

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031620\  
 Data File : VX015299.D  
 Acq On : 16 Mar 2020 17:05  
 Operator : JC/SP  
 Sample : L1945-03  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE104D2-20200312

Quant Time: Mar 17 07:42:56 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X030420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 04 14:19:10 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 318572   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 520164   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 506206   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 261287   | 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   | 182144   | 48.19 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.38%  |          |
| 35) Dibromofluoromethane    | 5.49  | 113  | 158627   | 48.34 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.68%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 623885   | 49.98 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.96%  |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 238601   | 53.59 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 107.18% |          |

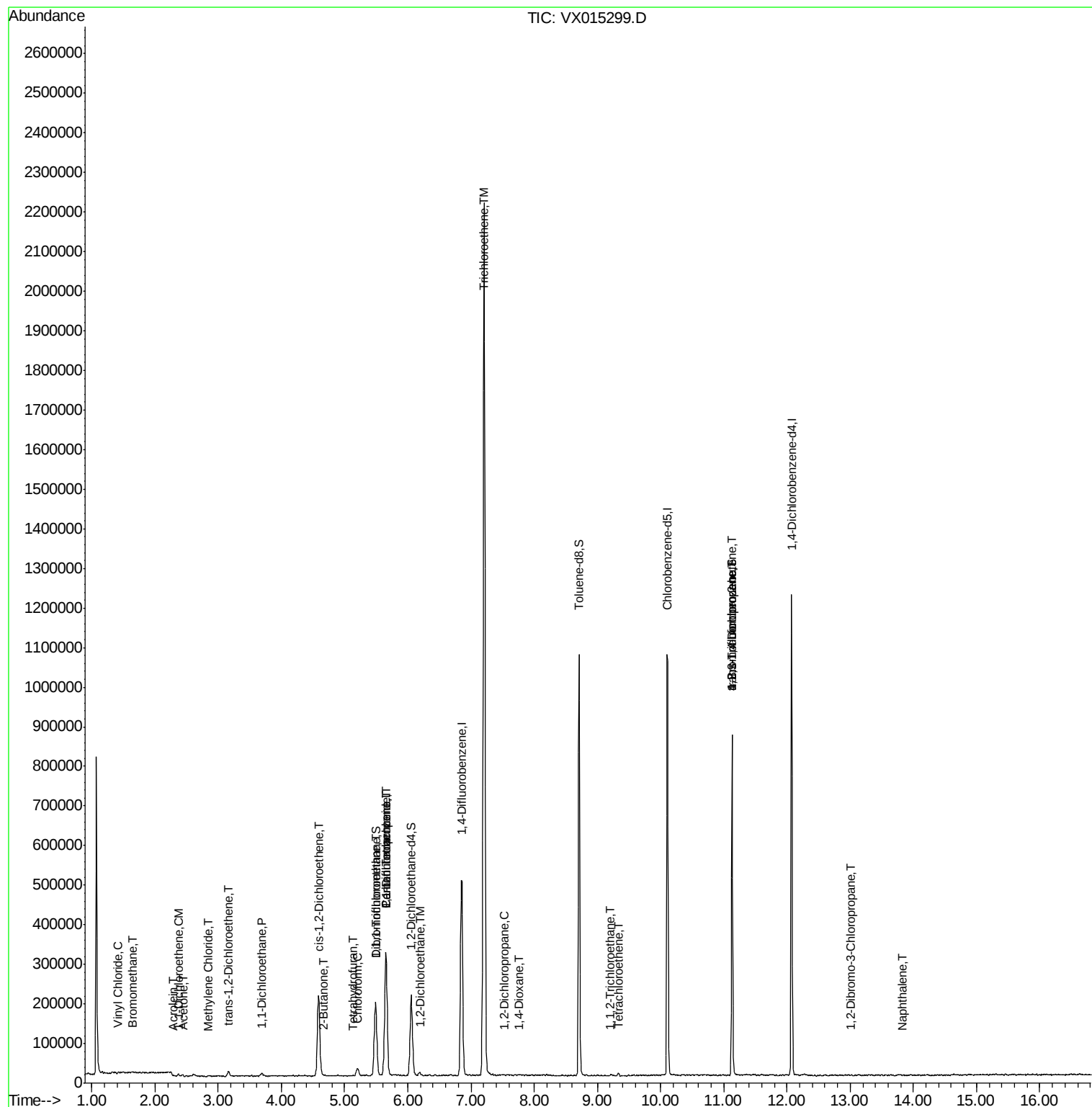
| Target Compounds               | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|--------------------------------|-------|------|----------|---------|--------|--------|
| 4) Vinyl Chloride              | 1.41  | 62   | 865      | 0.216   | ug/l # | 57     |
| 5) Bromomethane                | 1.64  | 94   | 589      | 0.239   | ug/l # | 30     |
| 12) 1,1-Dichloroethene         | 2.37  | 96   | 2001     | 0.646   | ug/l # | 63     |
| 13) Acrolein                   | 2.29  | 56   | 148      | 0.240   | ug/l # | 32     |
| 16) Acetone                    | 2.44  | 43   | 5411     | 3.535   | ug/l   | 95     |
| 20) Methylene Chloride         | 2.84  | 84   | 1093     | 0.305   | ug/l # | 73     |
| 21) trans-1,2-Dichloroethene   | 3.16  | 96   | 6063     | 1.834   | ug/l   | 84     |
| 24) 1,1-Dichloroethane         | 3.69  | 63   | 8200     | 1.374   | ug/l # | 89     |
| 25) 2-Butanone                 | 4.67  | 43   | 528      | 0.236   | ug/l # | 49     |
| 27) cis-1,2-Dichloroethene     | 4.59  | 96   | 130658   | 35.232  | ug/l   | 90     |
| 29) Tetrahydrofuran            | 5.14  | 42   | 329      | 0.228   | ug/l # | 18     |
| 30) Chloroform                 | 5.20  | 83   | 22058    | 3.792   | ug/l   | 93     |
| 32) 1,1,1-Trichloroethane      | 5.49  | 97   | 1564     | 0.324   | ug/l # | 44     |
| 36) 1,1-Dichloropropene        | 5.65  | 75   | 23366    | 4.859   | ug/l # | 50     |
| 38) Carbon Tetrachloride       | 5.65  | 117  | 27552    | 6.070   | ug/l # | 16     |
| 42) 1,2-Dichloroethane         | 6.19  | 62   | 8360     | 1.706   | ug/l   | 91     |
| 44) Trichloroethene            | 7.21  | 130  | 878486   | 221.103 | ug/l   | 99     |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 1016     | 0.275   | ug/l # | 21     |
| 49) 1,4-Dioxane                | 7.75  | 88   | 1146     | 13.271  | ug/l # | 34     |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 852      | 0.237   | ug/l # | 79     |
| 64) Tetrachloroethene          | 9.33  | 164  | 1276     | 0.305   | ug/l   | 93     |
| 76) 1,2,3-Trichloropropane     | 11.13 | 75   | 112941   | 21.670  | ug/l # | 34     |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75   | 112941   | 61.499  | ug/l # | 11     |
| 92) 1,2-Dibromo-3-Chloropropan | 13.02 | 75   | 251      | 0.225   | ug/l   | 87     |
| 95) Naphthalene                | 13.82 | 128  | 539      | 1.450   | ug/l # | 82     |

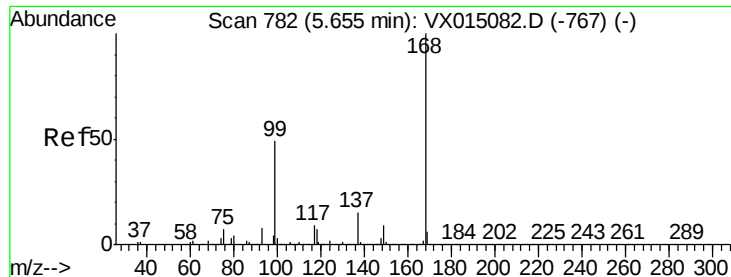
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031620\  
Data File : VX015299.D  
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Sample : L1945-03  
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ALS Vial : 19 Sample Multiplier: 1

Instrument :  
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Quant Time: Mar 17 07:42:56 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X030420W.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 04 14:19:10 2020  
Response via : Initial Calibration

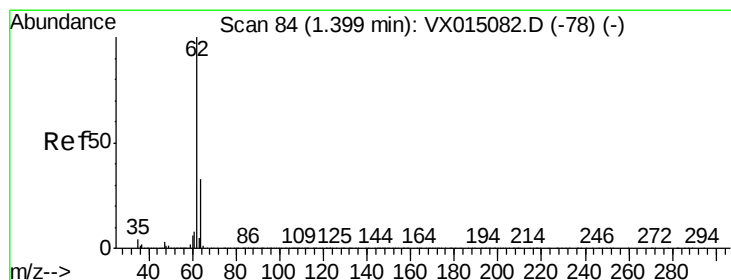
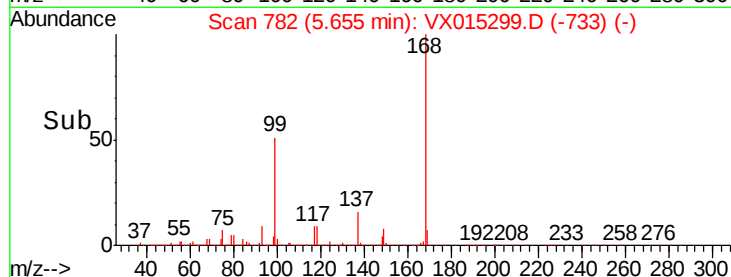
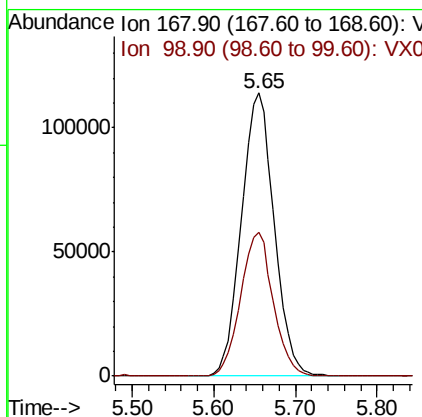
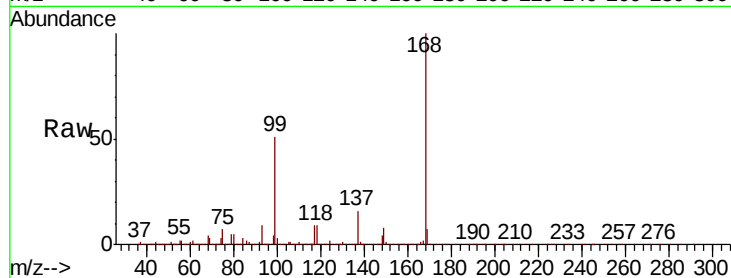




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.65 min Scan# 782  
Delta R.T. 0.00 min  
Lab File: VX015299.D  
Acq: 16 Mar 2020 17:05

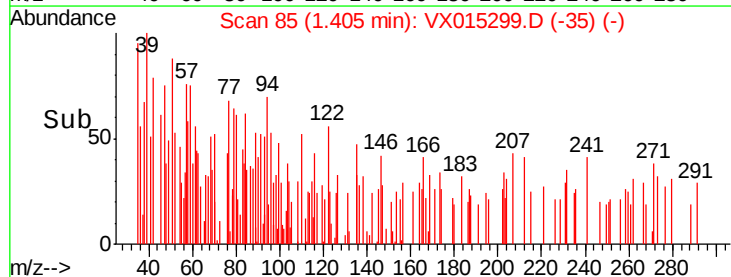
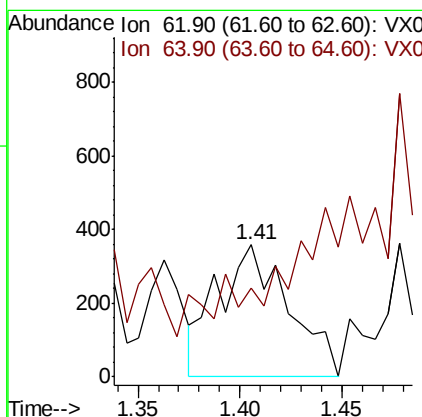
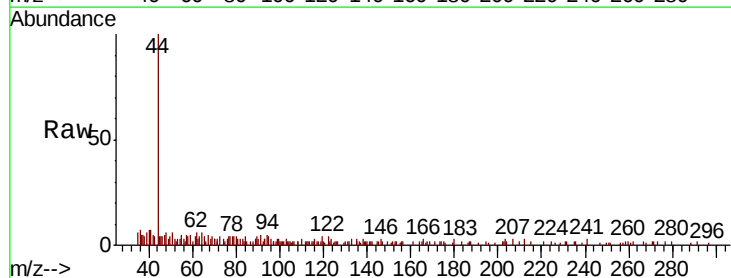
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE104D2-20200312

