

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091420\  
 Data File : VX018382.D  
 Acq On : 14 Sep 2020 14:19  
 Operator : JC/SP  
 Sample : L3993-14  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Sep 15 05:10:42 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X082120W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 21 03:03:56 2020  
 Response via : Initial Calibration

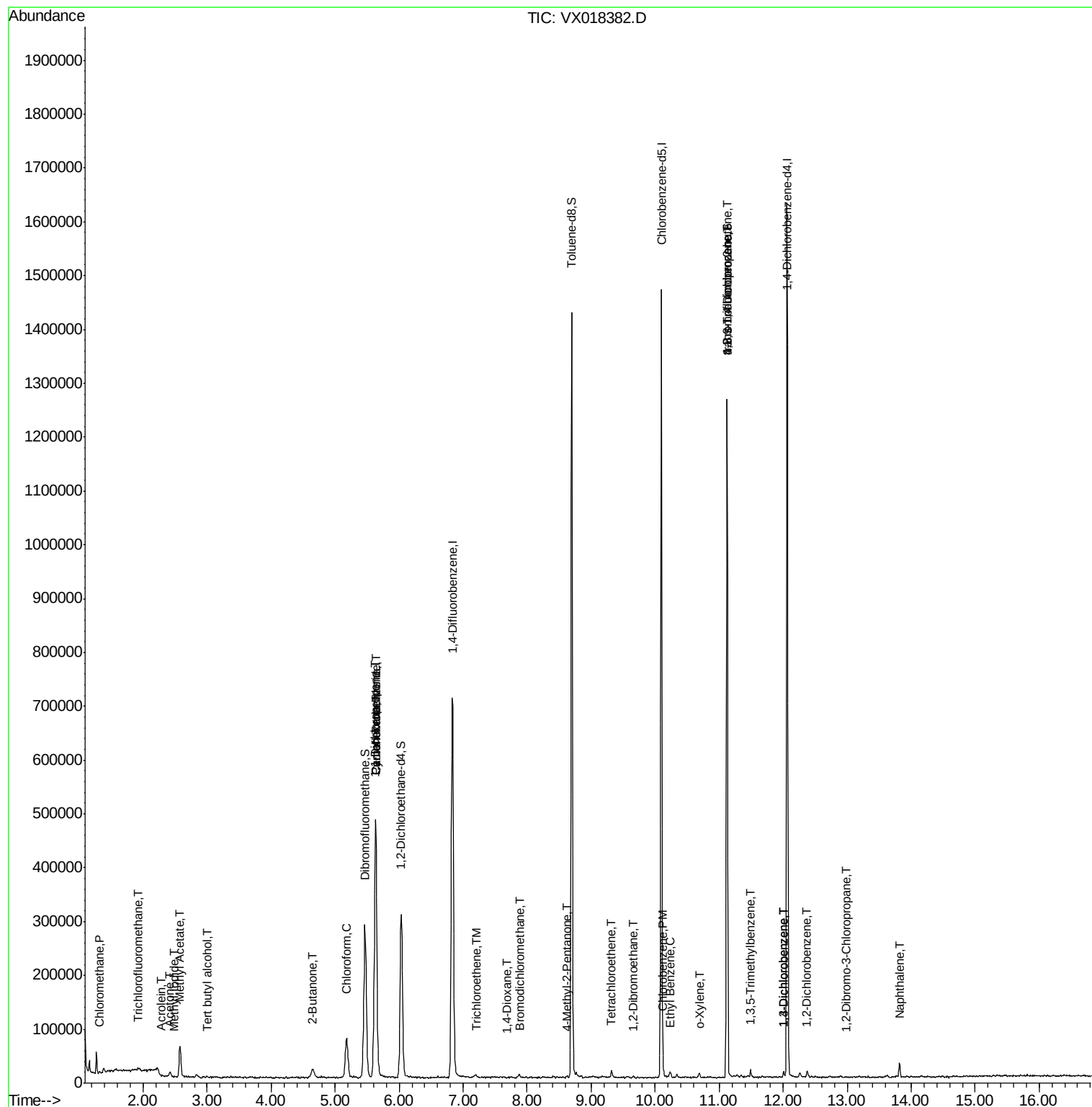
| Internal Standards             | R.T.   | QIon | Response | Conc      | Units   | Dev(Min) |
|--------------------------------|--------|------|----------|-----------|---------|----------|
| 1) Pentafluorobenzene          | 5.63   | 168  | 446602   | 50.00     | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene        | 6.83   | 114  | 700458   | 50.00     | ug/l    | 0.00     |
| 63) Chlorobenzene-d5           | 10.10  | 117  | 641929   | 50.00     | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4     | 12.06  | 152  | 325942   | 50.00     | ug/l    | 0.00     |
| System Monitoring Compounds    |        |      |          |           |         |          |
| 33) 1,2-Dichloroethane-d4      | 6.03   | 65   | 307901   | 49.66     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 99.32%  |          |
| 35) Dibromofluoromethane       | 5.46   | 113  | 241012   | 50.52     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 101.04% |          |
| 50) Toluene-d8                 | 8.70   | 98   | 838425   | 47.19     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 94.38%  |          |
| 62) 4-Bromofluorobenzene       | 11.12  | 95   | 315504   | 45.13     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 90.26%  |          |
| Target Compounds               |        |      |          |           |         |          |
|                                |        |      |          |           | Qvalue  |          |
| 3) Chloromethane               | 1.32   | 50   | 1487     | 0.259     | ug/l    | 90       |
| 7) Trichlorofluoromethane      | 1.92   | 101  | 1923     | 0.247     | ug/l #  | 81       |
| 10) Methyl Iodide              | 2.49   | 142  | 834      | 5.452     | ug/l #  | 79       |
| 11) Tert butyl alcohol         | 3.00   | 59   | 928      | 0.770     | ug/l #  | 71       |
| 13) Acrolein                   | 2.28   | 56   | 563      | 1.126     | ug/l #  | 62       |
| 16) Acetone                    | 2.42   | 43   | 8004     | 3.313     | ug/l    | 96       |
| 18) Methyl Acetate             | 2.58   | 43   | 17304    | 2.968     | ug/l #  | 55       |
| 20) Methylene Chloride         | 2.83   | 84   | 2266     | Below Cal | #       | 78       |
| 25) 2-Butanone                 | 4.64   | 43   | 1649     | 0.415     | ug/l #  | 52       |
| 30) Chloroform                 | 5.18   | 83   | 86983    | 9.535     | ug/l    | 95       |
| 31) Cyclohexane                | 5.63   | 56   | 10552    | 1.422     | ug/l #  | 48       |
| 36) 1,1-Dichloropropene        | 5.62   | 75   | 33185    | 5.136     | ug/l #  | 53       |
| 38) Carbon Tetrachloride       | 5.63   | 117  | 47243    | 6.489     | ug/l #  | 17       |
| 44) Trichloroethene            | 7.21   | 130  | 1954     | 0.364     | ug/l    | 60       |
| 47) Bromodichloromethane       | 7.88   | 83   | 3192     | 0.444     | ug/l #  | 82       |
| 49) 1,4-Dioxane                | 7.68   | 88   | 85       | 0.778     | ug/l #  | 1        |
| 51) 4-Methyl-2-Pentanone       | 8.63   | 43   | 2296     | 0.307     | ug/l    | 89       |
| 61) 1,2-Dibromoethane          | 9.66   | 107  | 1206     | 0.216     | ug/l    | 82       |
| 64) Tetrachloroethene          | 9.32   | 164  | 2218     | 0.470     | ug/l #  | 68       |
| 65) Chlorobenzene              | 10.13  | 112  | 3292     | 0.257     | ug/l    | 93       |
| 67) Ethyl Benzene              | 10.24  | 91   | 5573     | 0.256     | ug/l    | 94       |
| 69) o-Xylene                   | 10.69  | 106  | 1682     | 0.213     | ug/l    | 53       |
| 76) 1,2,3-Trichloropropane     | 11.12  | 75   | 164391   | 22.672    | ug/l #  | 36       |
| 80) 1,3,5-Trimethylbenzene     | 11.49  | 105  | 5076     | 0.287     | ug/l    | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.12  | 75   | 164391   | 61.234    | ug/l #  | 12       |
| 87) 1,3-Dichlorobenzene        | 12.01  | 146  | 3576     | 0.343     | ug/l    | 97       |
| 88) 1,4-Dichlorobenzene        | 12.01  | 146  | 3576     | 0.342     | ug/l    | 97       |
| 91) 1,2-Dichlorobenzene        | 12.38  | 146  | 2915     | 0.297     | ug/l    | 93       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99  | 75   | 764      | 0.403     | ug/l #  | 38       |
| 95) Naphthalene                | 13.82  | 128  | 15245    | 0.707     | ug/l #  | 91       |

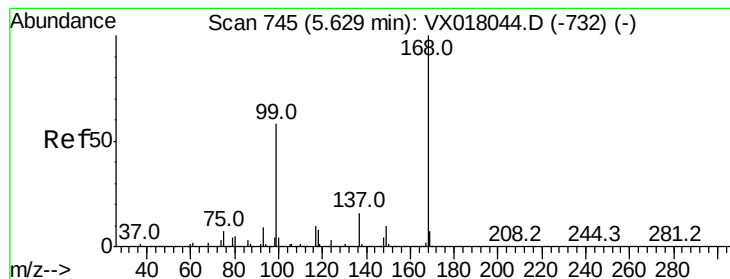
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091420\  
Data File : VX018382.D  
Acq On : 14 Sep 2020 14:19  
Operator : JC/SP  
Sample : L3993-14  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampled :

Quant Time: Sep 15 05:10:42 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X082120W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 21 03:03:56 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018382.D

Acq: 14 Sep 2020 14:19

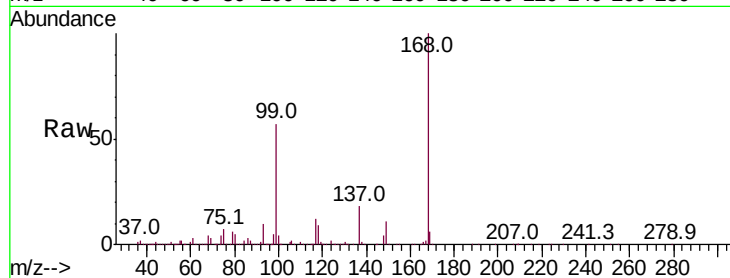
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:168 Resp: 446602

Ion Ratio Lower Upper

168 100

99 57.5 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

100000

50000

0

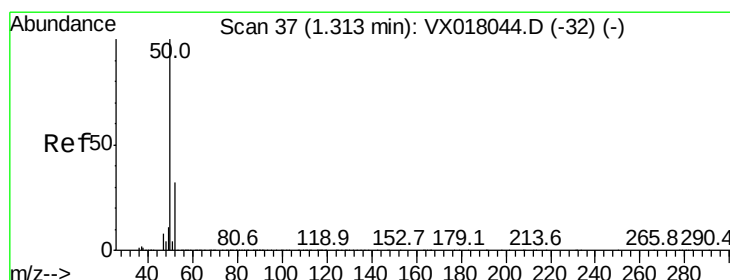
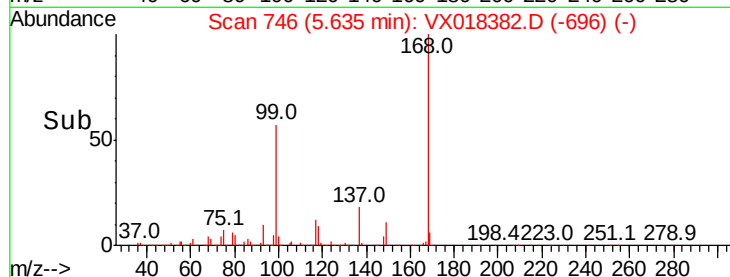
Time-->

