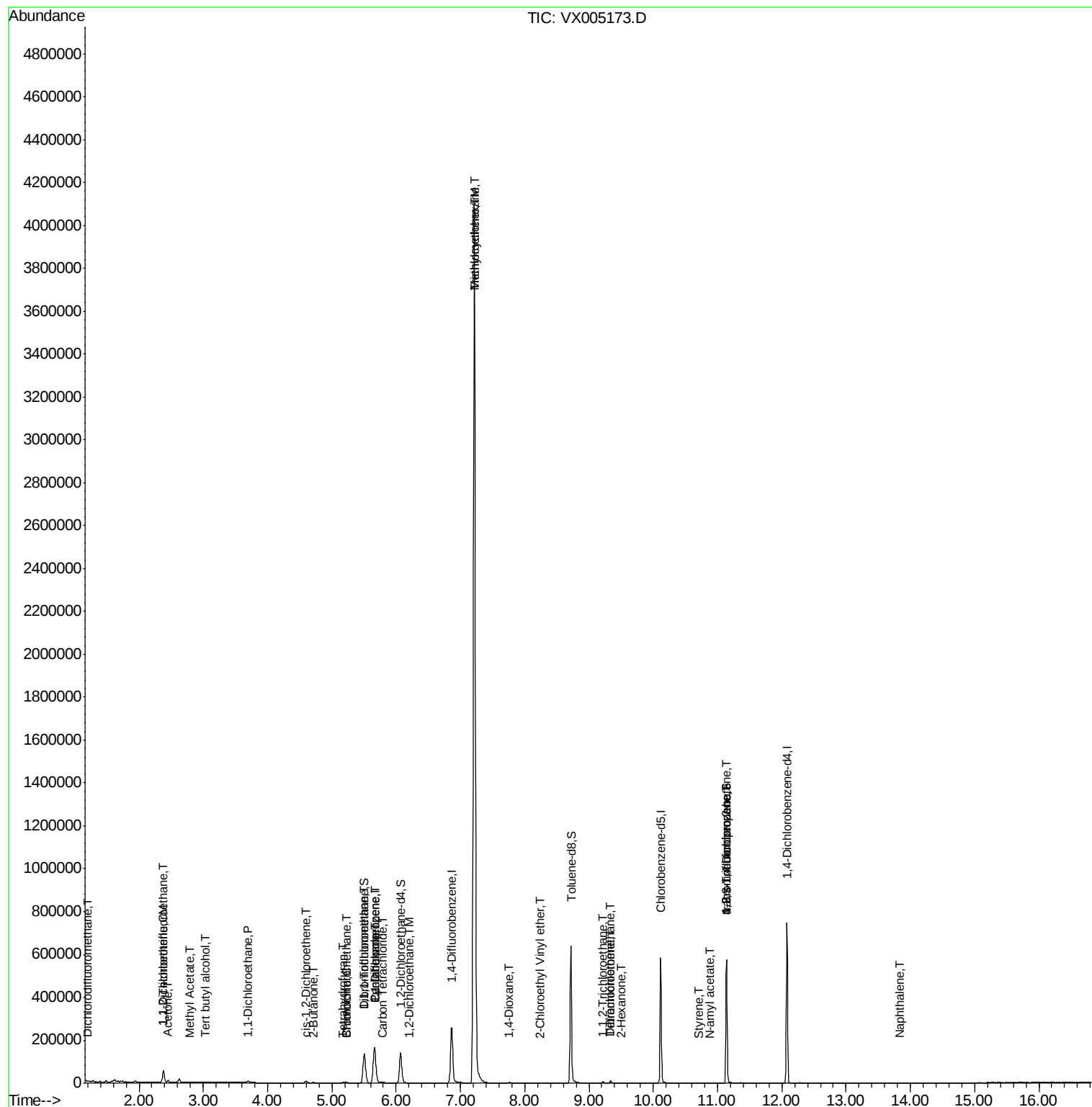
|       |  |  |  |  |  |  |
|-------|--|--|--|--|--|--|
| ----- |  |  |  |  |  |  |
| ----- |  |  |  |  |  |  |

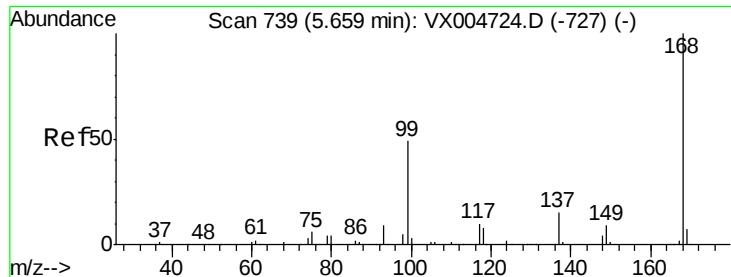
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100918\  
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Quant Time: Oct 10 05:55:45 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 03 04:00:03 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005173.D

Acq: 09 Oct 2018 21:37

Instrument :

MSVOA\_X

ClientSampleId :

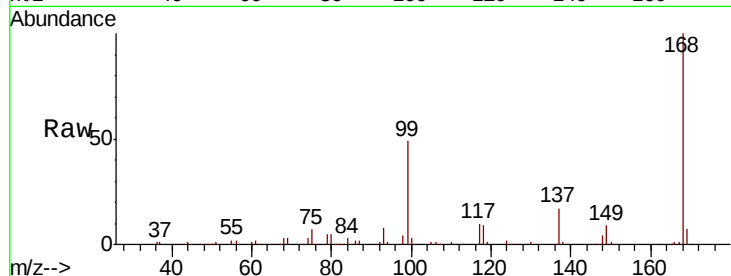
RE-103D1-20181003

Tot Ion:168 Resp: 174146

Ion Ratio Lower Upper

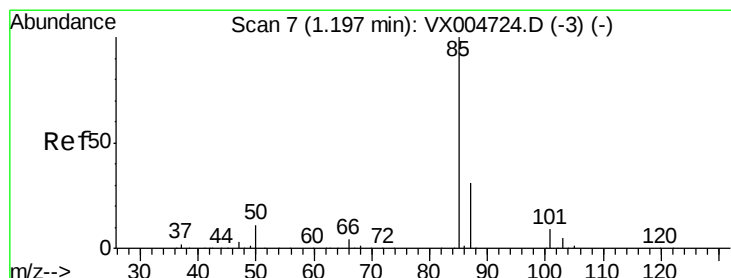
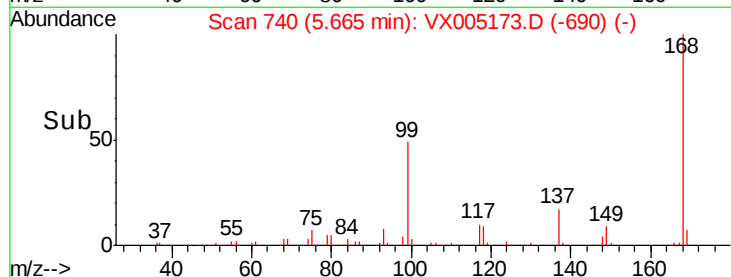
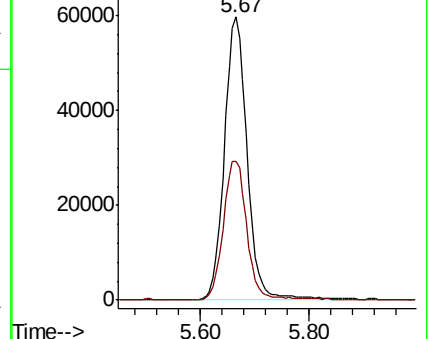
168 100

99 49.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.220 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005173.D

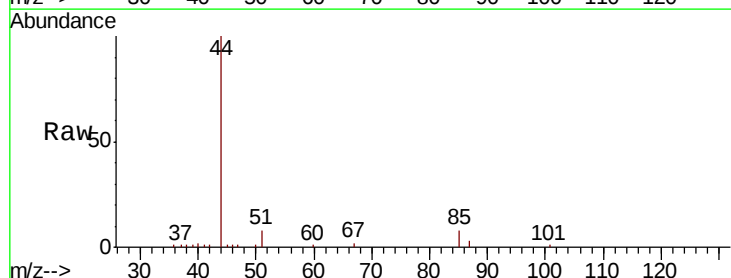
Acq: 09 Oct 2018 21:37

Tgt Ion: 85 Resp: 523

Ion Ratio Lower Upper

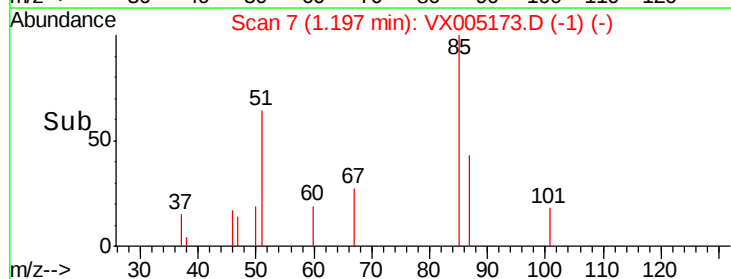
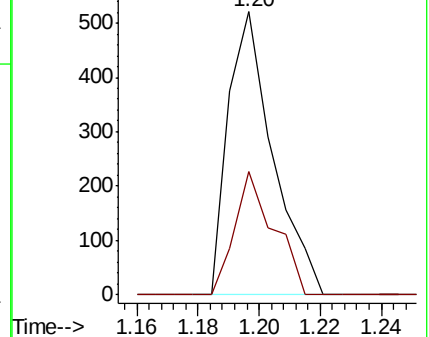
85 100

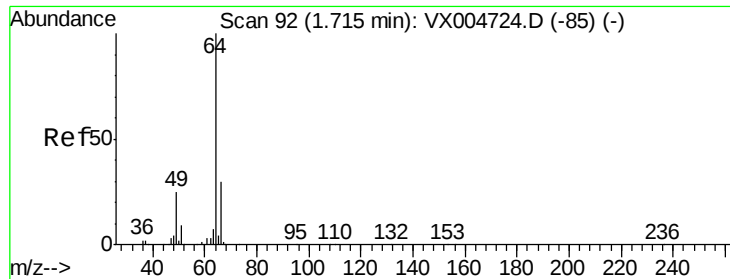
87 43.4 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 95

Delta R.T. 0.02 min

Lab File: VX005173.D

Acq: 09 Oct 2018 21:37

Instrument :

MSVOA\_X

ClientSampleId :

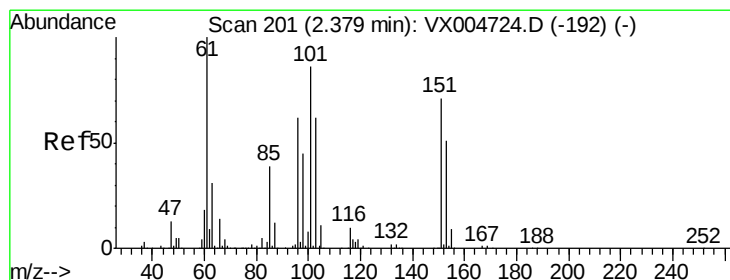
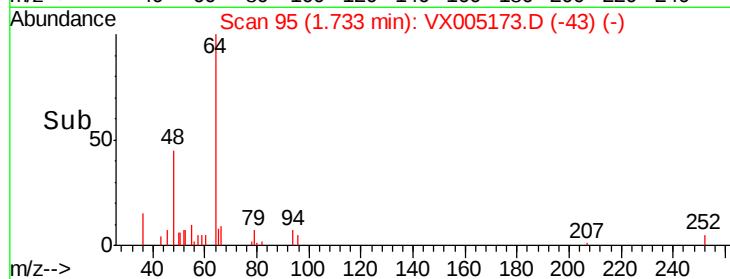
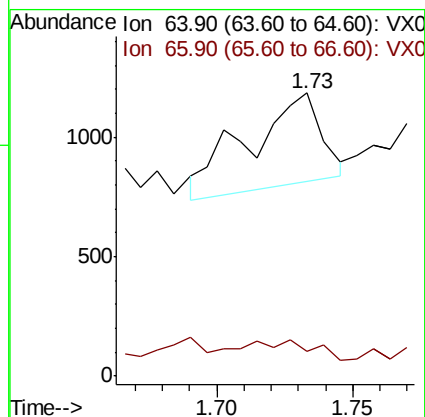
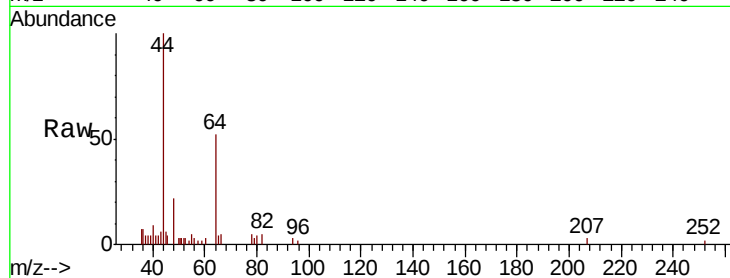
RE-103D1-20181003

Tot Ion: 64 Resp: 719

Ion Ratio Lower Upper

64 100

66 12.2 23.8 35.6#



#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.457 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005173.D

Acq: 09 Oct 2018 21:37

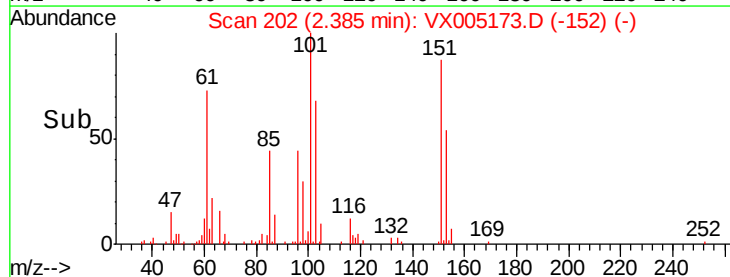
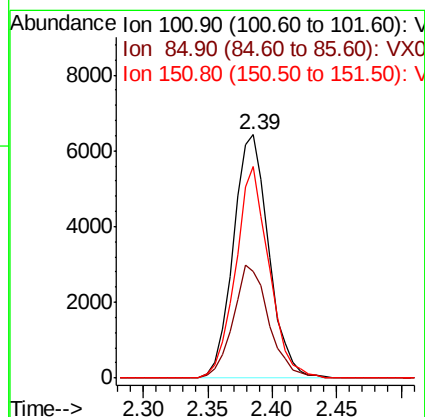
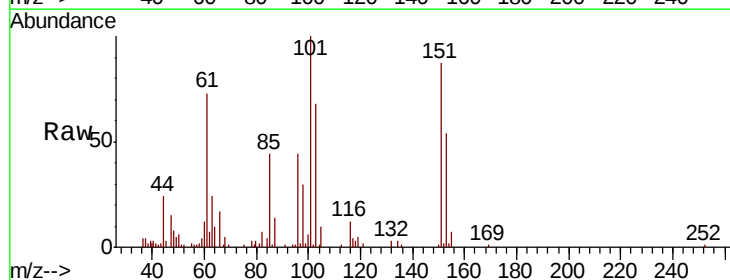
Tgt Ion: 101 Resp: 12303

