

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040620\  
 Data File : VX015512.D  
 Acq On : 06 Apr 2020 15:03  
 Operator : JC/SP  
 Sample : L2097-18  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 COMP-1

Quant Time: Apr 07 05:01:32 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X032720W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 27 09:35:51 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.64  | 168  | 1155196  | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 1829759  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 1789955  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 993265   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.03   | 65  | 763056   | 46.83 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 93.66%  |      |
| 35) Dibromofluoromethane  | 5.47   | 113 | 585021   | 50.02 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.04% |      |
| 50) Toluene-d8            | 8.70   | 98  | 2213997  | 51.41 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.82% |      |
| 62) 4-Bromofluorobenzene  | 11.12  | 95  | 995180   | 56.86 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 113.72% |      |

## Target Compounds

|                                |       |     |         |               | Qvalue |
|--------------------------------|-------|-----|---------|---------------|--------|
| 3) Chloromethane               | 1.31  | 50  | 6362    | 0.491 ug/l    | 92     |
| 5) Bromomethane                | 1.62  | 94  | 867     | Below Cal     | 92     |
| 6) Chloroethane                | 1.72  | 64  | 1923    | 0.261 ug/l #  | 43     |
| 11) Tert butyl alcohol         | 3.01  | 59  | 280239  | 71.860 ug/l   | 99     |
| 13) Acrolein                   | 2.25  | 56  | 448     | 0.202 ug/l #  | 1      |
| 14) Allyl chloride             | 2.69  | 41  | 7777    | 0.305 ug/l #  | 30     |
| 16) Acetone                    | 2.42  | 43  | 3128704 | 446.973 ug/l  | 99     |
| 18) Methyl Acetate             | 2.75  | 43  | 3747    | 0.210 ug/l #  | 63     |
| 20) Methylene Chloride         | 2.84  | 84  | 7898    | 0.604 ug/l #  | 81     |
| 25) 2-Butanone                 | 4.64  | 43  | 138051  | 12.263 ug/l   | 98     |
| 29) Tetrahydrofuran            | 5.11  | 42  | 8799    | 1.216 ug/l #  | 44     |
| 30) Chloroform                 | 5.18  | 83  | 7943    | 0.347 ug/l #  | 72     |
| 31) Cyclohexane                | 5.63  | 56  | 25561   | 1.239 ug/l #  | 1      |
| 36) 1,1-Dichloropropene        | 5.64  | 75  | 85580   | 5.076 ug/l #  | 51     |
| 37) Ethyl Acetate              | 4.64  | 43  | 138051  | 6.289 ug/l #  | 71     |
| 38) Carbon Tetrachloride       | 5.64  | 117 | 110715  | 6.063 ug/l #  | 15     |
| 40) Benzene                    | 6.12  | 78  | 419254  | 8.489 ug/l    | 96     |
| 42) 1,2-Dichloroethane         | 6.11  | 62  | 4677    | 0.236 ug/l    | 84     |
| 43) Isopropyl Acetate          | 6.41  | 43  | 7488    | 0.202 ug/l #  | 71     |
| 48) Methyl methacrylate        | 7.74  | 41  | 7940    | 0.429 ug/l #  | 33     |
| 49) 1,4-Dioxane                | 7.70  | 88  | 285     | 0.825 ug/l #  | 1      |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43  | 19150   | 0.912 ug/l    | 98     |
| 52) Toluene                    | 8.77  | 92  | 816563  | 26.819 ug/l   | 99     |
| 59) 2-Hexanone                 | 9.48  | 43  | 6872    | 0.433 ug/l    | 92     |
| 67) Ethyl Benzene              | 10.24 | 91  | 312377  | 4.934 ug/l    | 98     |
| 68) m/p-Xylenes                | 10.34 | 106 | 408533  | 17.329 ug/l   | 96     |
| 69) o-Xylene                   | 10.68 | 106 | 197141  | 8.462 ug/l    | 98     |
| 70) Styrene                    | 10.70 | 104 | 128843  | 3.143 ug/l #  | 83     |
| 73) Isopropylbenzene           | 11.01 | 105 | 18605   | 0.286 ug/l    | 99     |
| 76) 1,2,3-Trichloropropane     | 11.12 | 75  | 516206  | 25.272 ug/l # | 35     |
| 78) n-propylbenzene            | 11.34 | 91  | 34510   | 0.464 ug/l    | 98     |
| 79) 2-Chlorotoluene            | 11.42 | 91  | 18223   | 0.400 ug/l #  | 49     |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105 | 58669   | 1.056 ug/l    | 99     |
| 81) trans-1,4-Dichloro-2-buten | 11.12 | 75  | 516206  | 60.640 ug/l # | 10     |

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Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
COMP-1

Quant Time: Apr 07 05:01:32 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X032720W.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 27 09:35:51 2020  
Response via : Initial Calibration

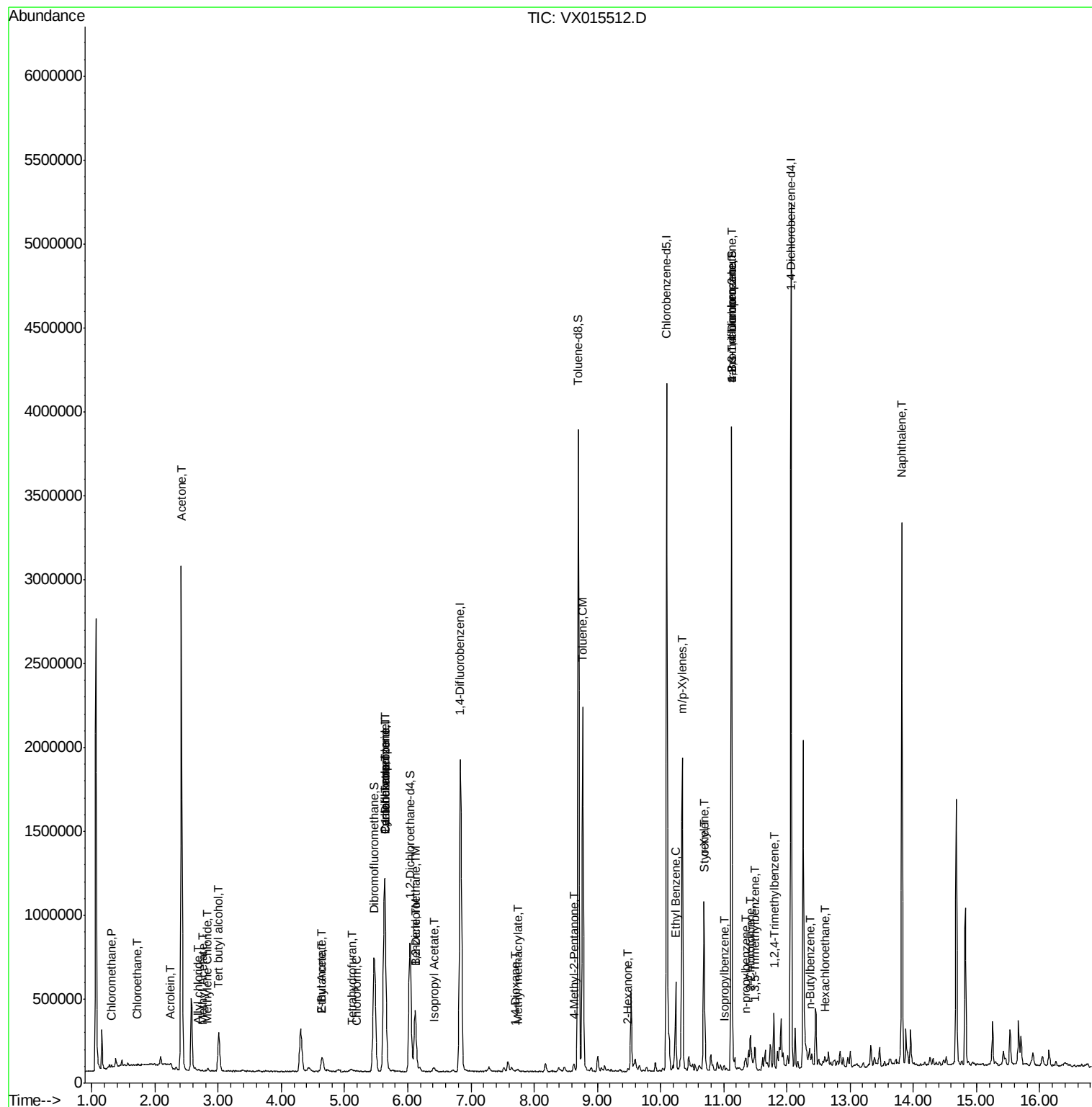
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|----------------------------|-------|------|----------|--------|--------|----------|
| 84) 1,2,4-Trimethylbenzene | 11.79 | 105  | 139976   | 2.471  | ug/l   | 97       |
| 89) n-Butylbenzene         | 12.37 | 91   | 12155    | 0.231  | ug/l # | 42       |
| 90) Hexachloroethane       | 12.60 | 117  | 3759     | 0.331  | ug/l # | 20       |
| 95) Naphthalene            | 13.82 | 128  | 1793558  | 24.442 | ug/l   | 100      |

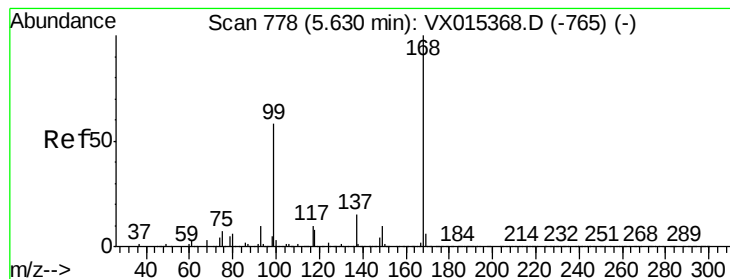
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015512.D

Acq: 06 Apr 2020 15:03

Instrument :

MSVOA\_X

ClientSampleId :

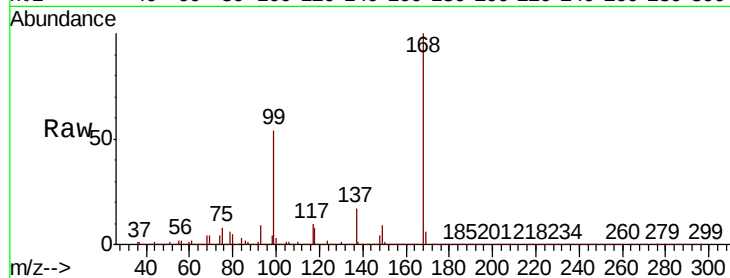
COMP-1

Tot Ion:168 Resp: 1155196

Ion Ratio Lower Upper

168 100

99 53.9 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

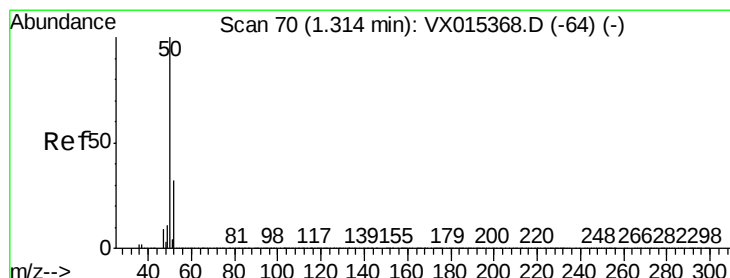
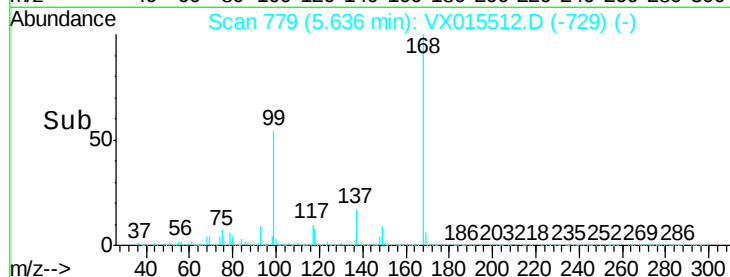
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.491 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015512.D

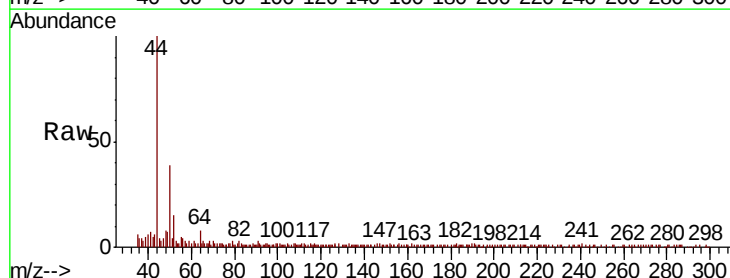
Acq: 06 Apr 2020 15:03

Tgt Ion: 50 Resp: 6362

Ion Ratio Lower Upper

50 100

52 36.0 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

8000

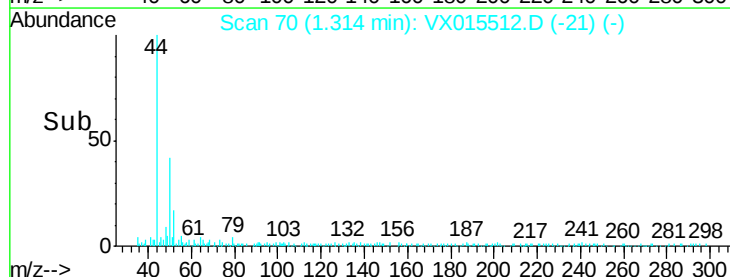
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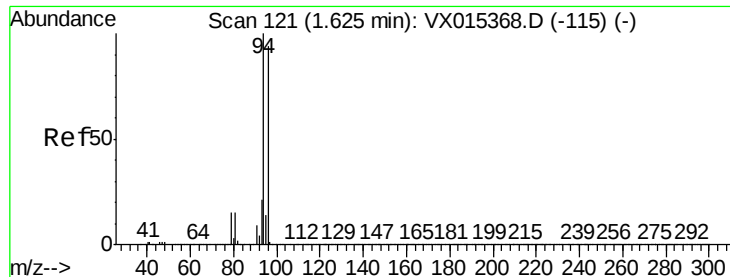
4000

2000

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015512.D

Acq: 06 Apr 2020 15:03

Instrument :

MSVOA\_X

ClientSampleId :