5.50

5.60

5.70

5.80



#3

Chloromethane

Concen: 0.259 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX018382.D

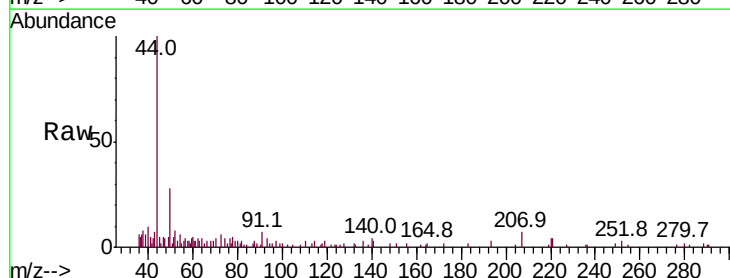
Acq: 14 Sep 2020 14:19

Tgt Ion: 50 Resp: 1487

Ion Ratio Lower Upper

50 100

52 37.2 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

1500

1000

500

0

Time-->

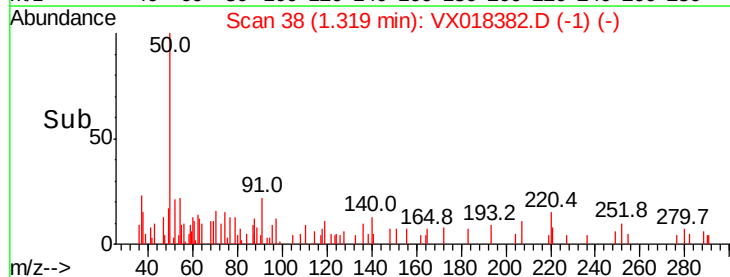
1.28

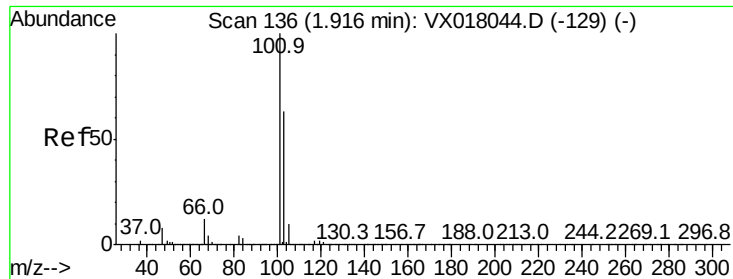
1.30

1.32

1.34

1.36



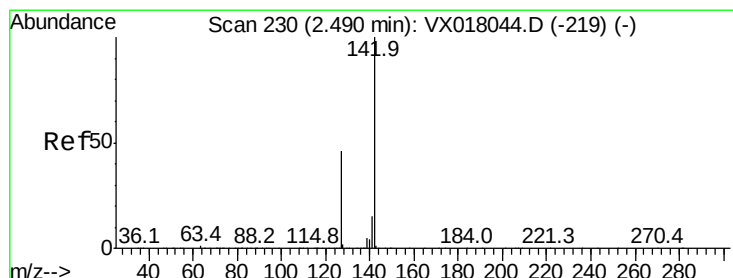
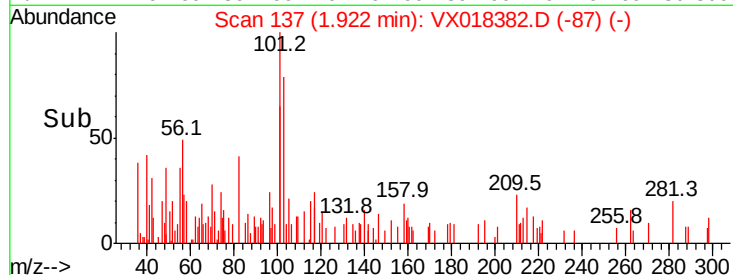
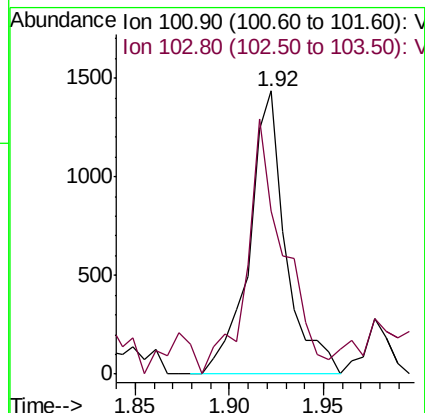
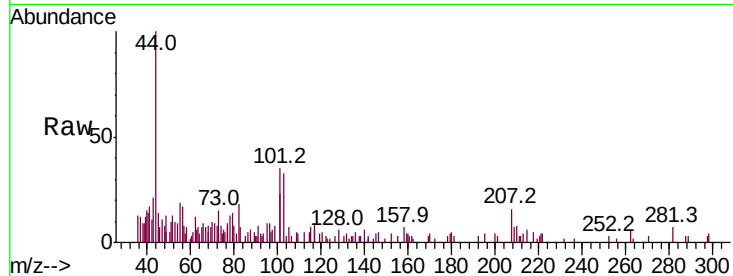


#7

Trichlorofluoromethane  
 Concen: 0.247 ug/l  
 RT: 1.92 min Scan# 137  
 Delta R.T. 0.01 min  
 Lab File: VX018382.D  
 Acq: 14 Sep 2020 14:19

Instrument :  
 MSVOA\_X  
 ClientSampleId :

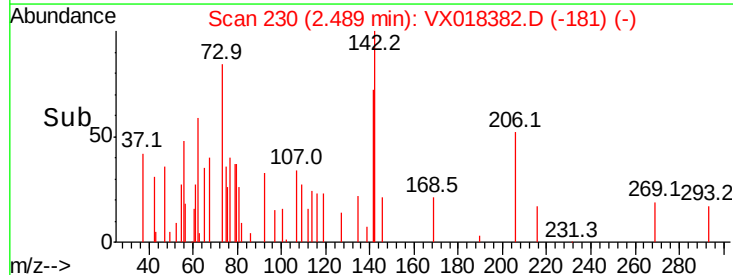
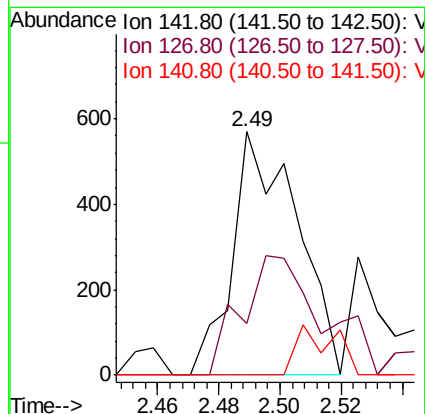
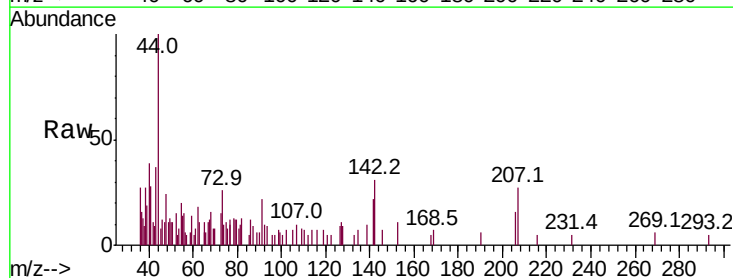
Tot Ion:101 Resp: 1923  
 Ion Ratio Lower Upper  
 101 100  
 103 48.6 50.7 76.1#

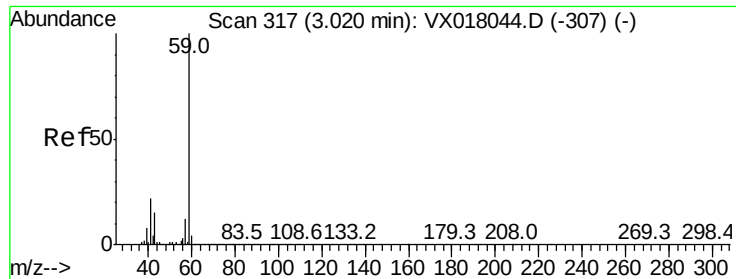


#10

Methyl Iodide  
 Concen: 5.452 ug/l  
 RT: 2.49 min Scan# 230  
 Delta R.T. 0.00 min  
 Lab File: VX018382.D  
 Acq: 14 Sep 2020 14:19

Tgt Ion:142 Resp: 834  
 Ion Ratio Lower Upper  
 142 100  
 127 63.3 37.0 55.6#  
 141 12.0 11.5 17.3



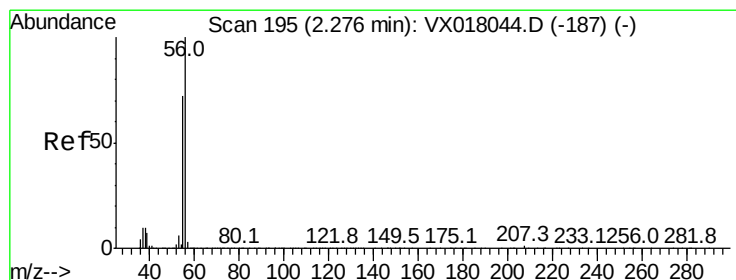
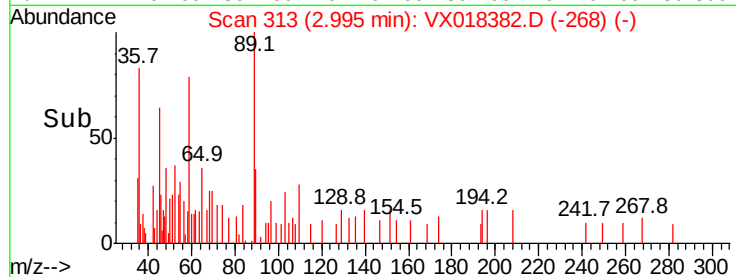
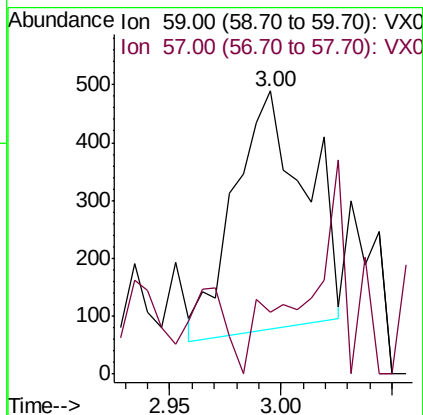
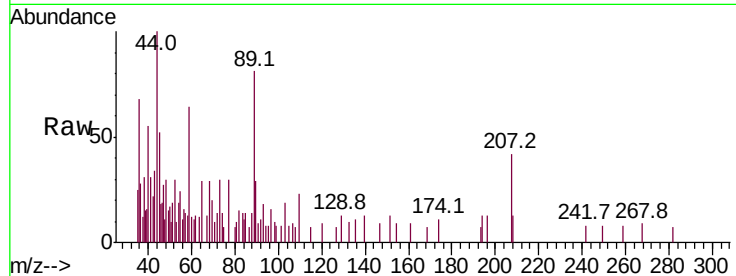


#11

Tert butyl alcohol  
Concen: 0.770 ug/l  
RT: 3.00 min Scan# 313  
Delta R.T. -0.02 min  
Lab File: VX018382.D  
Acq: 14 Sep 2020 14:19

Instrument :  
MSVOA\_X  
ClientSampled :

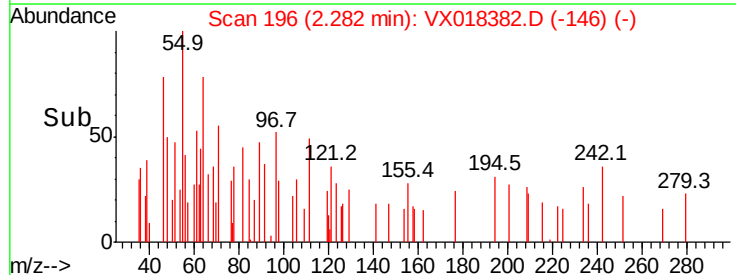
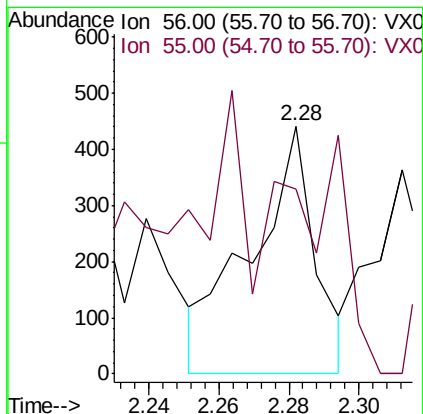
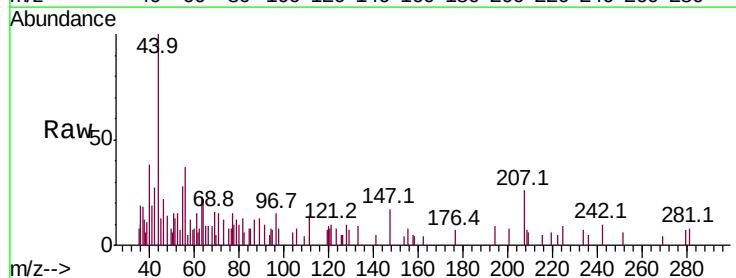
Tot Ion: 59 Resp: 928  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.9 13.3#

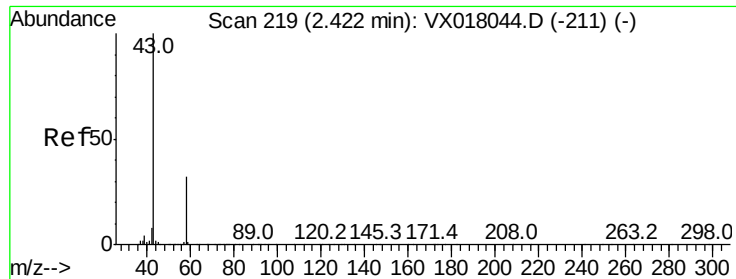


#13

Acrolein  
Concen: 1.126 ug/l  
RT: 2.28 min Scan# 196  
Delta R.T. 0.01 min  
Lab File: VX018382.D  
Acq: 14 Sep 2020 14:19

Tgt Ion: 56 Resp: 563  
Ion Ratio Lower Upper  
56 100  
55 39.4 57.0 85.6#

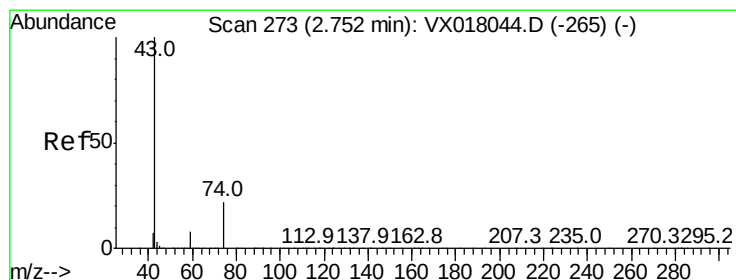
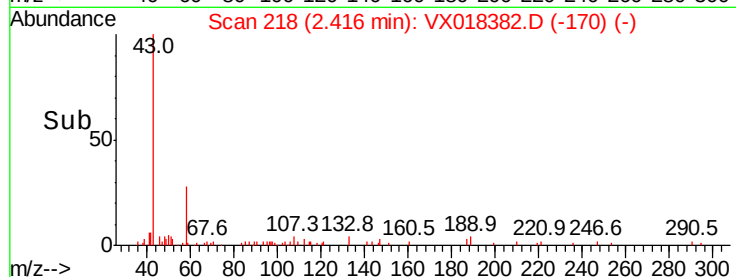
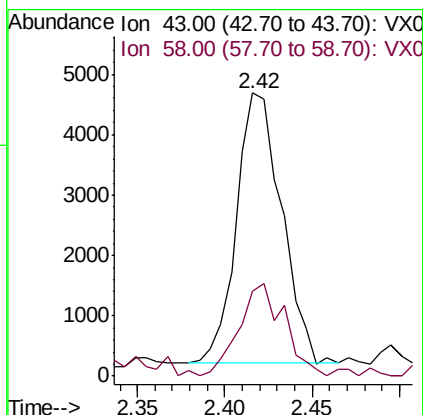
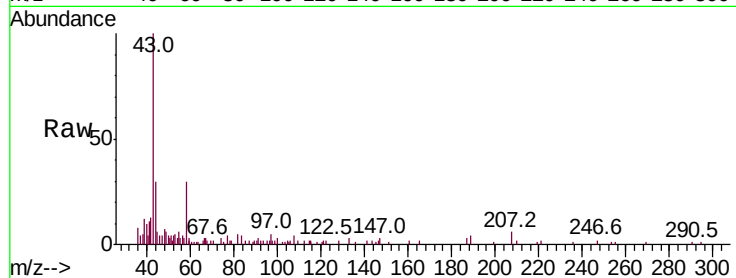




#16  
Acetone  
Concen: 3.313 ug/l  
RT: 2.42 min Scan# 218  
Delta R.T. -0.01 min  
Lab File: VX018382.D  
Acq: 14 Sep 2020 14:19