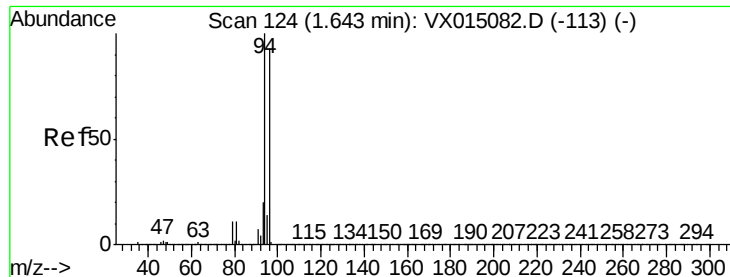
Tot Ion:168 Resp: 318572  
Ion Ratio Lower Upper  
168 100  
99 50.8 39.4 59.2



#4  
Vinyl Chloride  
Concen: 0.216 ug/l  
RT: 1.41 min Scan# 85  
Delta R.T. 0.01 min  
Lab File: VX015299.D  
Acq: 16 Mar 2020 17:05

Tgt Ion: 62 Resp: 865  
Ion Ratio Lower Upper  
62 100  
64 8.6 26.1 39.1#





#5

Bromomethane

Concen: 0.239 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX015299.D

Acq: 16 Mar 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

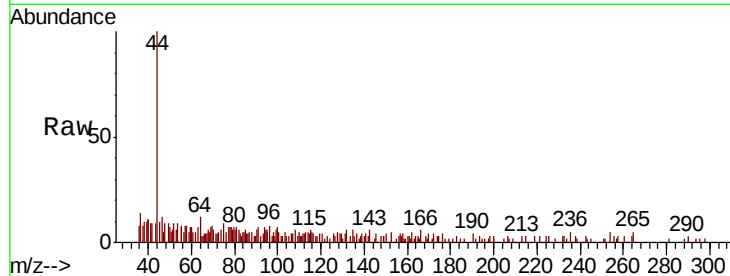
RE104D2-20200312

Tot Ion: 94 Resp: 589

Ion Ratio Lower Upper

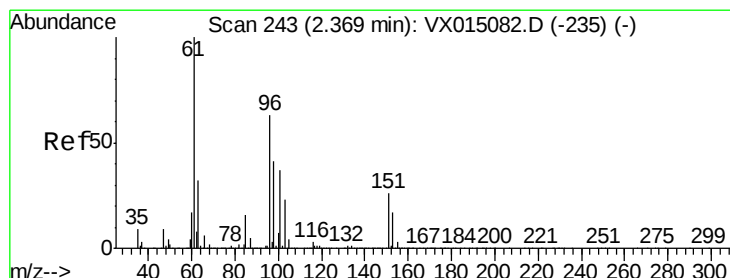
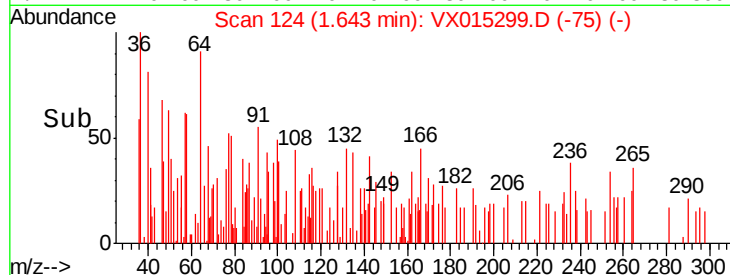
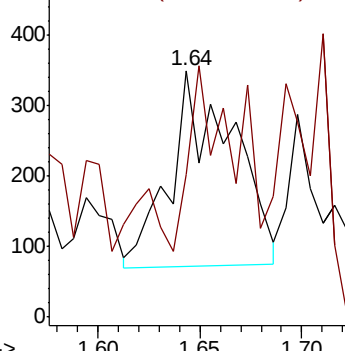
94 100

96 26.3 74.6 111.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#12

1,1-Dichloroethene

Concen: 0.646 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015299.D

Acq: 16 Mar 2020 17:05

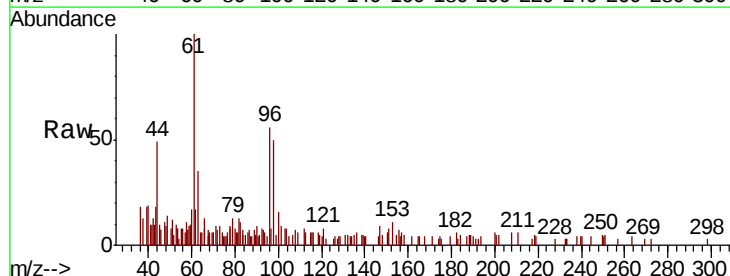
Tgt Ion: 96 Resp: 2001

Ion Ratio Lower Upper

96 100

61 201.9 126.2 189.4#

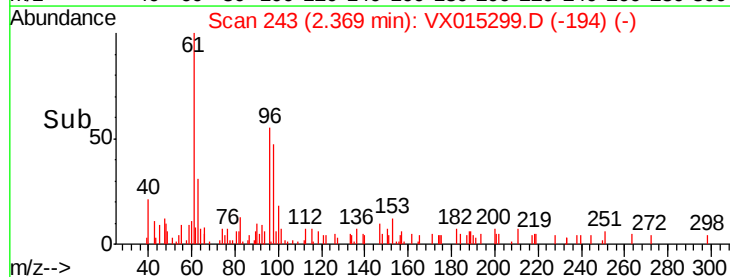
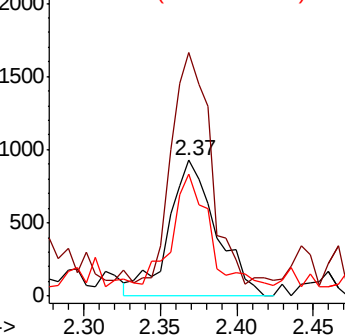
98 98.4 51.4 77.0#

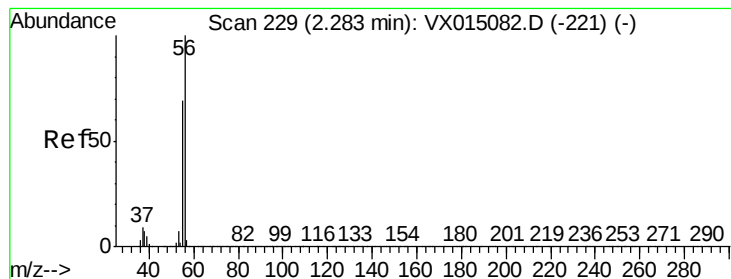


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 0.240 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX015299.D

Acq: 16 Mar 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

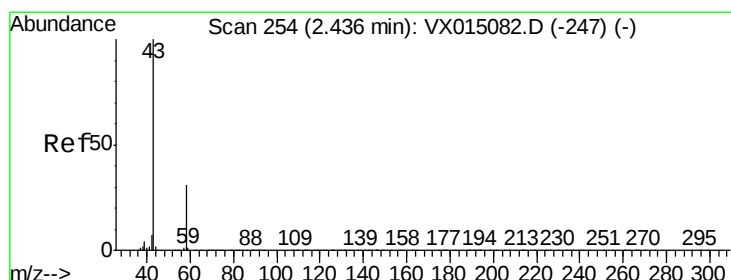
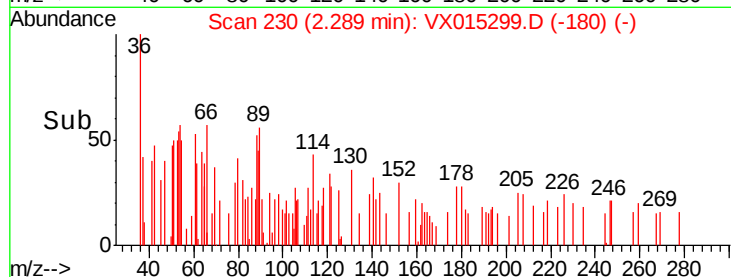
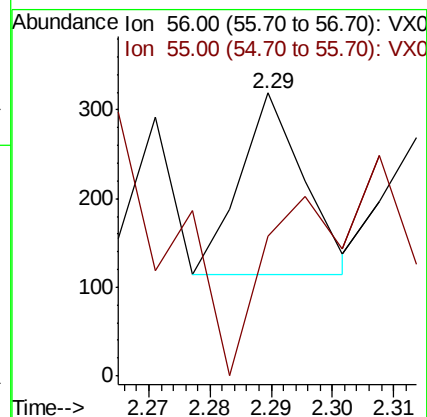
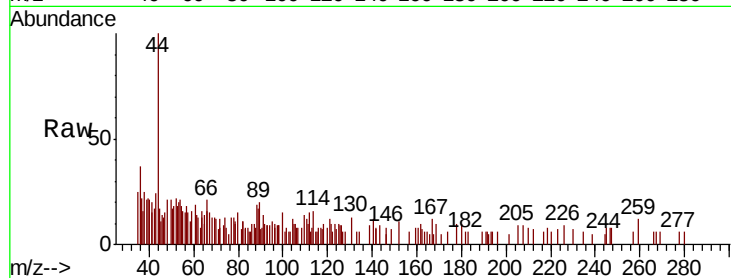
RE104D2-20200312

Tot Ion: 56 Resp: 148

Ion Ratio Lower Upper

56 100

55 124.3 55.4 83.0#



#16

Acetone

Concen: 3.535 ug/l

RT: 2.44 min Scan# 255

Delta R.T. 0.01 min

Lab File: VX015299.D

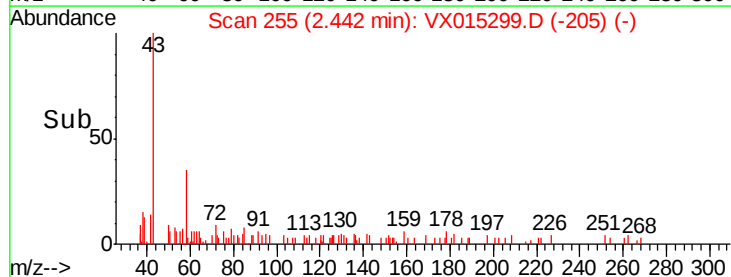
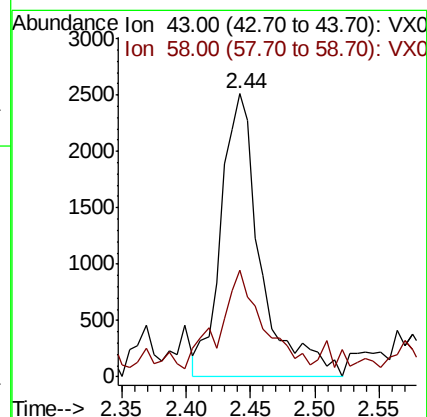
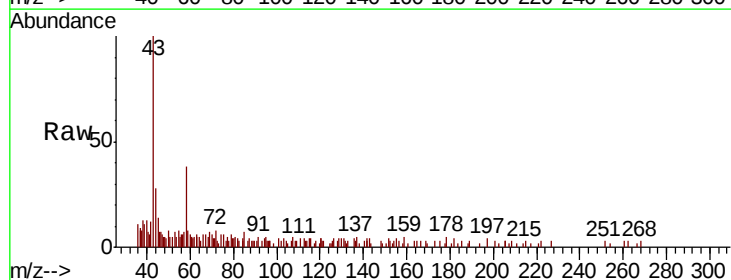
Acq: 16 Mar 2020 17:05