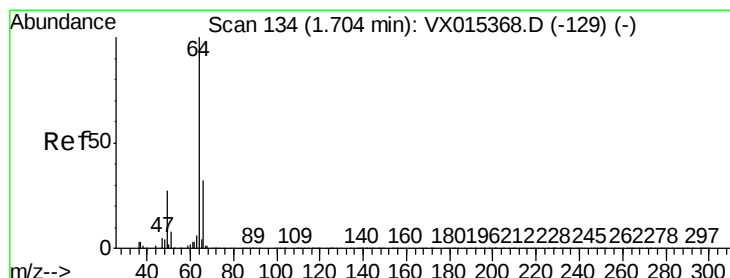
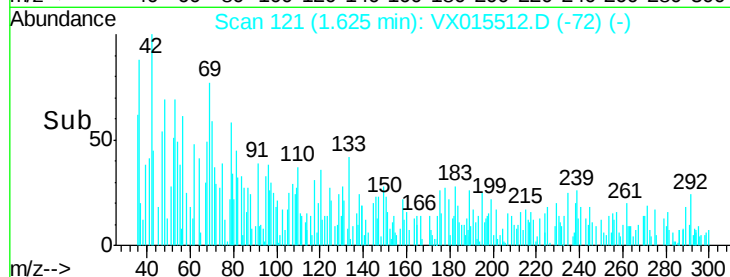
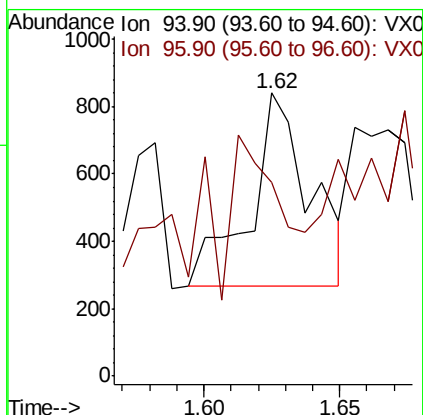
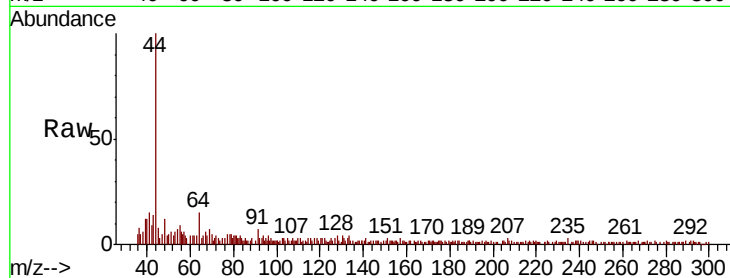
COMP-1

Tot Ion: 94 Resp: 867

Ion Ratio Lower Upper

94 100

96 101.4 74.8 112.2



#6

Chloroethane

Concen: 0.261 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.02 min

Lab File: VX015512.D

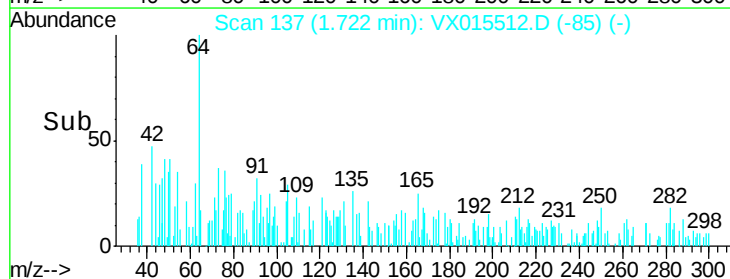
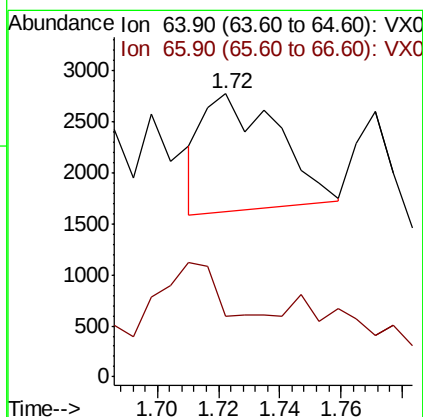
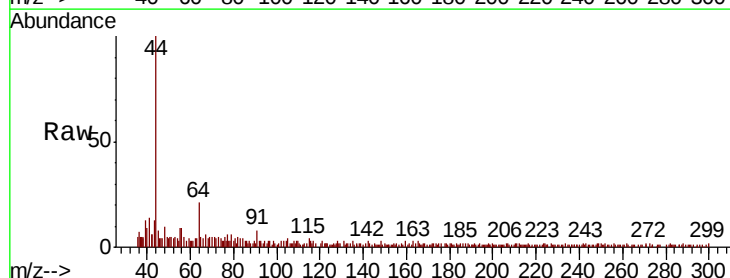
Acq: 06 Apr 2020 15:03

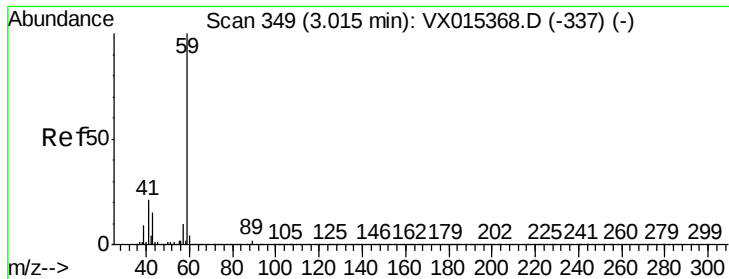
Tgt Ion: 64 Resp: 1923

Ion Ratio Lower Upper

64 100

66 0.0 25.4 38.2#

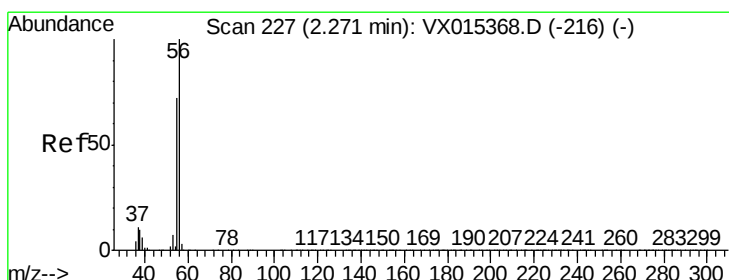
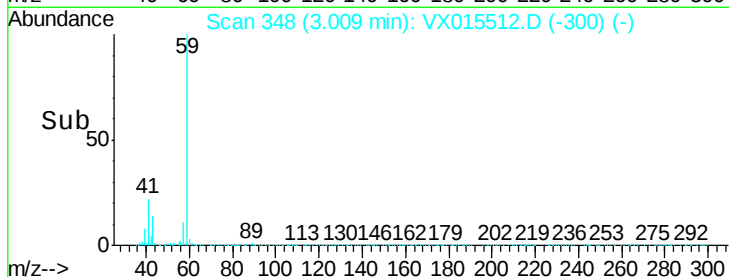
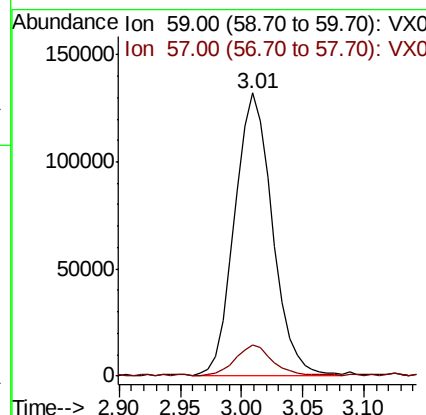
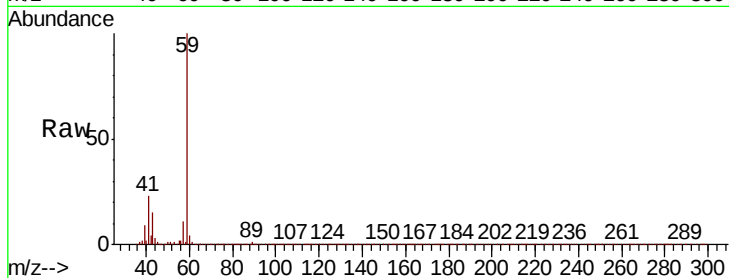




#11  
Tert butyl alcohol  
Concen: 71.860 ug/l  
RT: 3.01 min Scan# 348  
Delta R.T. -0.01 min  
Lab File: VX015512.D  
Acq: 06 Apr 2020 15:03

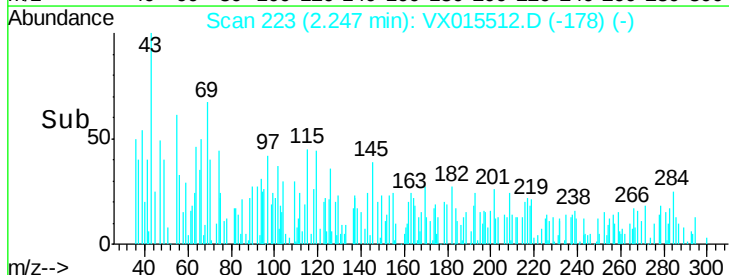
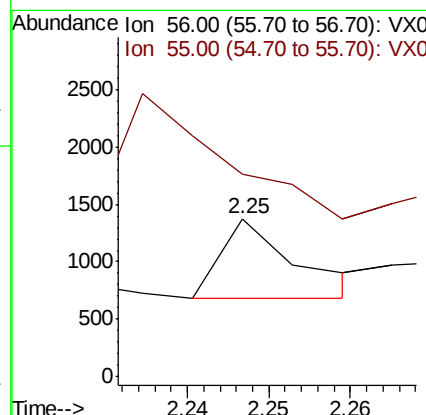
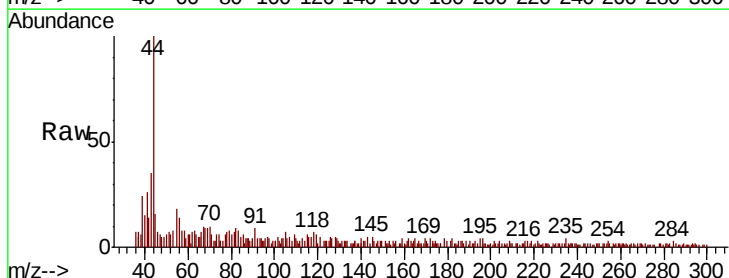
Instrument :  
MSVOA\_X  
ClientSampled :  
COMP-1

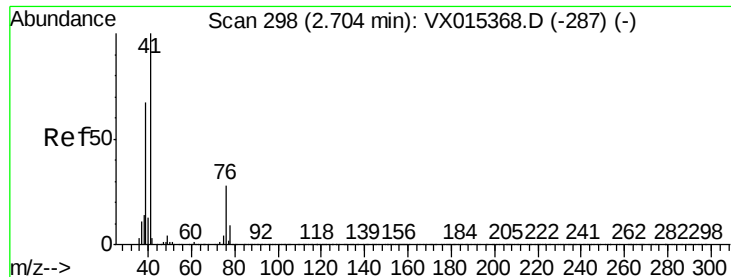
Tot Ion: 59 Resp: 280239  
Ion Ratio Lower Upper  
59 100  
57 10.4 8.1 12.1



#13  
Acrolein  
Concen: 0.202 ug/l  
RT: 2.25 min Scan# 223  
Delta R.T. -0.02 min  
Lab File: VX015512.D  
Acq: 06 Apr 2020 15:03

Tgt Ion: 56 Resp: 448  
Ion Ratio Lower Upper  
56 100  
55 705.1 57.0 85.4#

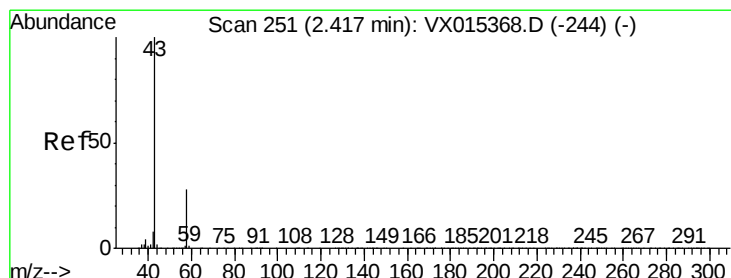
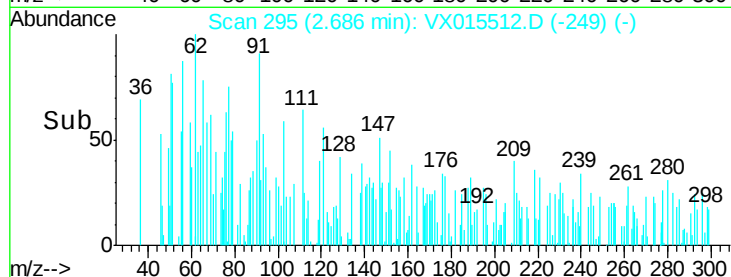
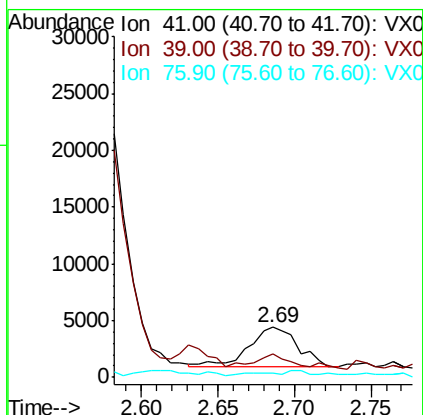
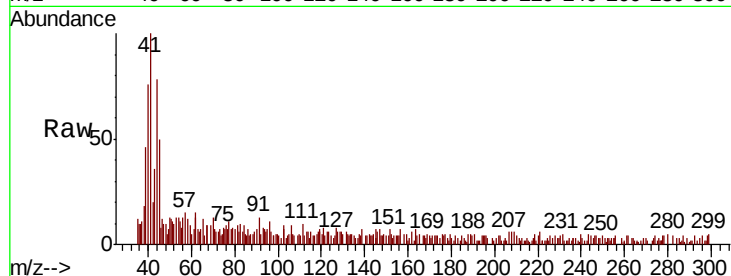




#14  
Allv1 chloride  
Concen: 0.305 ug/l  
RT: 2.69 min Scan# 295  
Delta R.T. -0.02 min  
Lab File: VX015512.D  
Acq: 06 Apr 2020 15:03

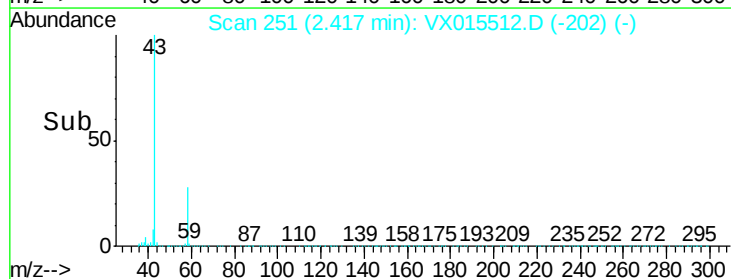
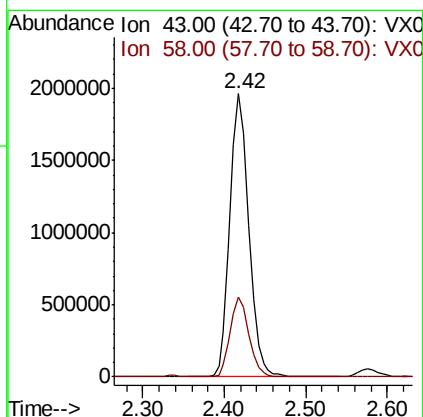
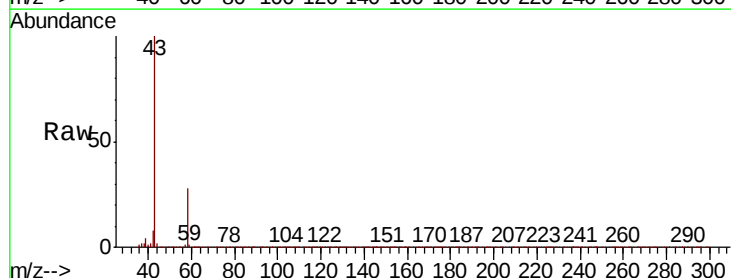
Instrument :  
MSVOA\_X  
ClientSampleId :  
COMP-1