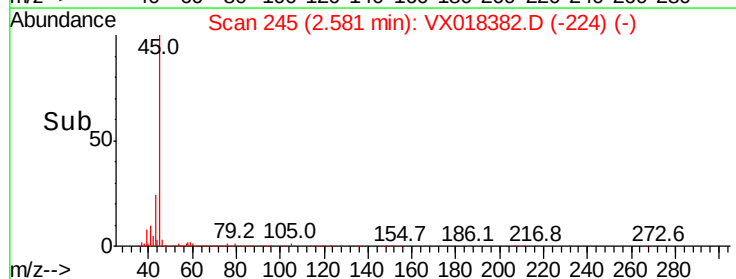
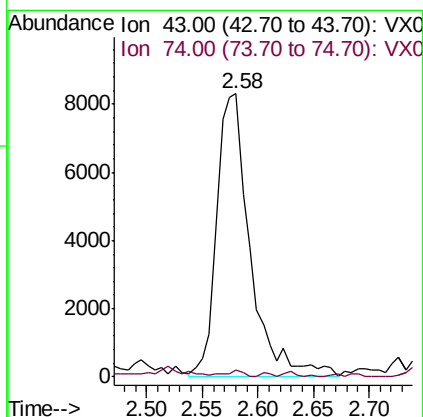
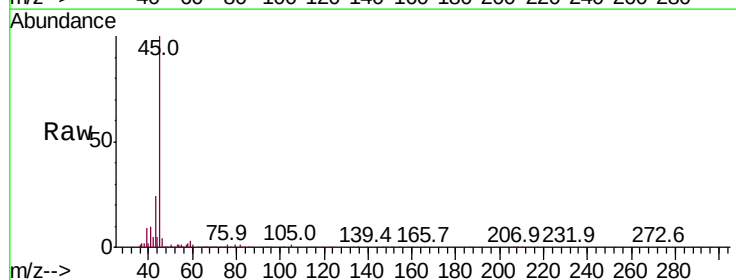
Instrument :  
MSVOA\_X  
ClientSampleId :

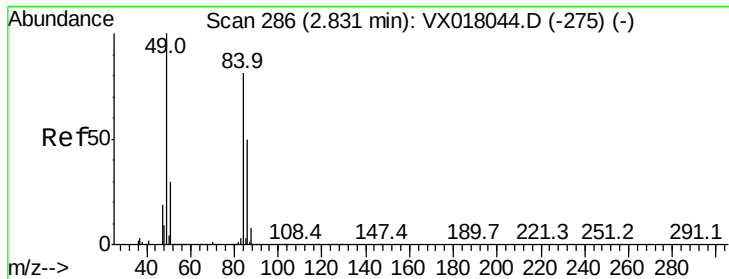
Tot Ion: 43 Resp: 8004  
Ion Ratio Lower Upper  
43 100  
58 29.7 25.5 38.3



#18  
Methyl Acetate  
Concen: 2.968 ug/l  
RT: 2.58 min Scan# 245  
Delta R.T. -0.17 min  
Lab File: VX018382.D  
Acq: 14 Sep 2020 14:19

Tgt Ion: 43 Resp: 17304  
Ion Ratio Lower Upper  
43 100  
74 1.3 18.2 27.4#

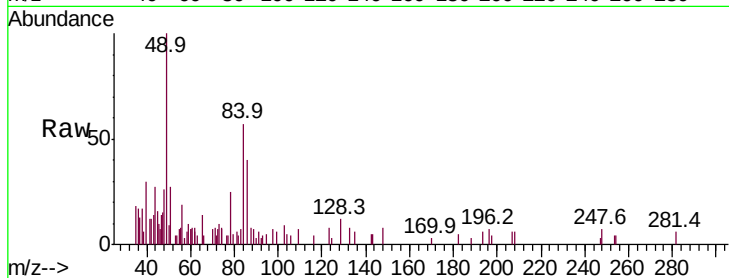




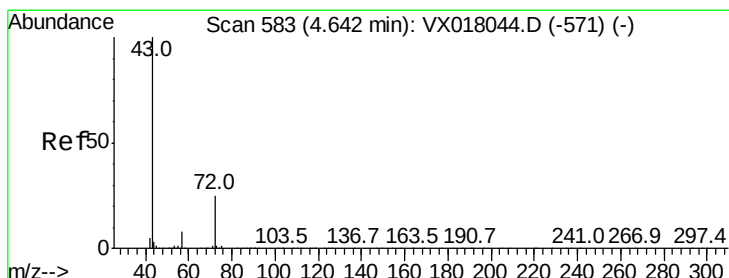
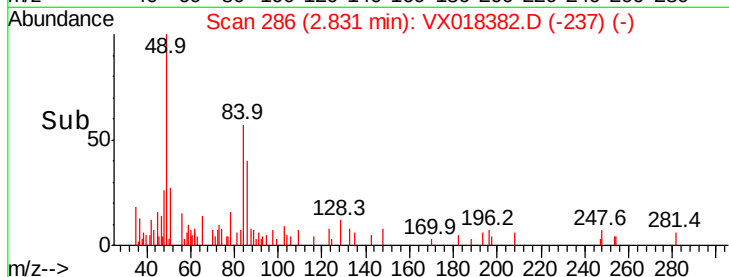
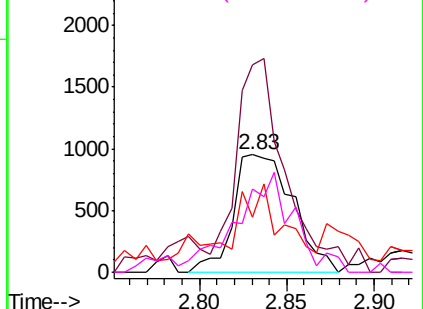
#20  
Methvlene Chloride  
Concen: Below Cal  
RT: 2.83 min Scan# 286  
Delta R.T. 0.00 min  
Lab File: VX018382.D  
Acq: 14 Sep 2020 14:19

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 84 Resp: 2266  
Ion Ratio Lower Upper  
84 100  
49 154.9 98.6 148.0#  
51 14.1 29.6 44.4#  
86 61.2 49.8 74.6

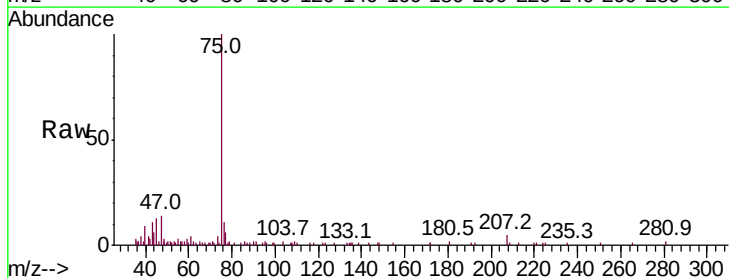


Abundance Ion 83.90 (83.60 to 84.60): VX0  
Ion 48.90 (48.60 to 49.60): VX0  
Ion 50.90 (50.60 to 51.60): VX0  
Ion 85.90 (85.60 to 86.60): VX0

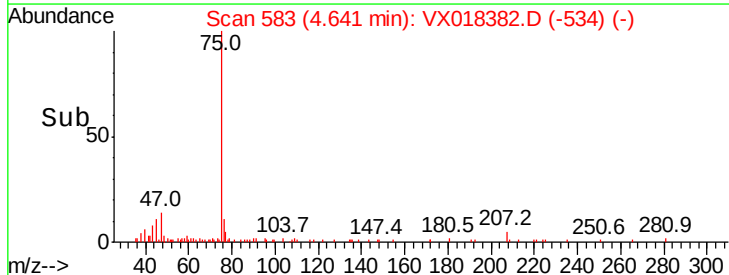
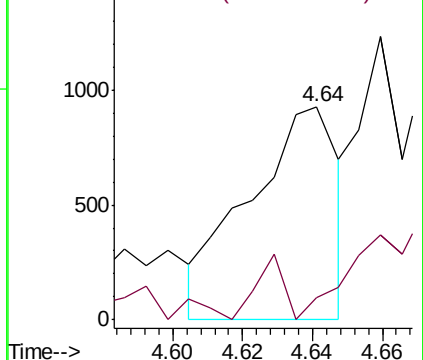


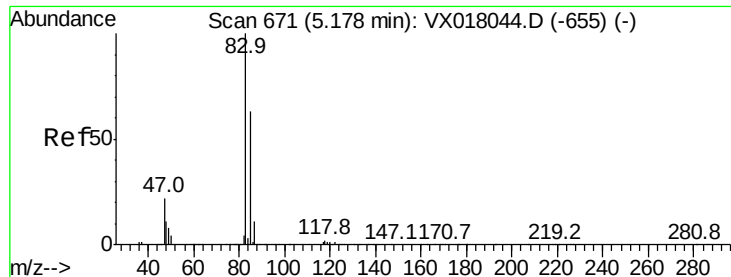
#25  
2-Butanone  
Concen: 0.415 ug/l  
RT: 4.64 min Scan# 583  
Delta R.T. -0.00 min  
Lab File: VX018382.D  
Acq: 14 Sep 2020 14:19

Tgt Ion: 43 Resp: 1649  
Ion Ratio Lower Upper  
43 100  
72 0.7 19.8 29.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 72.00 (71.70 to 72.70): VX0

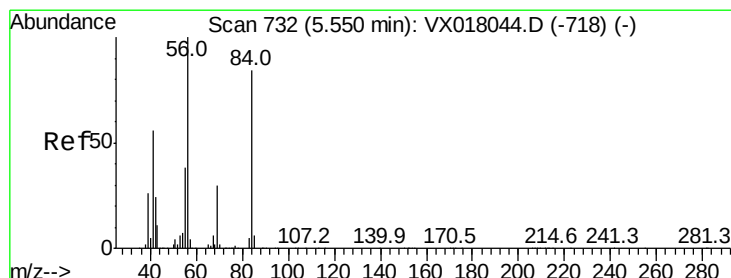
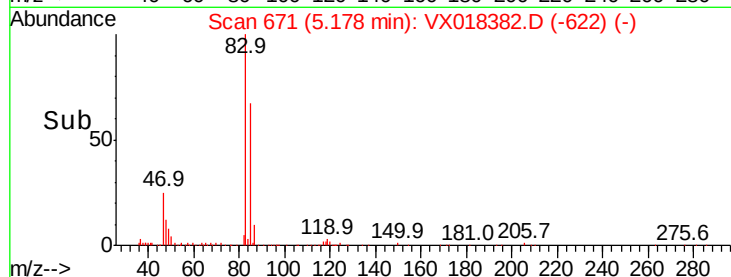
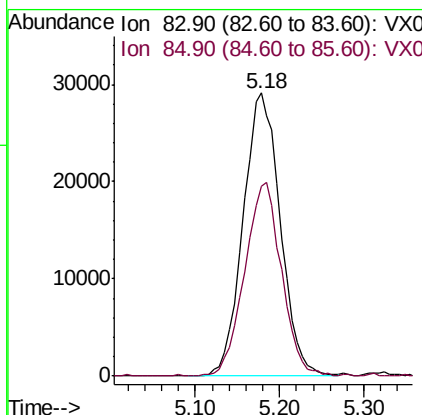
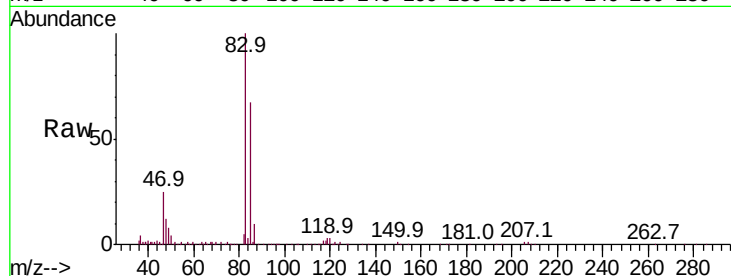




#30  
Chloroform  
Concen: 9.535 ug/l  
RT: 5.18 min Scan# 671  
Delta R.T. -0.00 min  
Lab File: VX018382.D  
Acq: 14 Sep 2020 14:19

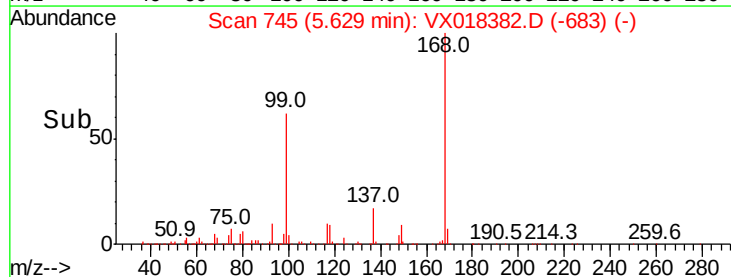
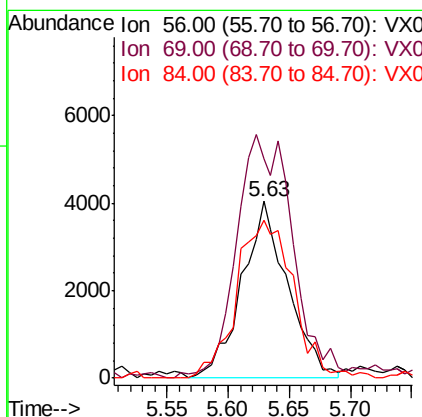
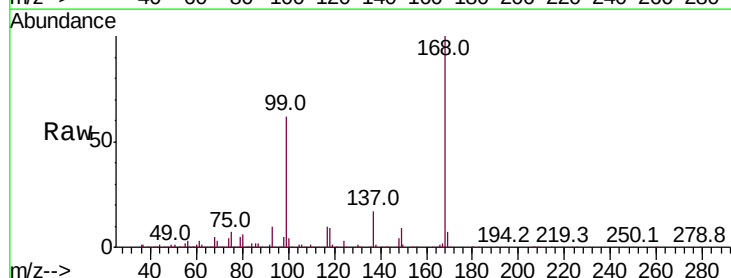
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 83 Resp: 86983  
Ion Ratio Lower Upper  
83 100  
85 66.9 50.7 76.1