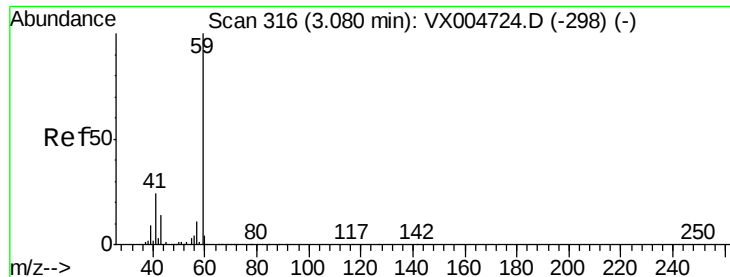
Ion Ratio Lower Upper

101 100

85 46.4 35.9 53.9

151 81.9 66.6 100.0



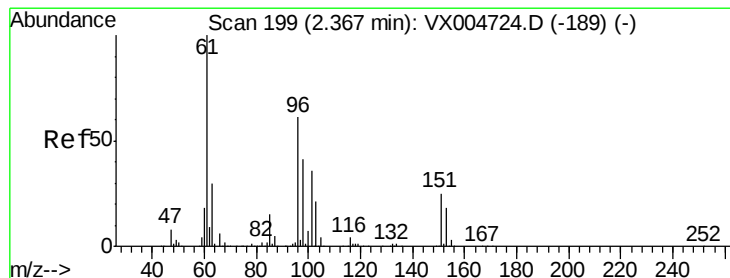
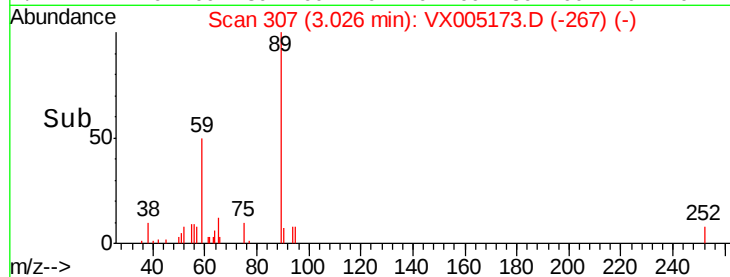
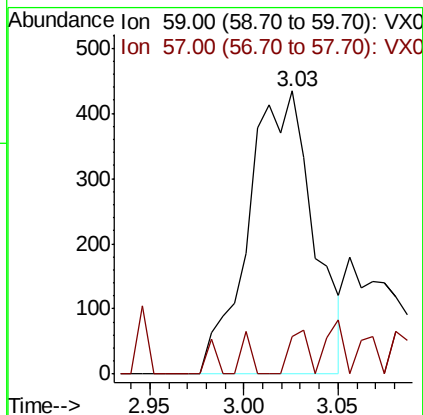
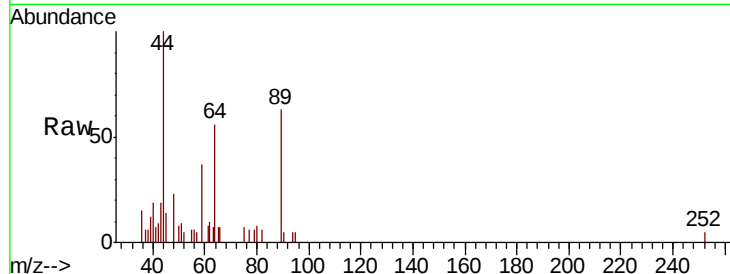


#11

Tert butyl alcohol  
 Concen: 1.491 ug/l  
 RT: 3.03 min Scan# 307  
 Delta R.T. -0.05 min  
 Lab File: VX005173.D  
 Acq: 09 Oct 2018 21:37

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE-103D1-20181003

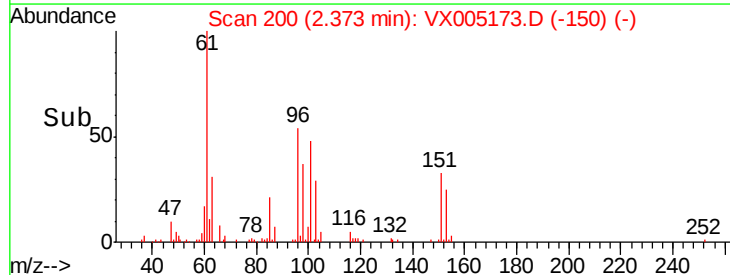
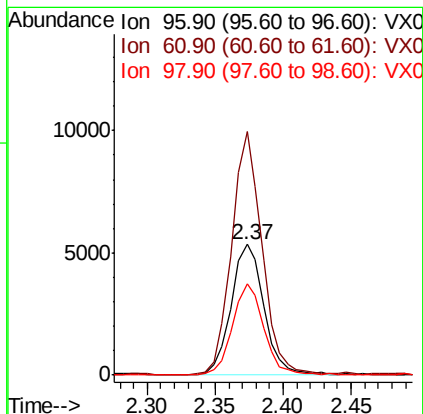
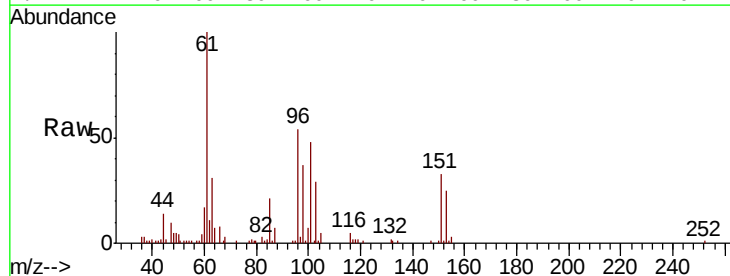
Tot Ion: 59 Resp: 1037  
 Ion Ratio Lower Upper  
 59 100  
 57 4.4 8.6 12.8#

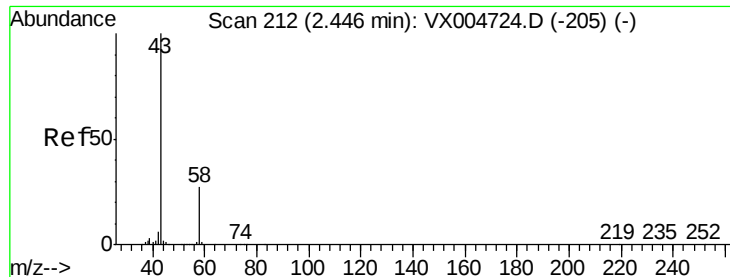


#12

1,1-Dichloroethene  
 Concen: 4.786 ug/l  
 RT: 2.37 min Scan# 200  
 Delta R.T. 0.01 min  
 Lab File: VX005173.D  
 Acq: 09 Oct 2018 21:37

Tgt Ion: 96 Resp: 9030  
 Ion Ratio Lower Upper  
 96 100  
 61 186.5 130.2 195.4  
 98 69.5 53.4 80.0





#16

Acetone

Concen: 3.767 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005173.D

Acq: 09 Oct 2018 21:37

Instrument :

MSVOA\_X

ClientSampleId :

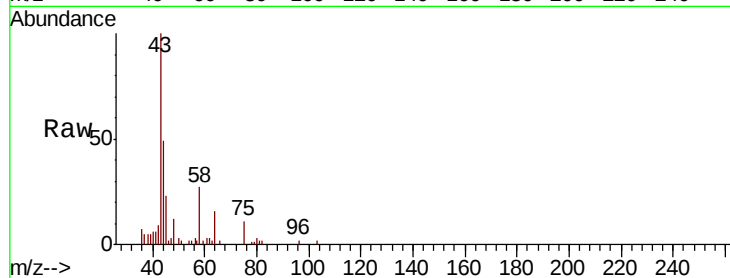
RE-103D1-20181003

Tot Ion: 43 Resp: 5471

Ion Ratio Lower Upper

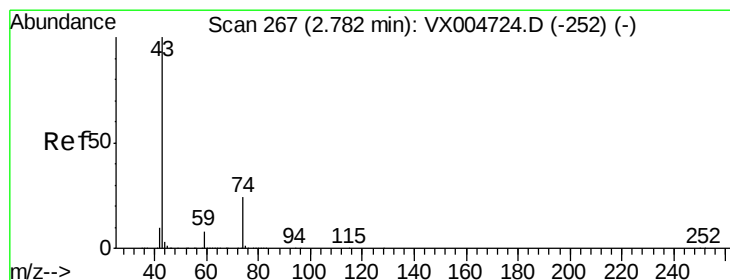
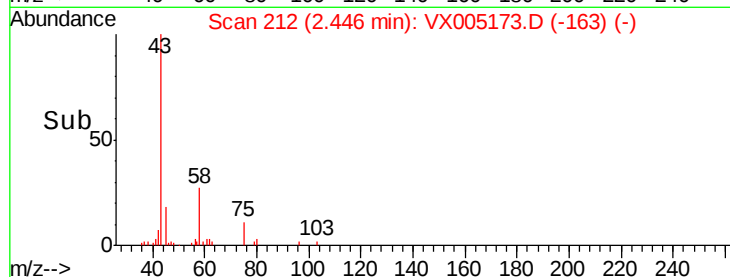
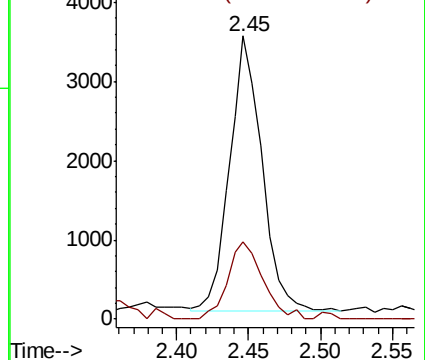
43 100

58 28.2 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 0.308 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX005173.D

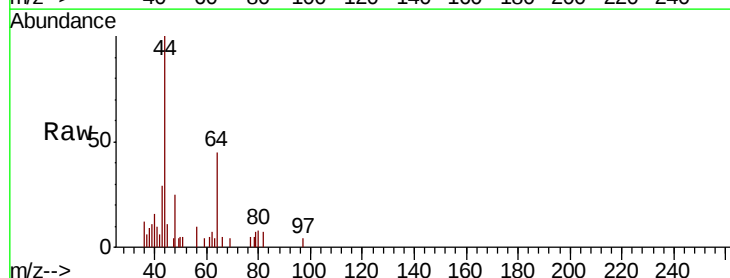
Acq: 09 Oct 2018 21:37

Tgt Ion: 43 Resp: 1135

Ion Ratio Lower Upper

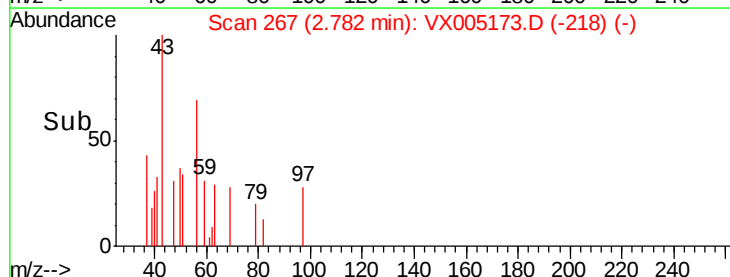
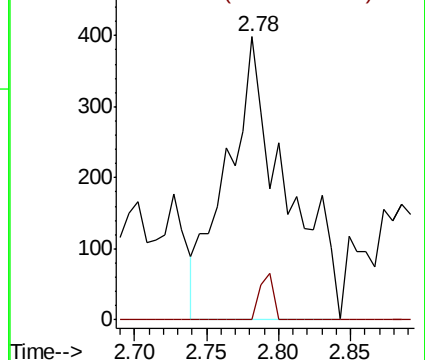
43 100

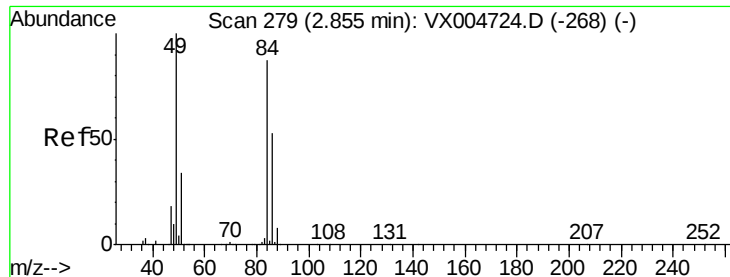
74 3.7 17.8 26.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

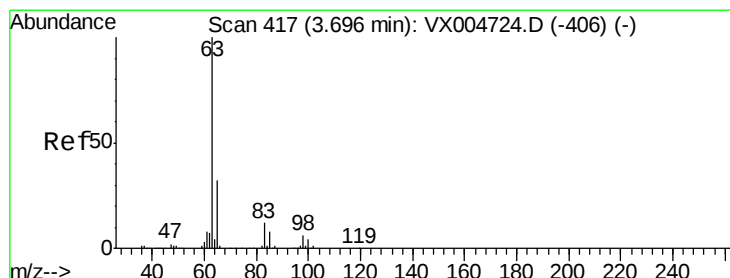
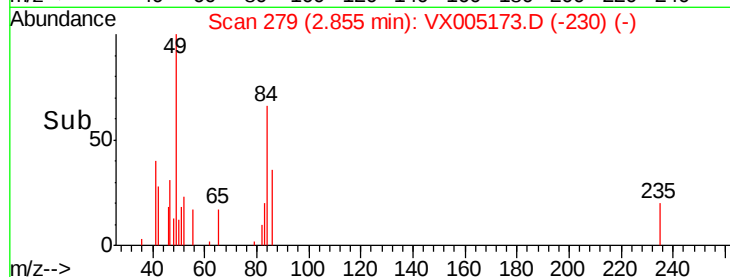
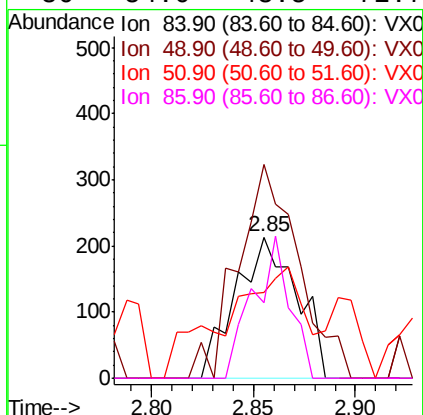
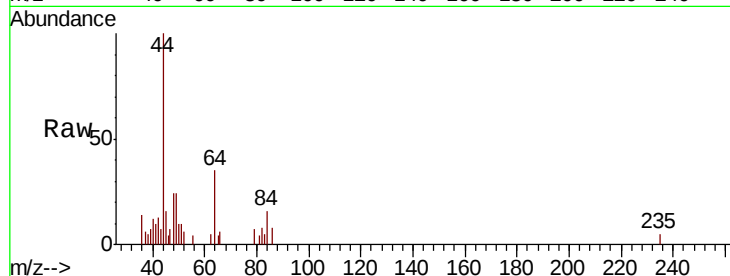