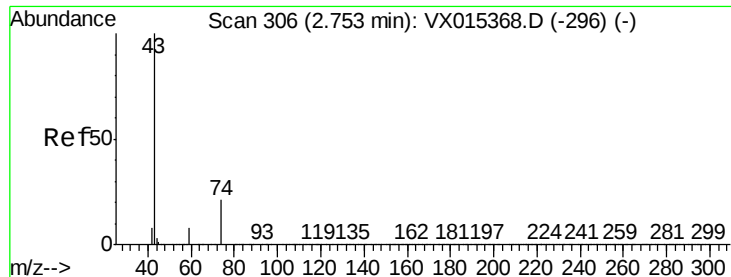
Tot Ion: 41 Resp: 7777  
Ion Ratio Lower Upper  
41 100  
39 0.0 51.4 77.0#  
76 5.1 21.8 32.8#



#16  
Acetone  
Concen: 446.973 ug/l  
RT: 2.42 min Scan# 251  
Delta R.T. 0.00 min  
Lab File: VX015512.D  
Acq: 06 Apr 2020 15:03

Tgt Ion: 43 Resp: 3128704  
Ion Ratio Lower Upper  
43 100  
58 28.0 22.1 33.1

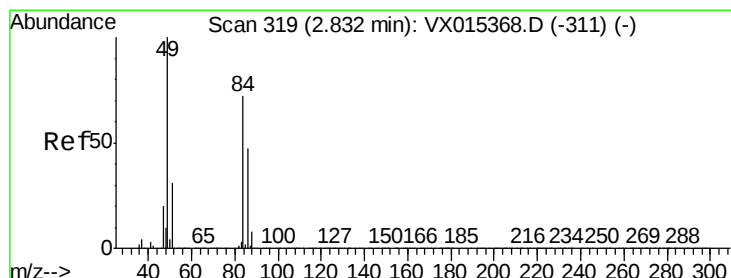
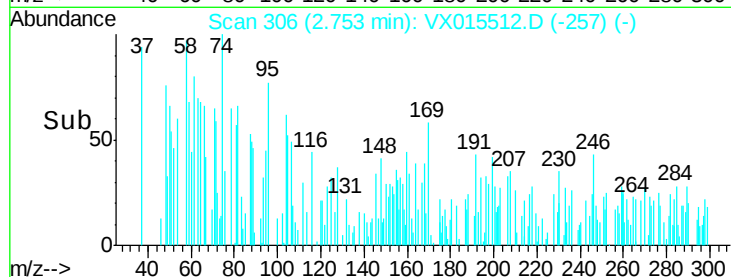
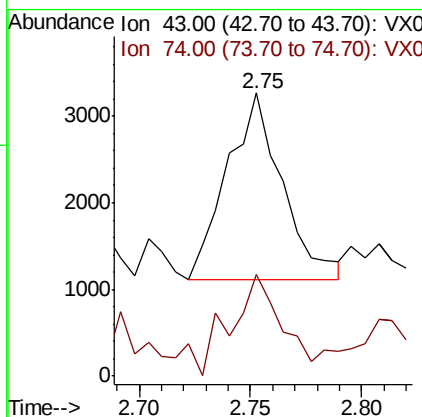
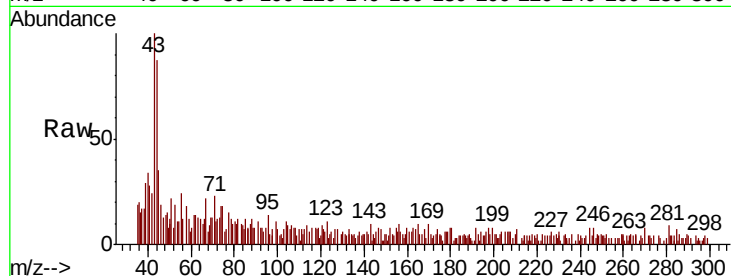




#18  
Methyl Acetate  
Concen: 0.210 ug/l  
RT: 2.75 min Scan# 306  
Delta R.T. 0.00 min  
Lab File: VX015512.D  
Acq: 06 Apr 2020 15:03

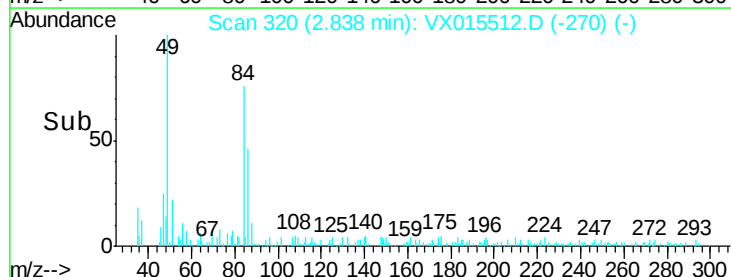
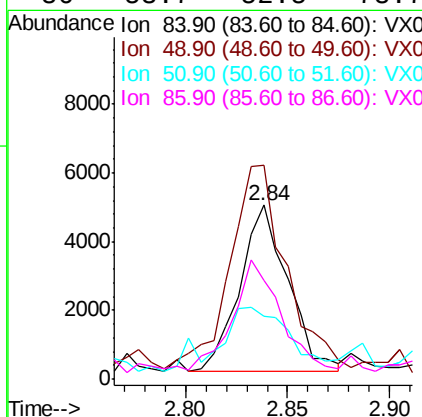
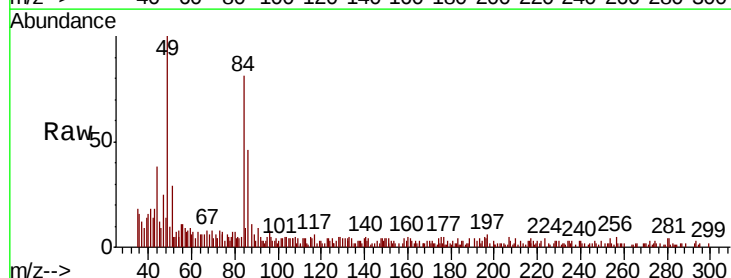
Instrument :  
MSVOA\_X  
ClientSampled :  
COMP-1

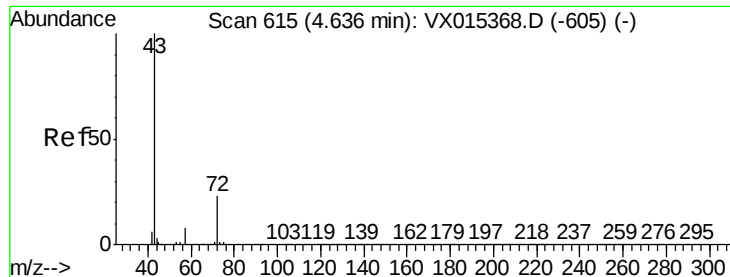
Tot Ion: 43 Resp: 3747  
Ion Ratio Lower Upper  
43 100  
74 38.0 16.5 24.7#



#20  
Methylene Chloride  
Concen: 0.604 ug/l  
RT: 2.84 min Scan# 320  
Delta R.T. 0.01 min  
Lab File: VX015512.D  
Acq: 06 Apr 2020 15:03

Tgt Ion: 84 Resp: 7898  
Ion Ratio Lower Upper  
84 100  
49 117.2 111.3 166.9  
51 25.6 34.0 51.0#  
86 53.7 52.5 78.7





#25

2-Butanone

Concen: 12.263 ug/l

RT: 4.64 min Scan# 616

Delta R.T. 0.01 min

Lab File: VX015512.D

Acq: 06 Apr 2020 15:03

Instrument :

MSVOA\_X

ClientSampled :

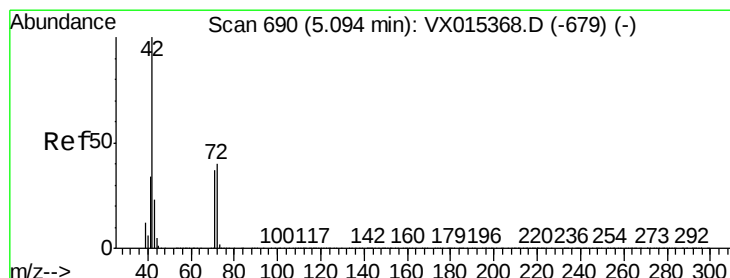
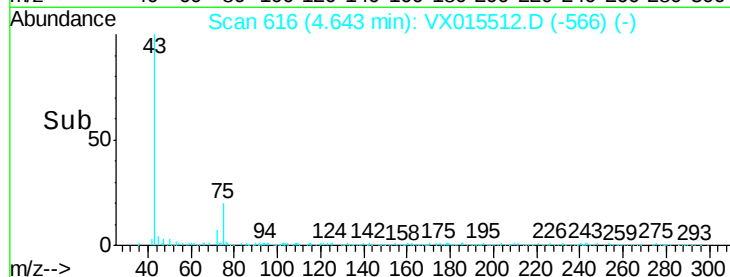
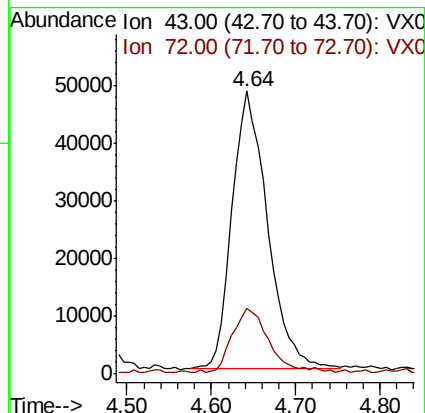
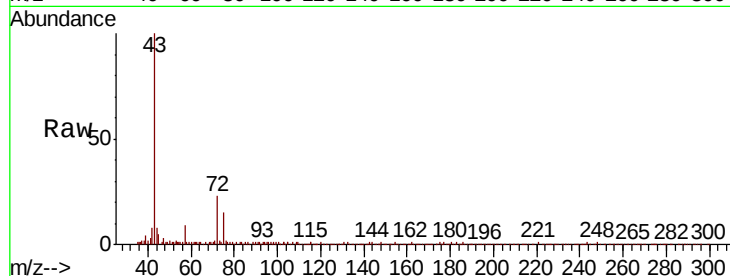
COMP-1

Tot Ion: 43 Resp: 138051

Ion Ratio Lower Upper

43 100

72 22.8 19.0 28.4



#29

Tetrahydrofuran

Concen: 1.216 ug/l

RT: 5.11 min Scan# 692

Delta R.T. 0.01 min

Lab File: VX015512.D

Acq: 06 Apr 2020 15:03

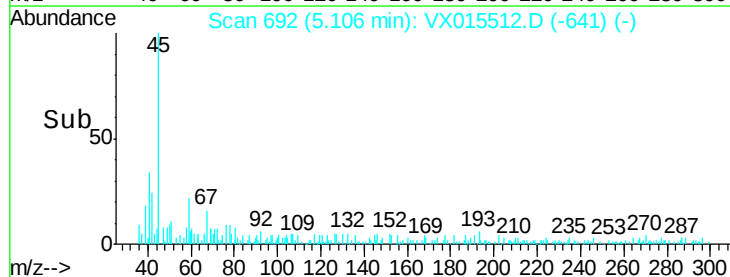
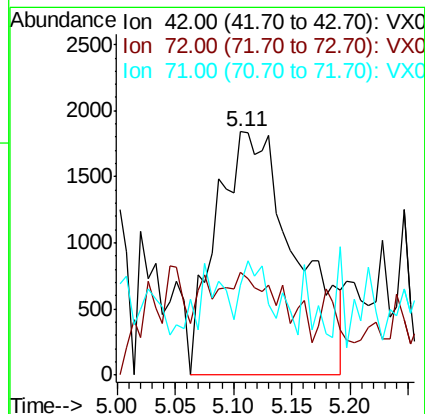
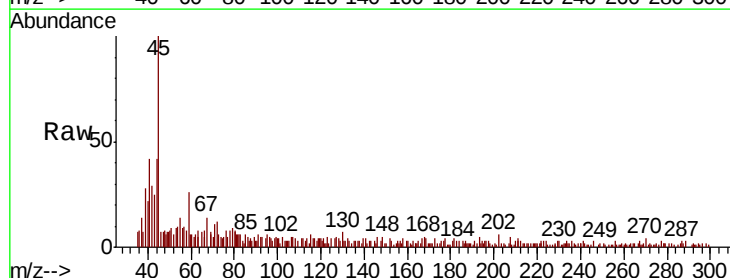
Tgt Ion: 42 Resp: 8799

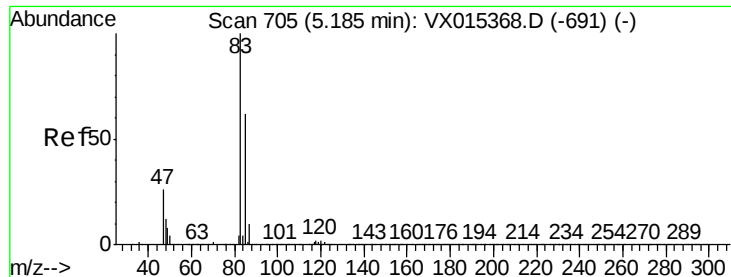
Ion Ratio Lower Upper

42 100

72 0.0 31.7 47.5#

71 9.6 29.6 44.4#

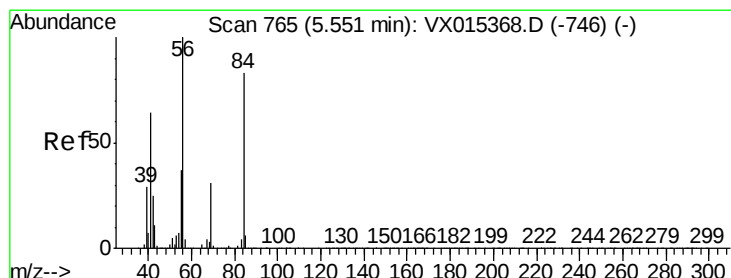
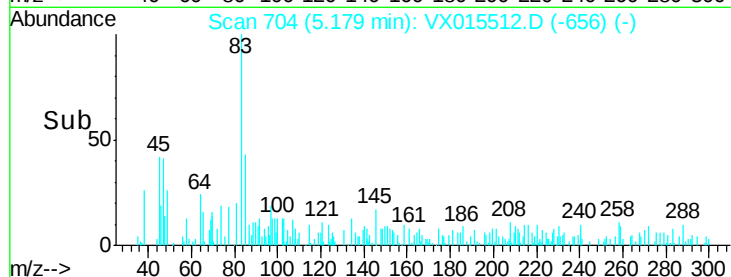
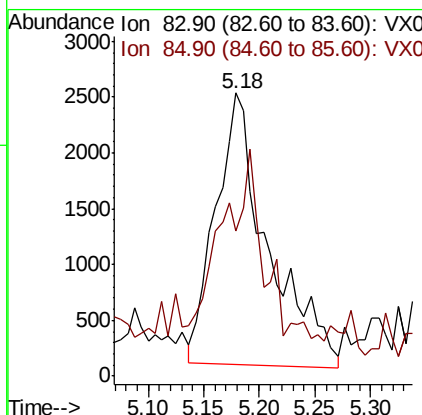
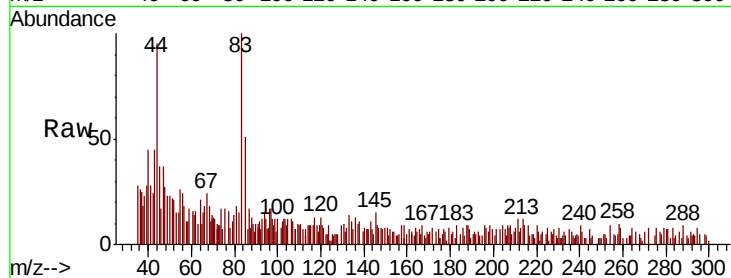