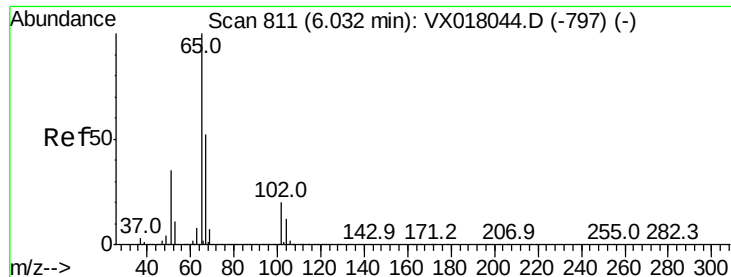


#31  
Cyclohexane  
Concen: 1.422 ug/l  
RT: 5.63 min Scan# 745  
Delta R.T. 0.08 min  
Lab File: VX018382.D  
Acq: 14 Sep 2020 14:19

Tgt Ion: 56 Resp: 10552  
Ion Ratio Lower Upper  
56 100  
69 124.0 23.9 35.9#  
84 91.0 67.0 100.4



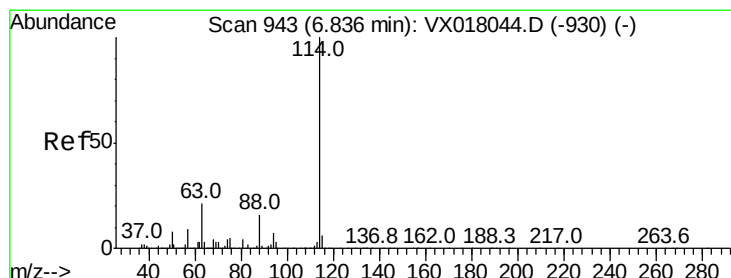
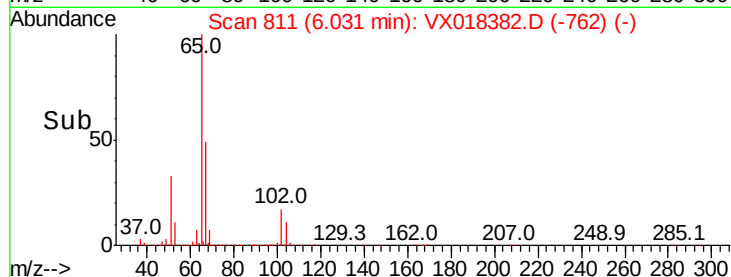
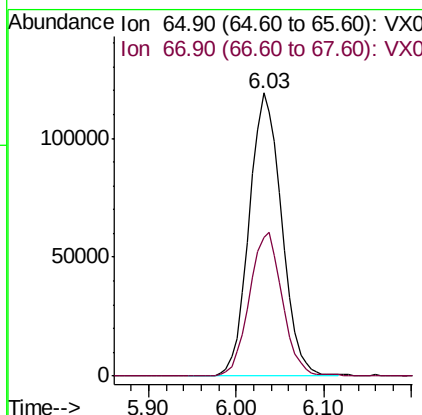
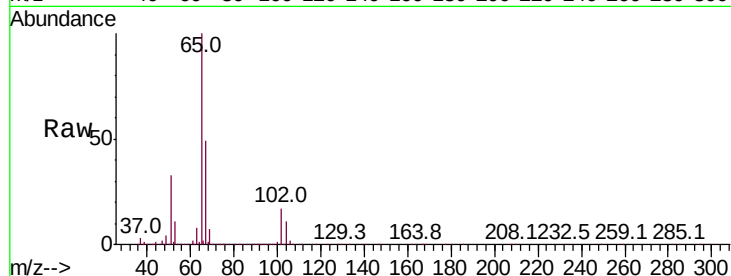




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.662 ug/l  
 RT: 6.03 min Scan# 811  
 Delta R.T. -0.00 min  
 Lab File: VX018382.D  
 Acq: 14 Sep 2020 14:19

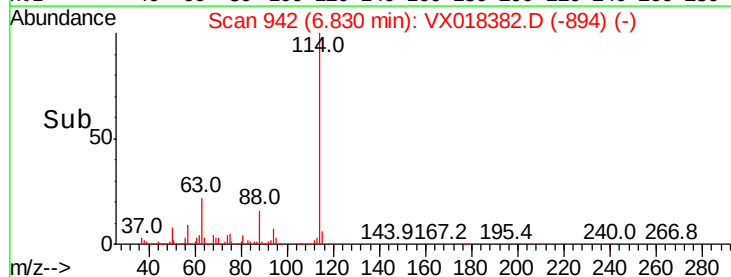
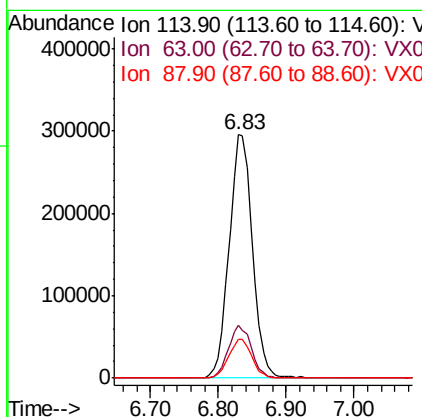
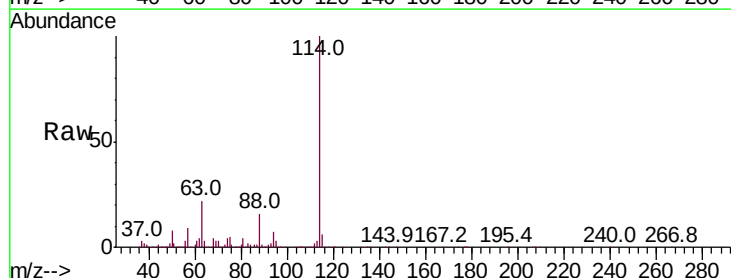
Instrument :  
 MSVOA\_X  
 ClientSampleId :

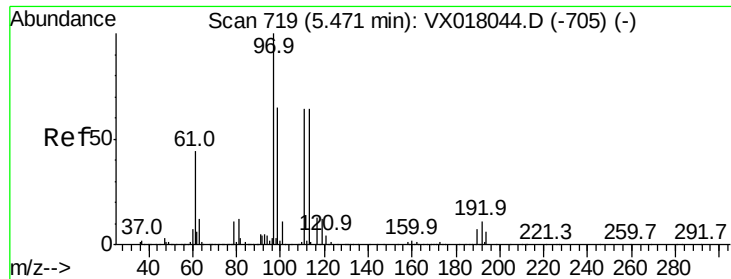
Tot Ion: 65 Resp: 307901  
 Ion Ratio Lower Upper  
 65 100  
 67 51.1 0.0 105.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.83 min Scan# 942  
 Delta R.T. -0.01 min  
 Lab File: VX018382.D  
 Acq: 14 Sep 2020 14:19

Tgt Ion:114 Resp: 700458  
 Ion Ratio Lower Upper  
 114 100  
 63 21.9 0.0 42.6  
 88 16.1 0.0 31.8

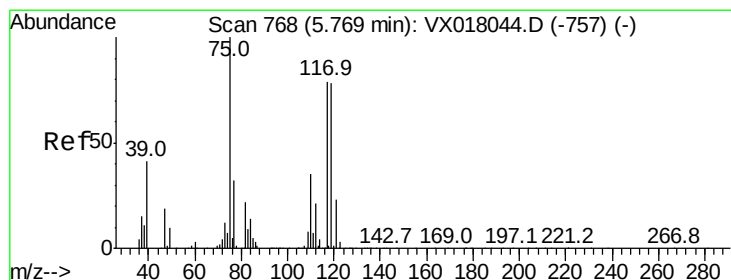
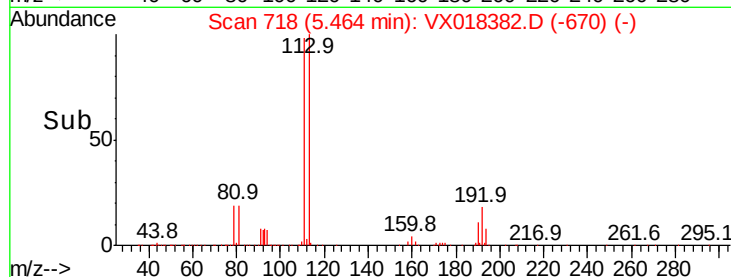
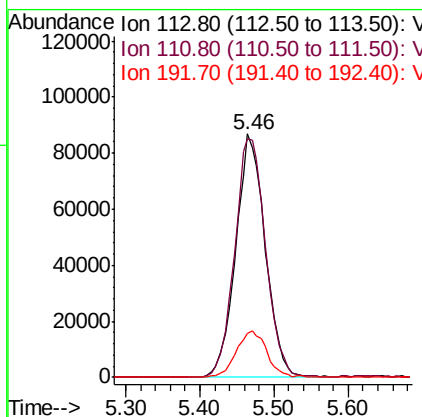
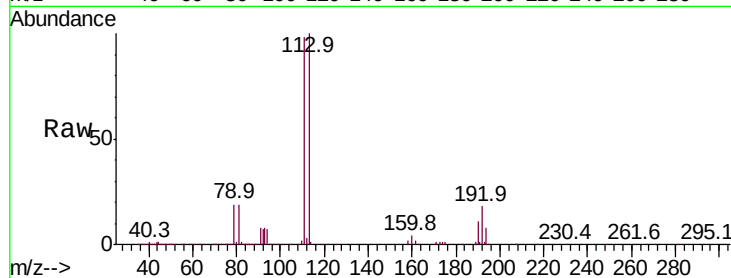




#35  
 Dibromofluoromethane  
 Concen: 50.522 ug/l  
 RT: 5.46 min Scan# 718  
 Delta R.T. -0.01 min  
 Lab File: VX018382.D  
 Acq: 14 Sep 2020 14:19

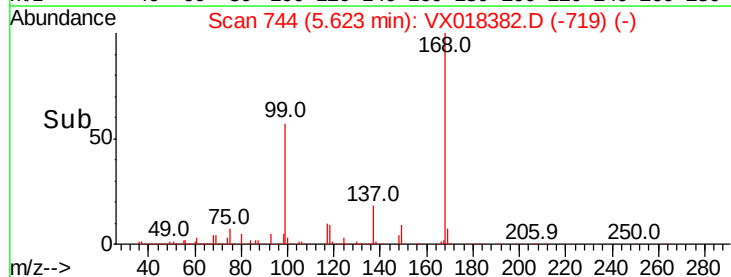
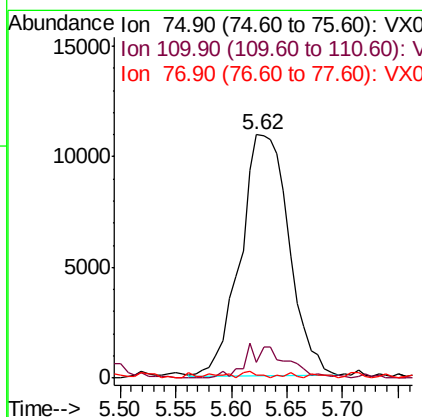
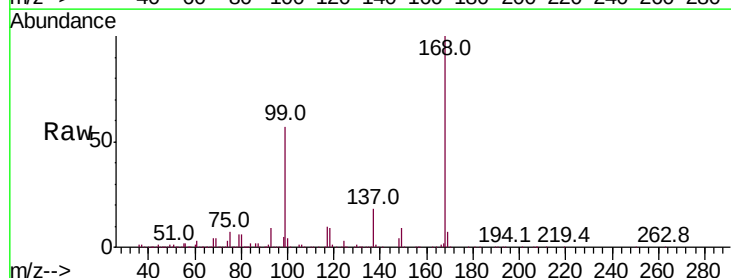
Instrument :  
 MSVOA\_X  
 ClientSampled :

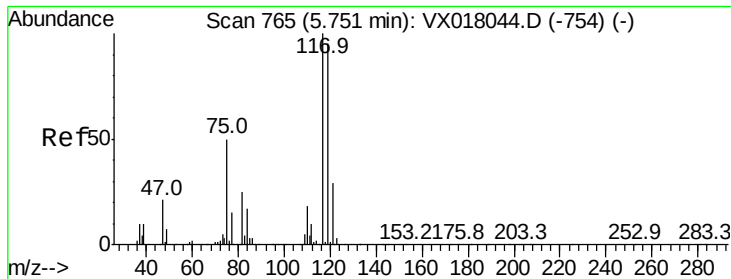
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.1 | 81.6  | 122.4 |
| 192     | 19.8  | 15.8  | 23.8  |



#36  
 1,1-Dichloropropene  
 Concen: 5.136 ug/l  
 RT: 5.62 min Scan# 744  
 Delta R.T. -0.15 min  
 Lab File: VX018382.D  
 Acq: 14 Sep 2020 14:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 11.4  | 18.0  | 54.0# |
| 77      | 0.9   | 24.4  | 36.6# |





#38

Carbon Tetrachloride

Concen: 6.489 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.12 min

Lab File: VX018382.D

Acq: 14 Sep 2020 14:19

Instrument :

MSVOA\_X

ClientSampleId :

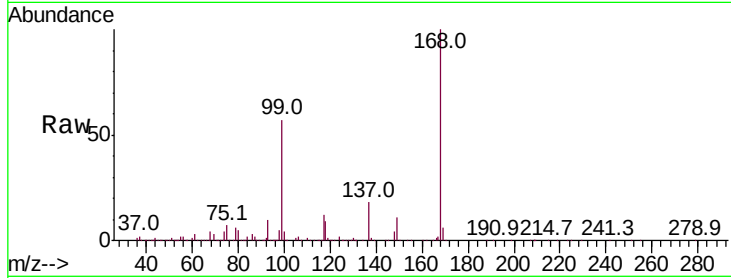
Tot Ion:117 Resp: 47243

Ion Ratio Lower Upper

117 100

119 5.7 75.8 113.6#

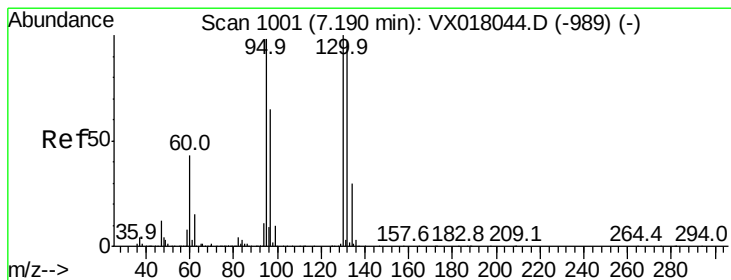
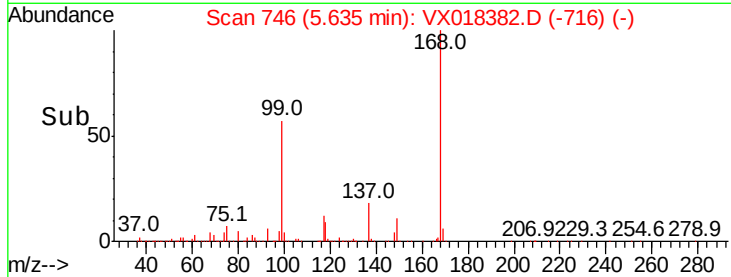
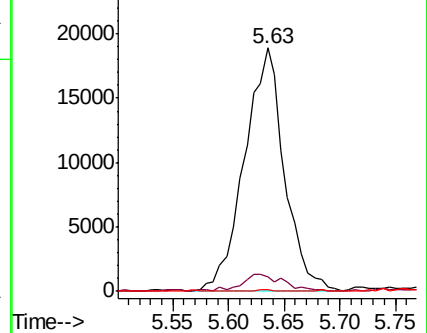
121 0.5 23.4 35.0#