#20  
Methvlene Chloride  
Concen: Below Cal  
RT: 2.85 min Scan# 279  
Delta R.T. 0.00 min  
Lab File: VX005173.D  
Acq: 09 Oct 2018 21:37

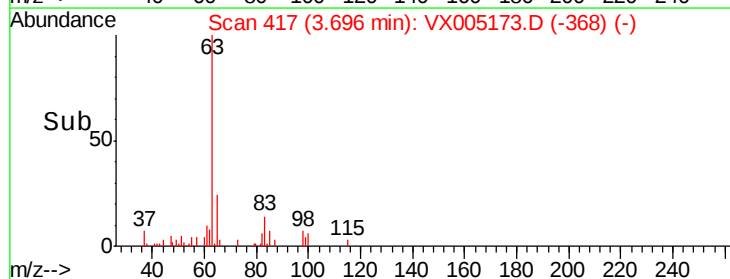
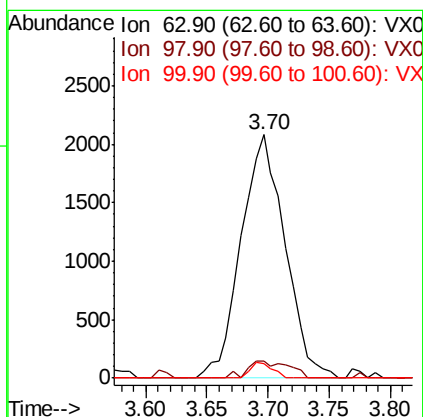
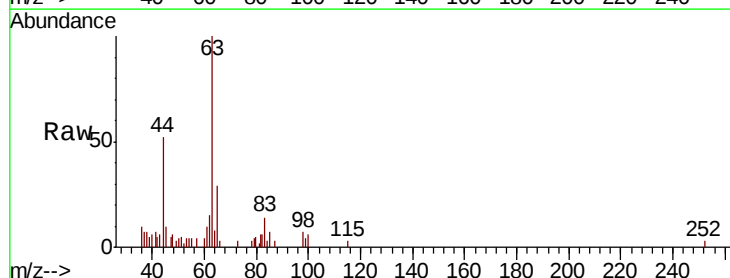
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE-103D1-20181003

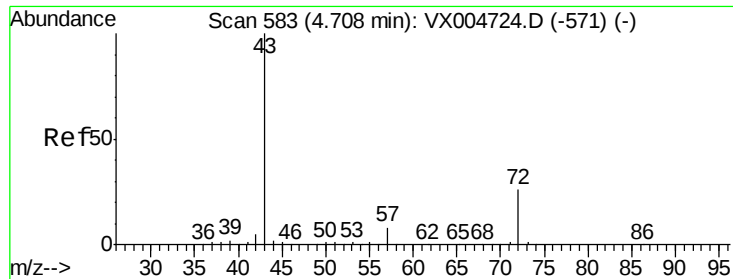
| Tot Ion: | 84    | Resp: | 446    |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 151.6 | 92.3  | 138.5# |
| 51       | 28.2  | 31.8  | 47.6#  |
| 86       | 54.0  | 48.5  | 72.7   |



#24  
1,1-Dichloroethane  
Concen: 1.259 ug/l  
RT: 3.70 min Scan# 417  
Delta R.T. 0.00 min  
Lab File: VX005173.D  
Acq: 09 Oct 2018 21:37

| Tgt Ion: | 63    | Resp: | 5206  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 98       | 7.1   | 3.0   | 9.2   |
| 100      | 5.7   | 2.0   | 5.8   |

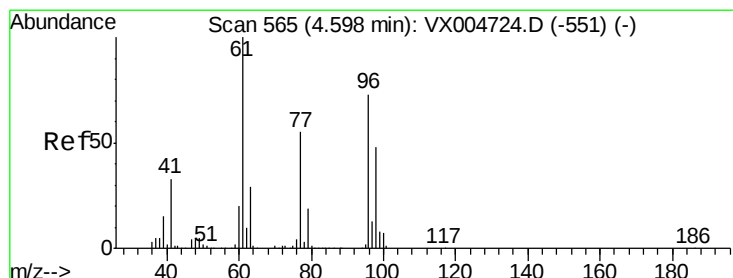
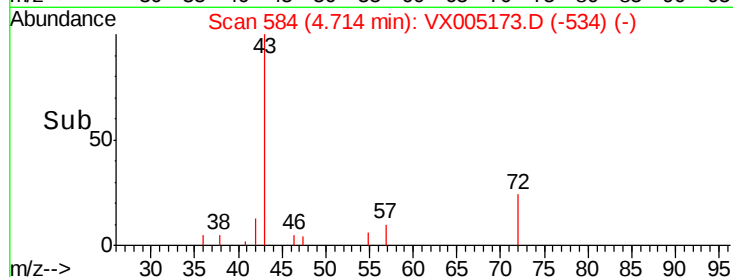
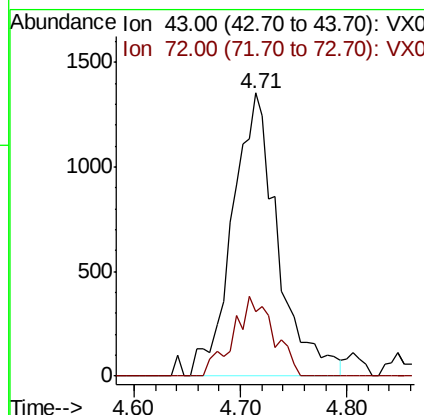
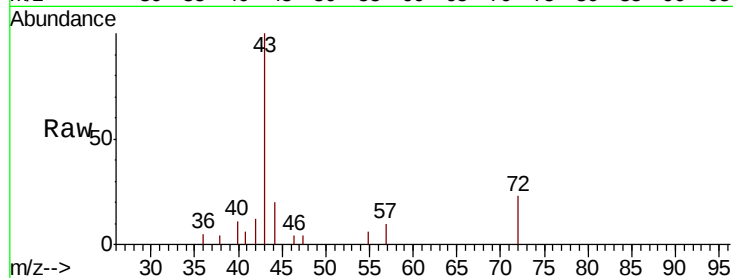




#25  
2-Butanone  
Concen: 1.889 ug/l  
RT: 4.71 min Scan# 584  
Delta R.T. 0.01 min  
Lab File: VX005173.D  
Acq: 09 Oct 2018 21:37

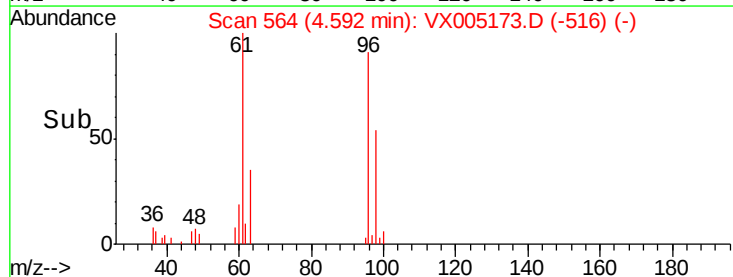
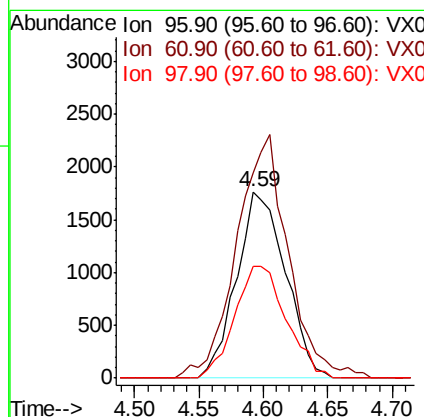
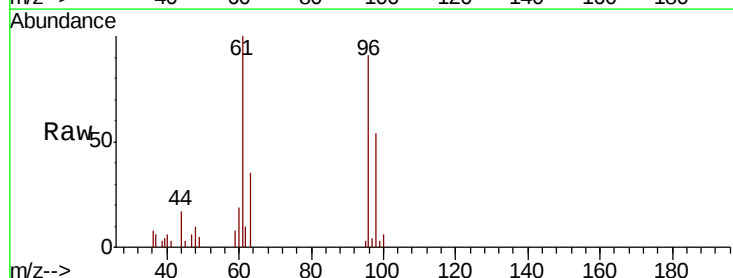
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE-103D1-20181003

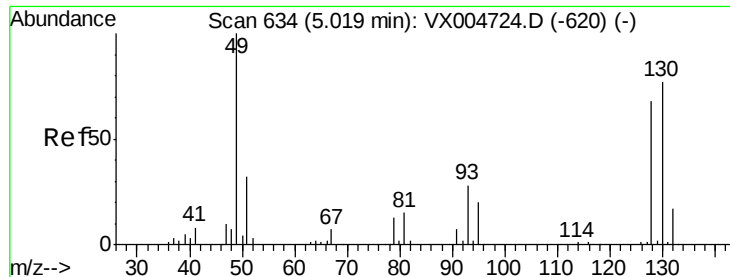
Tot Ion: 43 Resp: 4044  
Ion Ratio Lower Upper  
43 100  
72 22.8 20.8 31.2



#27  
cis-1,2-Dichloroethene  
Concen: 2.014 ug/l  
RT: 4.59 min Scan# 564  
Delta R.T. -0.01 min  
Lab File: VX005173.D  
Acq: 09 Oct 2018 21:37

Tgt Ion: 96 Resp: 4647  
Ion Ratio Lower Upper  
96 100  
61 138.2 0.0 285.8  
98 63.2 0.0 136.2





#28

Bromochloromethane

Concen: 0.227 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.20 min

Lab File: VX005173.D

Acq: 09 Oct 2018 21:37

Instrument :

MSVOA\_X

ClientSampleId :

RE-103D1-20181003

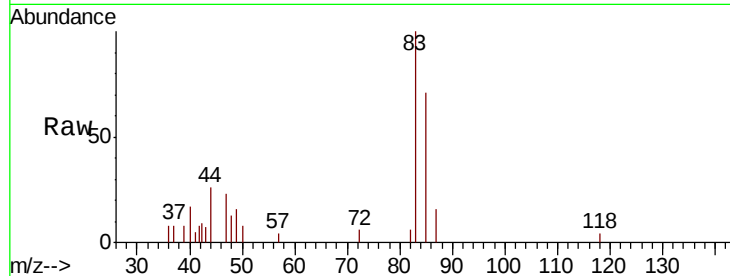
Tot Ion: 49 Resp: 442

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 0.0 62.0 93.0#

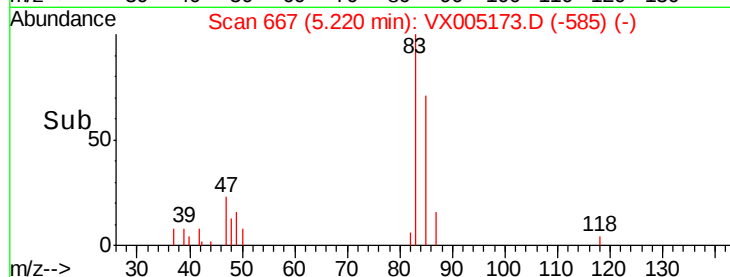


Abundance Ion 48.90 (48.60 to 49.60): VX0

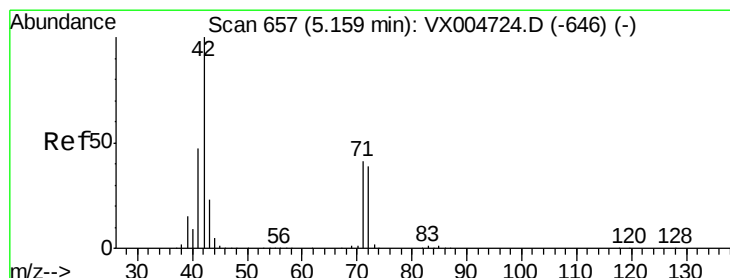
Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

5.22



Time-->



#29

Tetrahydrofuran

Concen: 1.459 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX005173.D

Acq: 09 Oct 2018 21:37

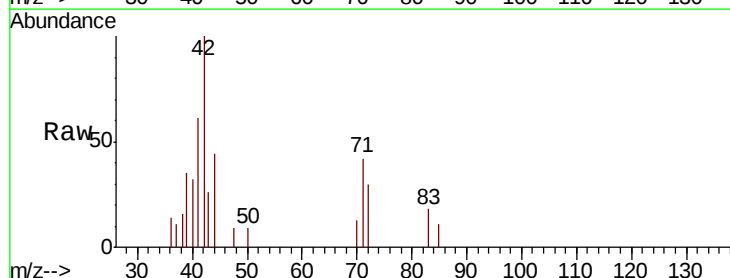
Tgt Ion: 42 Resp: 1941

Ion Ratio Lower Upper

42 100

72 0.0 33.7 50.5#

71 39.6 32.2 48.4

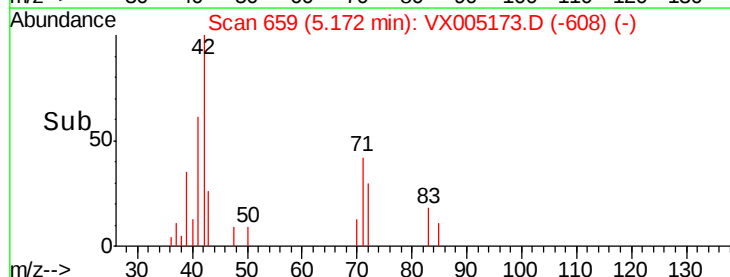


Abundance Ion 42.00 (41.70 to 42.70): VX0

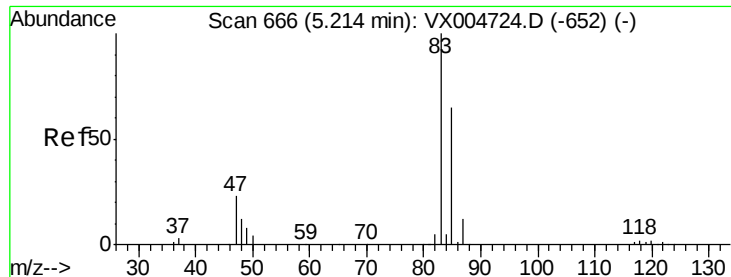
Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