#30  
Chloroform  
Concen: 0.347 ug/l  
RT: 5.18 min Scan# 704  
Delta R.T. -0.01 min  
Lab File: VX015512.D  
Acq: 06 Apr 2020 15:03

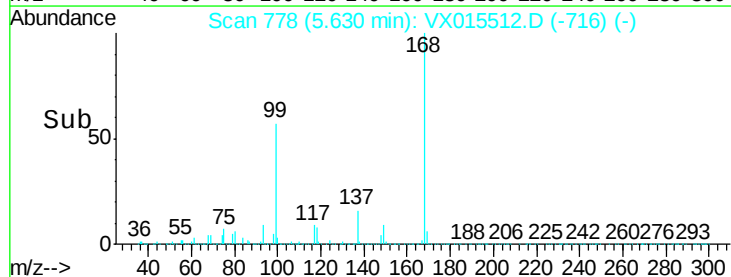
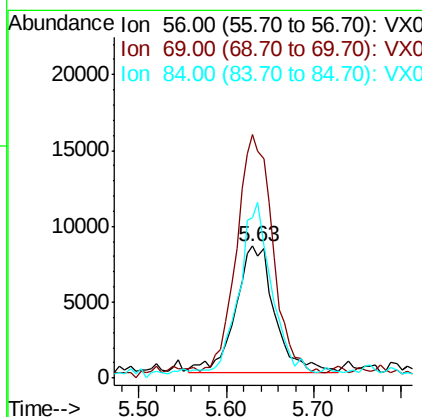
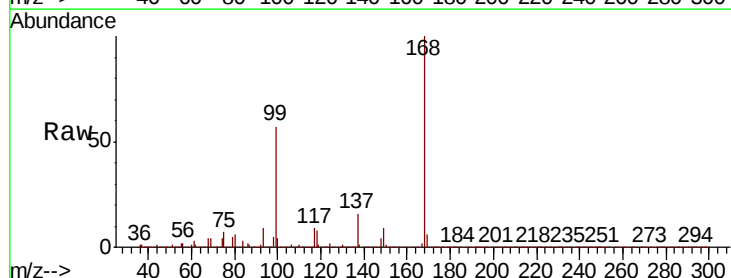
Instrument :  
MSVOA\_X  
ClientSampled :  
COMP-1

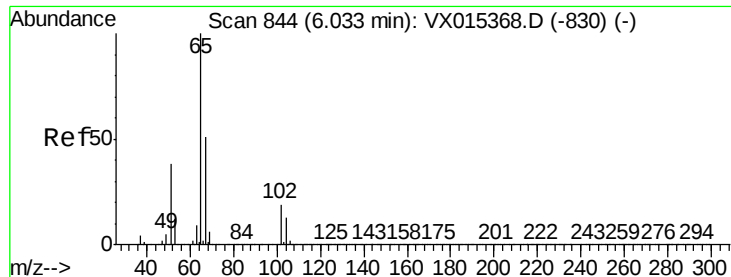
Tot Ion: 83 Resp: 7943  
Ion Ratio Lower Upper  
83 100  
85 40.4 49.5 74.3#



#31  
Cyclohexane  
Concen: 1.239 ug/l  
RT: 5.63 min Scan# 778  
Delta R.T. 0.08 min  
Lab File: VX015512.D  
Acq: 06 Apr 2020 15:03

Tgt Ion: 56 Resp: 25561  
Ion Ratio Lower Upper  
56 100  
69 187.3 24.6 36.8#  
84 122.4 66.1 99.1#





#33

1,2-Dichloroethane-d4

Concen: 46.834 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015512.D

Acq: 06 Apr 2020 15:03

Instrument :

MSVOA\_X

ClientSampleId :

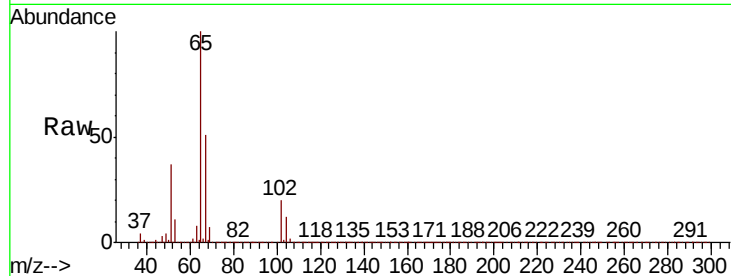
COMP-1

Tot Ion: 65 Resp: 763056

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

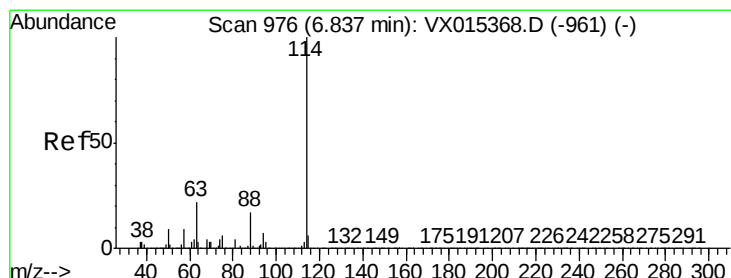
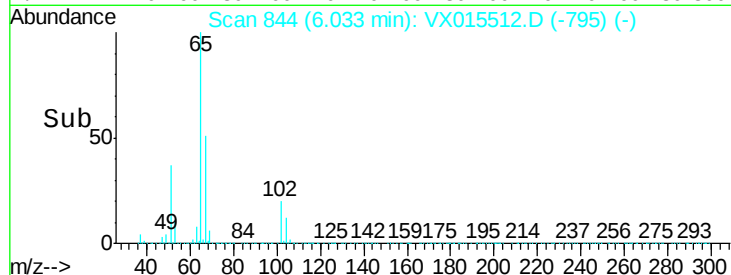
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015512.D

Acq: 06 Apr 2020 15:03

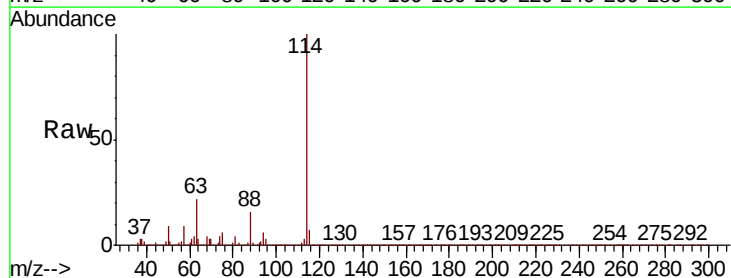
Tgt Ion: 114 Resp: 1829759

Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.2

88 15.7 0.0 33.8



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

6.83

1000000

800000

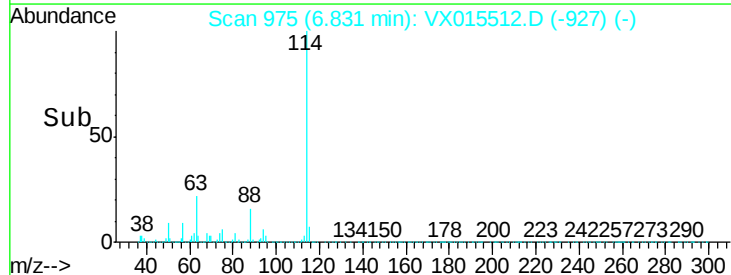
600000

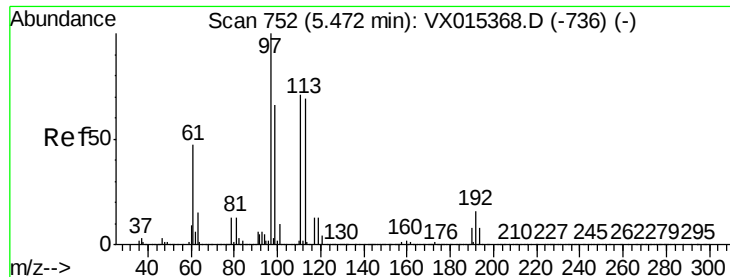
400000

200000

0

Time-->

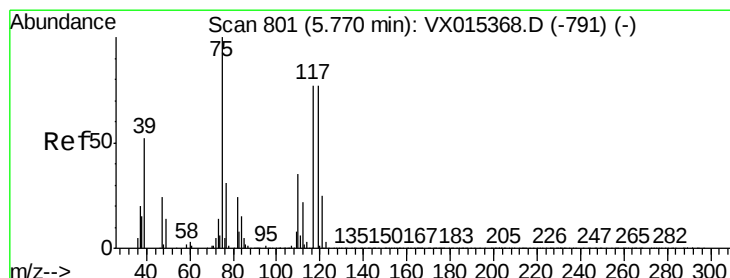
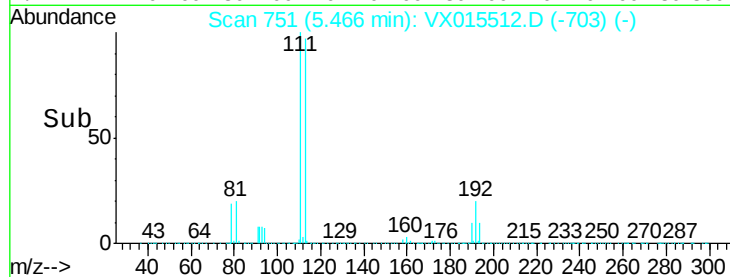
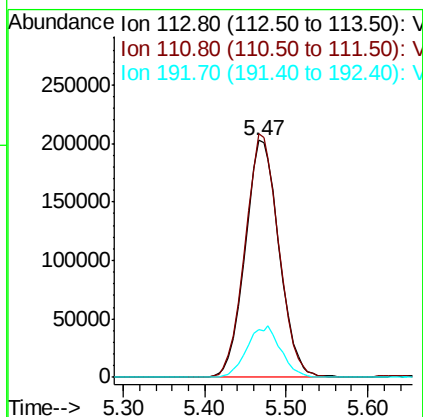
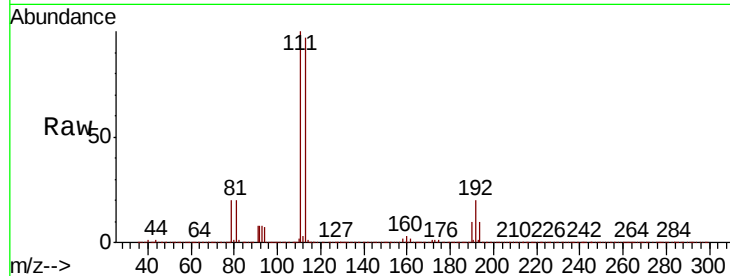




#35  
Dibromofluoromethane  
Concen: 50.018 ug/l  
RT: 5.47 min Scan# 751  
Delta R.T. -0.01 min  
Lab File: VX015512.D  
Acq: 06 Apr 2020 15:03

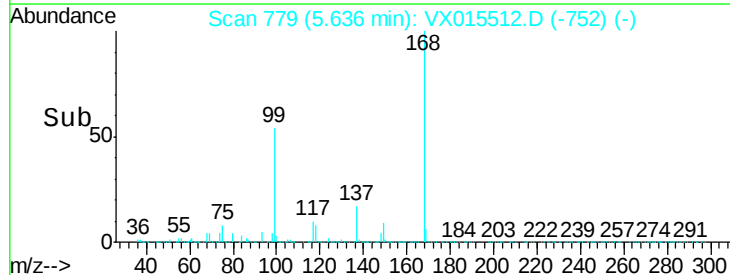
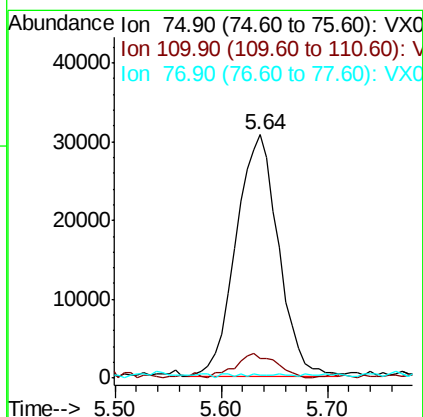
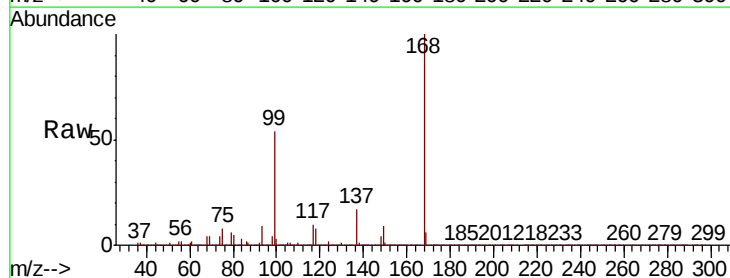
Instrument :  
MSVOA\_X  
ClientSampled :  
COMP-1

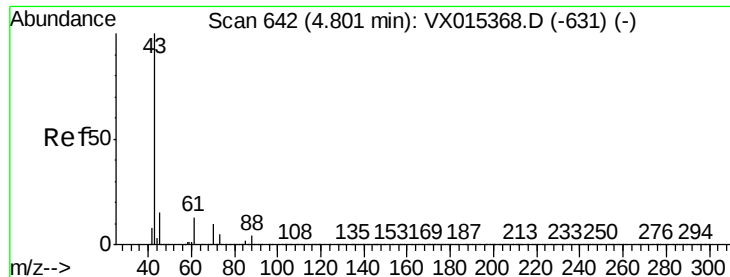
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.5 | 81.5  | 122.3 |
| 192     | 21.8  | 17.8  | 26.6  |