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



#44

Trichloroethene

Concen: 0.364 ug/l

RT: 7.21 min Scan# 1004

Delta R.T. 0.02 min

Lab File: VX018382.D

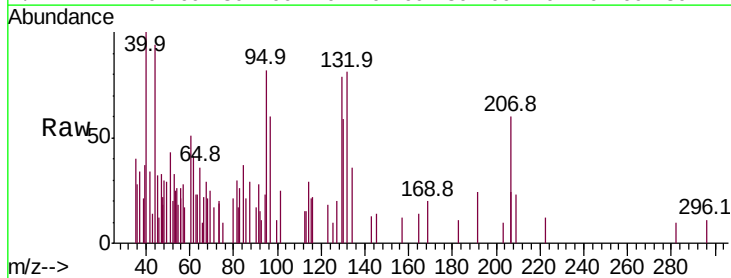
Acq: 14 Sep 2020 14:19

Tgt Ion:130 Resp: 1954

Ion Ratio Lower Upper

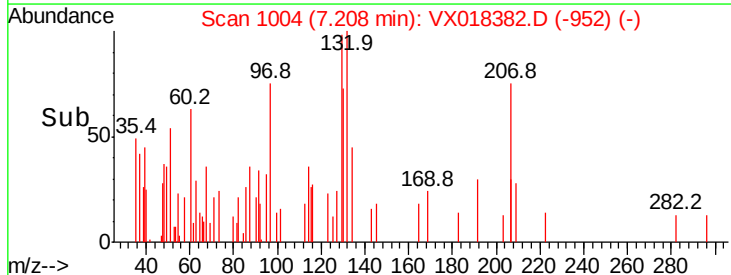
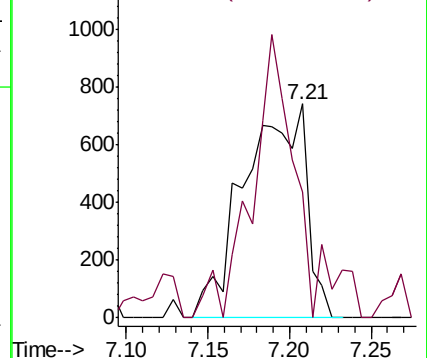
130 100

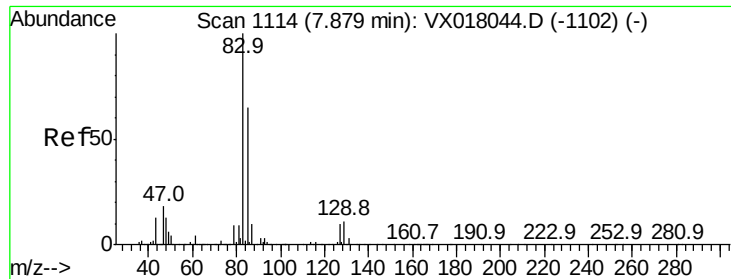
95 59.0 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#47

Bromodichloromethane

Concen: 0.444 ug/l

RT: 7.88 min Scan# 1115

Delta R.T. 0.01 min

Lab File: VX018382.D

Acq: 14 Sep 2020 14:19

Instrument :

MSVOA\_X

ClientSampleId :

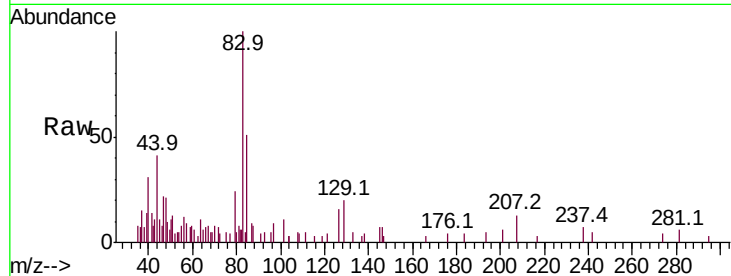
Tot Ion: 83 Resp: 3192

Ion Ratio Lower Upper

83 100

85 50.7 51.8 77.6#

127 16.2 7.7 11.5#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

7.88

1500

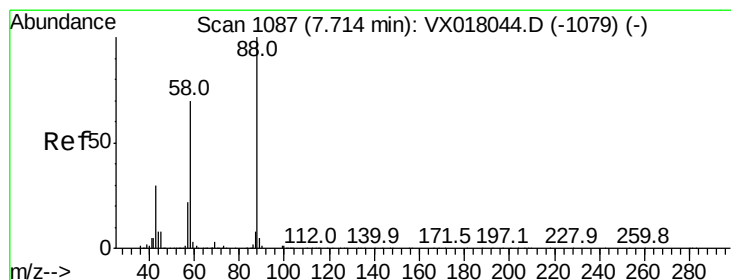
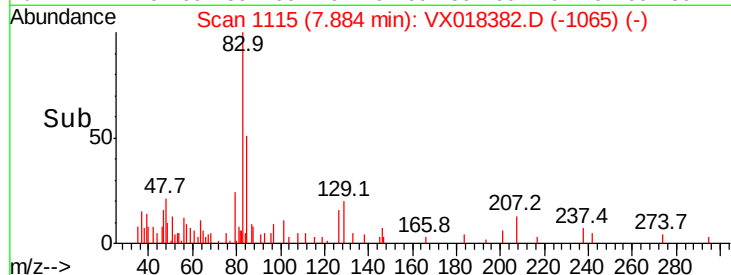
1000

500

0

7.80 7.85 7.90 7.95

Time-->



#49

1,4-Dioxane

Concen: 0.778 ug/l

RT: 7.68 min Scan# 1081

Delta R.T. -0.04 min

Lab File: VX018382.D

Acq: 14 Sep 2020 14:19

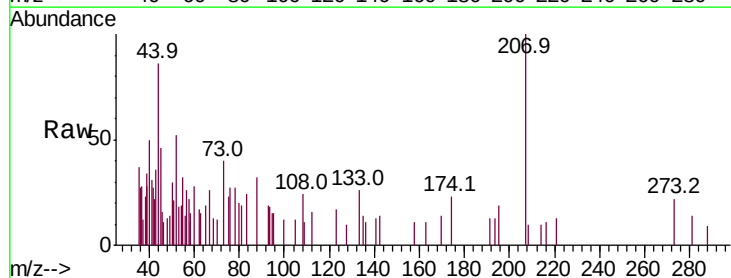
Tgt Ion: 88 Resp: 85

Ion Ratio Lower Upper

88 100

43 392.9 27.4 41.0#

58 107.1 56.4 84.6#



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

600

500

400

300

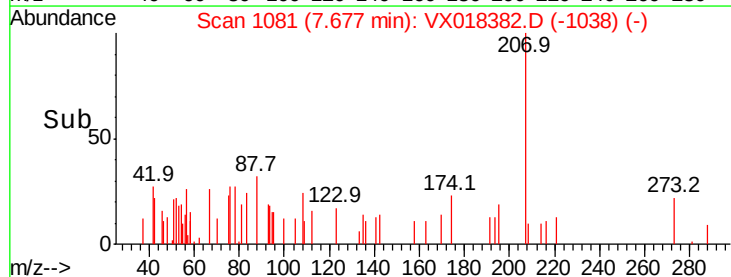
200

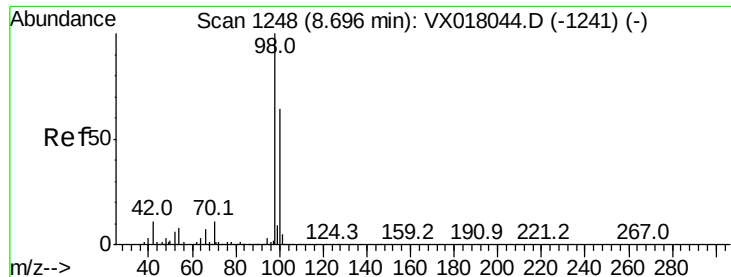
100

0

7.67 7.68 7.69

Time-->

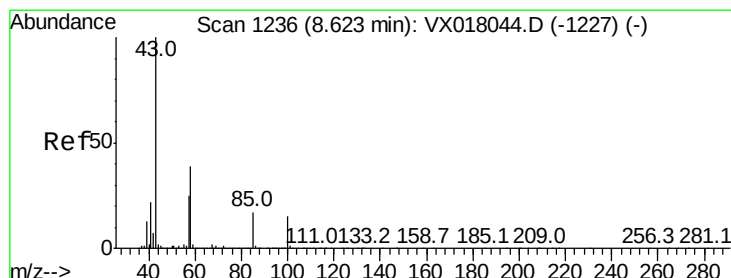
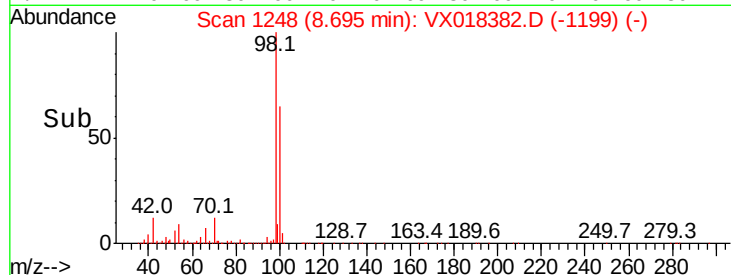
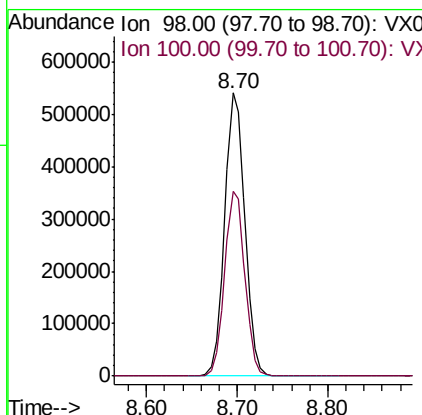
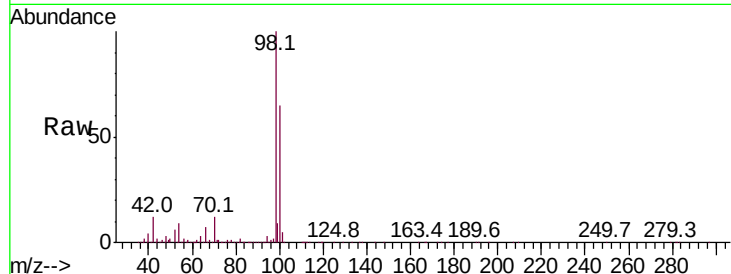




#50  
Toluene-d8  
Concen: 47.188 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. -0.00 min  
Lab File: VX018382.D  
Acq: 14 Sep 2020 14:19

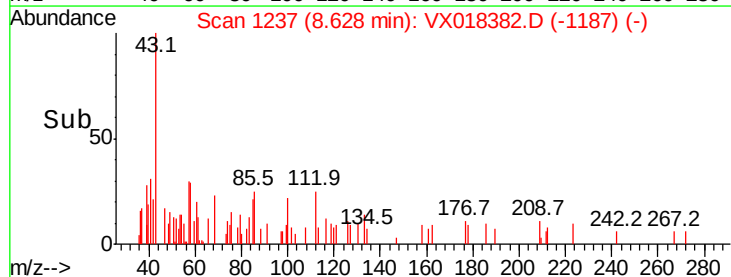
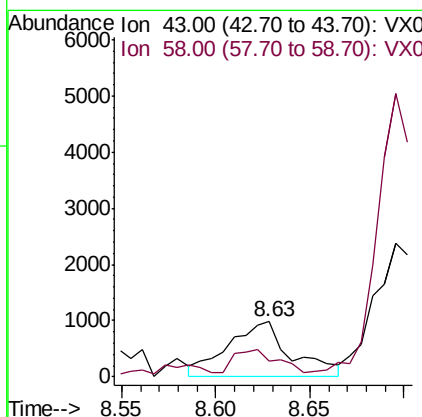
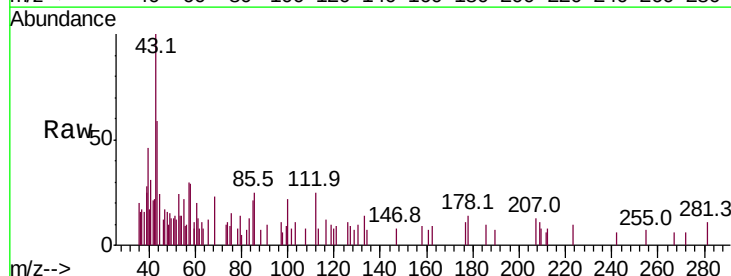
Instrument :  
MSVOA\_X  
ClientSampleId :

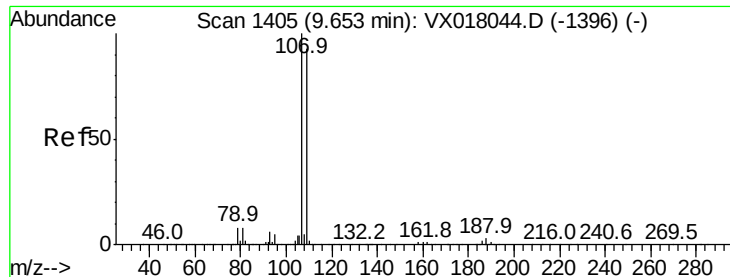
Tot Ion: 98 Resp: 838425  
Ion Ratio Lower Upper  
98 100  
100 65.3 52.2 78.4