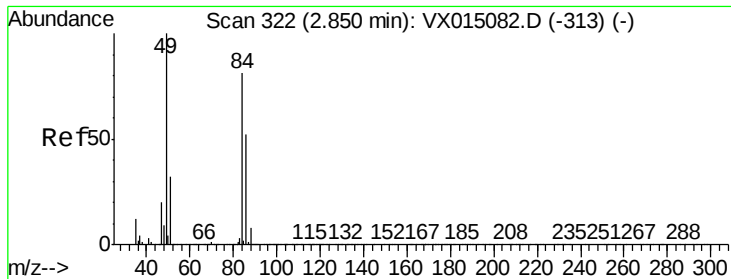
Tgt Ion: 43 Resp: 5411

Ion Ratio Lower Upper

43 100

58 28.2 24.8 37.2

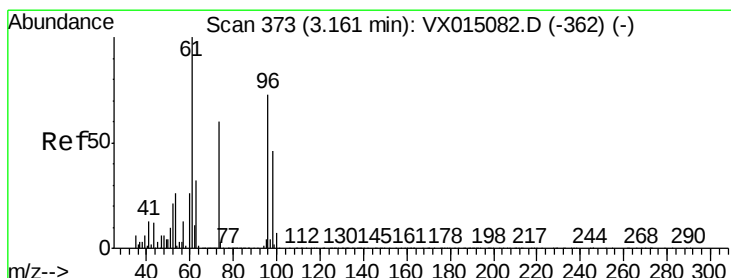
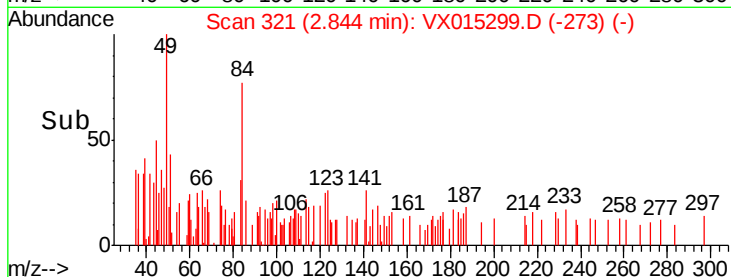
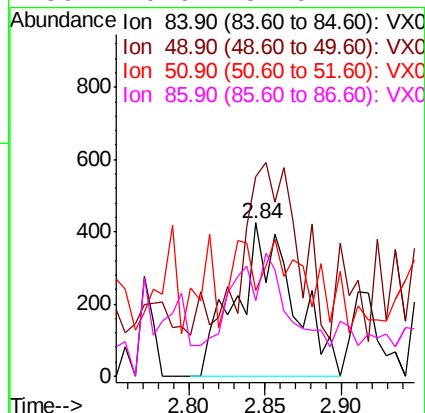
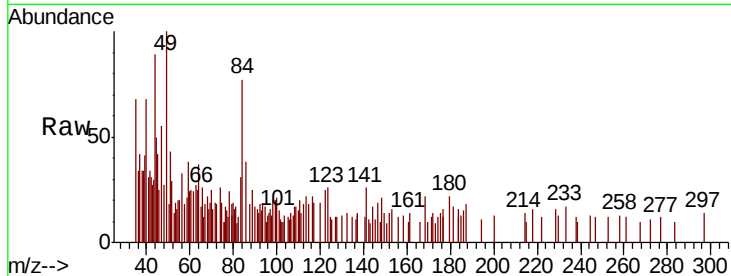




#20  
Methvlene Chloride  
Concen: 0.305 ug/l  
RT: 2.84 min Scan# 321  
Delta R.T. -0.01 min  
Lab File: VX015299.D  
Acq: 16 Mar 2020 17:05

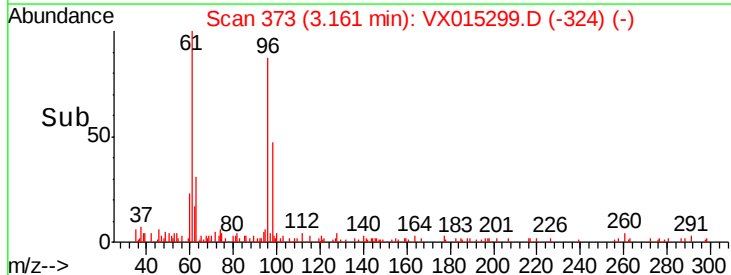
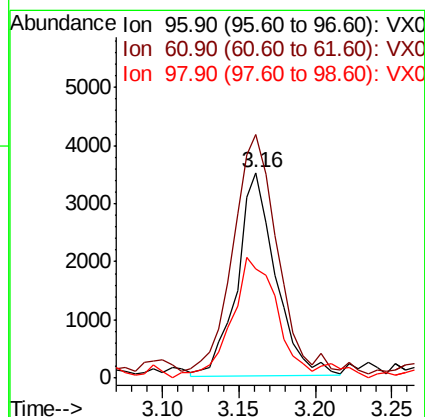
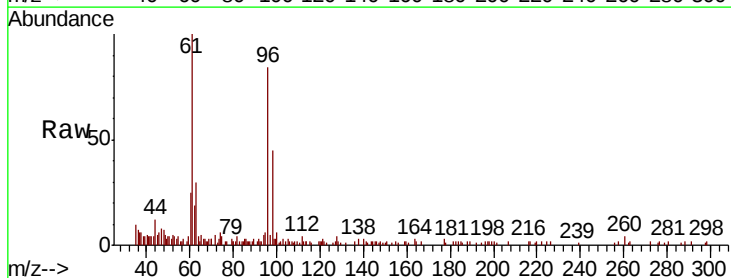
Instrument :  
MSVOA\_X  
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RE104D2-20200312

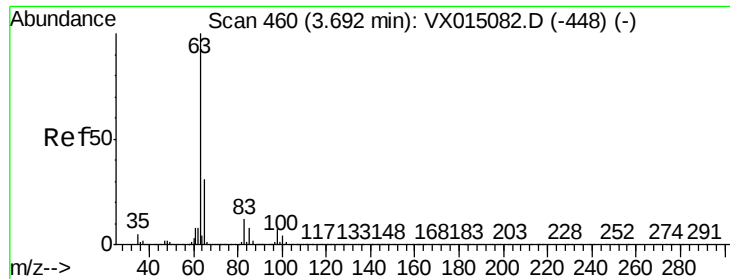
Tot Ion: 84 Resp: 1093  
Ion Ratio Lower Upper  
84 100  
49 103.1 99.4 149.2  
51 25.4 31.5 47.3#  
86 29.6 51.6 77.4#



#21  
trans-1,2-Dichloroethene  
Concen: 1.834 ug/l  
RT: 3.16 min Scan# 373  
Delta R.T. 0.00 min  
Lab File: VX015299.D  
Acq: 16 Mar 2020 17:05

Tgt Ion: 96 Resp: 6063  
Ion Ratio Lower Upper  
96 100  
61 116.9 109.9 164.9  
98 51.6 50.2 75.2





#24

1,1-Dichloroethane

Concen: 1.374 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015299.D

Acq: 16 Mar 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

RE104D2-20200312

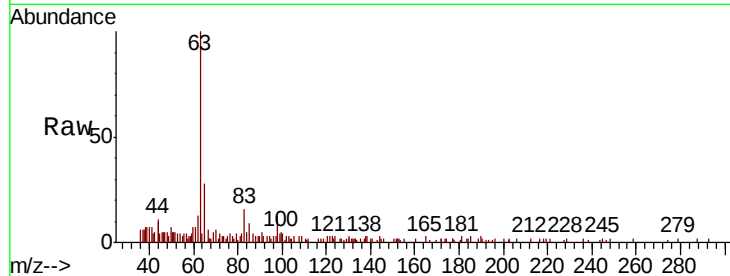
Tot Ion: 63 Resp: 8200

Ion Ratio Lower Upper

63 100

98 11.6 3.7 11.1#

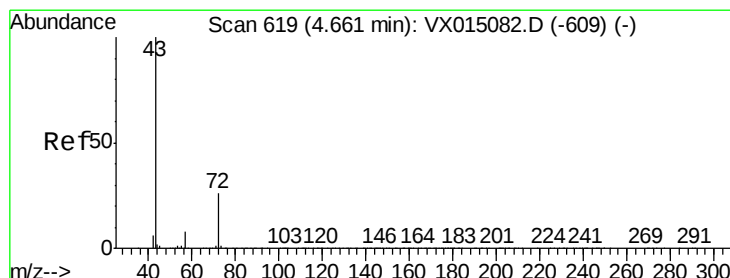
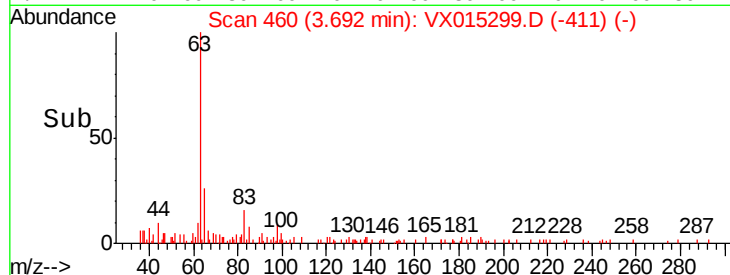
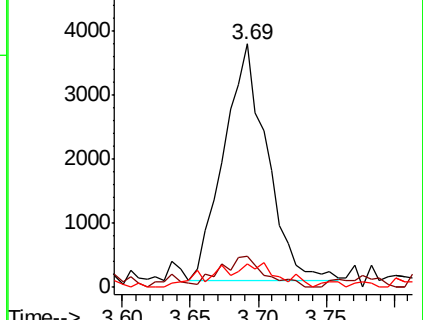
100 7.7 2.1 6.5#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#25

2-Butanone

Concen: 0.236 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX015299.D

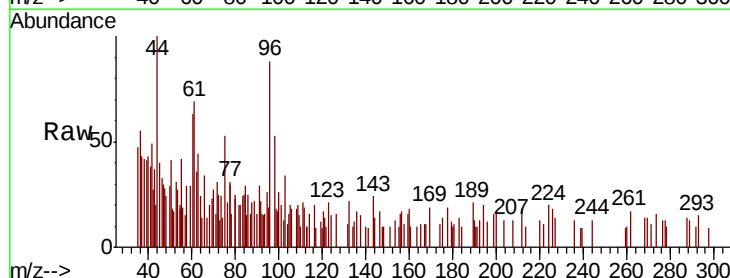
Acq: 16 Mar 2020 17:05

Tgt Ion: 43 Resp: 528

Ion Ratio Lower Upper

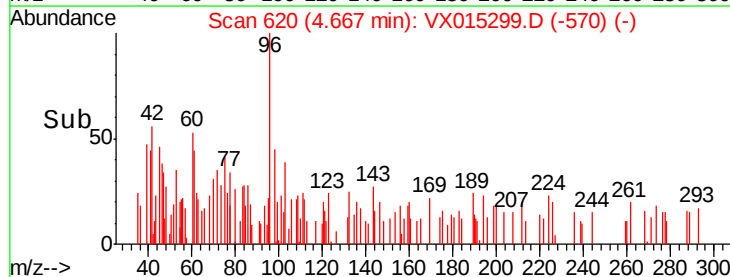
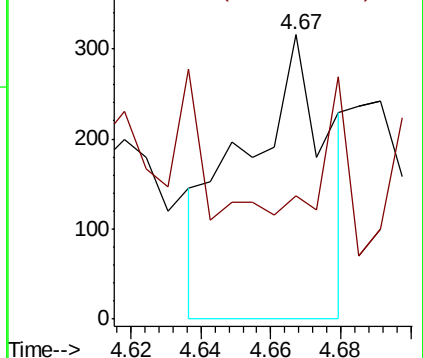
43 100