#36  
1,1-Dichloropropene  
Concen: 5.076 ug/l  
RT: 5.64 min Scan# 779  
Delta R.T. -0.13 min  
Lab File: VX015512.D  
Acq: 06 Apr 2020 15:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 9.8   | 17.1  | 51.3# |
| 77      | 0.0   | 24.6  | 36.8# |

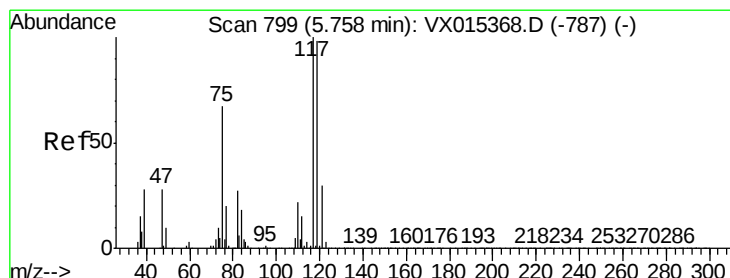
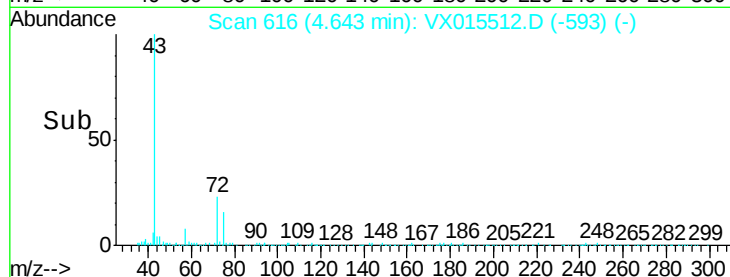
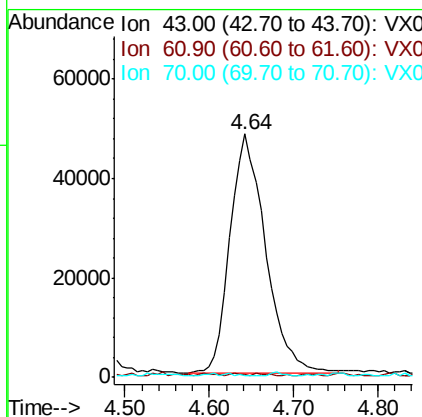
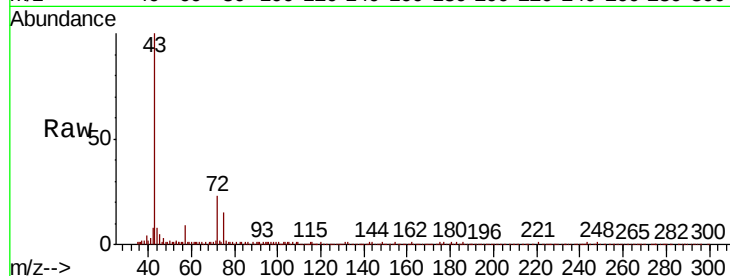




#37  
Ethyl Acetate  
Concen: 6.289 ug/l  
RT: 4.64 min Scan# 616  
Delta R.T. -0.16 min  
Lab File: VX015512.D  
Acq: 06 Apr 2020 15:03

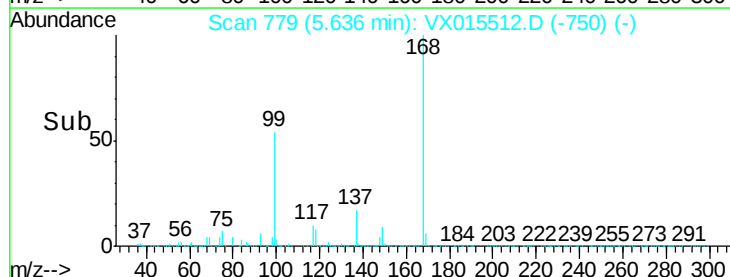
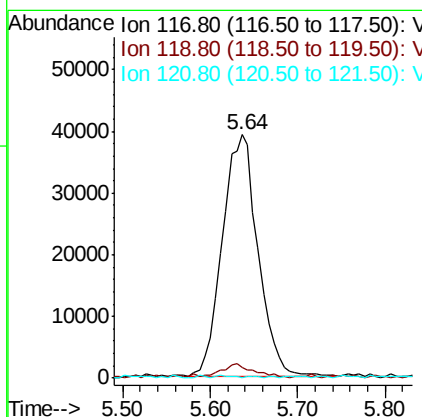
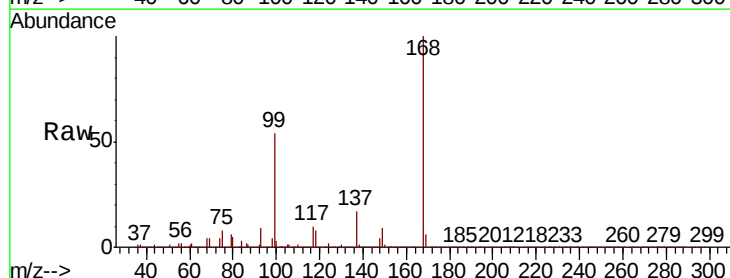
Instrument :  
MSVOA\_X  
ClientSampleId :  
COMP-1

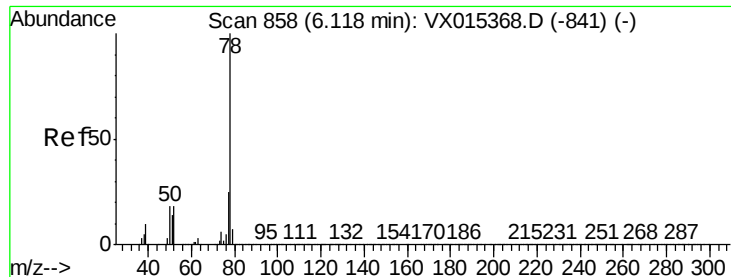
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 0.3   | 9.9   | 14.9# |
| 70      | 0.0   | 8.1   | 12.1# |



#38  
Carbon Tetrachloride  
Concen: 6.063 ug/l  
RT: 5.64 min Scan# 779  
Delta R.T. -0.12 min  
Lab File: VX015512.D  
Acq: 06 Apr 2020 15:03

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 4.0   | 78.0  | 117.0# |
| 121     | 0.5   | 23.8  | 35.8#  |





#40

Benzene

Concen: 8.489 ug/l

RT: 6.12 min Scan# 858

Delta R.T. 0.00 min

Lab File: VX015512.D

Acq: 06 Apr 2020 15:03

Instrument :

MSVOA\_X

ClientSampleId :

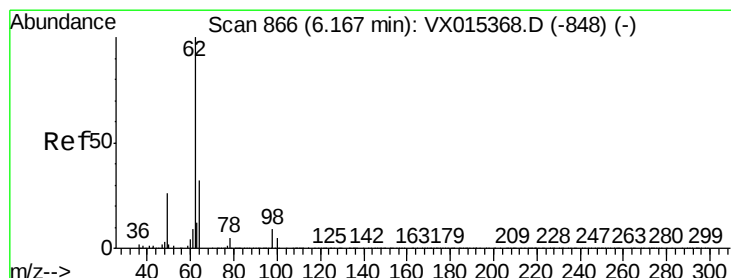
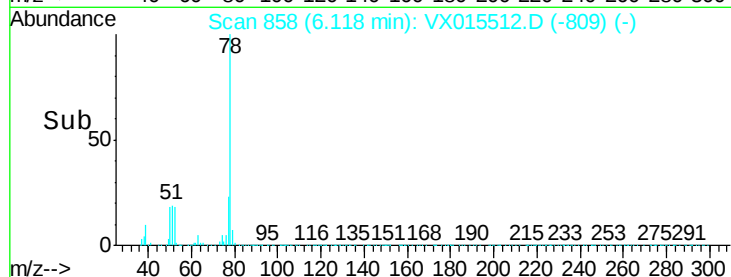
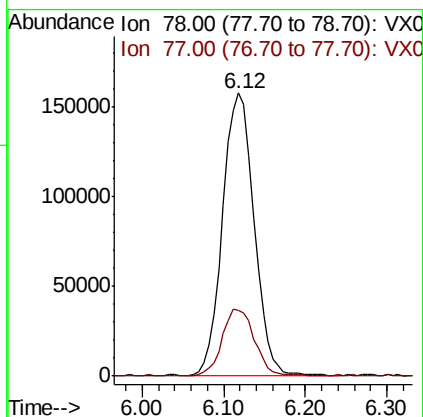
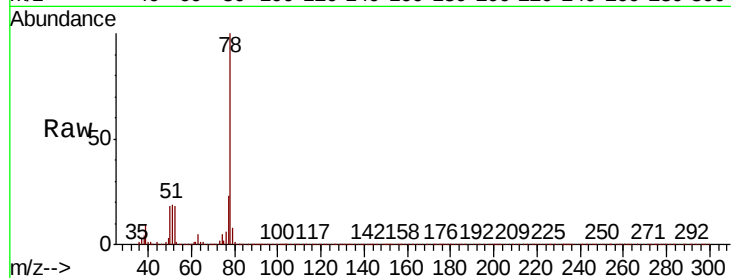
COMP-1

Tot Ion: 78 Resp: 419254

Ion Ratio Lower Upper

78 100

77 22.8 19.8 29.8



#42

1,2-Dichloroethane

Concen: 0.236 ug/l

RT: 6.11 min Scan# 857

Delta R.T. -0.05 min

Lab File: VX015512.D

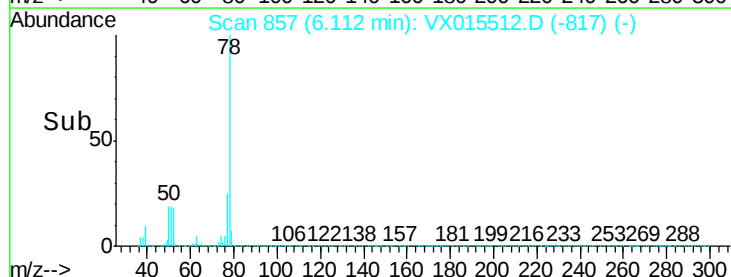
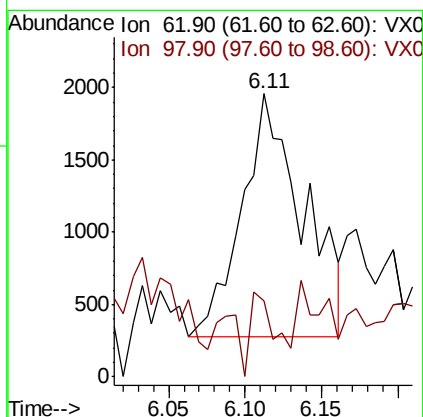
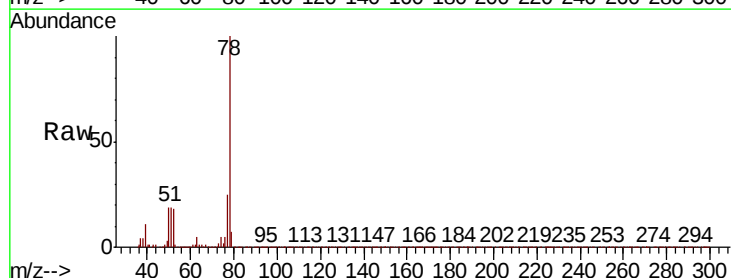
Acq: 06 Apr 2020 15:03

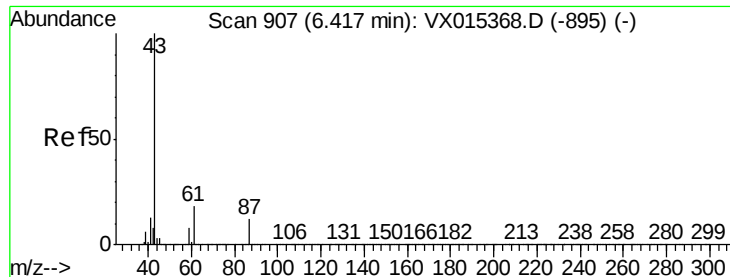
Tgt Ion: 62 Resp: 4677

Ion Ratio Lower Upper

62 100

98 14.7 0.0 17.6





#43

Isopropyl Acetate

Concen: 0.202 ug/l

RT: 6.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: VX015512.D

Acq: 06 Apr 2020 15:03

Instrument :

MSVOA\_X

ClientSampleId :

COMP-1

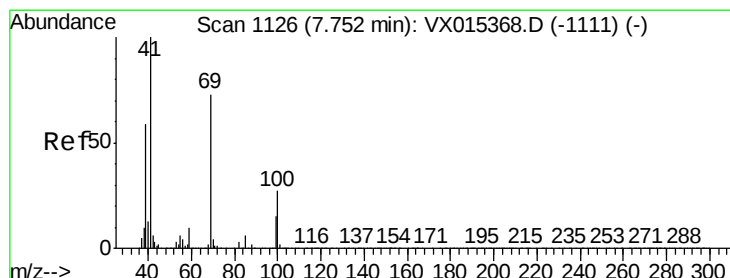
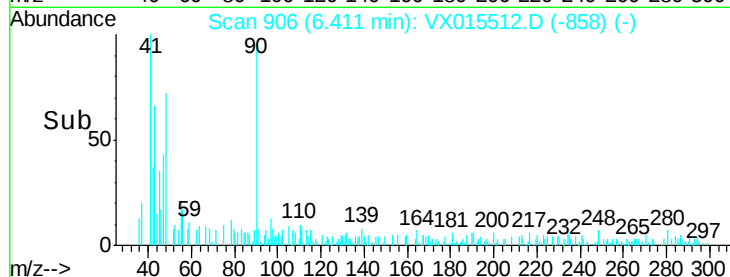
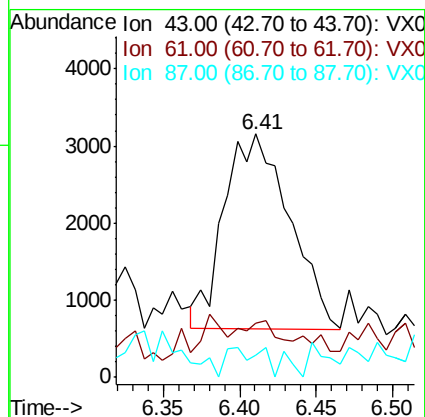
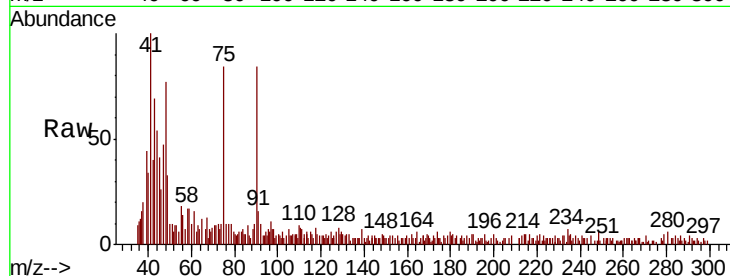
Tot Ion: 43 Resp: 7488