#51  
4-Methyl-2-Pentanone  
Concen: 0.307 ug/l  
RT: 8.63 min Scan# 1237  
Delta R.T. 0.01 min  
Lab File: VX018382.D  
Acq: 14 Sep 2020 14:19

Tgt Ion: 43 Resp: 2296  
Ion Ratio Lower Upper  
43 100  
58 31.7 30.7 46.1





#61

1,2-Dibromoethane

Concen: 0.216 ug/l

RT: 9.66 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VX018382.D

Acq: 14 Sep 2020 14:19

Instrument :

MSVOA\_X

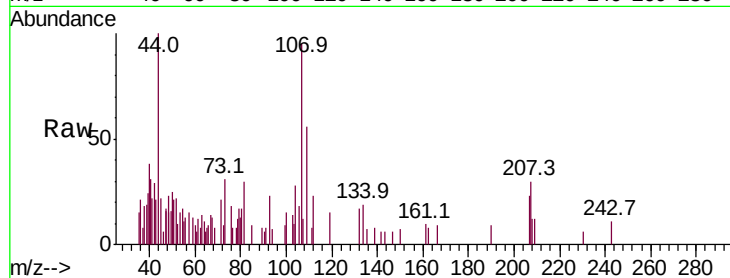
ClientSampleId :

Tot Ion:107 Resp: 1206

Ion Ratio Lower Upper

107 100

109 112.0 75.9 113.9

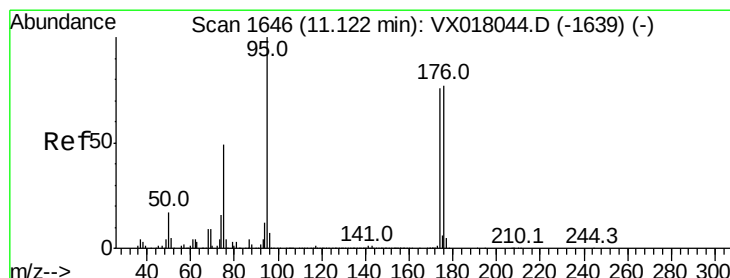
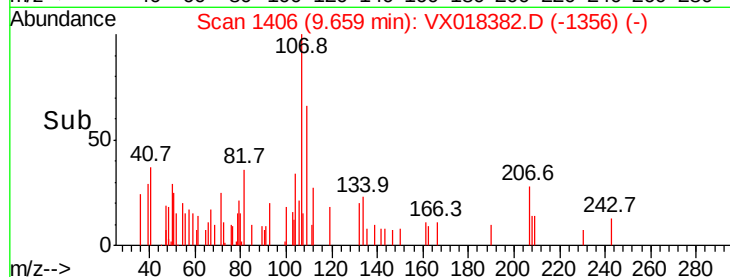


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.66

Time-->



#62

4-Bromofluorobenzene

Concen: 45.133 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018382.D

Acq: 14 Sep 2020 14:19

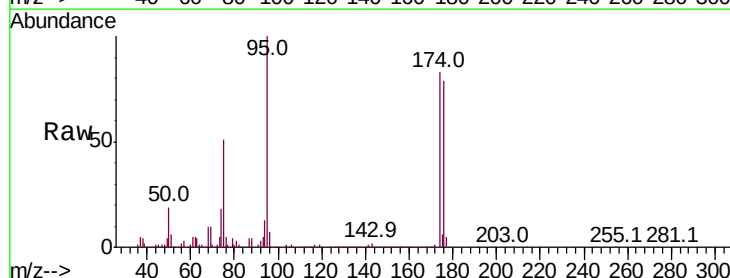
Tgt Ion: 95 Resp: 315504

Ion Ratio Lower Upper

95 100

174 81.3 0.0 160.2

176 76.9 0.0 155.8



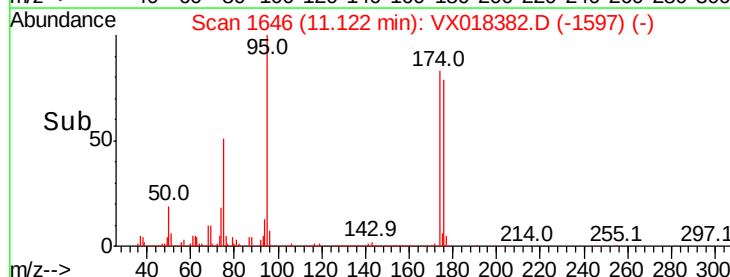
Abundance Ion 94.90 (94.60 to 95.60): VX0

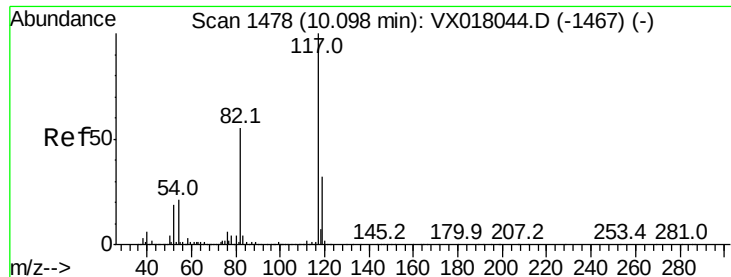
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

Time-->

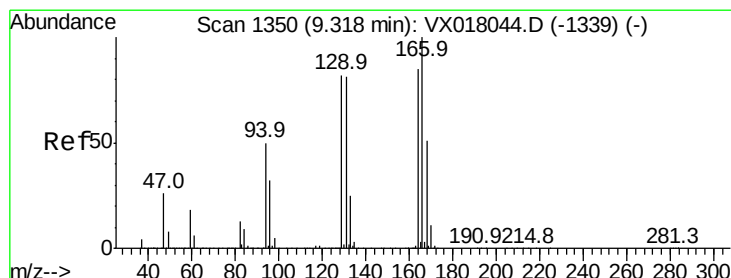
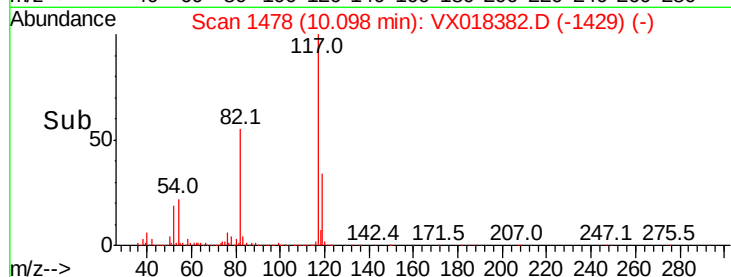
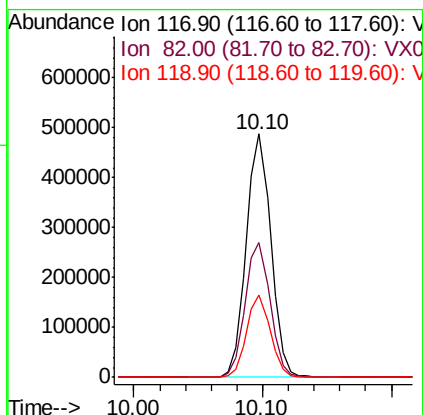
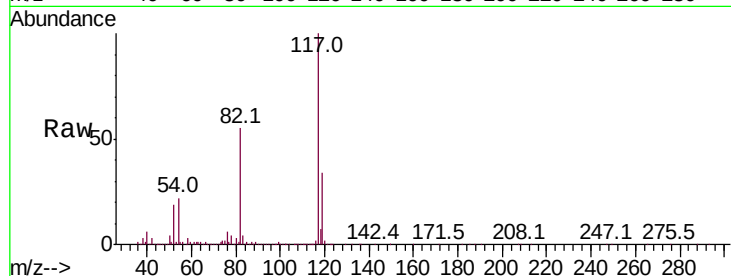




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX018382.D  
Acq: 14 Sep 2020 14:19

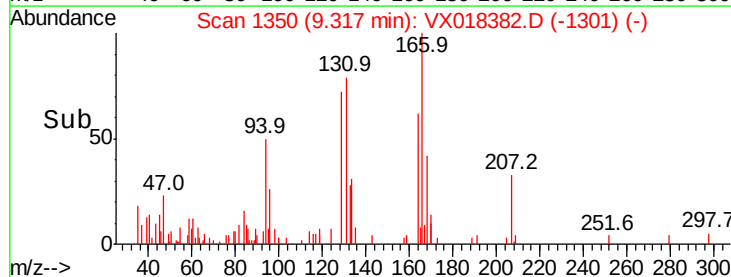
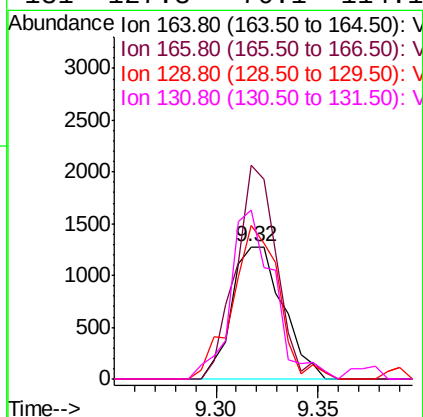
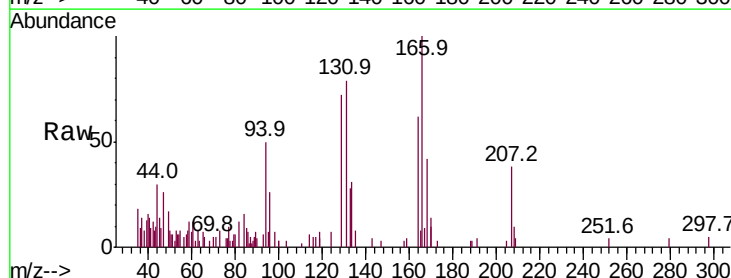
Instrument :  
MSVOA\_X  
ClientSampled :

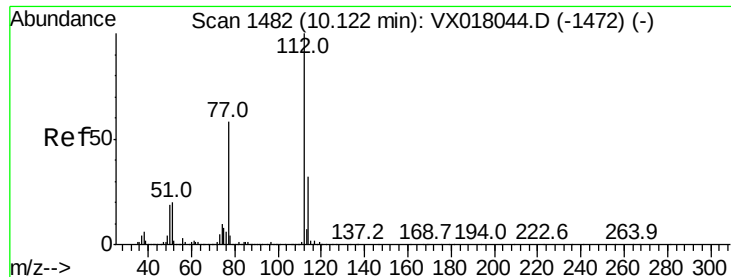
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 55.2  | 44.2  | 66.2  |
| 119     | 33.6  | 25.7  | 38.5  |



#64  
Tetrachloroethene  
Concen: 0.470 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. -0.00 min  
Lab File: VX018382.D  
Acq: 14 Sep 2020 14:19

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 164     | 100   |       |        |
| 166     | 161.3 | 94.2  | 141.2# |
| 129     | 116.2 | 76.9  | 115.3# |
| 131     | 127.3 | 76.1  | 114.1# |

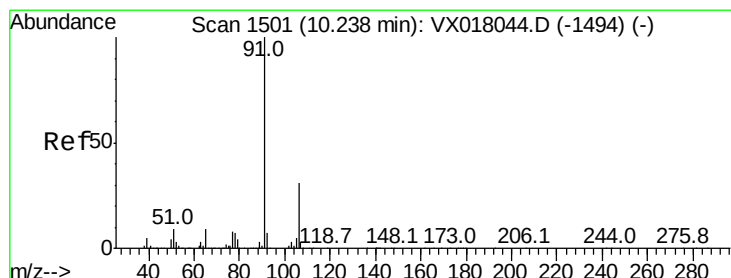
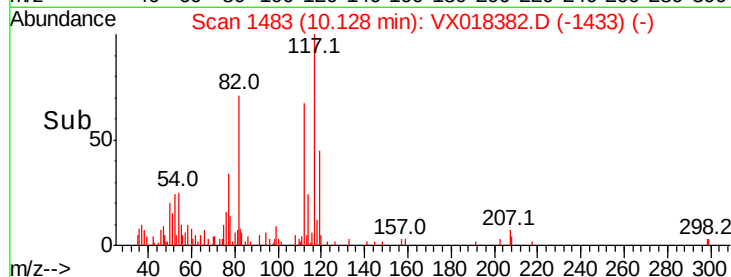
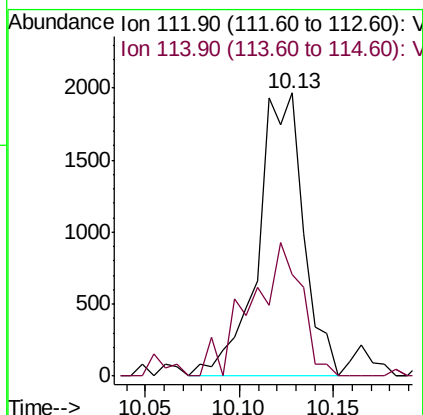
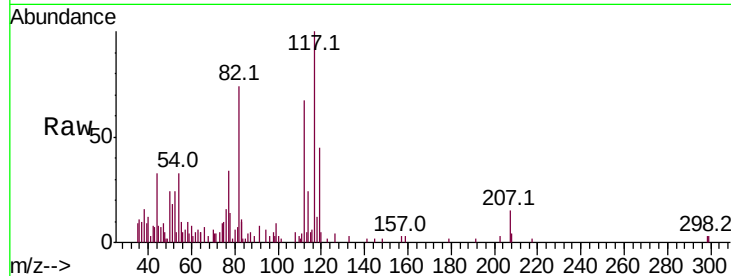




#65  
Chlorobenzene  
Concen: 0.257 ug/l  
RT: 10.13 min Scan# 1483  
Delta R.T. 0.01 min  
Lab File: VX018382.D  
Acq: 14 Sep 2020 14:19