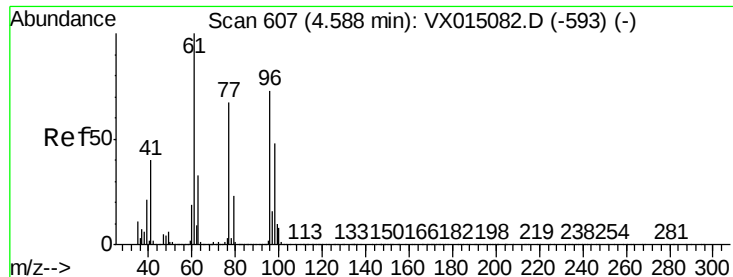
72 0.0 20.6 30.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



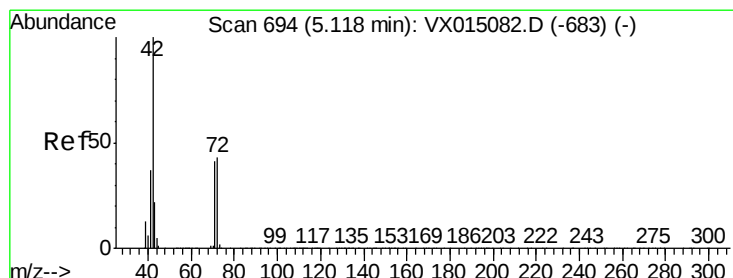
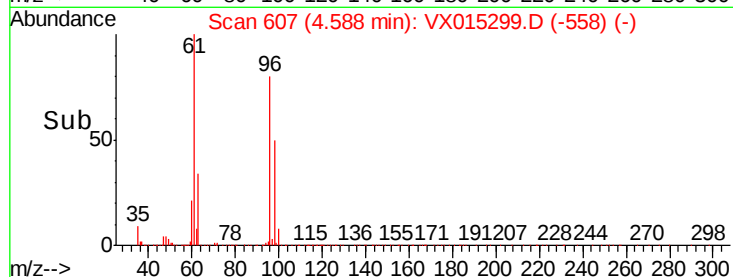
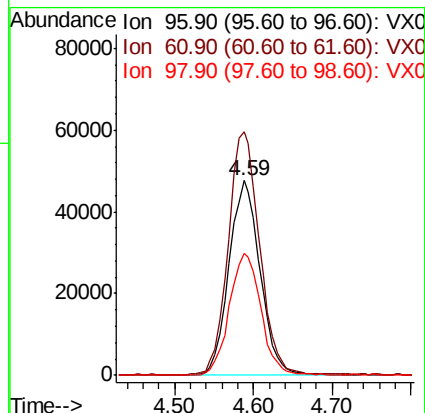
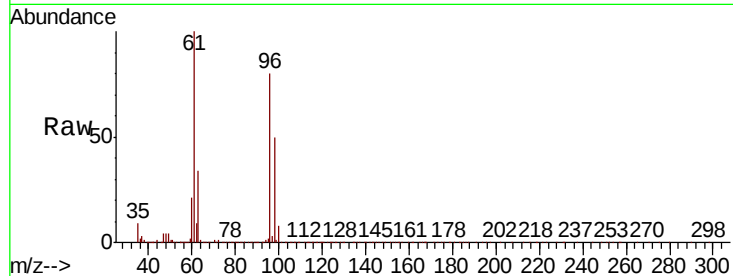


#27

cis-1,2-Dichloroethene  
Concen: 35.232 ug/l  
RT: 4.59 min Scan# 607  
Delta R.T. 0.00 min  
Lab File: VX015299.D  
Acq: 16 Mar 2020 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE104D2-20200312

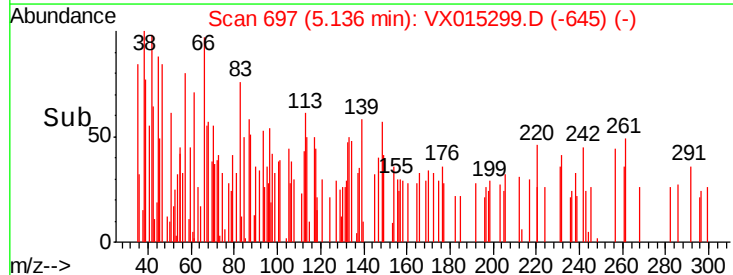
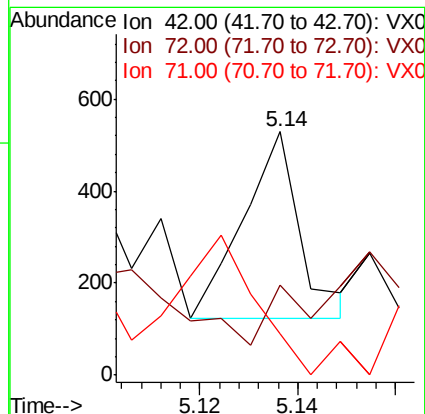
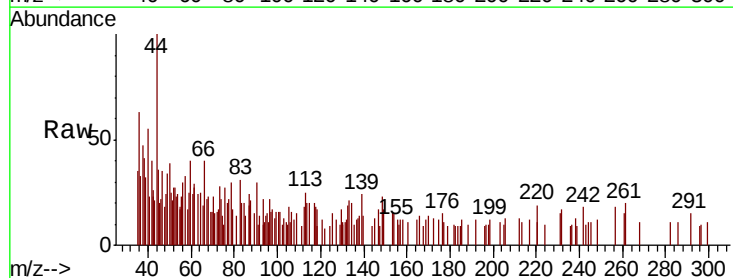
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 126.3 | 0.0   | 286.8 |
| 98      | 62.7  | 0.0   | 128.4 |

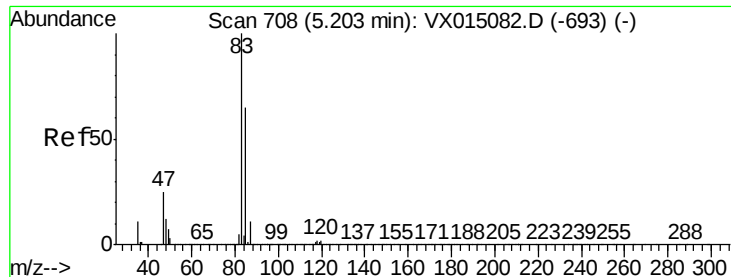


#29

Tetrahydrofuran  
Concen: 0.228 ug/l  
RT: 5.14 min Scan# 697  
Delta R.T. 0.02 min  
Lab File: VX015299.D  
Acq: 16 Mar 2020 17:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 0.0   | 36.4  | 54.6# |
| 71      | 101.8 | 33.3  | 49.9# |





#30

Chloroform

Concen: 3.792 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX015299.D

Acq: 16 Mar 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

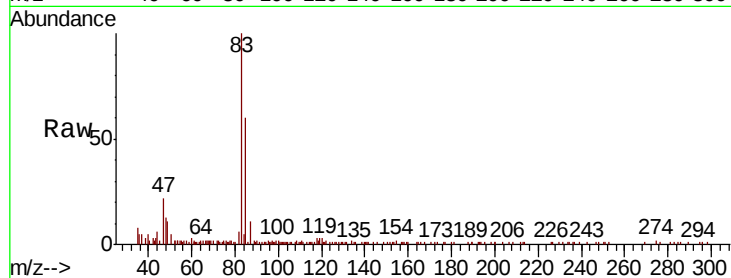
RE104D2-20200312

Tot Ion: 83 Resp: 22058

Ion Ratio Lower Upper

83 100

85 59.7 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

5.20

8000

6000

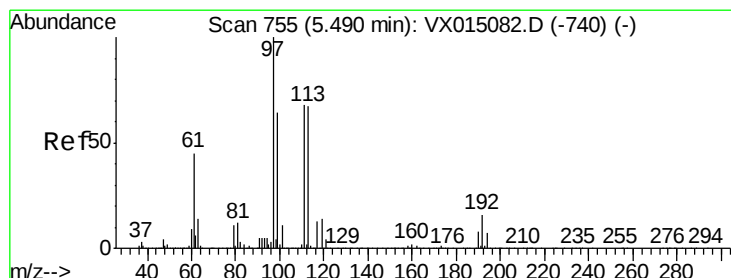
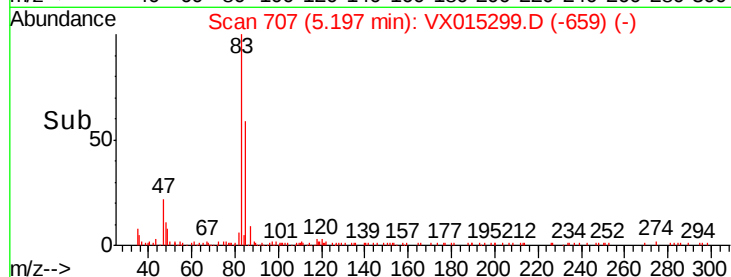
4000

2000

0

5.10 5.20 5.30

Time-->



#32

1,1,1-Trichloroethane

Concen: 0.324 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015299.D

Acq: 16 Mar 2020 17:05

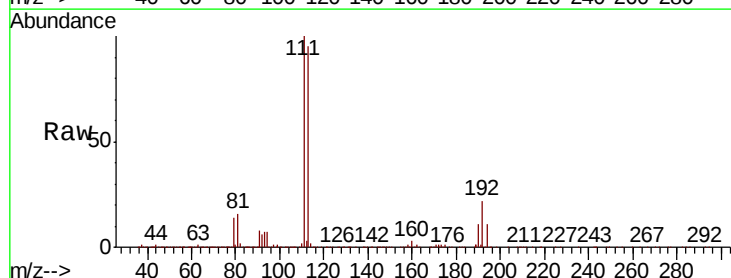
Tgt Ion: 97 Resp: 1564

Ion Ratio Lower Upper

97 100

99 0.0 52.8 79.2#

61 34.9 36.6 54.8#



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

800

600

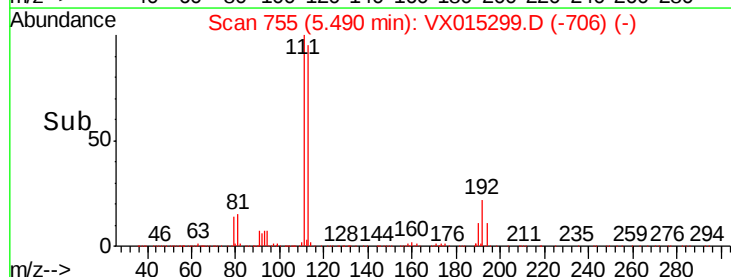
400

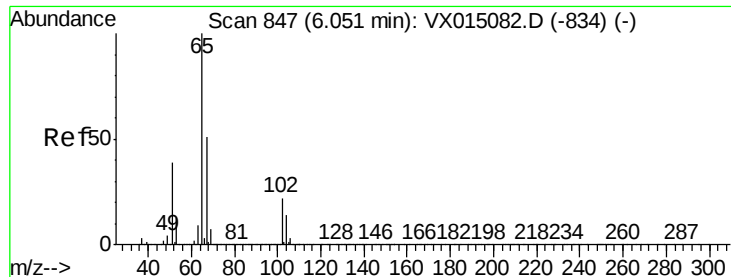
200

0

5.45 5.49 5.55

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.193 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX015299.D