Ion Ratio Lower Upper

43 100

61 0.0 14.8 22.2#

87 8.1 9.4 14.0#



#48

Methyl methacrylate

Concen: 0.429 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. -0.01 min

Lab File: VX015512.D

Acq: 06 Apr 2020 15:03

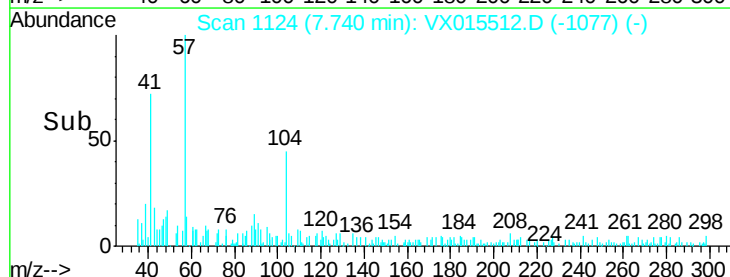
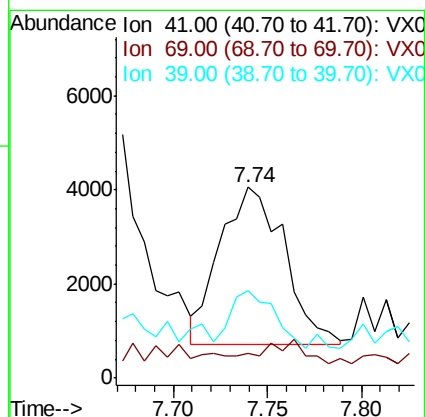
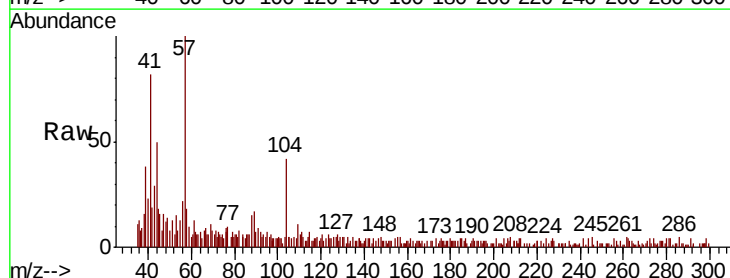
Tgt Ion: 41 Resp: 7940

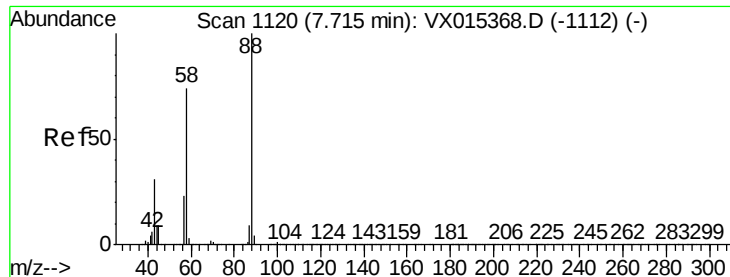
Ion Ratio Lower Upper

41 100

69 0.0 56.7 85.1#

39 24.7 46.5 69.7#





#49

1,4-Dioxane

Concen: 0.825 ug/l

RT: 7.70 min Scan# 1117

Delta R.T. -0.02 min

Lab File: VX015512.D

Acq: 06 Apr 2020 15:03

Instrument :

MSVOA\_X

ClientSampled :

COMP-1

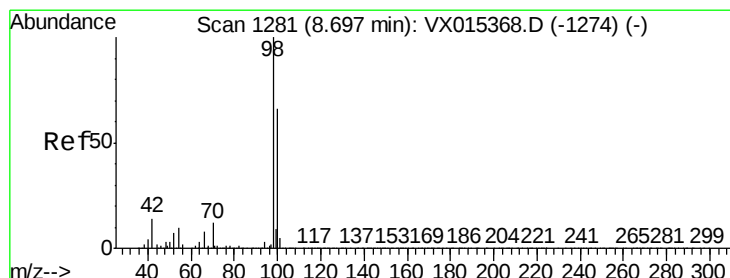
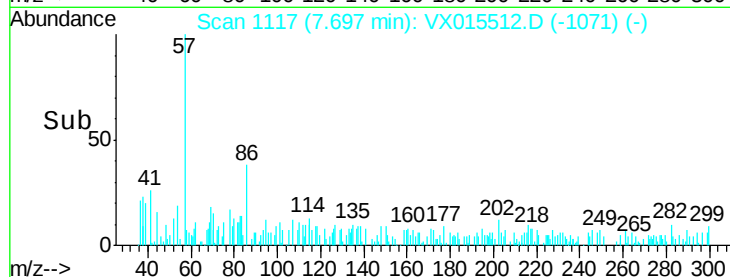
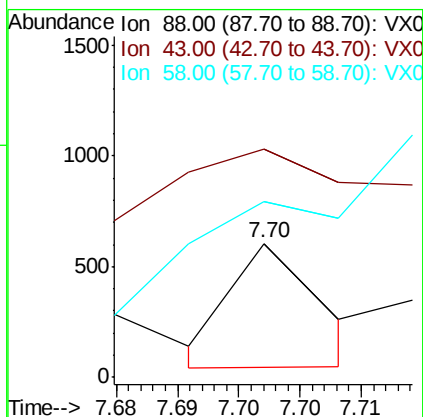
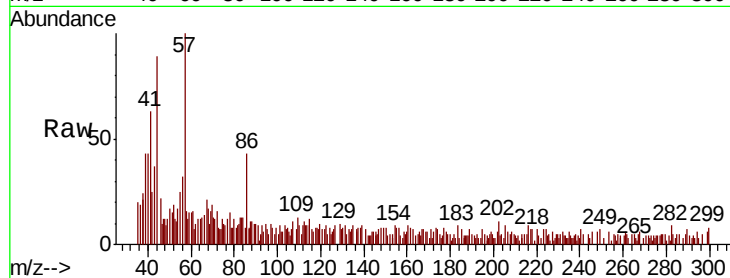
Tot Ion: 88 Resp: 285

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

58 321.8 60.6 90.8#



#50

Toluene-d8

Concen: 51.413 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015512.D

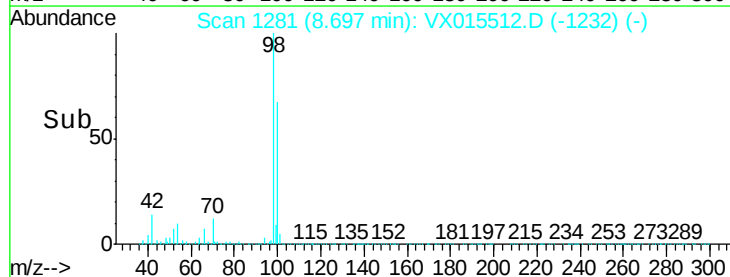
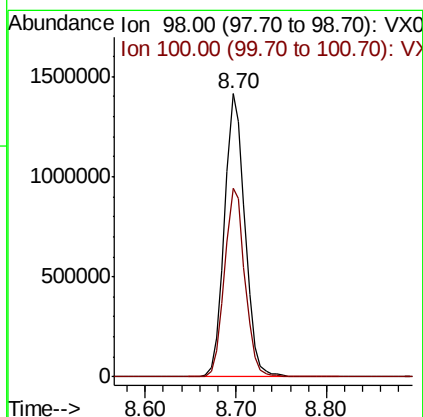
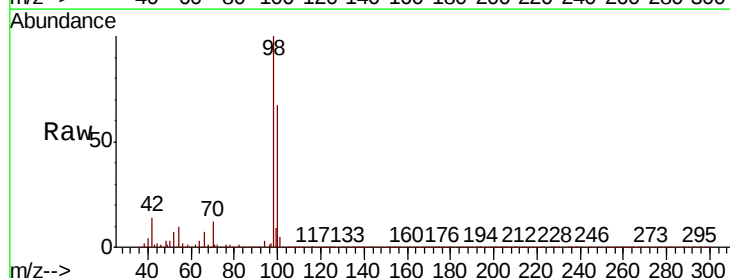
Acq: 06 Apr 2020 15:03

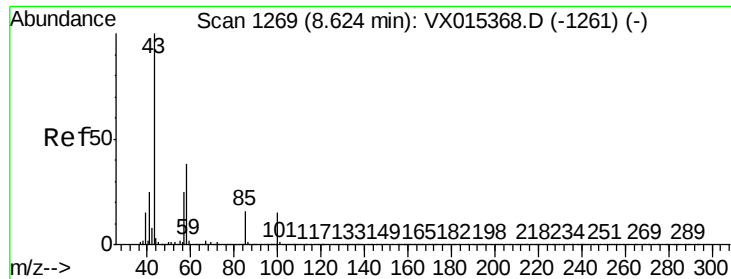
Tgt Ion: 98 Resp: 2213997

Ion Ratio Lower Upper

98 100

100 66.6 53.5 80.3

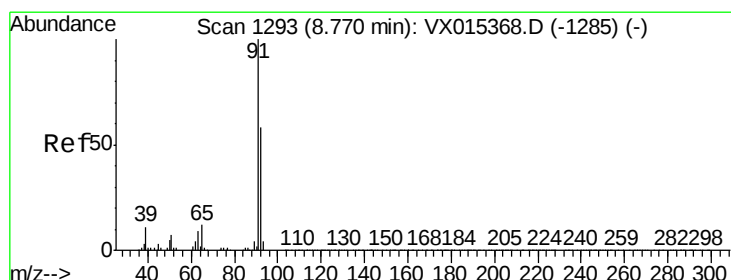
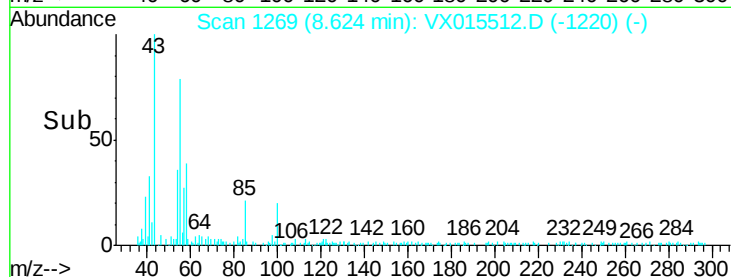
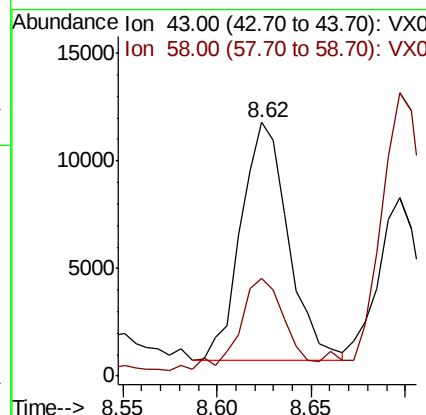
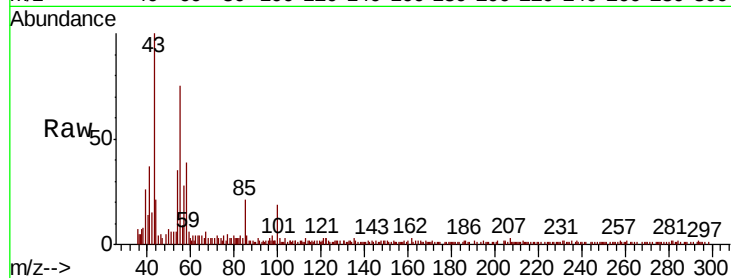




#51  
4-Methyl-2-Pentanone  
Concen: 0.912 ug/l  
RT: 8.62 min Scan# 1269  
Delta R.T. 0.00 min  
Lab File: VX015512.D  
Acq: 06 Apr 2020 15:03

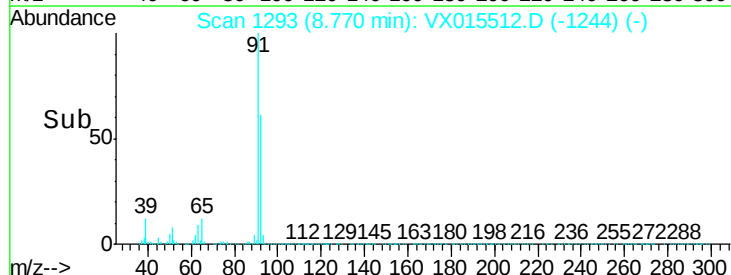
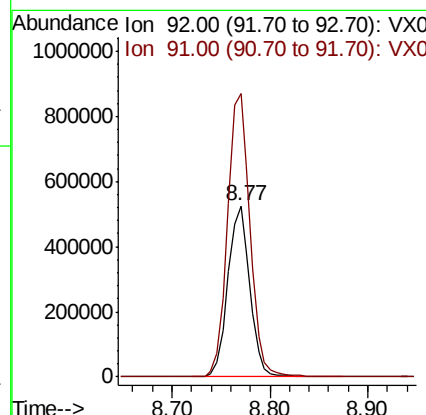
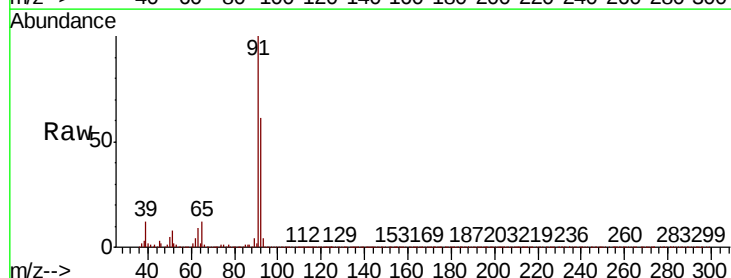
Instrument :  
MSVOA\_X  
ClientSampled :  
COMP-1

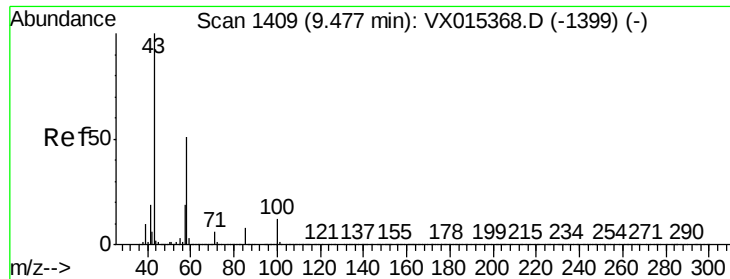
Tot Ion: 43 Resp: 19150  
Ion Ratio Lower Upper  
43 100  
58 38.1 29.7 44.5



#52  
Toluene  
Concen: 26.819 ug/l  
RT: 8.77 min Scan# 1293  
Delta R.T. 0.00 min  
Lab File: VX015512.D  
Acq: 06 Apr 2020 15:03