5.17



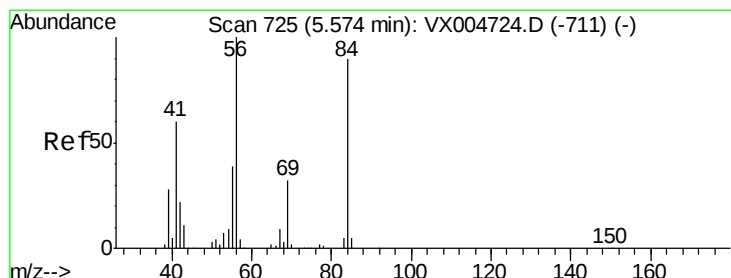
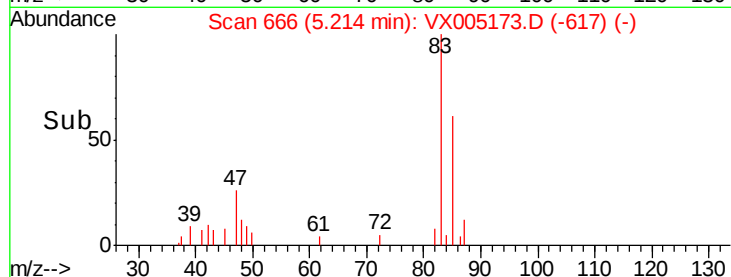
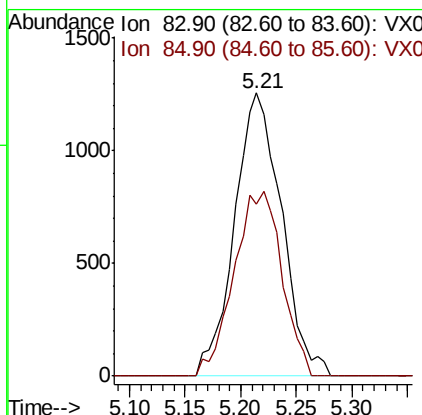
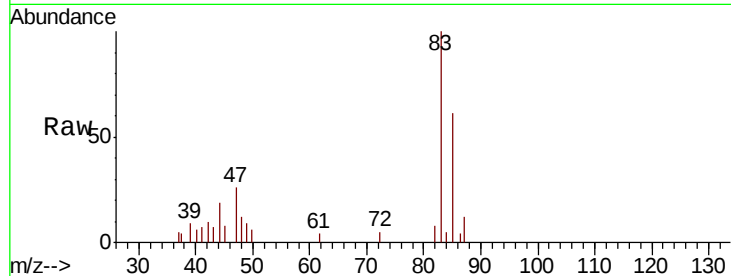
Time-->



#30  
Chloroform  
Concen: 0.944 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. 0.00 min  
Lab File: VX005173.D  
Acq: 09 Oct 2018 21:37

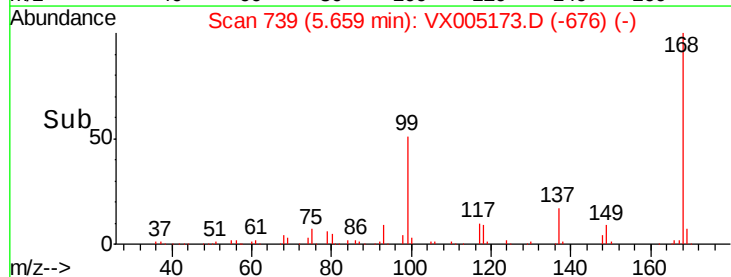
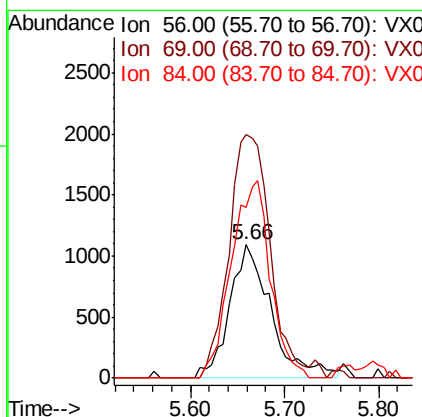
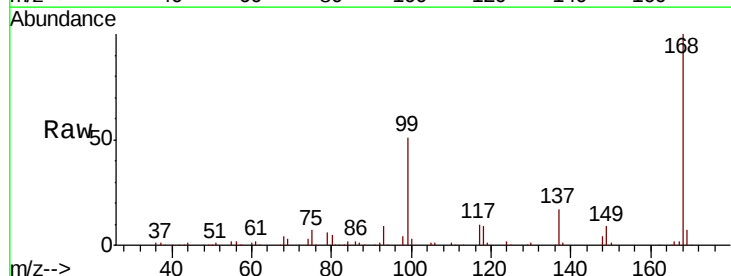
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE-103D1-20181003

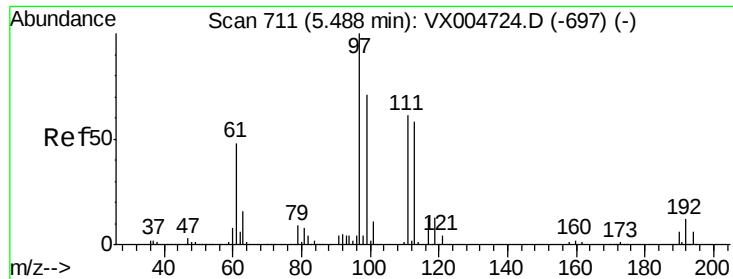
Tot Ion: 83 Resp: 3689  
Ion Ratio Lower Upper  
83 100  
85 60.6 52.4 78.6



#31  
Cyclohexane  
Concen: 1.064 ug/l  
RT: 5.66 min Scan# 739  
Delta R.T. 0.09 min  
Lab File: VX005173.D  
Acq: 09 Oct 2018 21:37

Tgt Ion: 56 Resp: 3369  
Ion Ratio Lower Upper  
56 100  
69 183.1 25.9 38.9#  
84 128.3 71.9 107.9#





#32

1,1,1-Trichloroethane

Concen: 0.314 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005173.D

Acq: 09 Oct 2018 21:37

Instrument :

MSVOA\_X

ClientSampleId :

RE-103D1-20181003

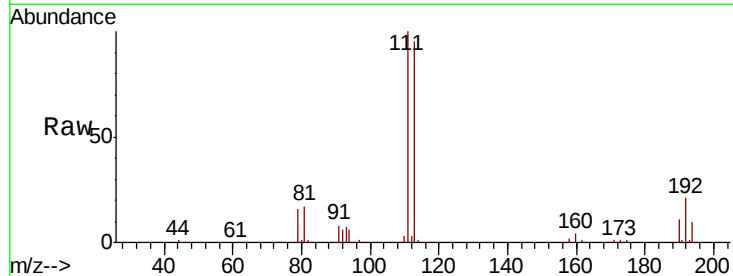
Tot Ion: 97 Resp: 1001

Ion Ratio Lower Upper

97 100

99 0.0 54.6 82.0#

61 48.2 37.5 56.3

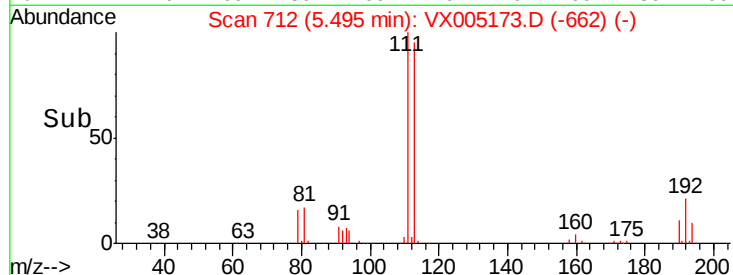


Abundance Ion 96.90 (96.60 to 97.60): VX0

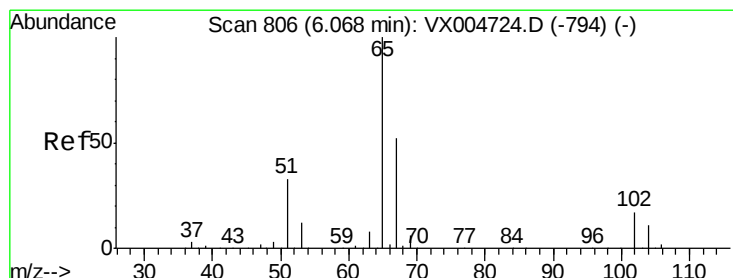
Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

5.49



Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.561 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005173.D

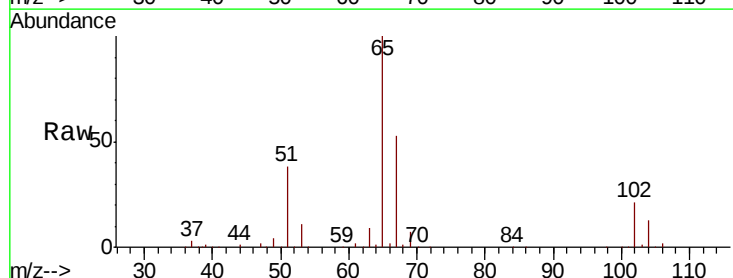
Acq: 09 Oct 2018 21:37

Tgt Ion: 65 Resp: 135730

Ion Ratio Lower Upper

65 100

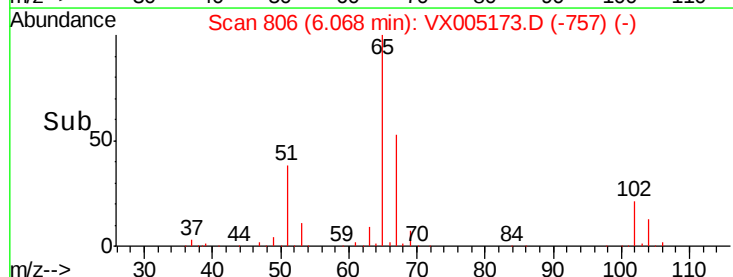
67 52.4 0.0 107.4



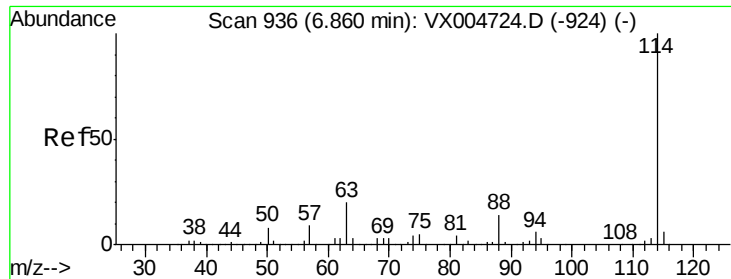
Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07



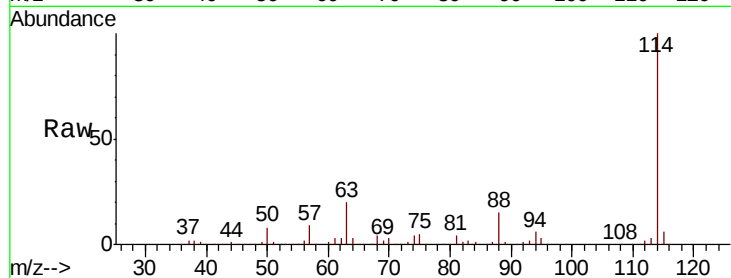
Time-->



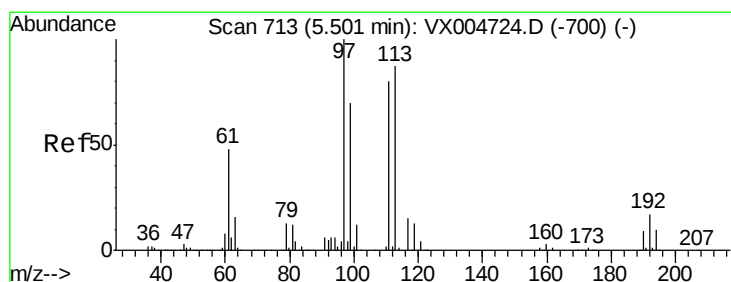
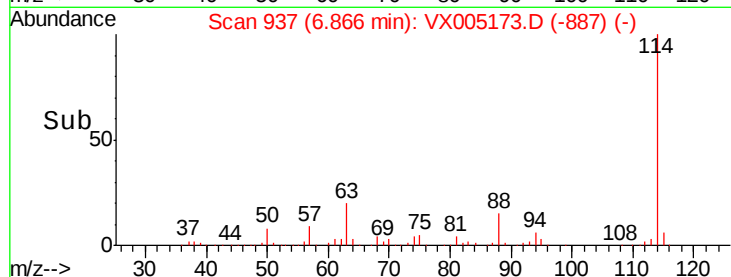
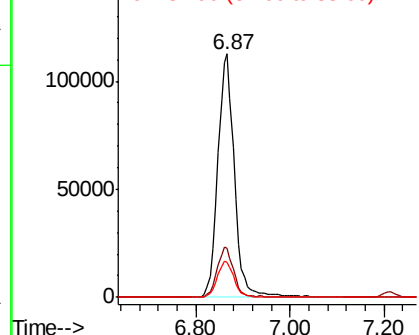
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.87 min Scan# 937  
 Delta R.T. 0.01 min  
 Lab File: VX005173.D  
 Acq: 09 Oct 2018 21:37

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE-103D1-20181003

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 20.0  | 0.0   | 39.8  |
| 88      | 14.6  | 0.0   | 27.0  |