Acq: 16 Mar 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

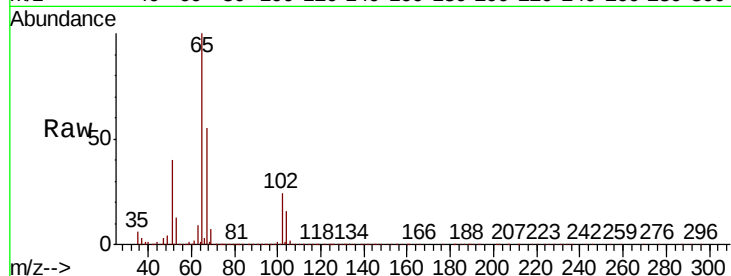
RE104D2-20200312

Tot Ion: 65 Resp: 182144

Ion Ratio Lower Upper

65 100

67 55.2 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

80000

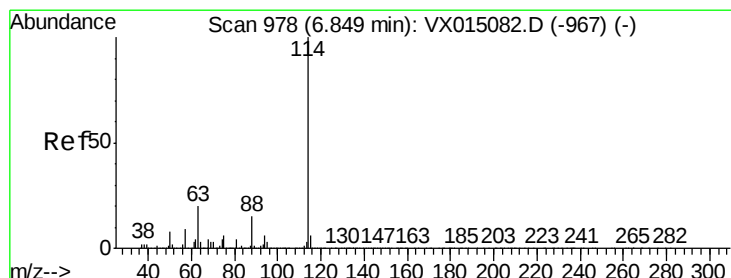
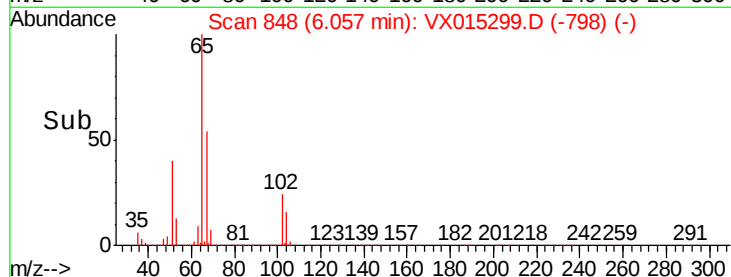
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX015299.D

Acq: 16 Mar 2020 17:05

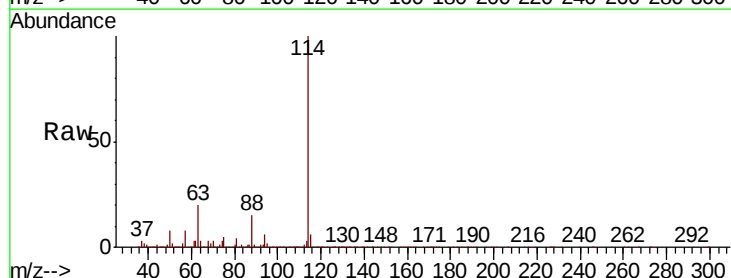
Tgt Ion: 114 Resp: 520164

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

88 14.9 0.0 30.6



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

6.86

300000

250000

200000

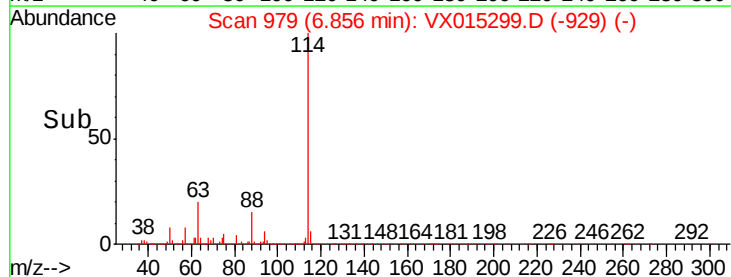
150000

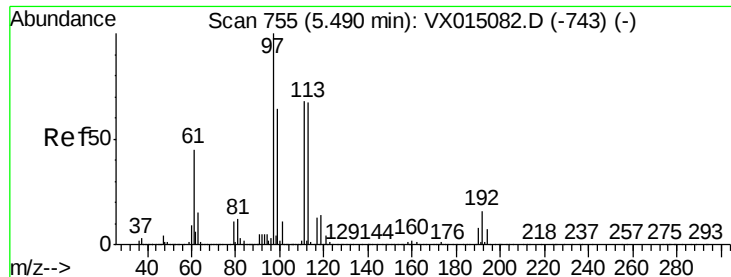
100000

50000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 48.339 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015299.D

Acq: 16 Mar 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

RE104D2-20200312

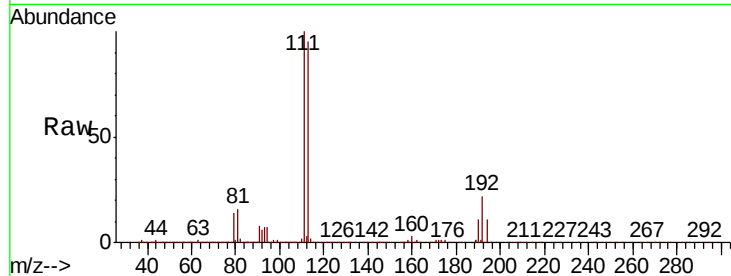
Tot Ion:113 Resp: 158627

Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

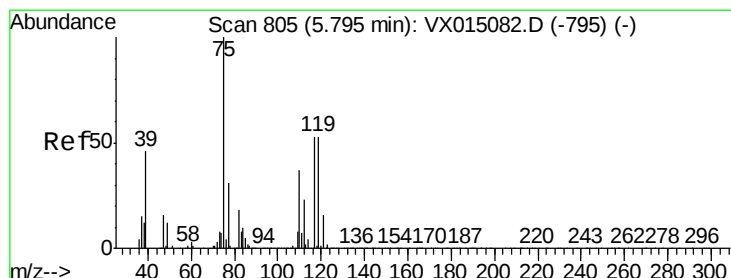
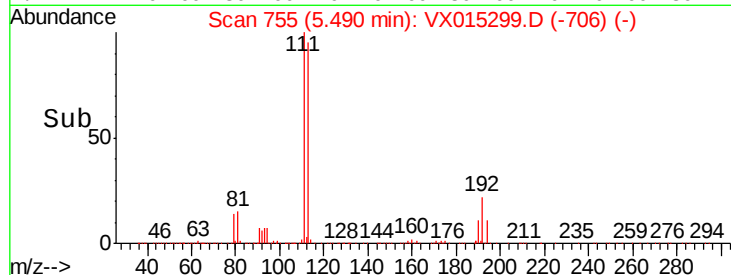
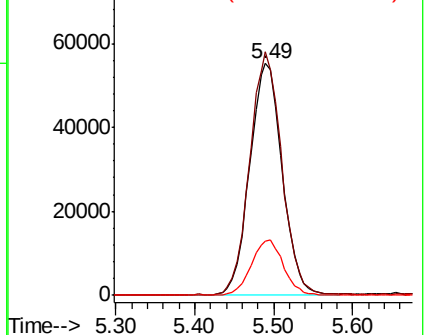
192 23.9 18.6 28.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.859 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.15 min

Lab File: VX015299.D

Acq: 16 Mar 2020 17:05

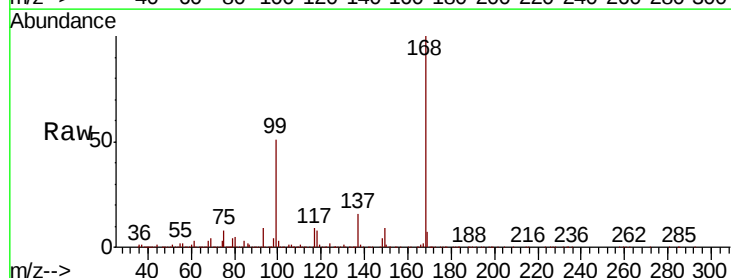
Tgt Ion: 75 Resp: 23366

Ion Ratio Lower Upper

75 100

110 8.6 17.9 53.8#

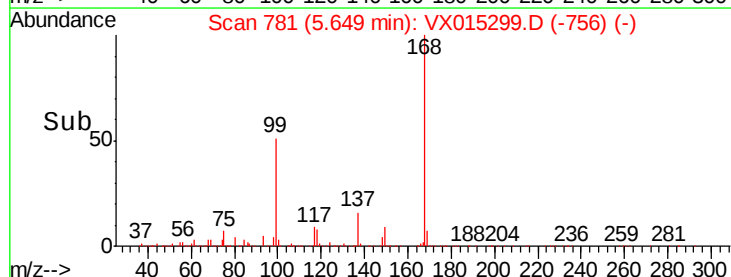
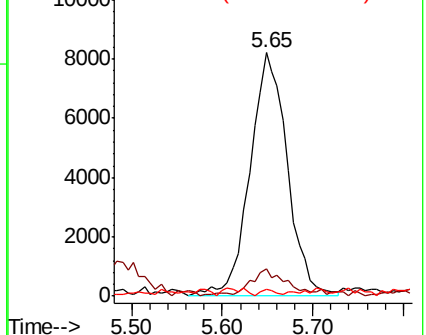
77 1.1 24.8 37.2#

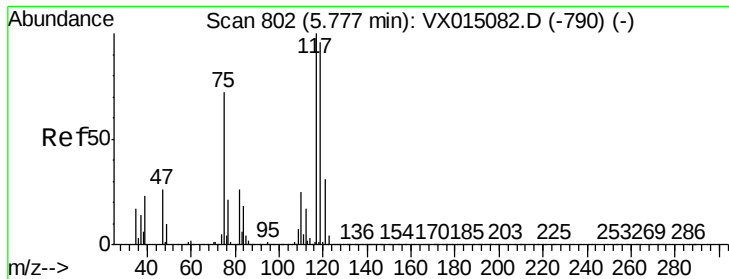


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.070 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX015299.D

Acq: 16 Mar 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

RE104D2-20200312

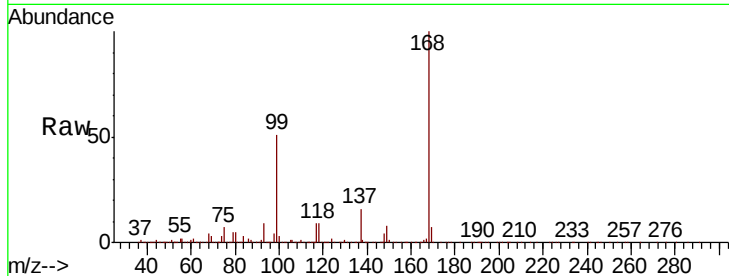
Tot Ion:117 Resp: 27552

Ion Ratio Lower Upper

117 100

119 5.0 76.9 115.3#

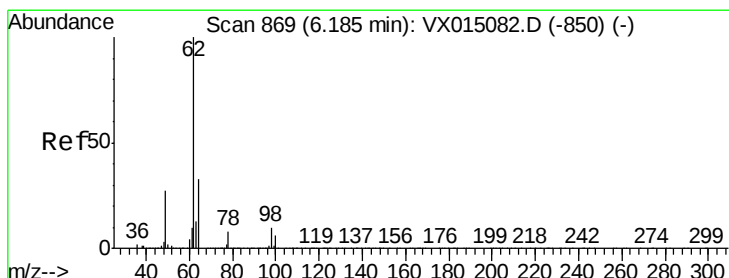
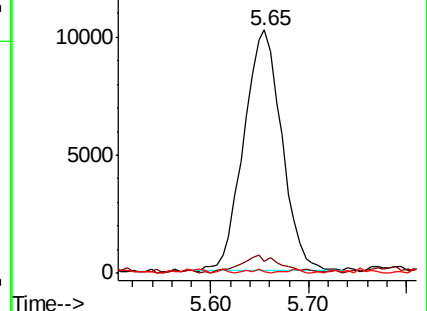
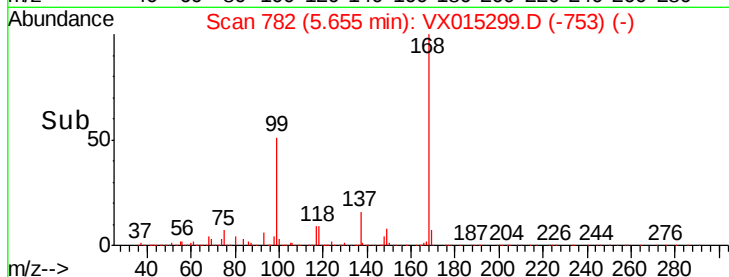
121 0.0 24.6 37.0#