Tgt Ion: 92 Resp: 816563  
Ion Ratio Lower Upper  
92 100  
91 169.6 136.6 205.0

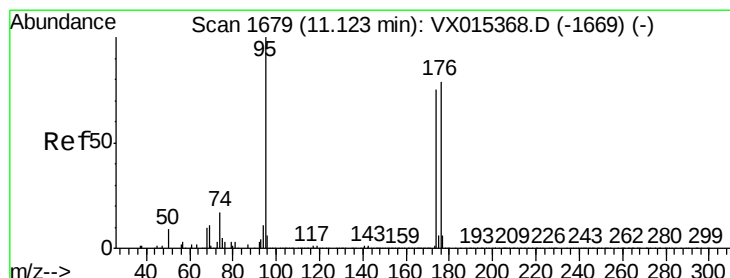
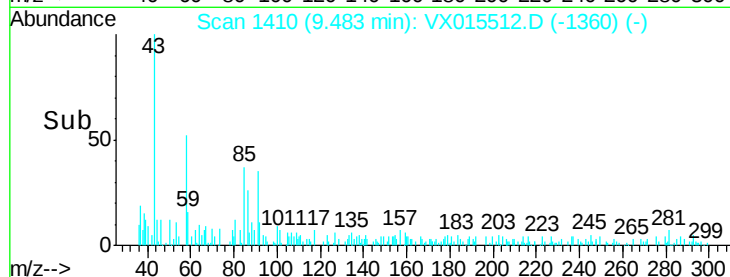
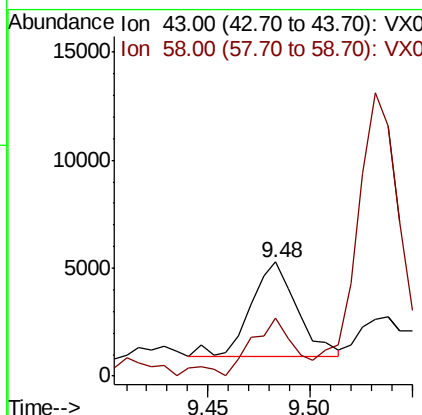
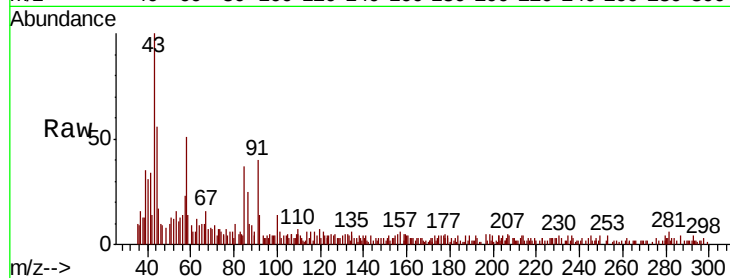




#59  
2-Hexanone  
Concen: 0.433 ug/l  
RT: 9.48 min Scan# 1410  
Delta R.T. 0.01 min  
Lab File: VX015512.D  
Acq: 06 Apr 2020 15:03

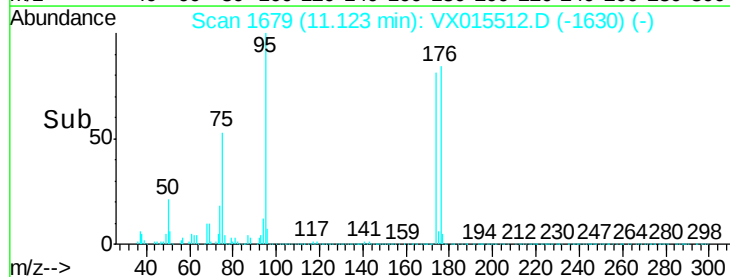
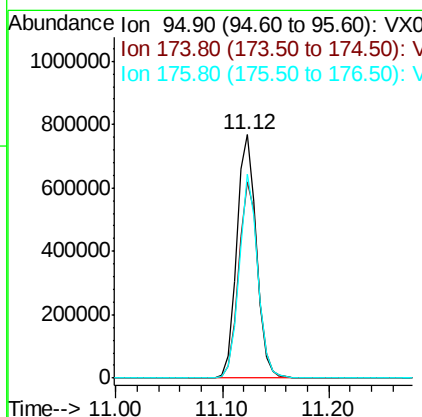
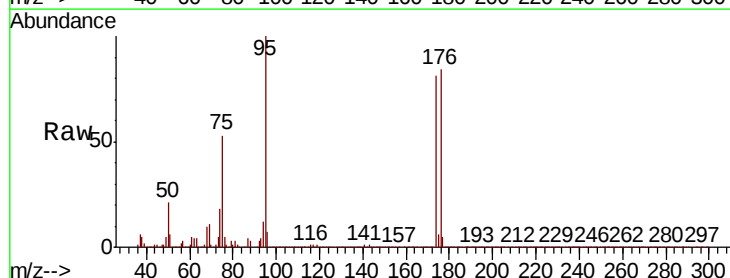
Instrument :  
MSVOA\_X  
ClientSampleId :  
COMP-1

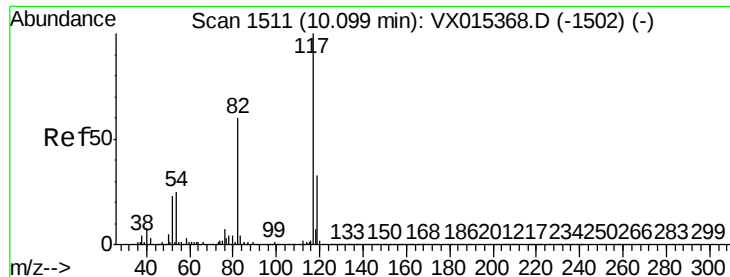
Tot Ion: 43 Resp: 6872  
Ion Ratio Lower Upper  
43 100  
58 56.6 25.6 76.6



#62  
4-Bromofluorobenzene  
Concen: 56.865 ug/l  
RT: 11.12 min Scan# 1679  
Delta R.T. 0.00 min  
Lab File: VX015512.D  
Acq: 06 Apr 2020 15:03

Tgt Ion: 95 Resp: 995180  
Ion Ratio Lower Upper  
95 100  
174 79.4 0.0 158.6  
176 78.9 0.0 159.0

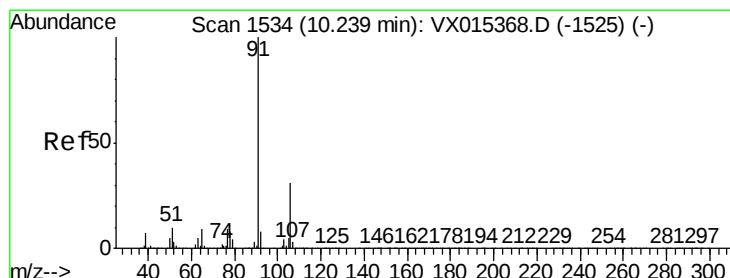
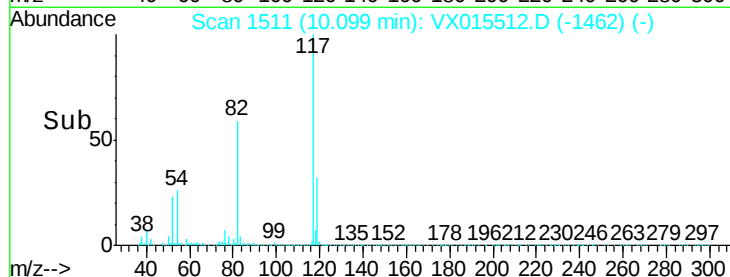
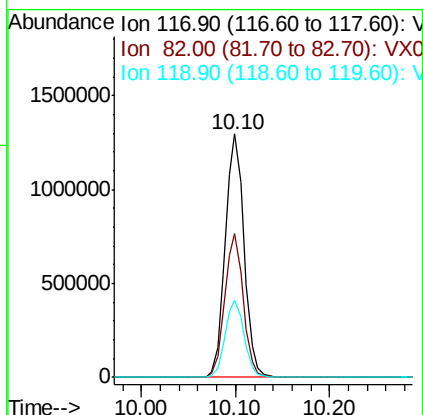
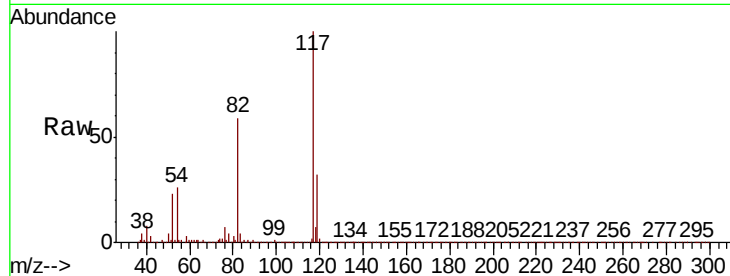




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1511  
Delta R.T. 0.00 min  
Lab File: VX015512.D  
Acq: 06 Apr 2020 15:03

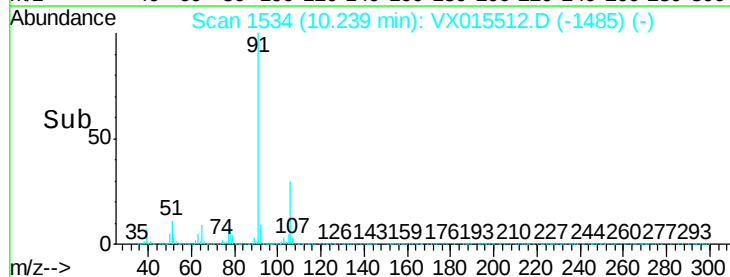
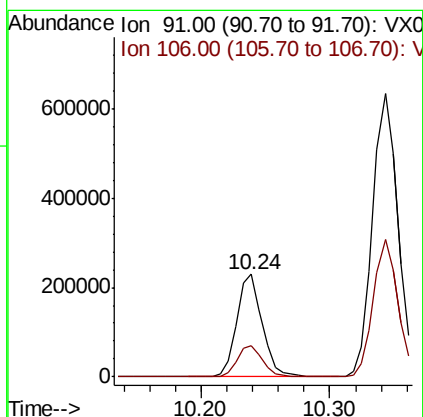
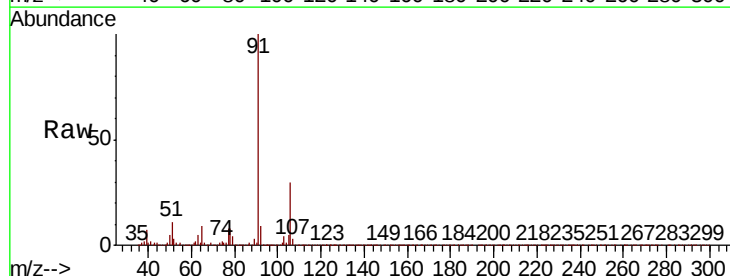
Instrument :  
MSVOA\_X  
ClientSampleId :  
COMP-1

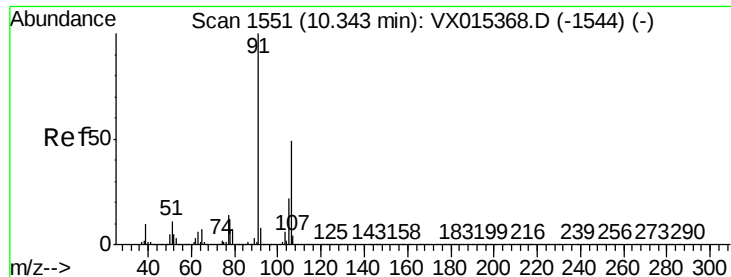
Tot Ion:117 Resp: 1789955  
Ion Ratio Lower Upper  
117 100  
82 58.9 47.8 71.8  
119 31.6 26.8 40.2



#67  
Ethyl Benzene  
Concen: 4.934 ug/l  
RT: 10.24 min Scan# 1534  
Delta R.T. 0.00 min  
Lab File: VX015512.D  
Acq: 06 Apr 2020 15:03

Tgt Ion: 91 Resp: 312377  
Ion Ratio Lower Upper  
91 100  
106 29.7 24.8 37.2





#68

m/p-Xvlenes

Concen: 17.329 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015512.D

Acq: 06 Apr 2020 15:03

Instrument :

MSVOA\_X

ClientSampleId :

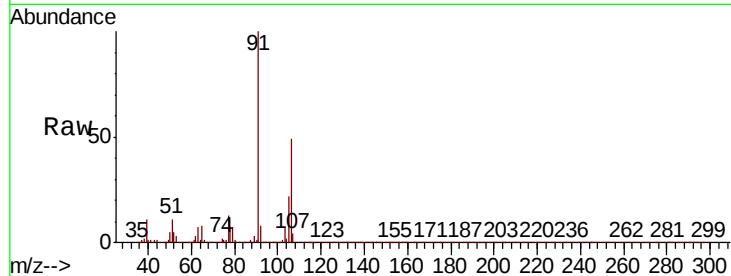
COMP-1

Tot Ion:106 Resp: 408533

Ion Ratio Lower Upper

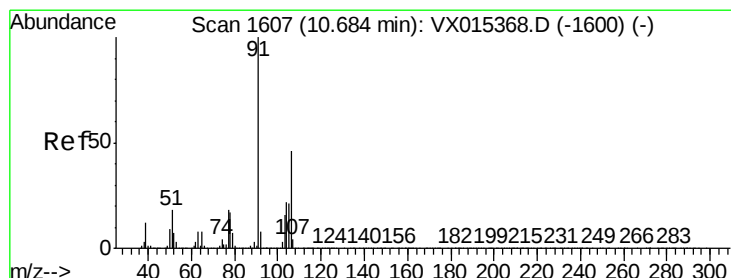
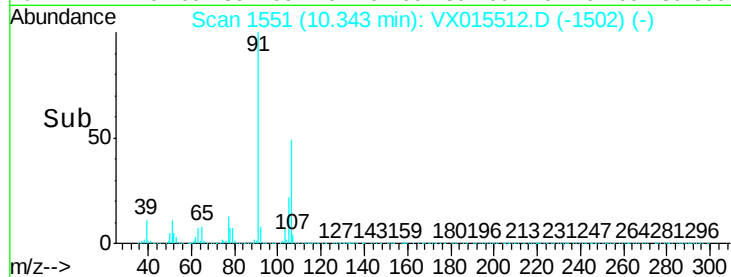
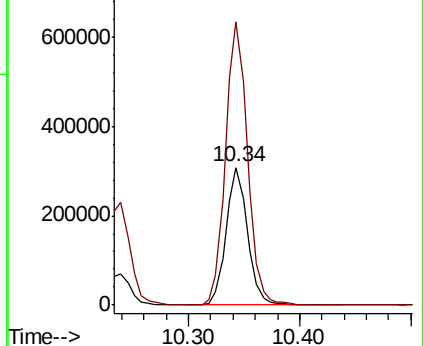
106 100

91 210.8 163.4 245.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 8.462 ug/l