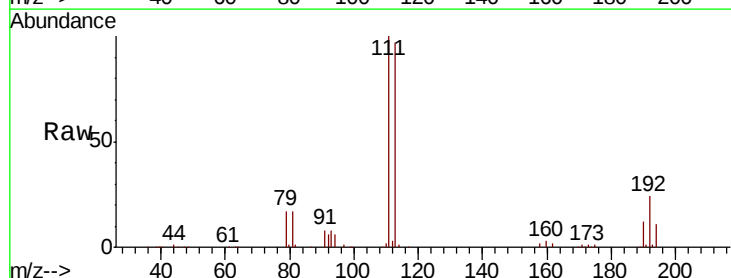


Abundance Ion 113.90 (113.60 to 114.60): V  
 Ion 63.00 (62.70 to 63.70): VX0  
 Ion 87.90 (87.60 to 88.60): VX0

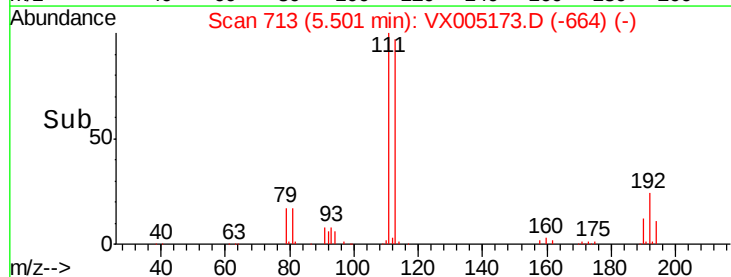
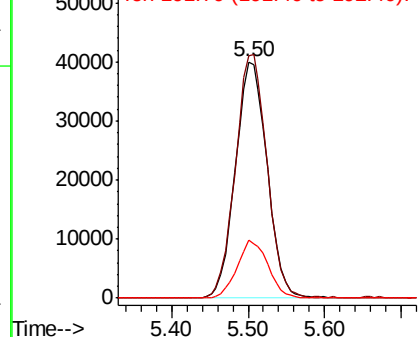


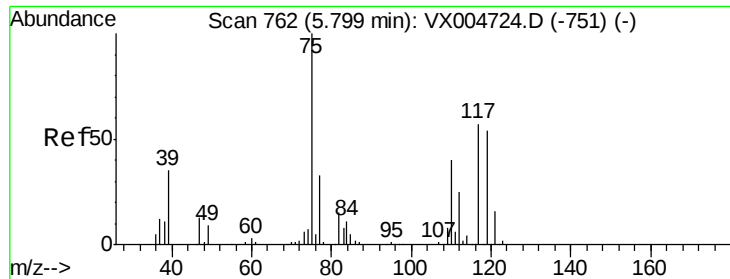
#35  
 Dibromofluoromethane  
 Concen: 49.161 ug/l  
 RT: 5.50 min Scan# 713  
 Delta R.T. 0.00 min  
 Lab File: VX005173.D  
 Acq: 09 Oct 2018 21:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.8 | 77.0  | 115.4 |
| 192     | 23.8  | 17.0  | 25.6  |



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: 3.793 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX005173.D

Acq: 09 Oct 2018 21:37

Instrument :

MSVOA\_X

ClientSampleId :

RE-103D1-20181003

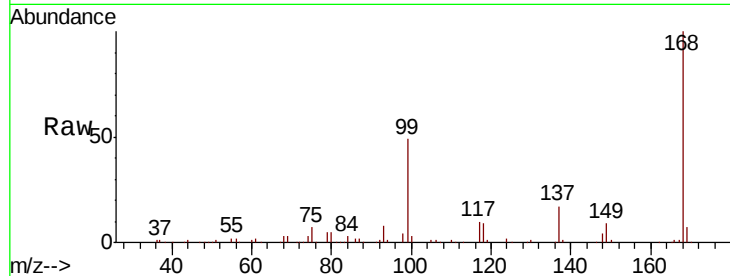
Tot Ion: 75 Resp: 12061

Ion Ratio Lower Upper

75 100

110 9.1 20.0 59.9#

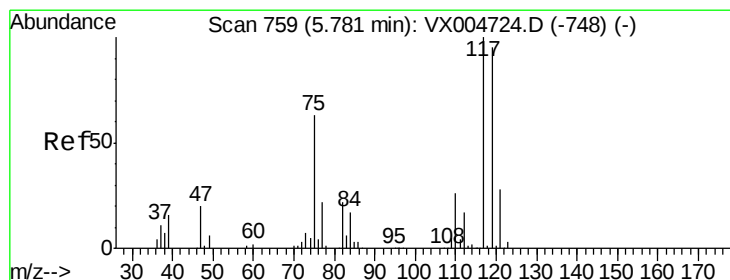
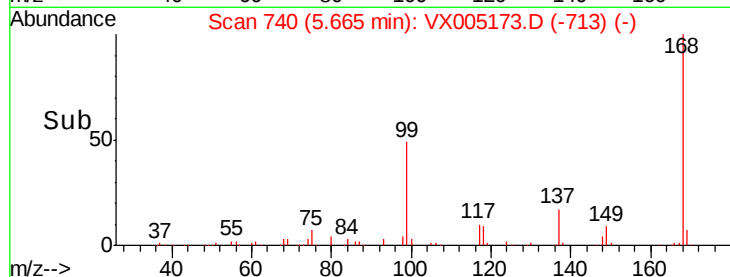
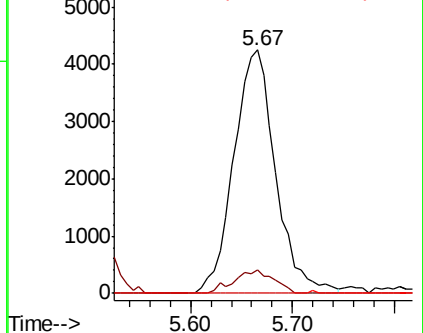
77 0.0 27.1 40.7#



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: 0.462 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX005173.D

Acq: 09 Oct 2018 21:37

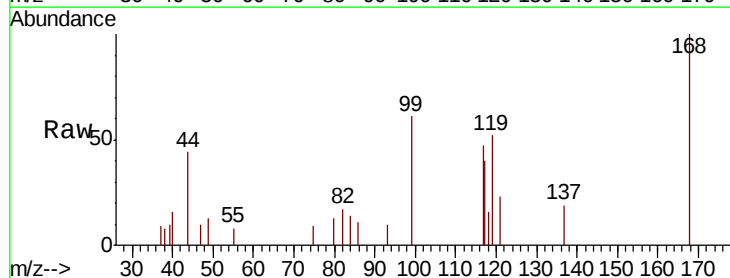
Tgt Ion: 117 Resp: 1545

Ion Ratio Lower Upper

117 100

119 60.5 75.2 112.8#

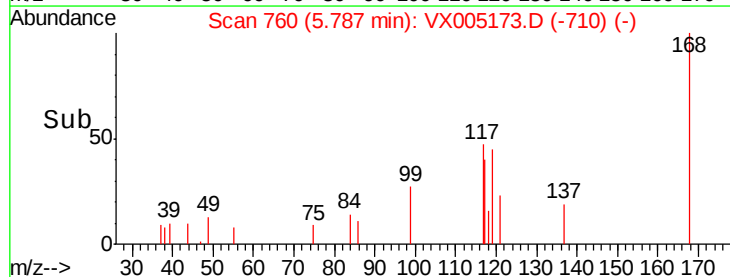
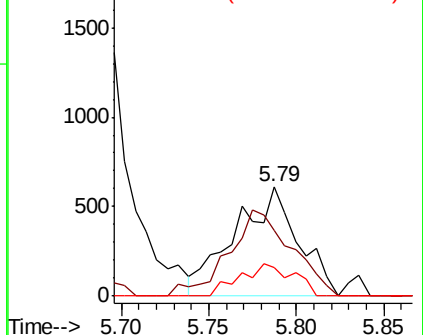
121 26.3 22.5 33.7

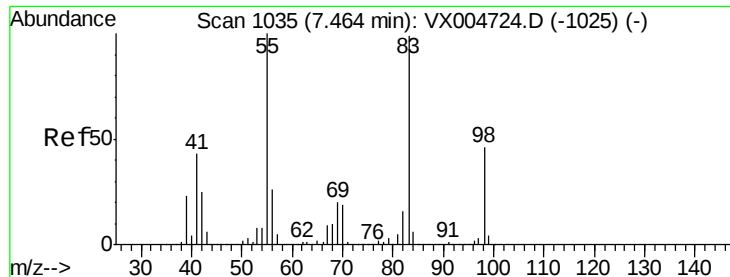


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

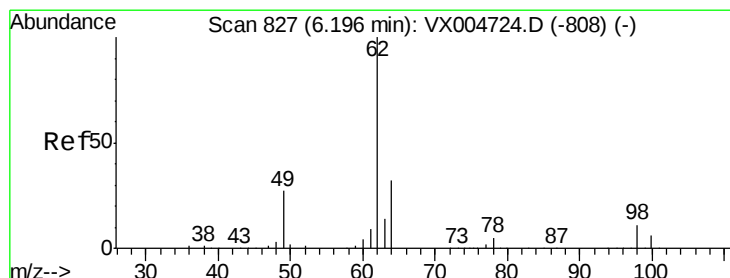
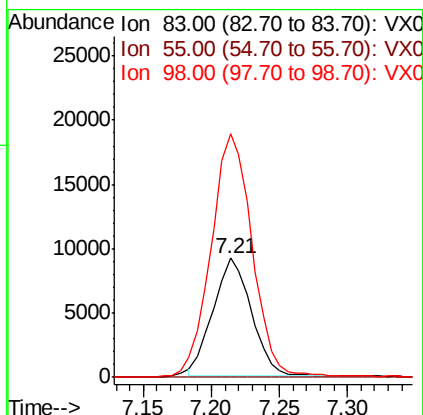
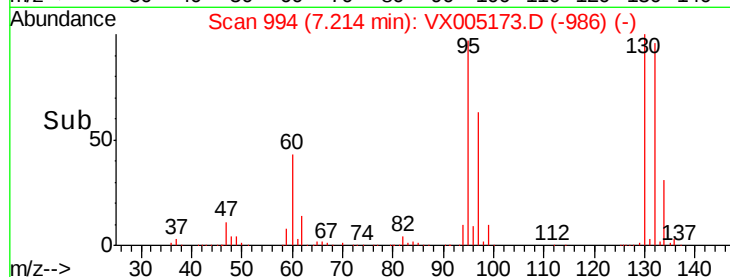
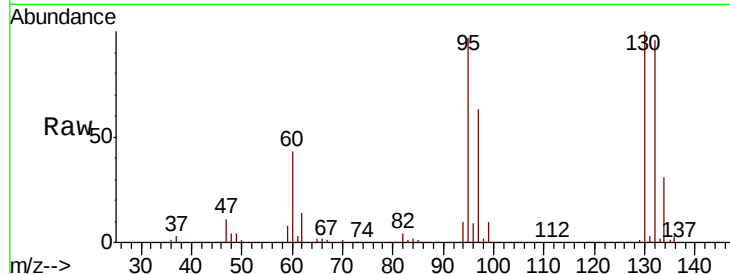




#39  
Methvlcvclohexane  
Concen: 5.538 ug/l  
RT: 7.21 min Scan# 994  
Delta R.T. -0.25 min  
Lab File: VX005173.D  
Acq: 09 Oct 2018 21:37

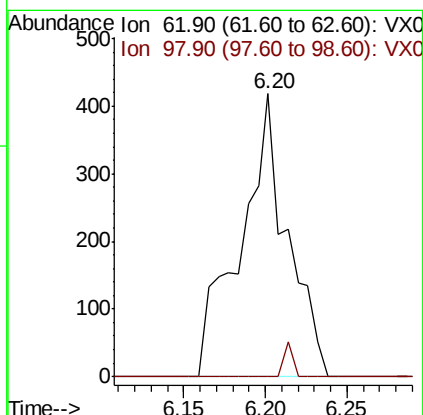
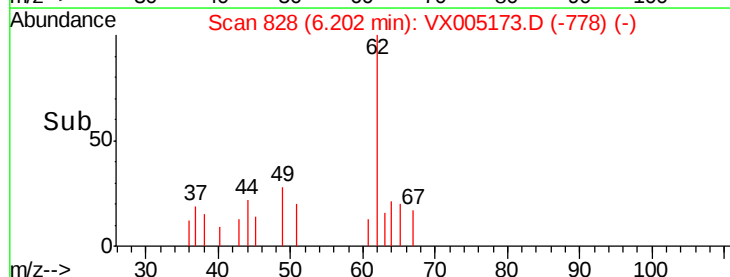
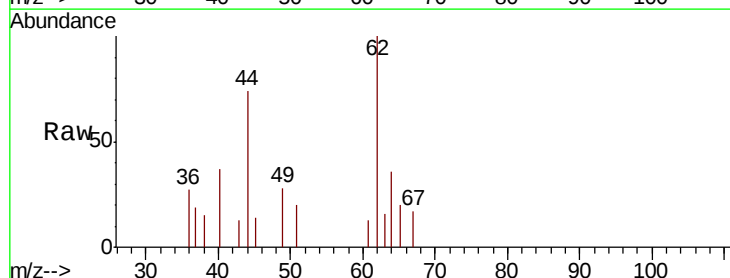
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE-103D1-20181003

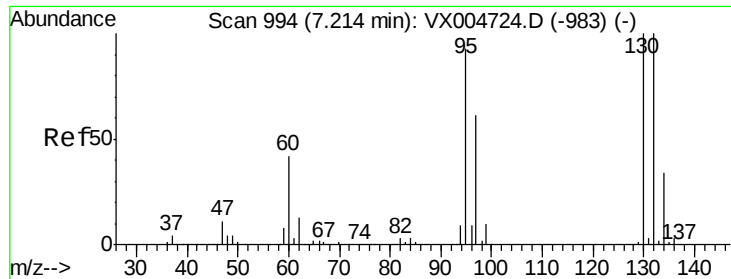
Tot Ion: 83 Resp: 17981  
Ion Ratio Lower Upper  
83 100  
55 0.0 81.1 121.7#  
98 204.2 37.3 55.9#



#42  
1,2-Dichloroethane  
Concen: 0.238 ug/l  
RT: 6.20 min Scan# 828  
Delta R.T. 0.01 min  
Lab File: VX005173.D  
Acq: 09 Oct 2018 21:37

Tgt Ion: 62 Resp: 839  
Ion Ratio Lower Upper  
62 100  
98 2.3 0.0 20.2





#44

Trichloroethene

Concen: 674.721 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005173.D

Acq: 09 Oct 2018 21:37

Instrument :