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



#42

1,2-Dichloroethane

Concen: 1.706 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX015299.D

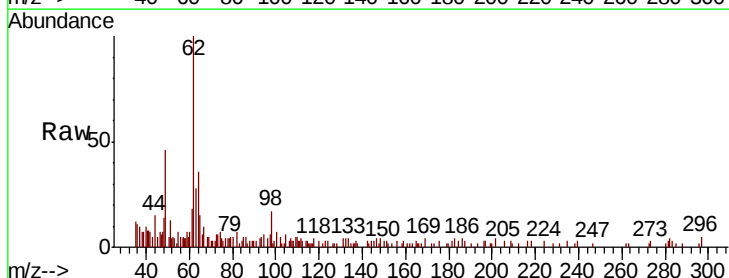
Acq: 16 Mar 2020 17:05

Tgt Ion: 62 Resp: 8360

Ion Ratio Lower Upper

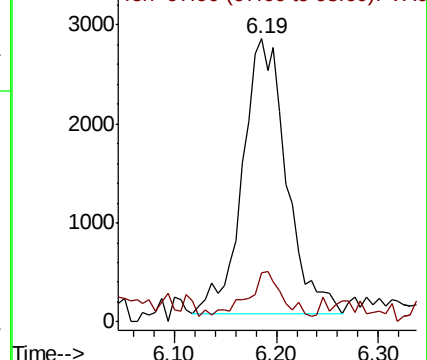
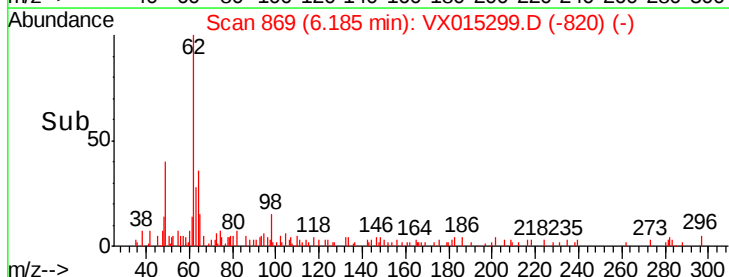
62 100

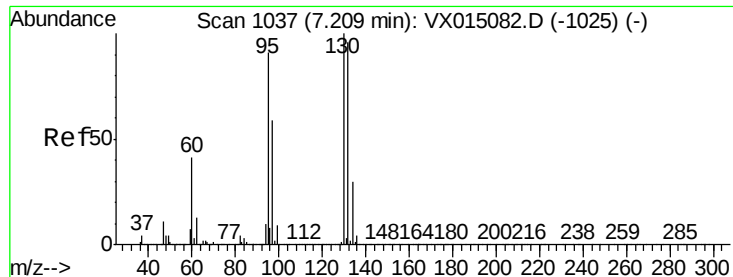
98 13.6 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#44

Trichloroethene

Concen: 221.103 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX015299.D

Acq: 16 Mar 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

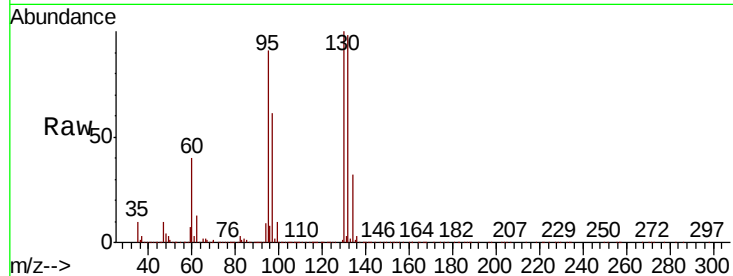
RE104D2-20200312

Tot Ion:130 Resp: 878486

Ion Ratio Lower Upper

130 100

95 91.4 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

400000

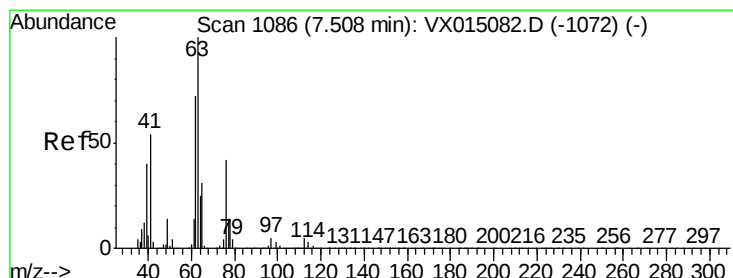
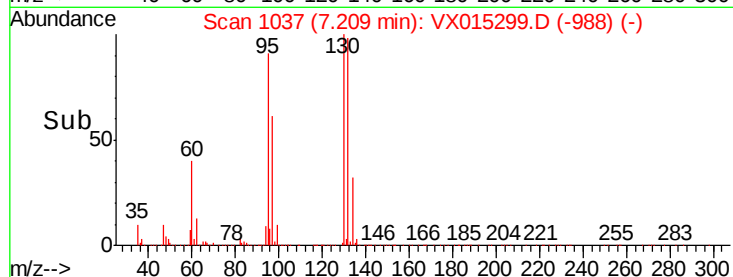
300000

200000

100000

0

Time-->



#45

1,2-Dichloropropane

Concen: 0.275 ug/l

RT: 7.51 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX015299.D

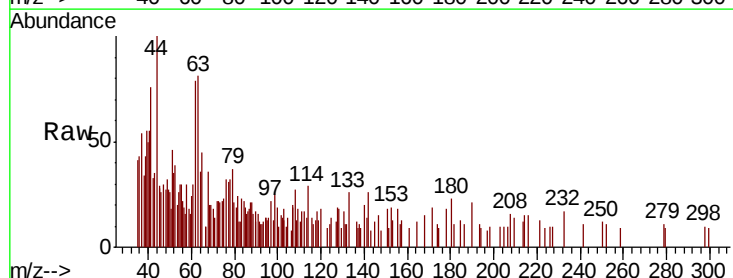
Acq: 16 Mar 2020 17:05

Tgt Ion: 63 Resp: 1016

Ion Ratio Lower Upper

63 100

65 74.0 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

500

400

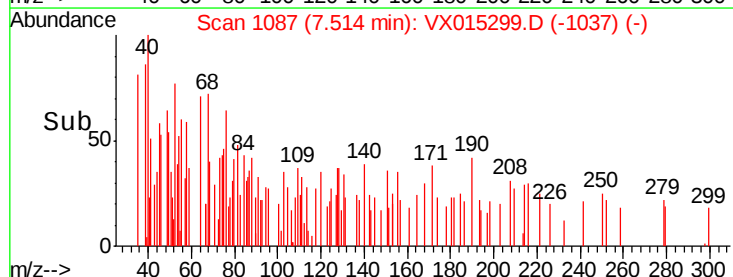
300

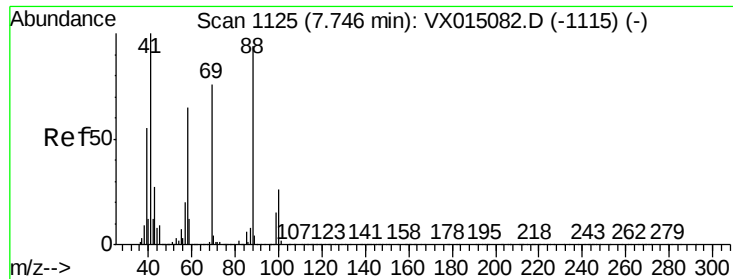
200

100

0

Time-->

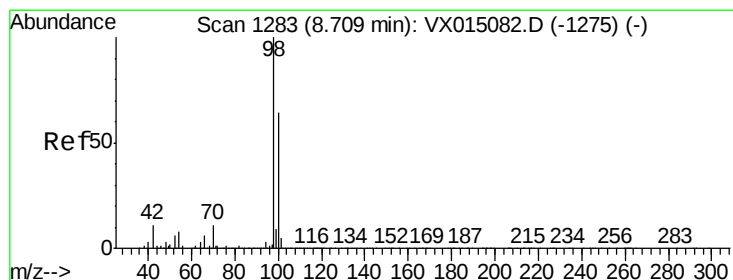
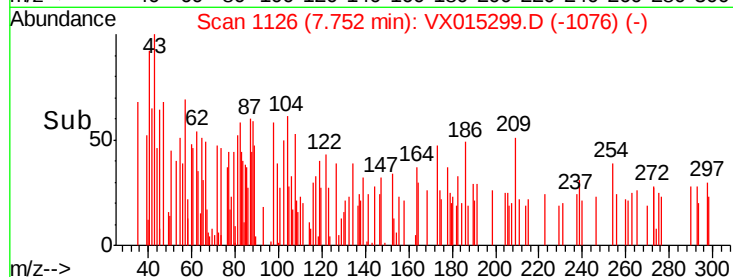
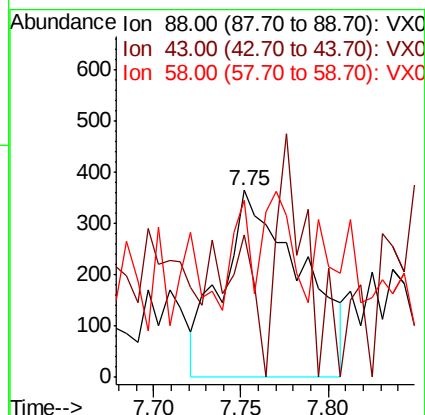
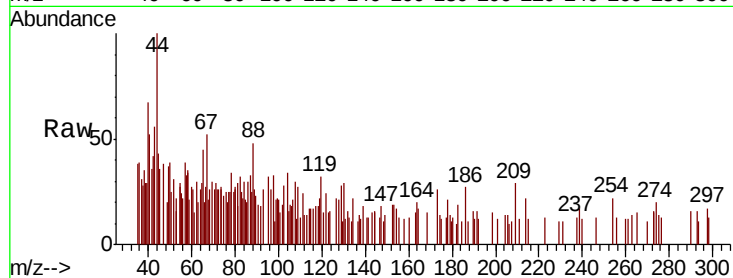




#49  
1,4-Dioxane  
Concen: 13.271 ug/l  
RT: 7.75 min Scan# 1126  
Delta R.T. 0.01 min  
Lab File: VX015299.D  
Acq: 16 Mar 2020 17:05

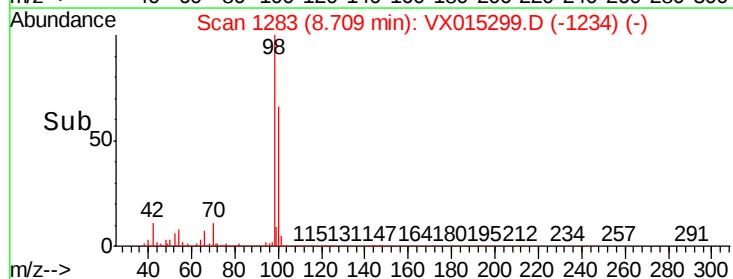
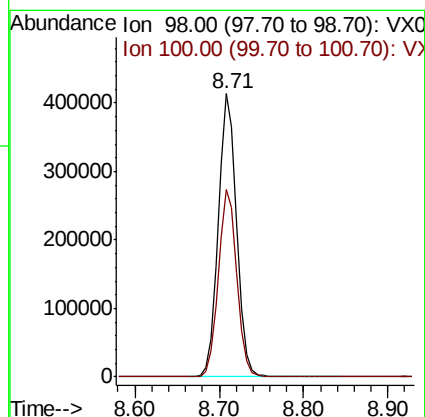
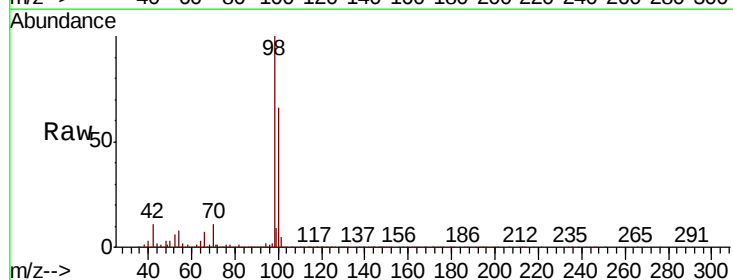
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE104D2-20200312