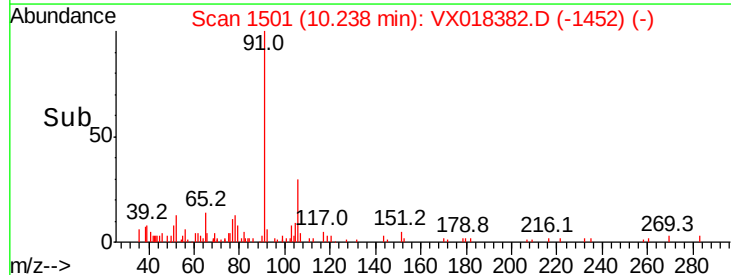
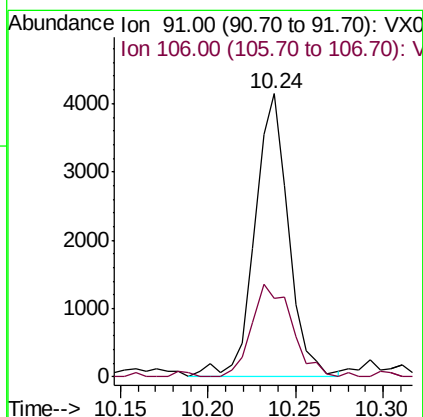
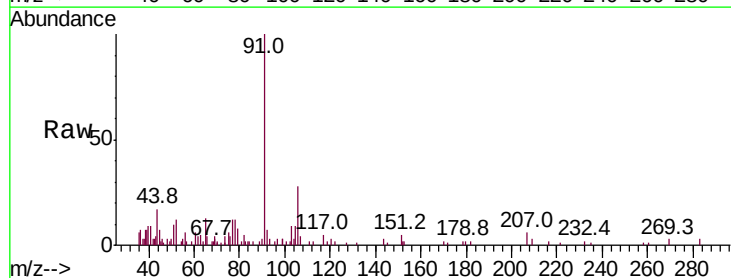
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:112 Resp: 3292  
Ion Ratio Lower Upper  
112 100  
114 35.9 25.7 38.5

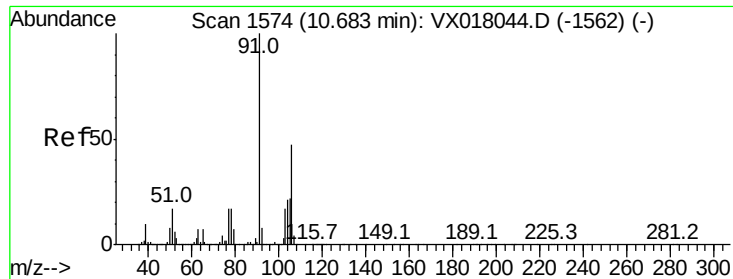


#67  
Ethyl Benzene  
Concen: 0.256 ug/l  
RT: 10.24 min Scan# 1501  
Delta R.T. -0.00 min  
Lab File: VX018382.D  
Acq: 14 Sep 2020 14:19

Tgt Ion: 91 Resp: 5573  
Ion Ratio Lower Upper  
91 100  
106 27.7 24.9 37.3



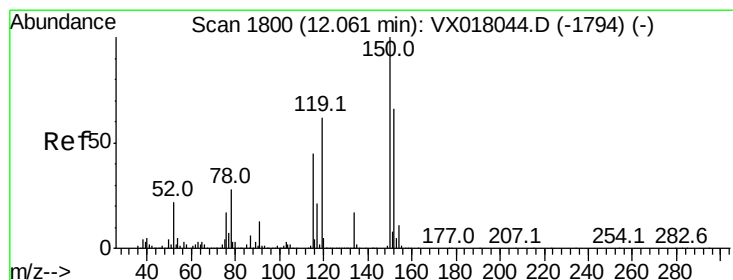
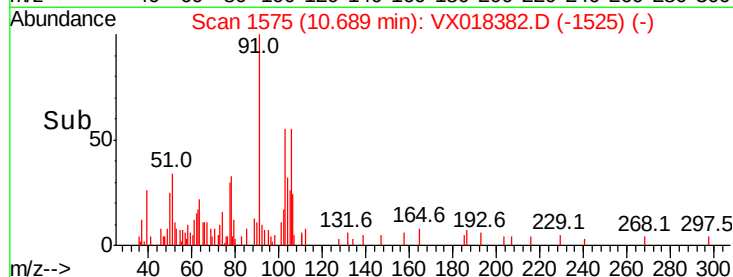
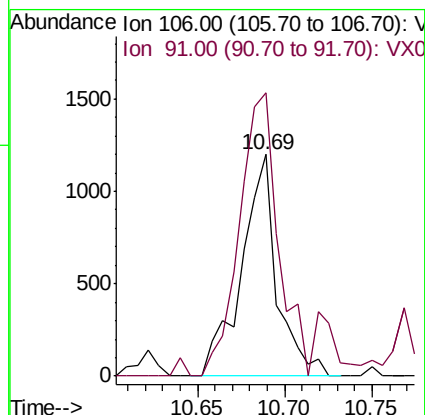
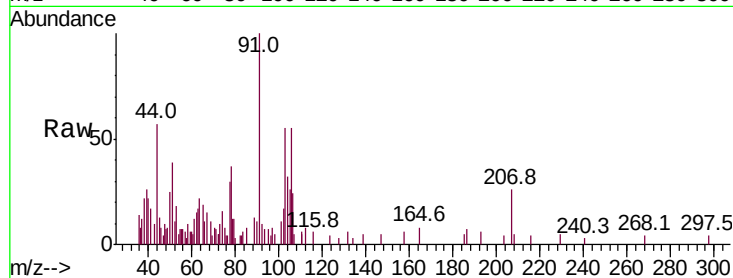




#69  
o-Xylene  
Concen: 0.213 ug/l  
RT: 10.69 min Scan# 1575  
Delta R.T. 0.01 min  
Lab File: VX018382.D  
Acq: 14 Sep 2020 14:19

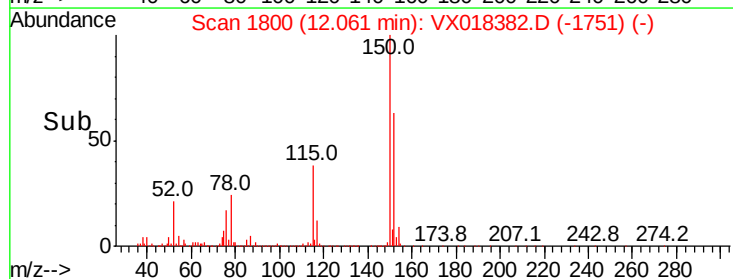
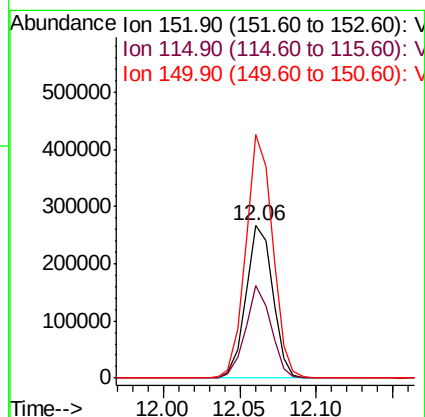
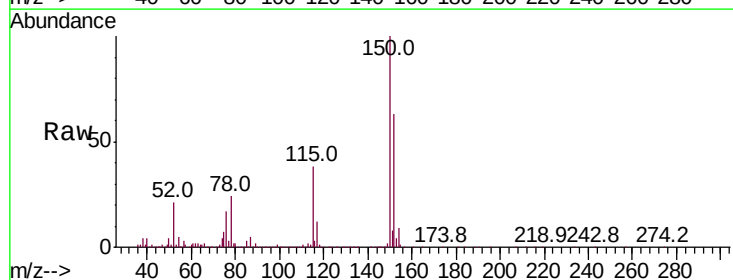
Instrument :  
MSVOA\_X  
ClientSampleId :

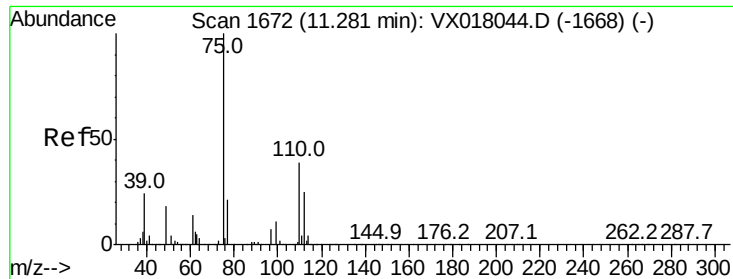
Tot Ion:106 Resp: 1682  
Ion Ratio Lower Upper  
106 100  
91 140.2 107.1 321.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.06 min Scan# 1800  
Delta R.T. -0.00 min  
Lab File: VX018382.D  
Acq: 14 Sep 2020 14:19

Tgt Ion:152 Resp: 325942  
Ion Ratio Lower Upper  
152 100  
115 57.6 41.5 124.5  
150 158.5 0.0 343.8





#76

1,2,3-Trichloropropane

Concen: 22.672 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018382.D

Acq: 14 Sep 2020 14:19

Instrument :

MSVOA\_X

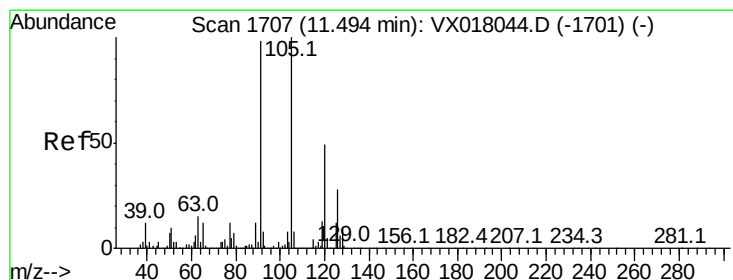
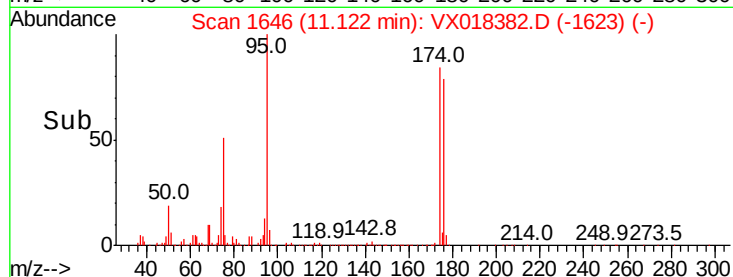
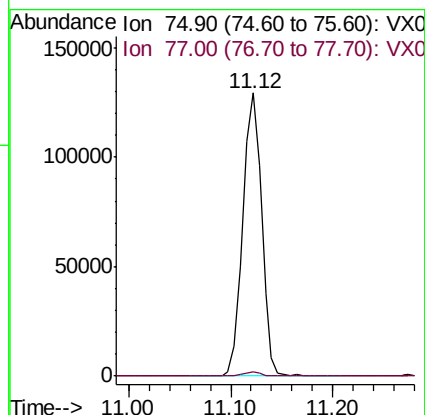
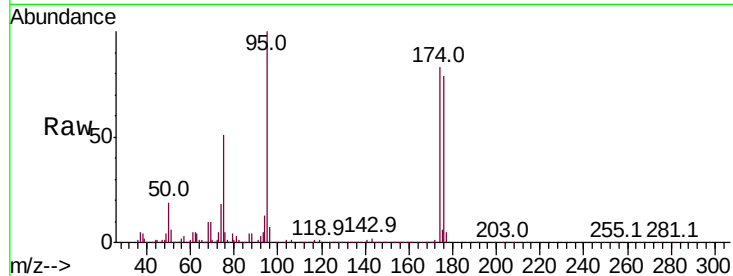
ClientSampled :

Tot Ion: 75 Resp: 164391

Ion Ratio Lower Upper

75 100

77 1.5 20.8 62.2#



#80

1,3,5-Trimethylbenzene

Concen: 0.287 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018382.D

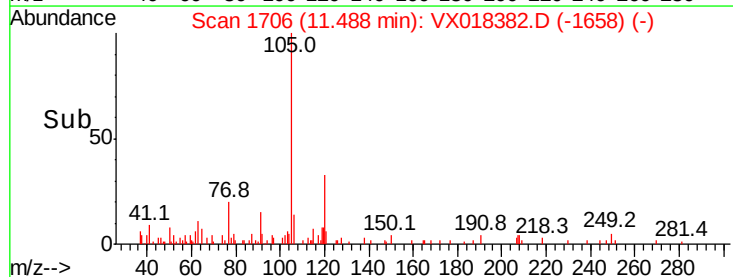
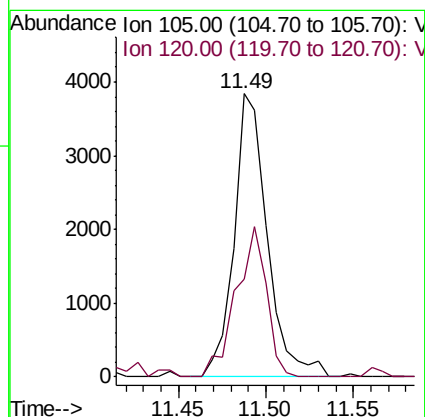
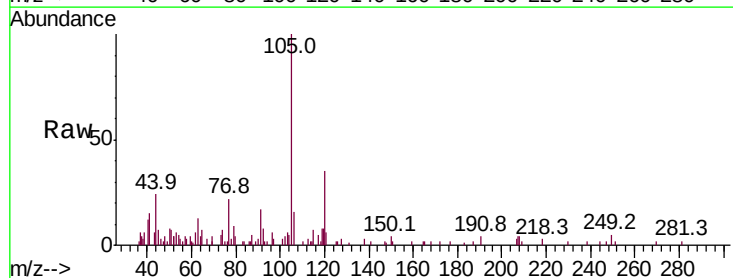
Acq: 14 Sep 2020 14:19