MSVOA\_X

ClientSampleId :

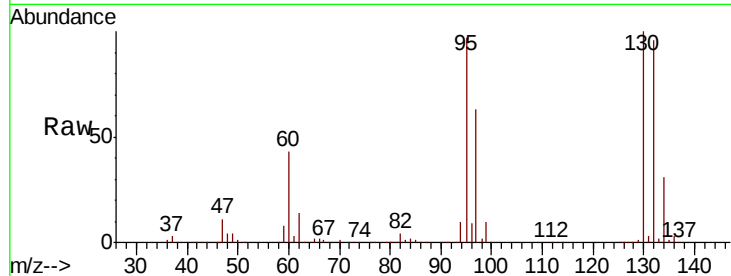
RE-103D1-20181003

Tot Ion:130 Resp: 1651058

Ion Ratio Lower Upper

130 100

95 97.3 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

800000

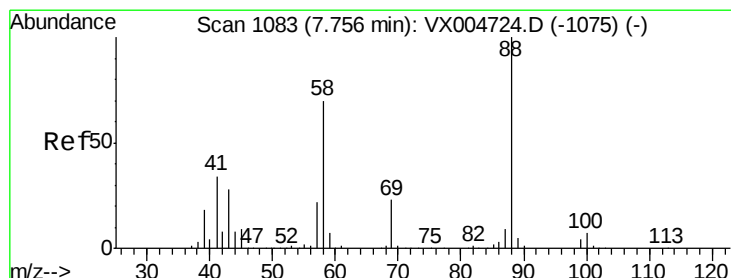
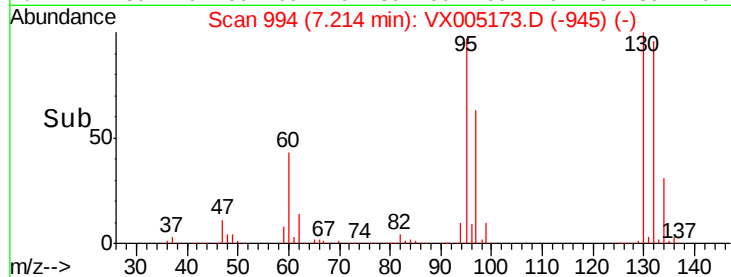
600000

400000

200000

0

Time-->



#49

1,4-Dioxane

Concen: 28.286 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.00 min

Lab File: VX005173.D

Acq: 09 Oct 2018 21:37

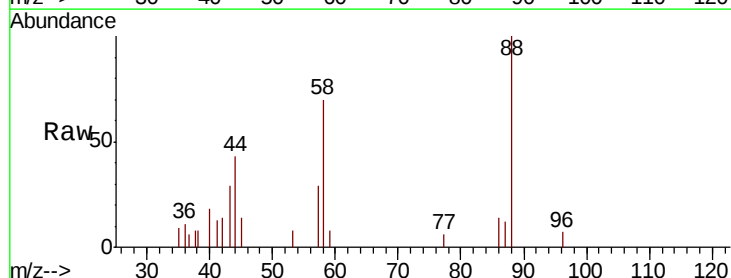
Tgt Ion: 88 Resp: 1943

Ion Ratio Lower Upper

88 100

43 42.6 25.1 37.7#

58 78.0 56.2 84.2



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

1200

1000

800

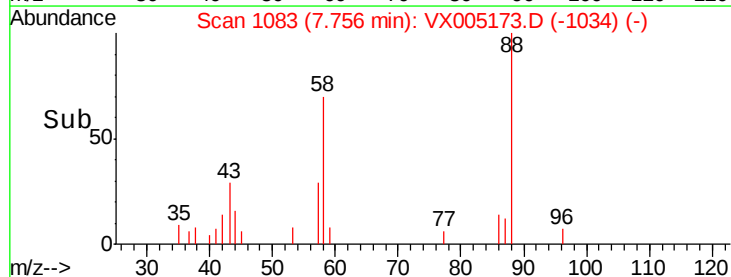
600

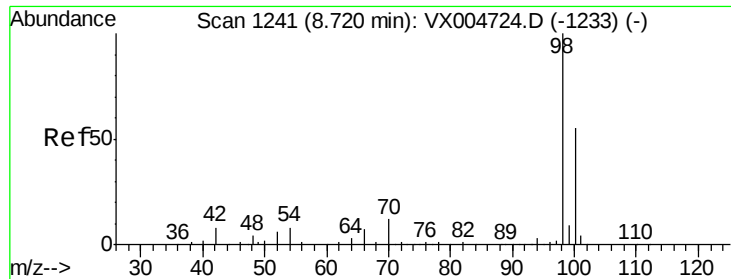
400

200

0

Time-->

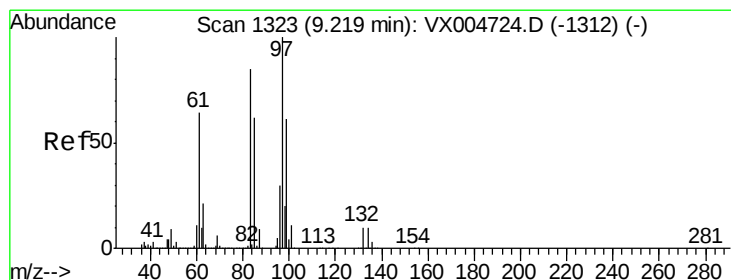
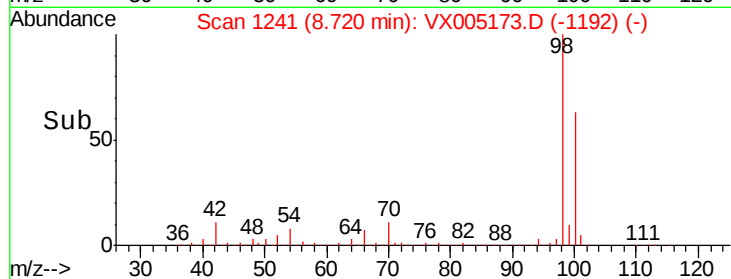
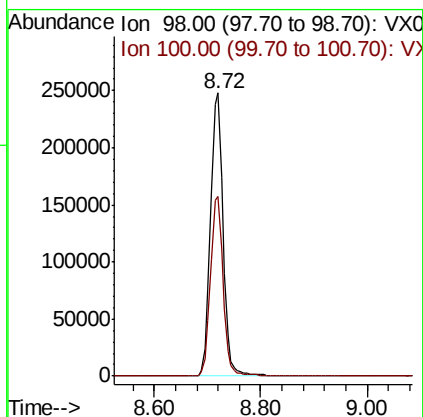
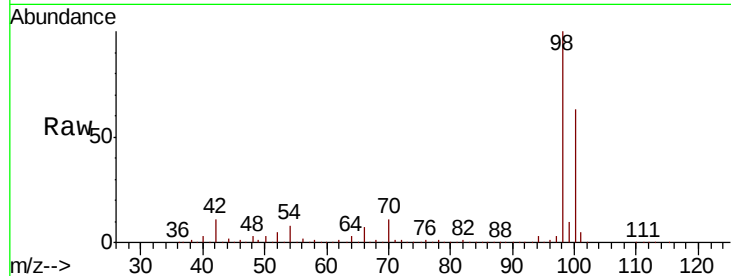




#50  
Toluene-d8  
Concen: 52.088 ug/l  
RT: 8.72 min Scan# 1241  
Delta R.T. 0.00 min  
Lab File: VX005173.D  
Acq: 09 Oct 2018 21:37

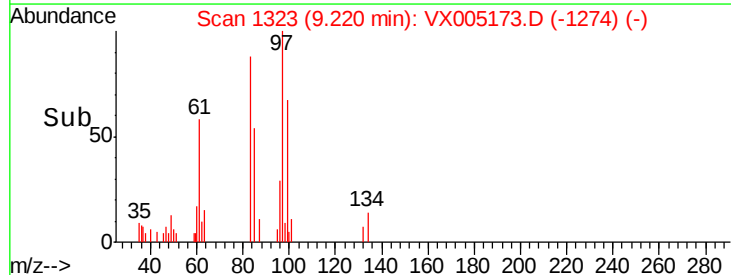
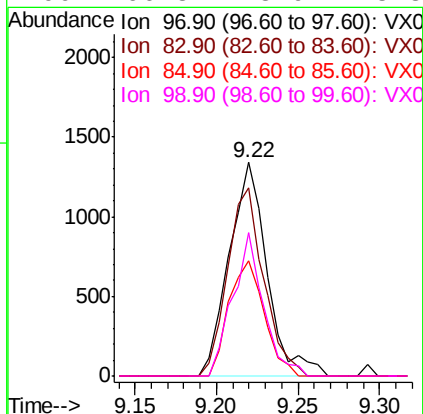
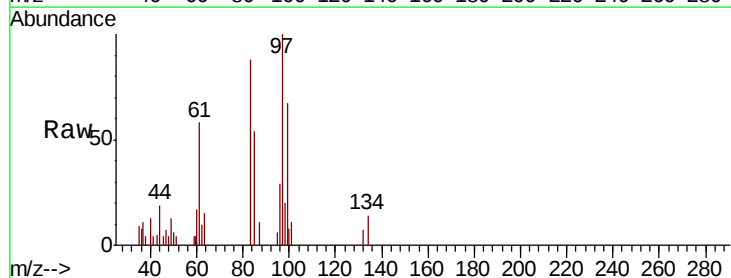
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE-103D1-20181003

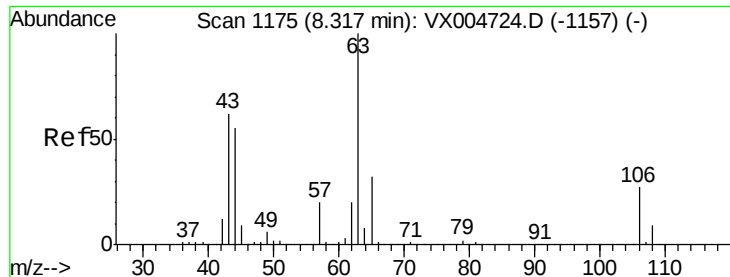
Tot Ion: 98 Resp: 403543  
Ion Ratio Lower Upper  
98 100  
100 63.8 51.9 77.9



#55  
1,1,2-Trichloroethane  
Concen: 0.907 ug/l  
RT: 9.22 min Scan# 1323  
Delta R.T. 0.00 min  
Lab File: VX005173.D  
Acq: 09 Oct 2018 21:37

Tgt Ion: 97 Resp: 2172  
Ion Ratio Lower Upper  
97 100  
83 88.2 68.2 102.2  
85 54.2 49.9 74.9  
99 66.8 48.9 73.3

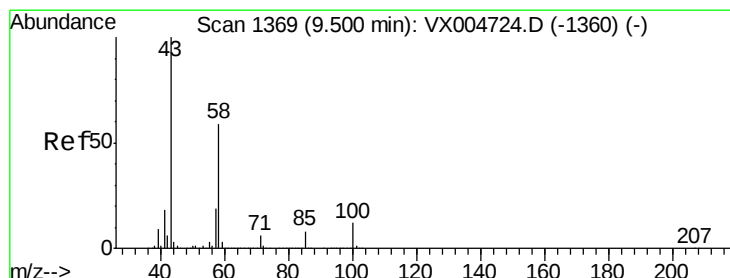
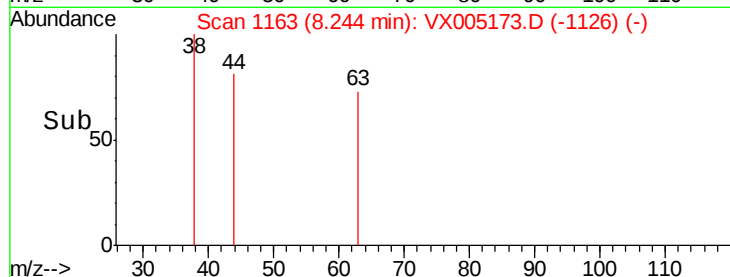
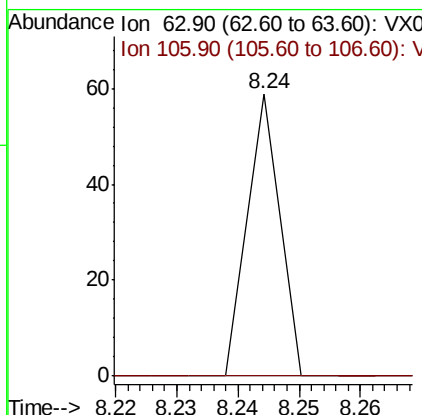
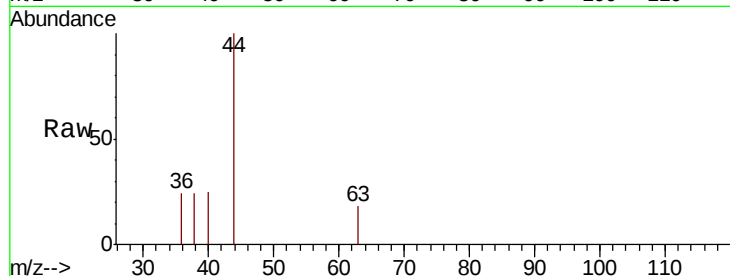




#58  
 2-Chloroethyl Vinyl ether  
 Concen: 14.252 ug/l  
 RT: 8.24 min Scan# 1163  
 Delta R.T. -0.07 min  
 Lab File: VX005173.D  
 Acq: 09 Oct 2018 21:37