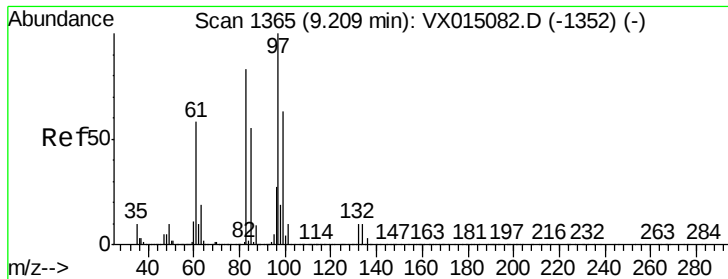
Tot Ion: 88 Resp: 1146  
Ion Ratio Lower Upper  
88 100  
43 0.0 27.0 40.4#  
58 12.7 55.6 83.4#



#50  
Toluene-d8  
Concen: 49.980 ug/l  
RT: 8.71 min Scan# 1283  
Delta R.T. 0.00 min  
Lab File: VX015299.D  
Acq: 16 Mar 2020 17:05

Tgt Ion: 98 Resp: 623885  
Ion Ratio Lower Upper  
98 100  
100 66.3 52.4 78.6





#55

1,1,2-Trichloroethane

Concen: 0.237 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX015299.D

Acq: 16 Mar 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

RE104D2-20200312

Tot Ion: 97 Resp: 852

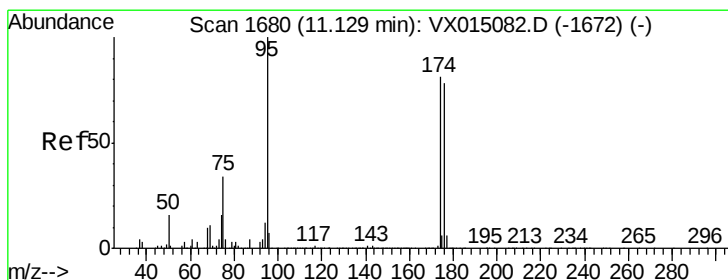
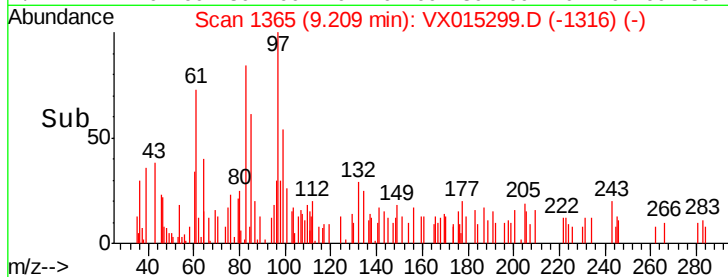
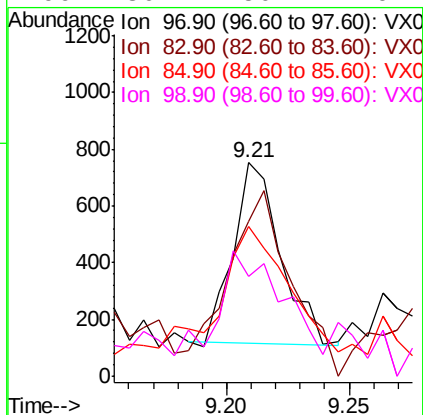
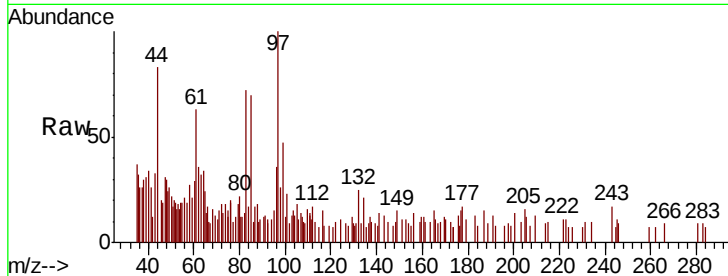
Ion Ratio Lower Upper

97 100

83 86.2 66.4 99.6

85 69.8 43.5 65.3#

99 30.1 50.7 76.1#



#62

4-Bromofluorobenzene

Concen: 53.589 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015299.D

Acq: 16 Mar 2020 17:05

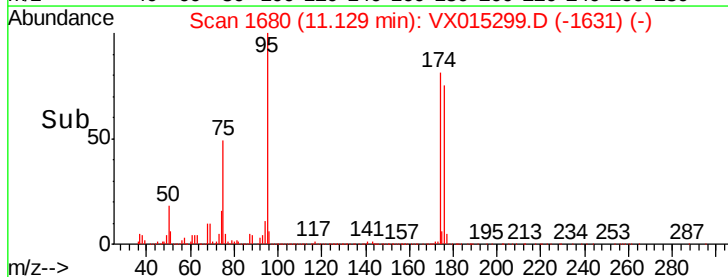
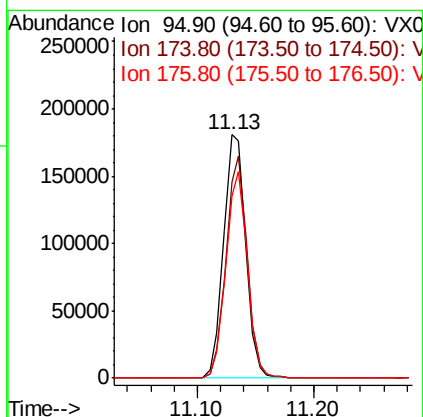
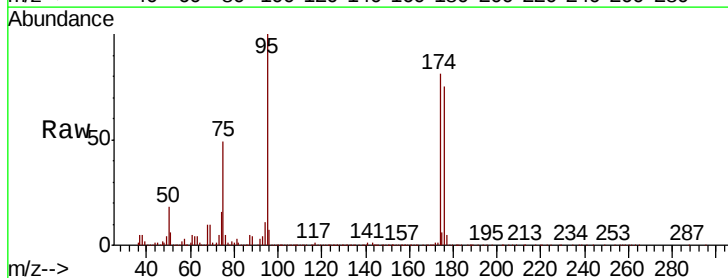
Tgt Ion: 95 Resp: 238601

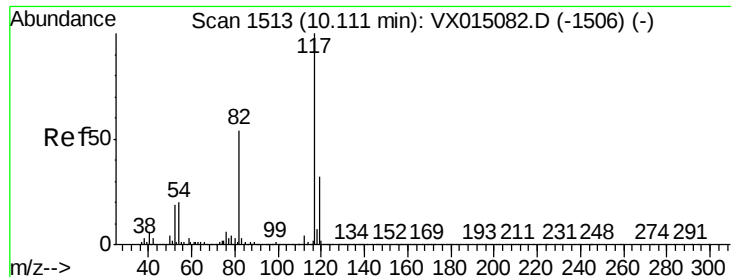
Ion Ratio Lower Upper

95 100

174 87.3 0.0 177.6

176 82.5 0.0 170.2

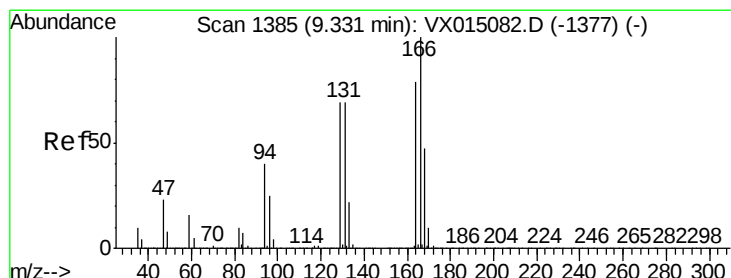
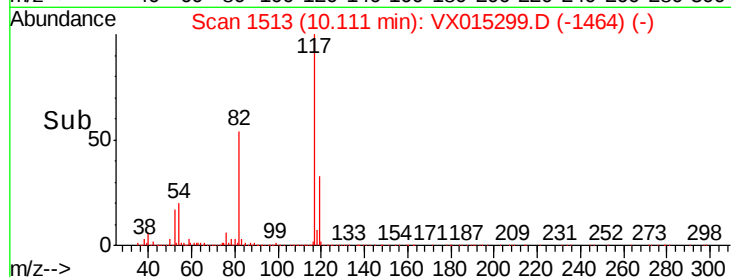
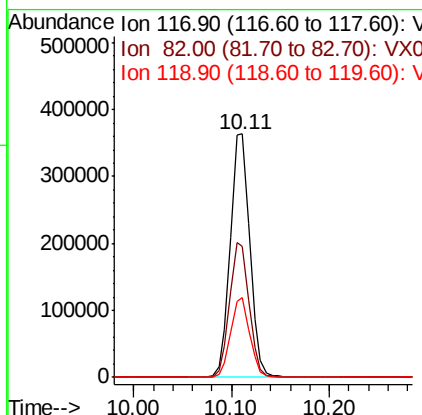
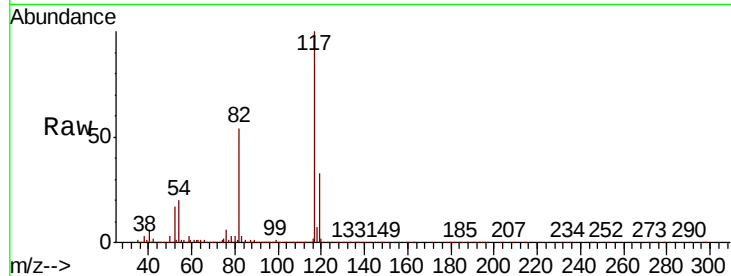




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1513  
Delta R.T. 0.00 min  
Lab File: VX015299.D  
Acq: 16 Mar 2020 17:05

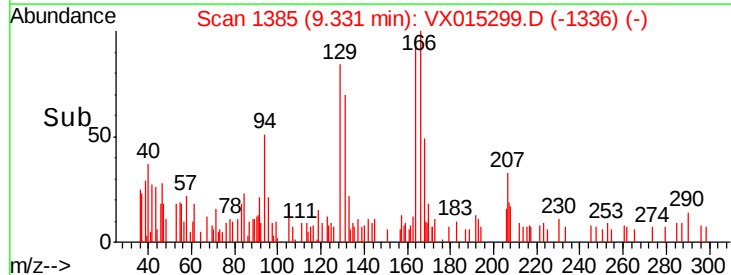
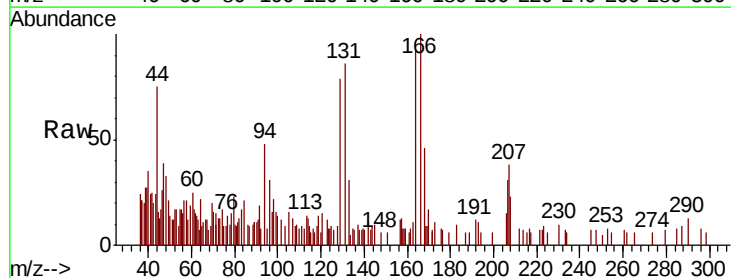
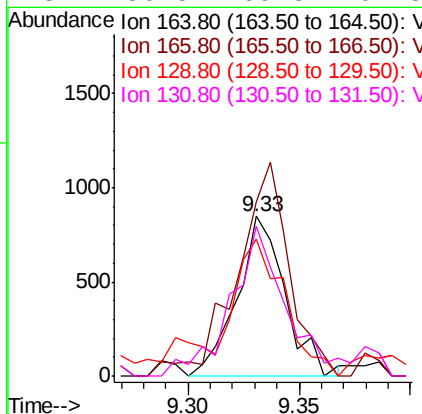
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE104D2-20200312

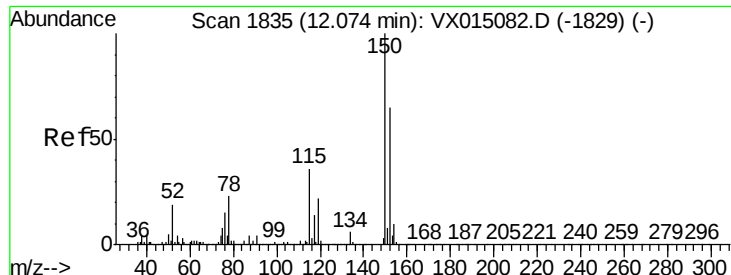
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 53.8  | 43.3  | 64.9  |
| 119     | 32.9  | 25.8  | 38.8  |