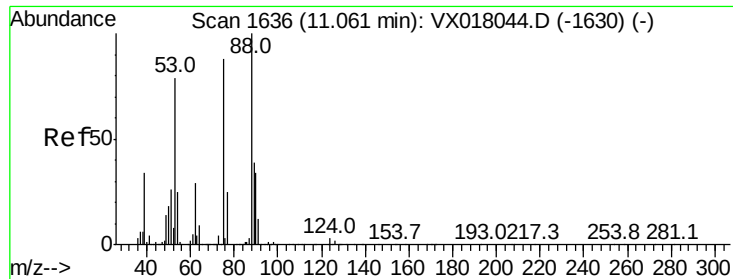
Tgt Ion: 105 Resp: 5076

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.2

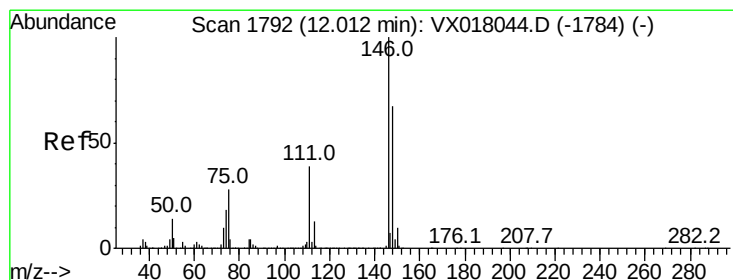
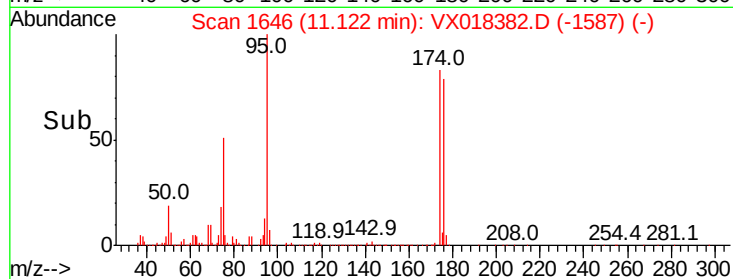
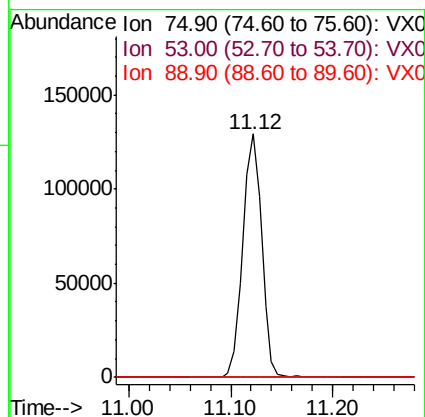
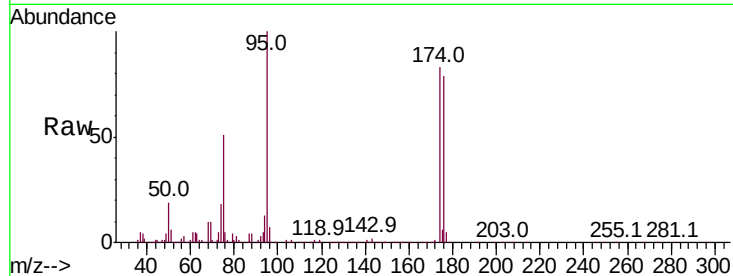




#81  
trans-1,4-Dichloro-2-butene  
Concen: 61.234 ug/l  
RT: 11.12 min Scan# 1646  
Delta R.T. 0.06 min  
Lab File: VX018382.D  
Acq: 14 Sep 2020 14:19

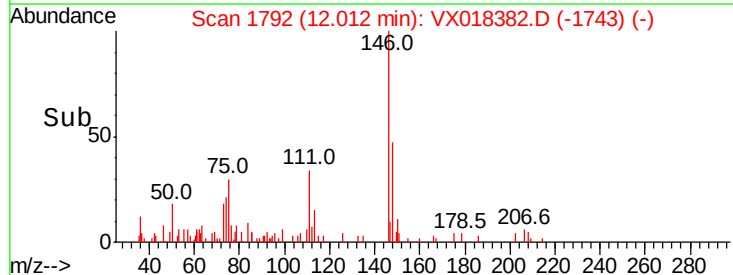
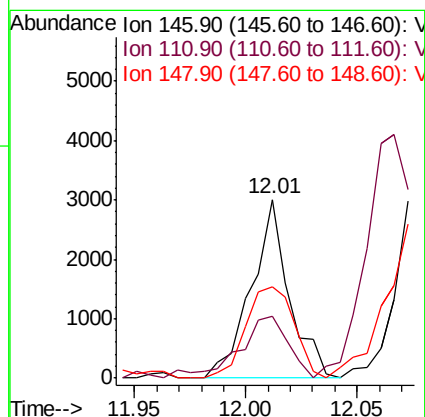
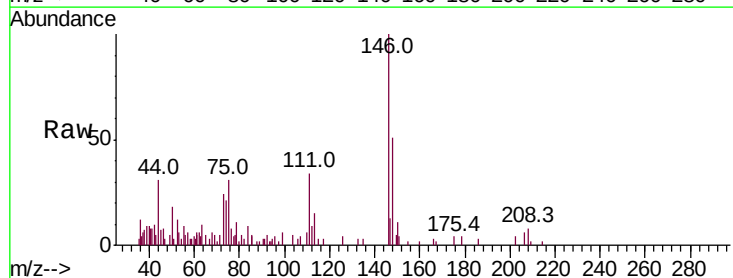
Instrument :  
MSVOA\_X  
ClientSampleId :

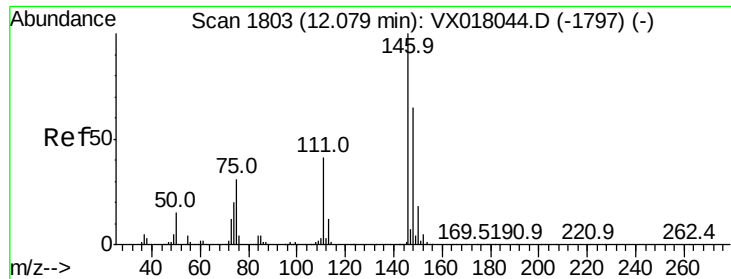
Tot Ion: 75 Resp: 164391  
Ion Ratio Lower Upper  
75 100  
53 0.4 74.7 112.1#  
89 0.1 36.6 54.8#



#87  
1,3-Dichlorobenzene  
Concen: 0.343 ug/l  
RT: 12.01 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: VX018382.D  
Acq: 14 Sep 2020 14:19

Tgt Ion: 146 Resp: 3576  
Ion Ratio Lower Upper  
146 100  
111 45.0 20.6 61.8  
148 65.3 33.1 99.2





#88

1,4-Dichlorobenzene

Concen: 0.342 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.07 min

Lab File: VX018382.D

Acq: 14 Sep 2020 14:19

Instrument :

MSVOA\_X

ClientSampled :

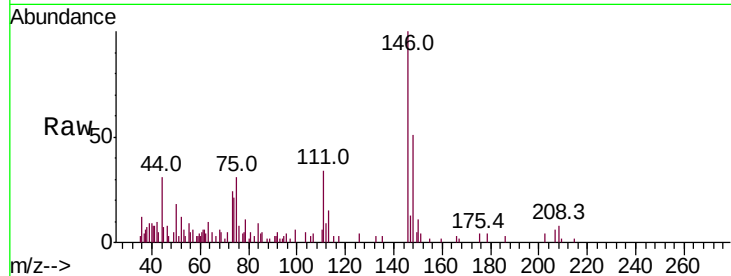
Tot Ion:146 Resp: 3576

Ion Ratio Lower Upper

146 100

111 45.0 20.3 60.8

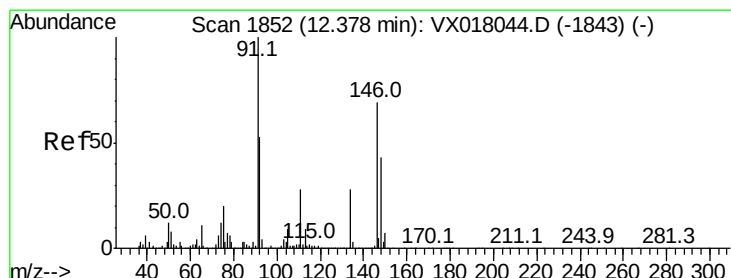
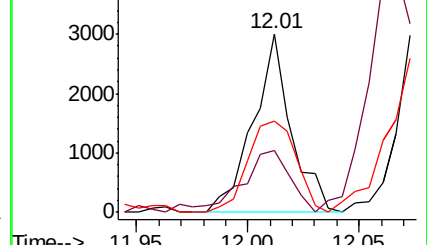
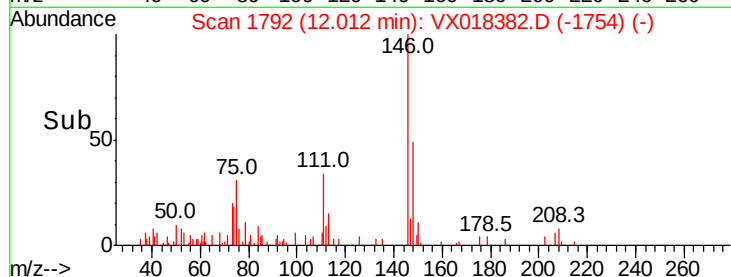
148 65.3 33.1 99.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#91

1,2-Dichlorobenzene

Concen: 0.297 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018382.D

Acq: 14 Sep 2020 14:19

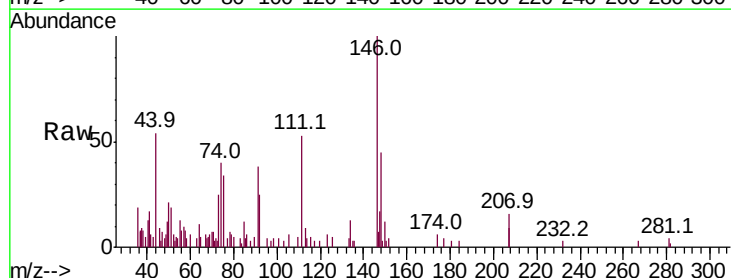
Tgt Ion:146 Resp: 2915

Ion Ratio Lower Upper

146 100

111 50.9 20.8 62.5

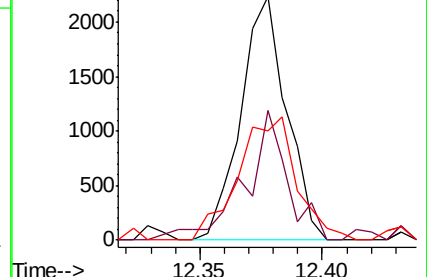
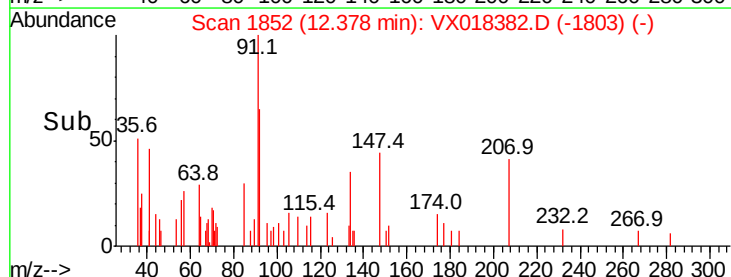
148 64.8 31.6 95.0

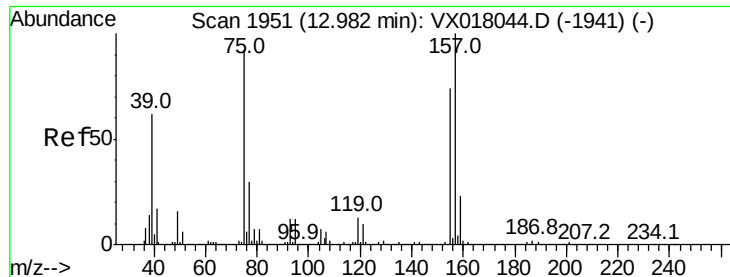


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

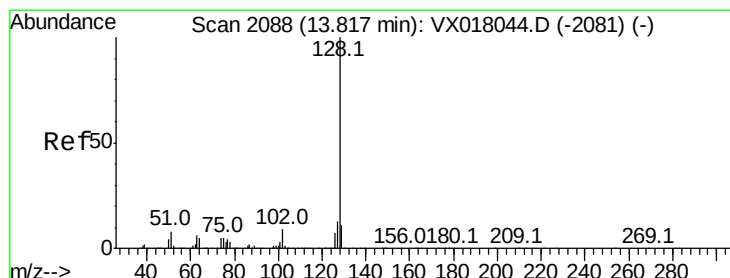
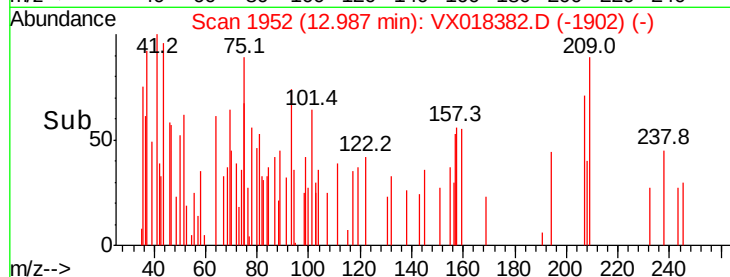
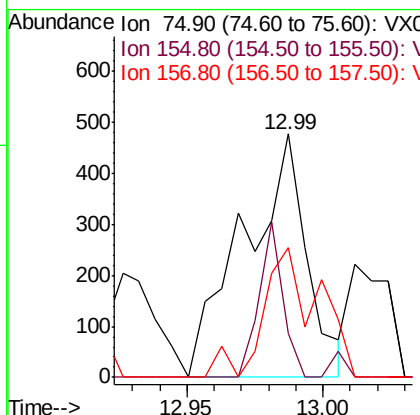
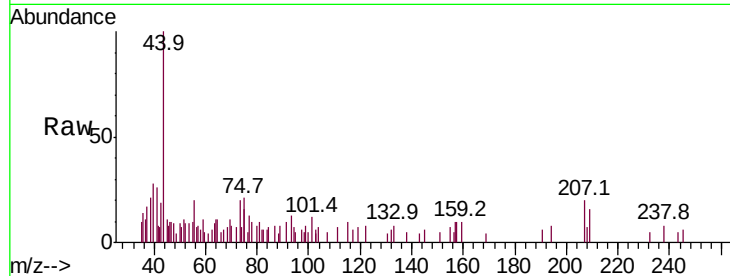




#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 0.403 ug/l  
 RT: 12.99 min Scan# 1952  
 Delta R.T. 0.01 min  
 Lab File: VX018382.D  
 Acq: 14 Sep 2020 14:19

Instrument :  
 MSVOA\_X  
 ClientSampled :

Tot Ion: 75 Resp: 764  
 Ion Ratio Lower Upper  
 75 100  
 155 24.0 40.2 120.6#  
 157 46.6 55.0 165.2#



#95  
 Naphthalene  
 Concen: 0.707 ug/l  
 RT: 13.82 min Scan# 2088  
 Delta R.T. -0.00 min  
 Lab File: VX018382.D  
 Acq: 14 Sep 2020 14:19

Tgt Ion: 128 Resp: 15245  
 Ion Ratio Lower Upper  
 128 100  
 127 18.1 10.2 15.2#  
 129 12.4 8.7 13.1