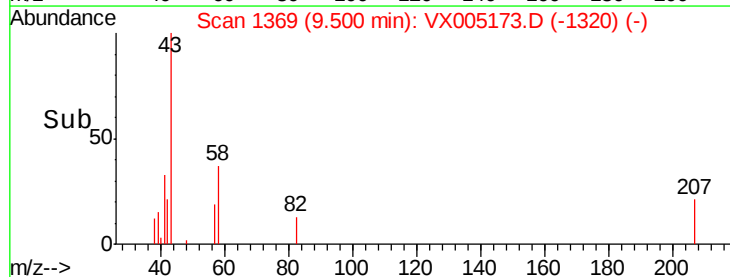
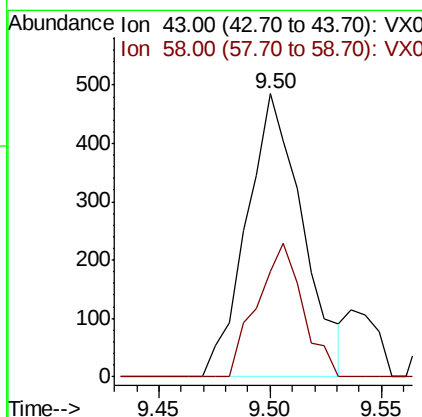
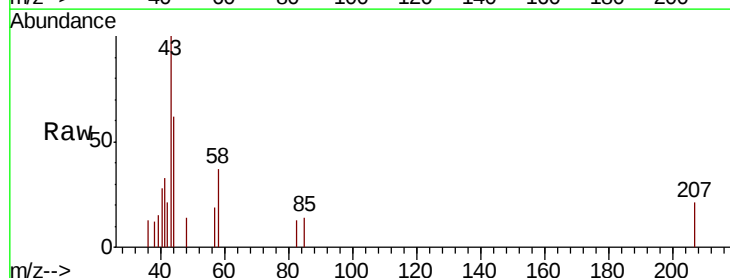
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE-103D1-20181003

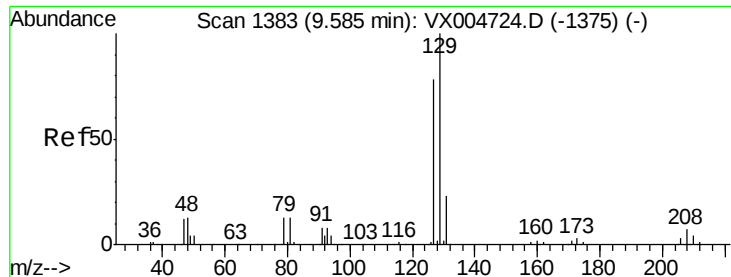
Tot Ion: 63 Resp: 22  
 Ion Ratio Lower Upper  
 63 100  
 106 0.0 21.0 31.6#



#59  
 2-Hexanone  
 Concen: 0.266 ug/l  
 RT: 9.50 min Scan# 1369  
 Delta R.T. 0.00 min  
 Lab File: VX005173.D  
 Acq: 09 Oct 2018 21:37

Tgt Ion: 43 Resp: 849  
 Ion Ratio Lower Upper  
 43 100  
 58 38.3 28.4 85.3

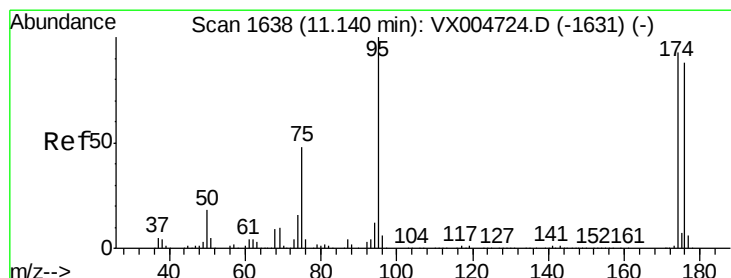
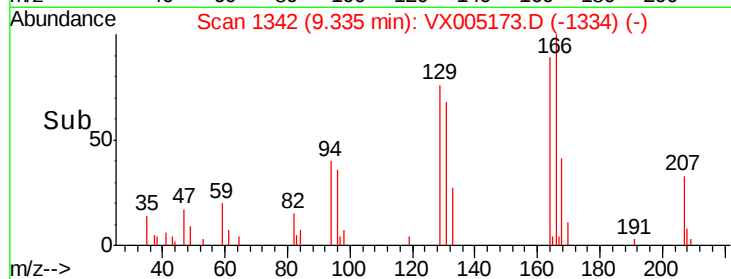
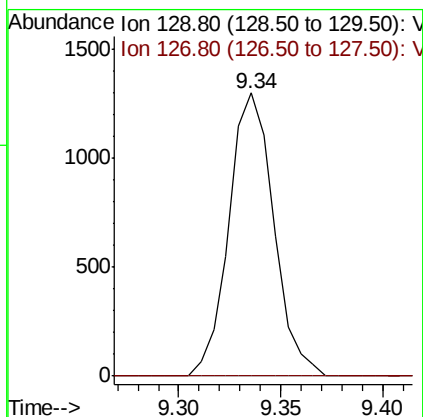
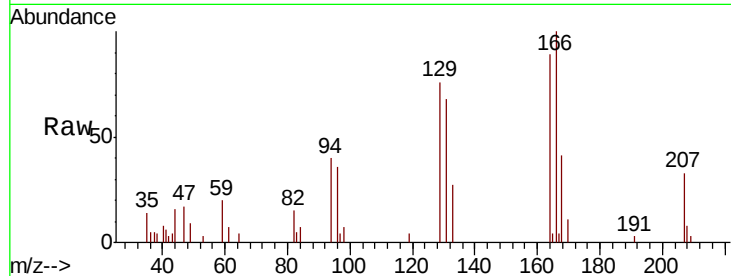




#60  
 Dibromochloromethane  
 Concen: 0.828 ug/l  
 RT: 9.34 min Scan# 1342  
 Delta R.T. -0.25 min  
 Lab File: VX005173.D  
 Acq: 09 Oct 2018 21:37

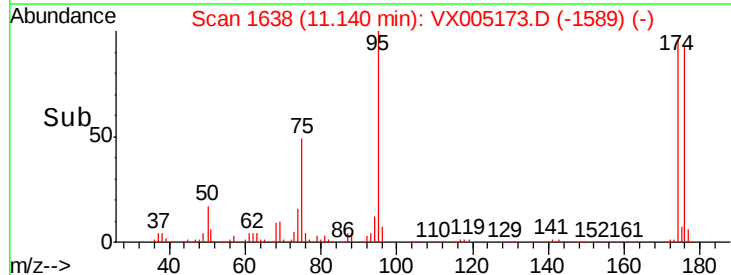
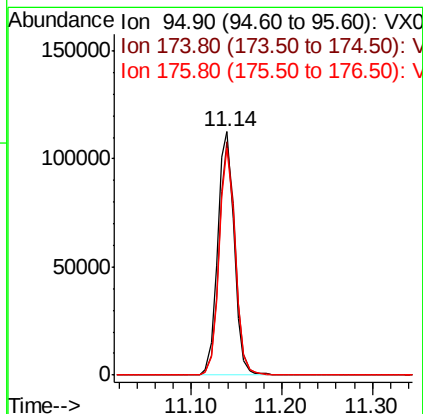
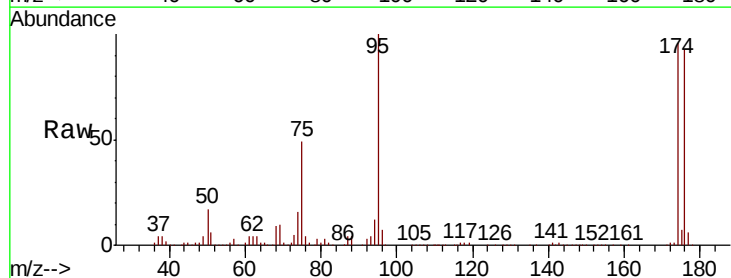
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE-103D1-20181003

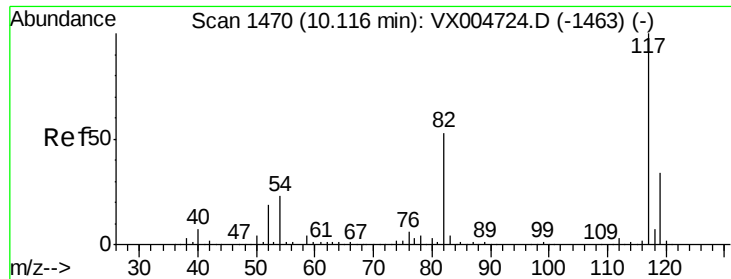
Tot Ion:129 Resp: 1983  
 Ion Ratio Lower Upper  
 129 100  
 127 0.0 39.1 117.2#



#62  
 4-Bromofluorobenzene  
 Concen: 51.519 ug/l  
 RT: 11.14 min Scan# 1638  
 Delta R.T. 0.00 min  
 Lab File: VX005173.D  
 Acq: 09 Oct 2018 21:37

Tgt Ion: 95 Resp: 143791  
 Ion Ratio Lower Upper  
 95 100  
 174 93.6 0.0 185.0  
 176 90.7 0.0 180.2

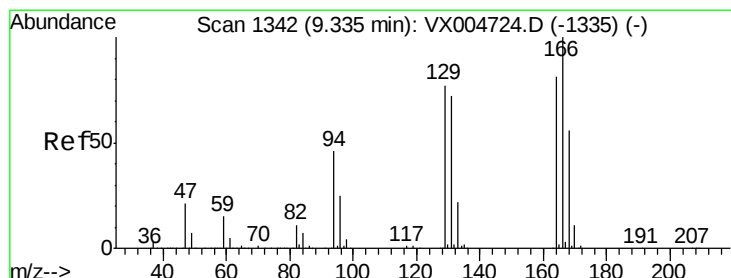
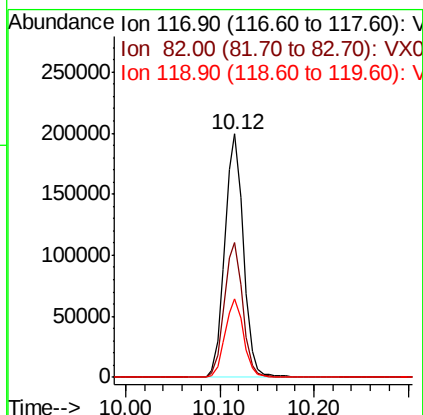
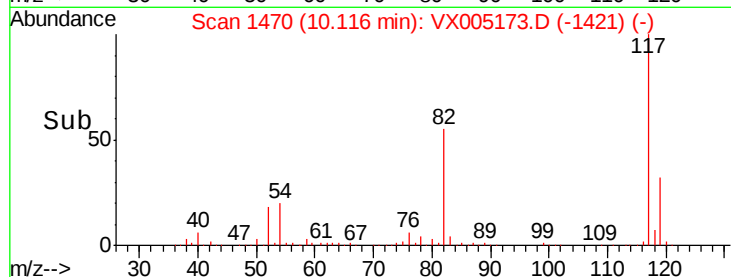
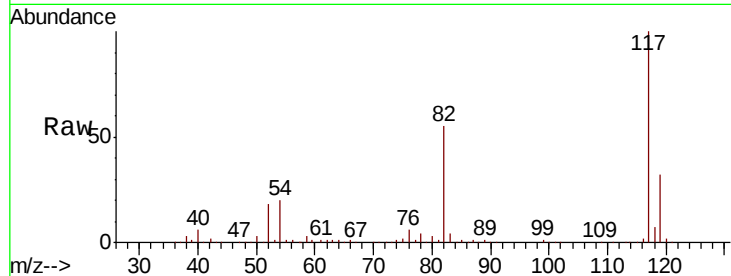




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. 0.00 min  
Lab File: VX005173.D  
Acq: 09 Oct 2018 21:37

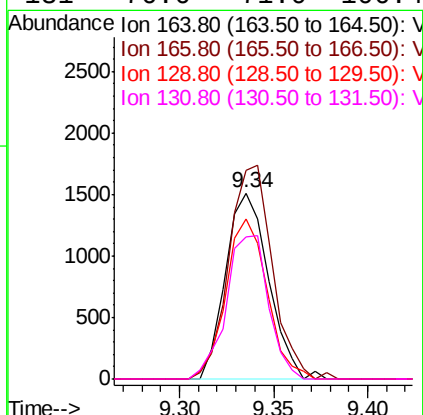
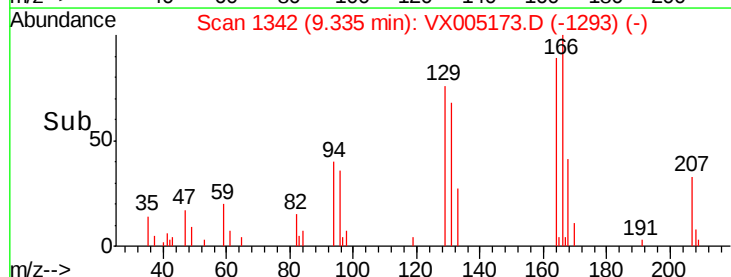
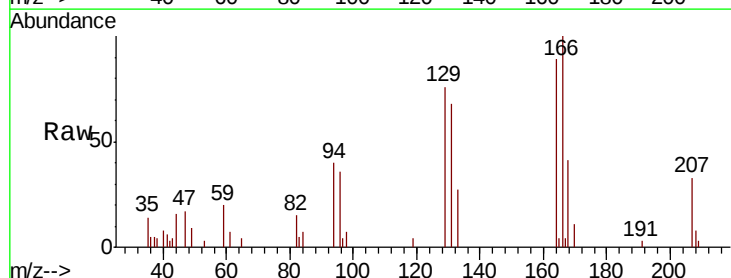
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE-103D1-20181003

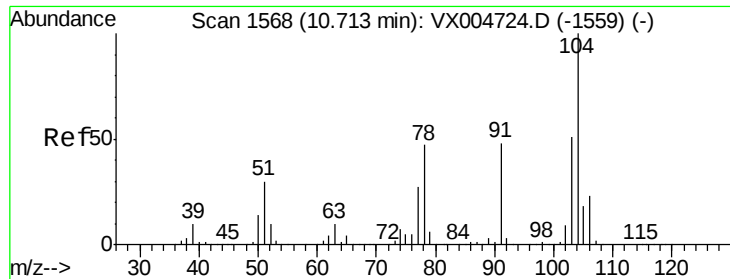
Tot Ion:117 Resp: 274001  
Ion Ratio Lower Upper  
117 100  
82 55.4 42.2 63.4  
119 32.5 27.4 41.0



#64  
Tetrachloroethene  
Concen: 0.886 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. 0.00 min  
Lab File: VX005173.D  
Acq: 09 Oct 2018 21:37

Tgt Ion:164 Resp: 2388  
Ion Ratio Lower Upper  
164 100  
166 112.4 98.4 147.6  
129 85.9 76.1 114.1  
131 76.6 71.0 106.4





#70

Stvrene

Concen: 2.149 ug/l

RT: 10.71 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX005173.D

Acq: 09 Oct 2018 21:37

Instrument :

MSVOA\_X

ClientSampleId :