#64  
Tetrachloroethene  
Concen: 0.305 ug/l  
RT: 9.33 min Scan# 1385  
Delta R.T. 0.00 min  
Lab File: VX015299.D  
Acq: 16 Mar 2020 17:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 109.2 | 101.1 | 151.7 |
| 129     | 86.0  | 69.4  | 104.0 |
| 131     | 86.5  | 69.8  | 104.8 |





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015299.D

Acq: 16 Mar 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

RE104D2-20200312

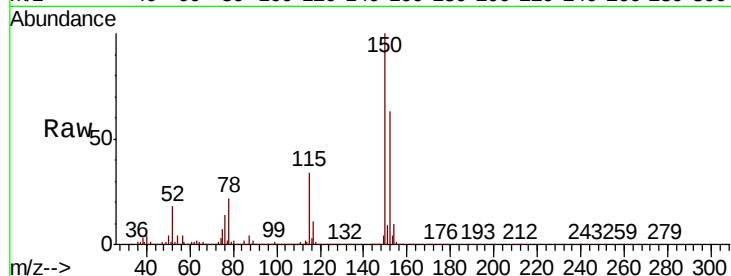
Tot Ion:152 Resp: 261287

Ion Ratio Lower Upper

152 100

115 54.8 38.2 114.6

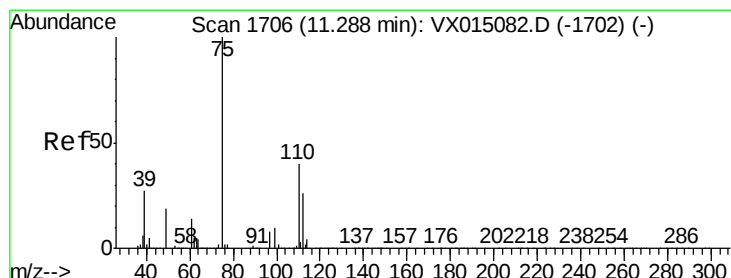
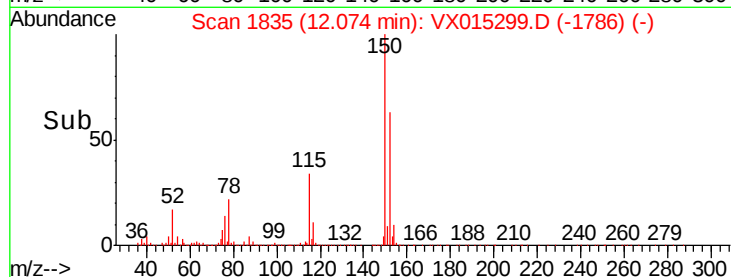
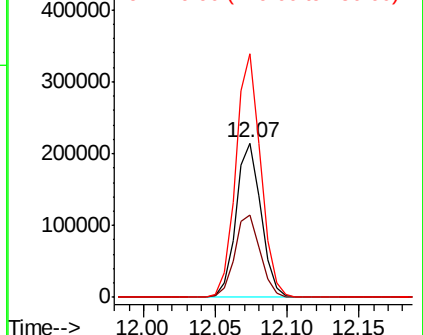
150 156.4 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 21.670 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX015299.D

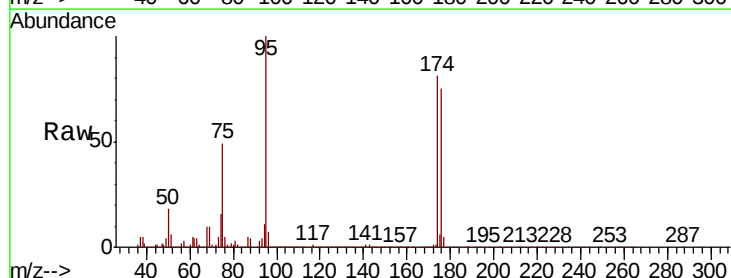
Acq: 16 Mar 2020 17:05

Tgt Ion: 75 Resp: 112941

Ion Ratio Lower Upper

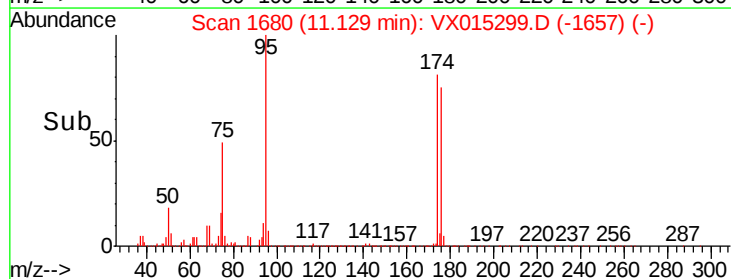
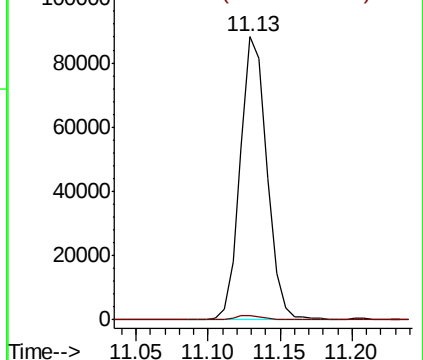
75 100

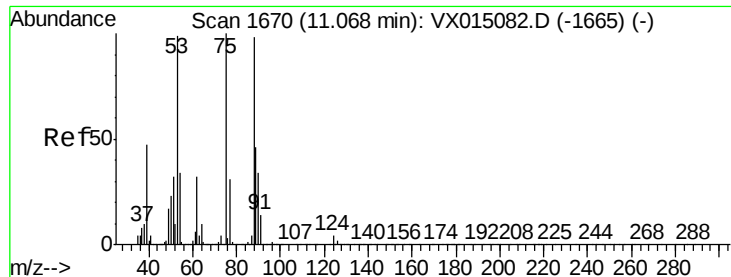
77 1.7 22.6 67.8#



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: 61.499 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX015299.D

Acq: 16 Mar 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

RE104D2-20200312

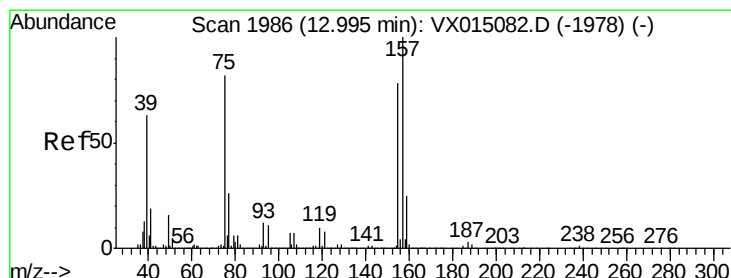
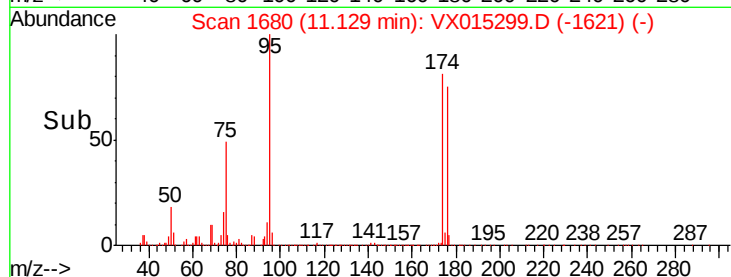
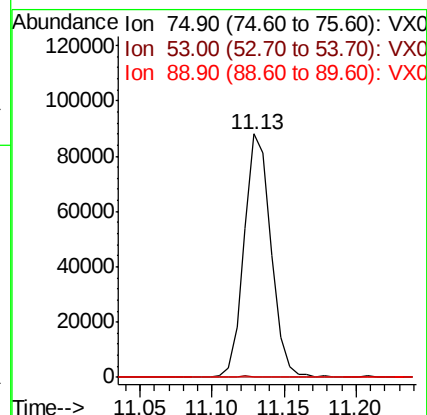
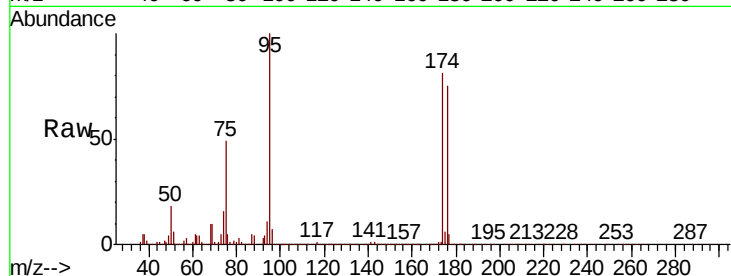
Tot Ion: 75 Resp: 112941

Ion Ratio Lower Upper

75 100

53 0.0 77.9 116.9#

89 0.2 36.2 54.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.225 ug/l

RT: 13.02 min Scan# 1990

Delta R.T. 0.02 min

Lab File: VX015299.D

Acq: 16 Mar 2020 17:05

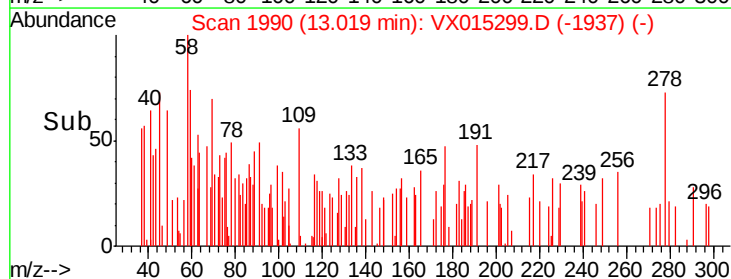
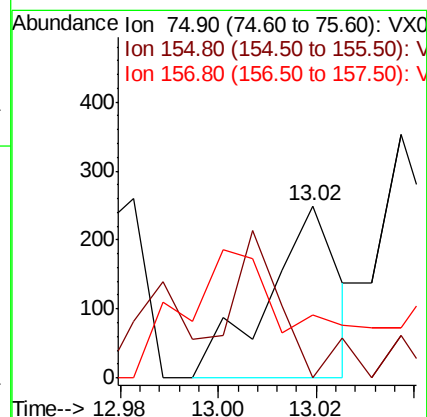
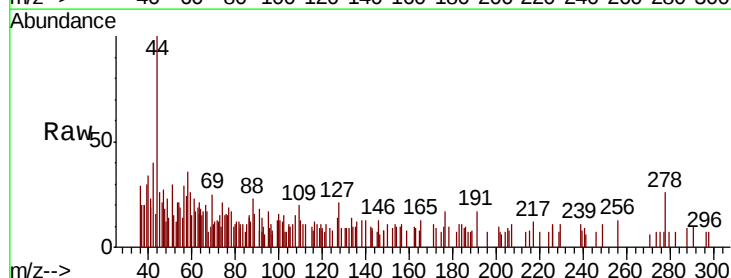
Tgt Ion: 75 Resp: 251

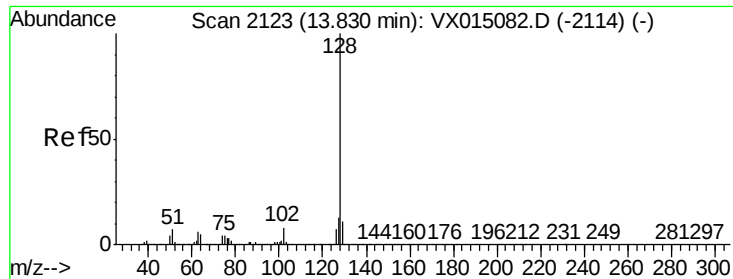
Ion Ratio Lower Upper

75 100

155 72.9 46.6 139.7

157 124.7 59.2 177.5





#95

Naphthalene

Concen: 1.450 ug/l

RT: 13.82 min Scan# 2122

Delta R.T. -0.01 min

Lab File: VX015299.D

Acq: 16 Mar 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

RE104D2-20200312

Tot Ion:128 Resp: 539

Ion Ratio Lower Upper

128 100

127 9.3 10.3 15.5#

129 0.0 8.6 13.0#