RE-103D1-20181003

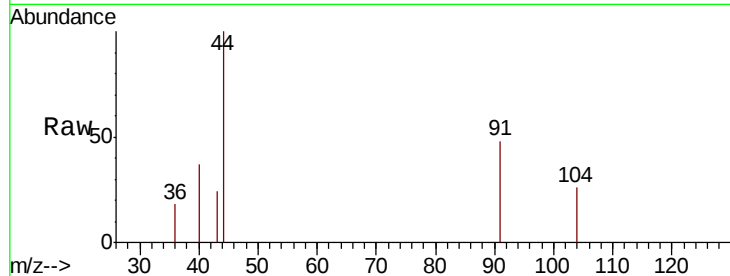
Tot Ion:104 Resp: 70

Ion Ratio Lower Upper

104 100

78 31.4 40.0 60.0#

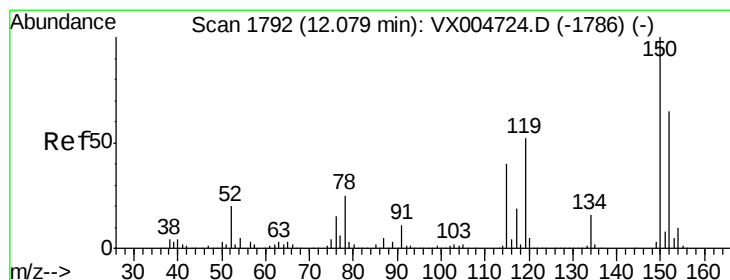
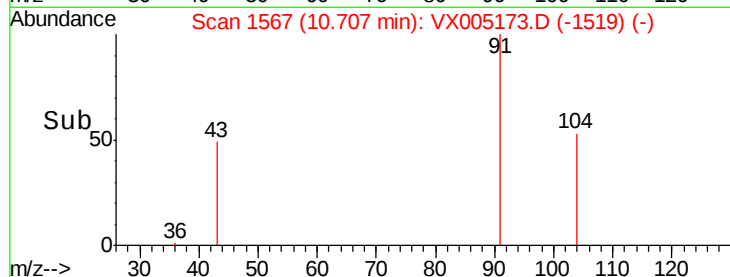
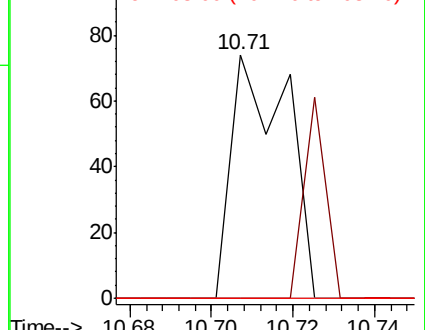
103 0.0 44.3 66.5#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005173.D

Acq: 09 Oct 2018 21:37

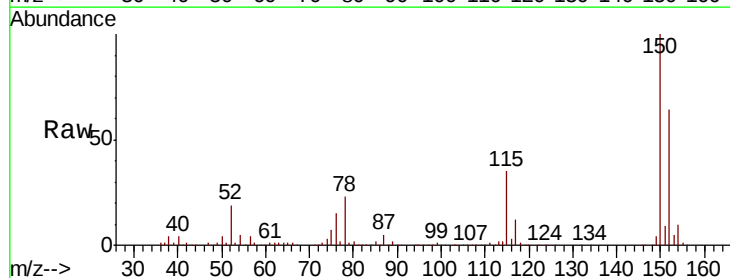
Tgt Ion:152 Resp: 154128

Ion Ratio Lower Upper

152 100

115 55.1 40.2 120.6

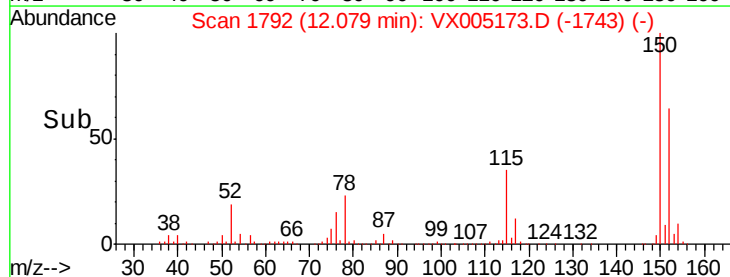
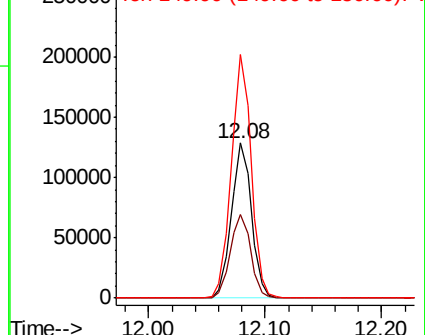
150 156.1 0.0 351.0

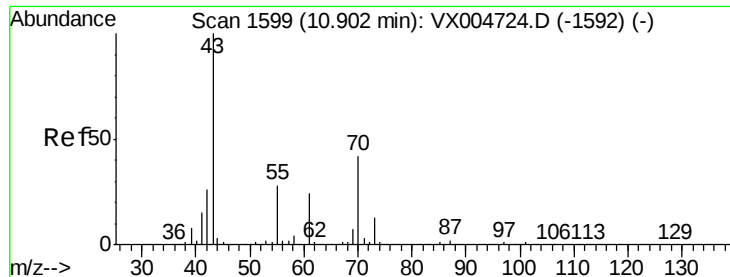


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 1.751 ug/l

RT: 10.89 min Scan# 1597

Delta R.T. -0.01 min

Lab File: VX005173.D

Acq: 09 Oct 2018 21:37

Instrument :

MSVOA\_X

ClientSampleId :

RE-103D1-20181003

Tot Ion: 43 Resp: 19

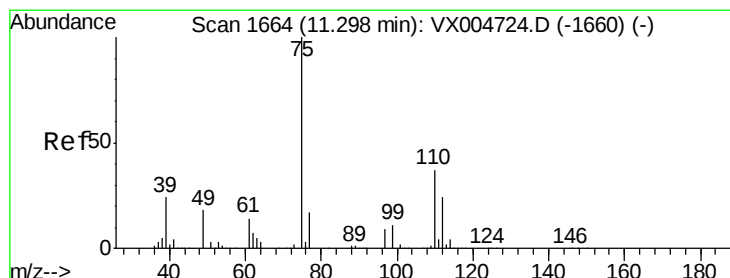
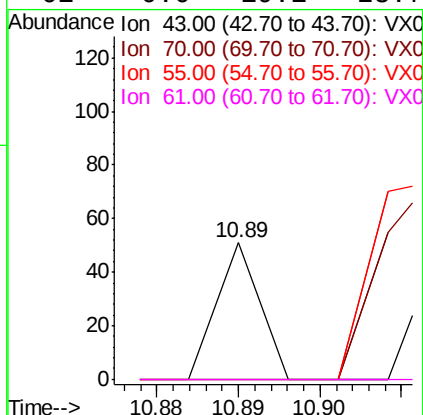
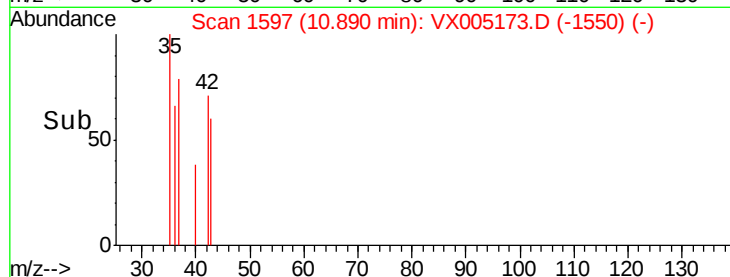
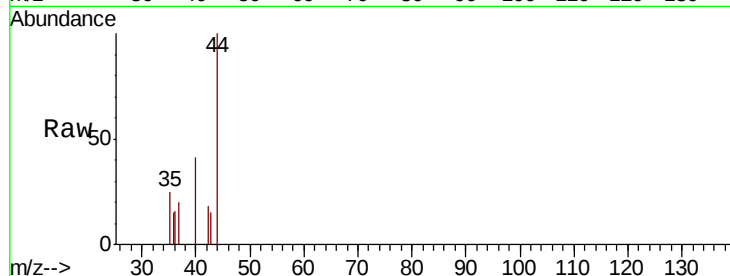
Ion Ratio Lower Upper

43 100

70 0.0 32.6 48.8#

55 0.0 21.6 32.4#

61 0.0 19.1 28.7#



#76

1,2,3-Trichloropropane

Concen: 20.610 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005173.D

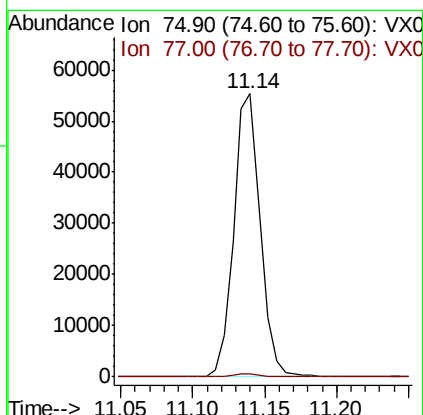
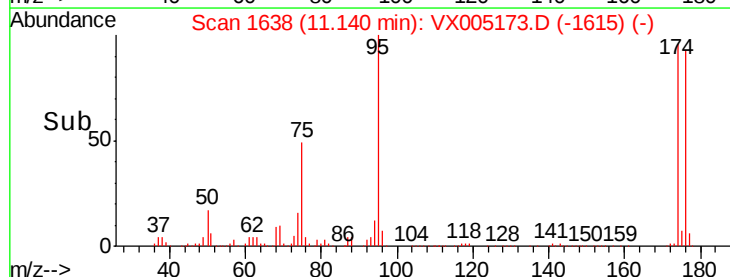
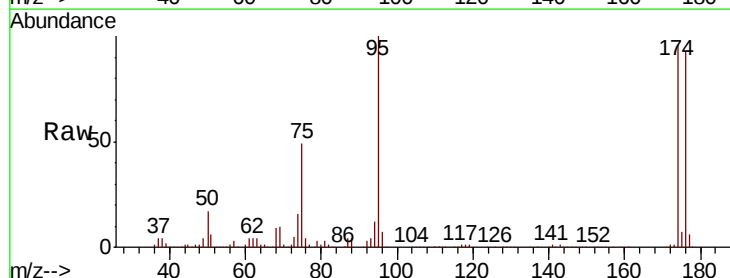
Acq: 09 Oct 2018 21:37

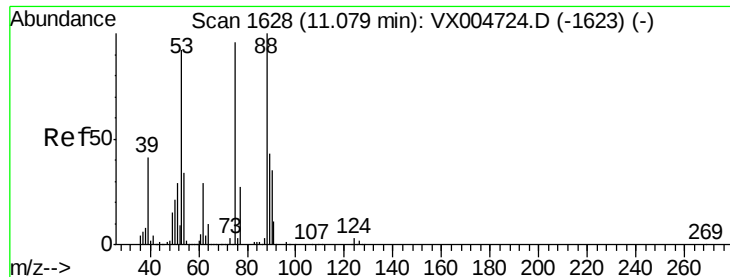
Tgt Ion: 75 Resp: 71200

Ion Ratio Lower Upper

75 100

77 1.3 21.4 64.3#

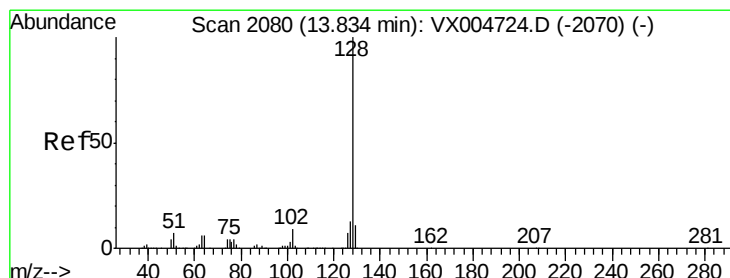
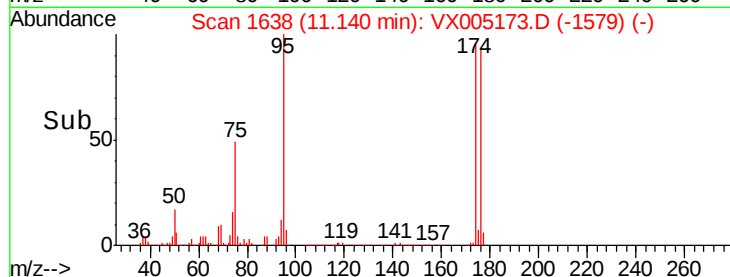
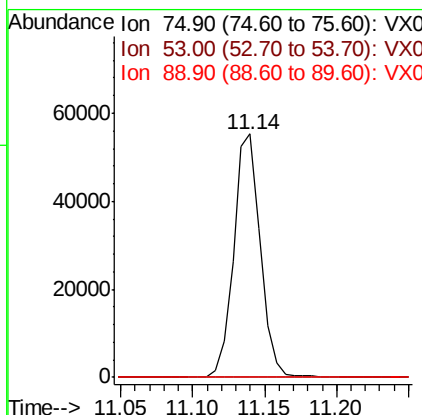
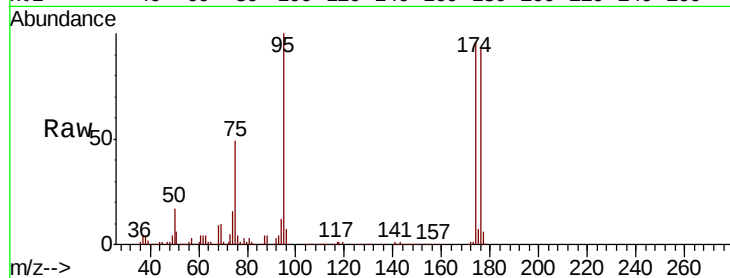




#81  
trans-1,4-Dichloro-2-butene  
Concen: 55.965 ug/l  
RT: 11.14 min Scan# 1638  
Delta R.T. 0.06 min  
Lab File: VX005173.D  
Acq: 09 Oct 2018 21:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE-103D1-20181003

Tot Ion: 75 Resp: 71200  
Ion Ratio Lower Upper  
75 100  
53 0.3 80.2 120.4#  
89 0.0 37.1 55.7#



#95  
Naphthalene  
Concen: 0.754 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. 0.00 min  
Lab File: VX005173.D  
Acq: 09 Oct 2018 21:37

Tgt Ion:128 Resp: 451  
Ion Ratio Lower Upper  
128 100  
127 4.9 10.4 15.6#  
129 0.0 8.7 13.1#