RT: 10.68 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX015512.D

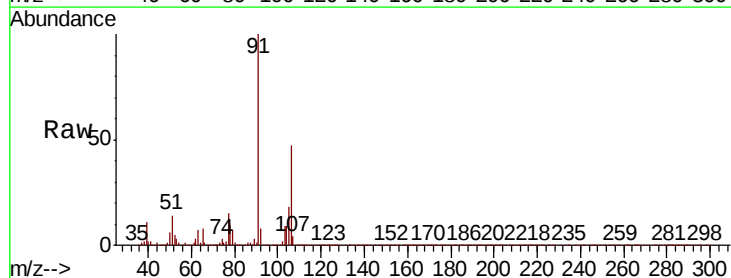
Acq: 06 Apr 2020 15:03

Tgt Ion:106 Resp: 197141

Ion Ratio Lower Upper

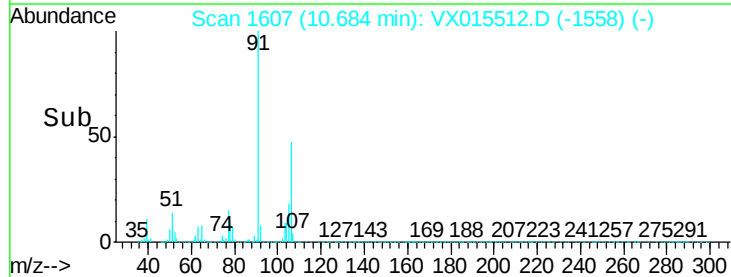
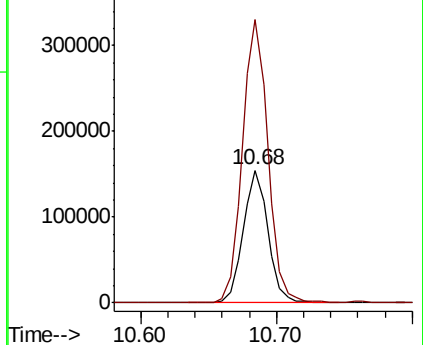
106 100

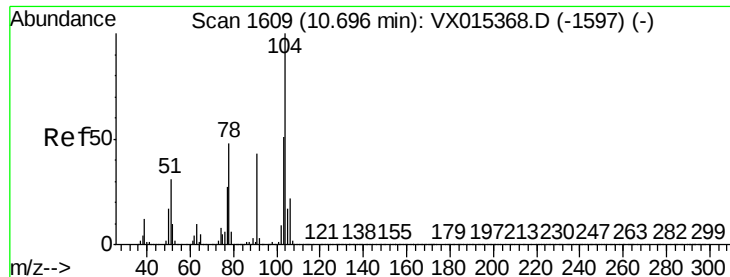
91 217.7 107.1 321.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

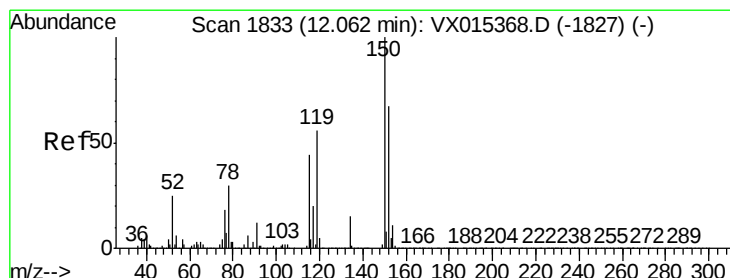
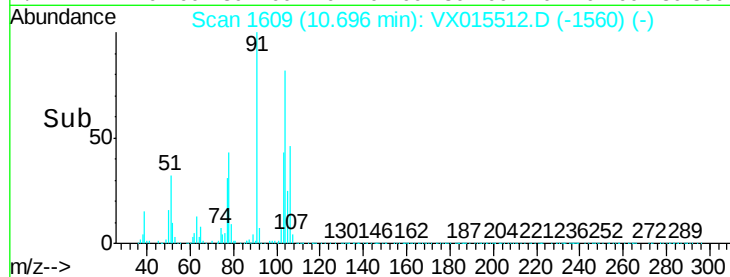
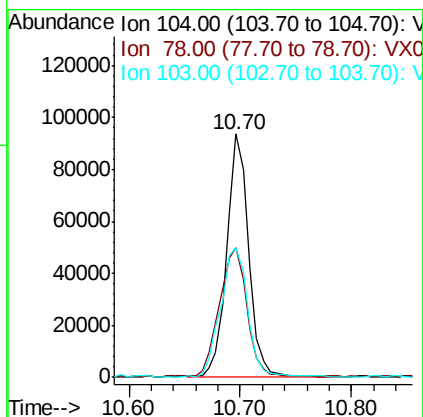
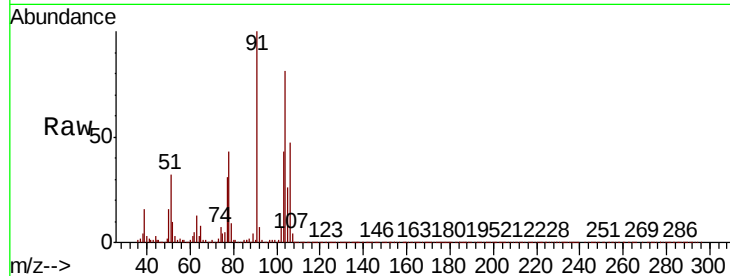




#70  
Stvrene  
Concen: 3.143 ug/l  
RT: 10.70 min Scan# 1609  
Delta R.T. 0.00 min  
Lab File: VX015512.D  
Acq: 06 Apr 2020 15:03

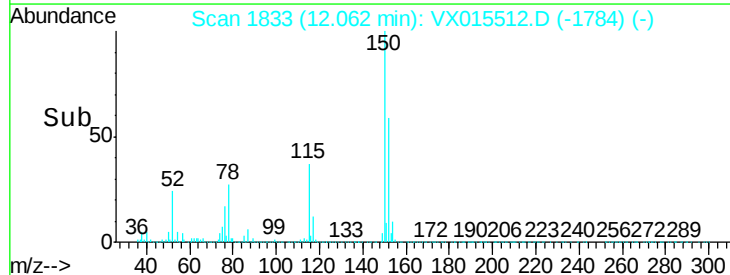
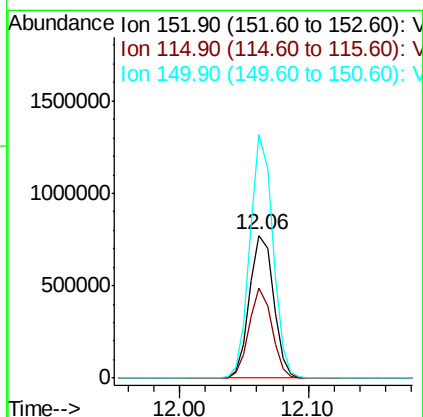
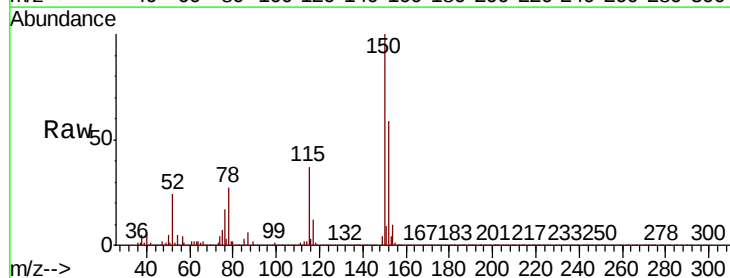
Instrument :  
MSVOA\_X  
ClientSampleId :  
COMP-1

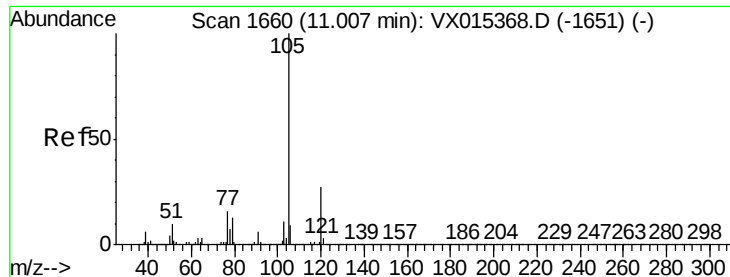
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 65.9  | 42.0  | 63.0# |
| 103     | 64.8  | 43.4  | 65.0  |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.06 min Scan# 1833  
Delta R.T. 0.00 min  
Lab File: VX015512.D  
Acq: 06 Apr 2020 15:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 59.5  | 39.0  | 116.9 |
| 150     | 161.5 | 0.0   | 340.8 |





#73

Isopropylbenzene

Concen: 0.286 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VX015512.D

Acq: 06 Apr 2020 15:03

Instrument :

MSVOA\_X

ClientSampleId :

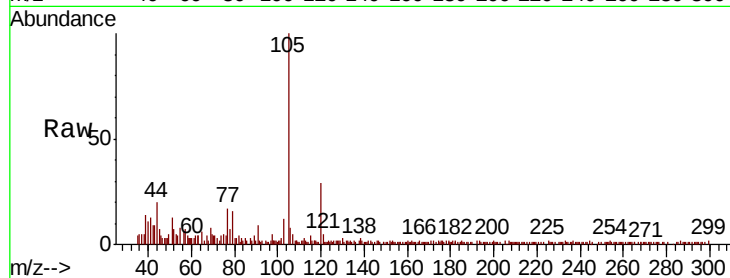
COMP-1

Tot Ion: 105 Resp: 18605

Ion Ratio Lower Upper

105 100

120 25.5 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

15000

11.01

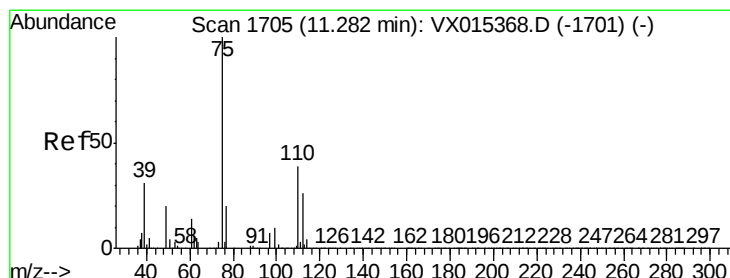
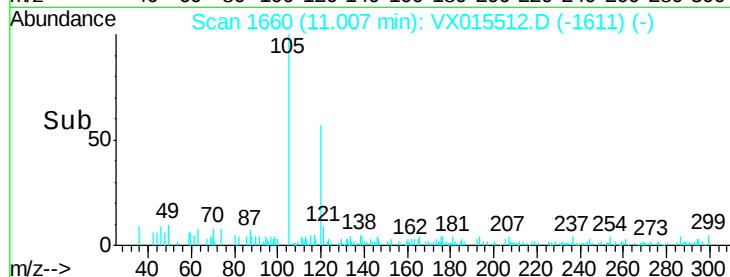
10000

5000

0

Time-->

11.00 11.10



#76

1,2,3-Trichloropropane

Concen: 25.272 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.16 min

Lab File: VX015512.D

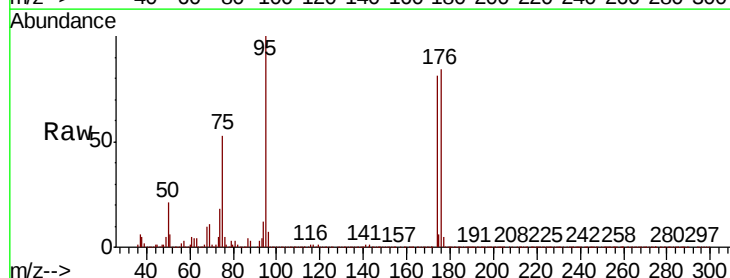
Acq: 06 Apr 2020 15:03

Tgt Ion: 75 Resp: 516206

Ion Ratio Lower Upper

75 100

77 1.1 21.2 63.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

400000

11.12

300000

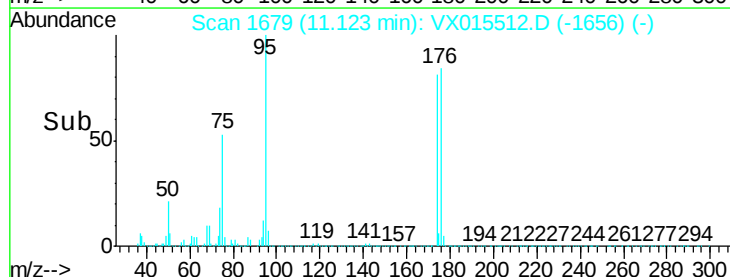
200000

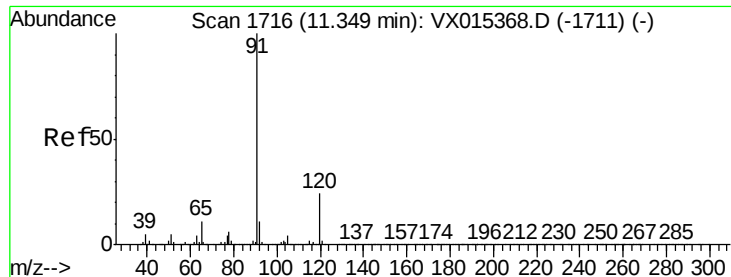
100000

0

Time-->

11.05 11.10 11.15 11.20





#78

n-propylbenzene

Concen: 0.464 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015512.D

Acq: 06 Apr 2020 15:03

Instrument :

MSVOA\_X

ClientSampleId :

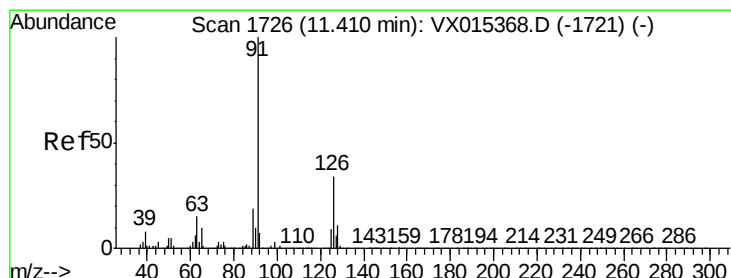
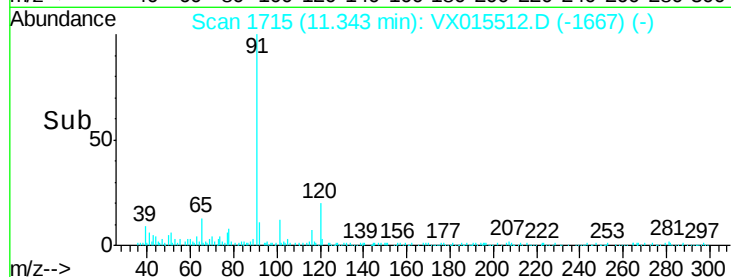
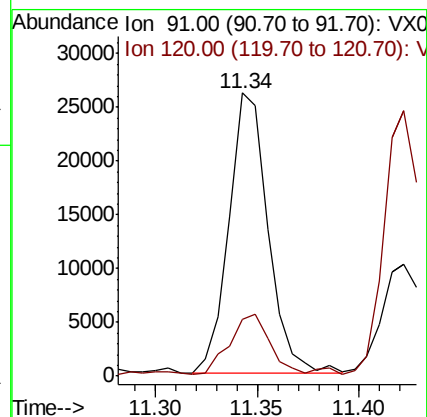
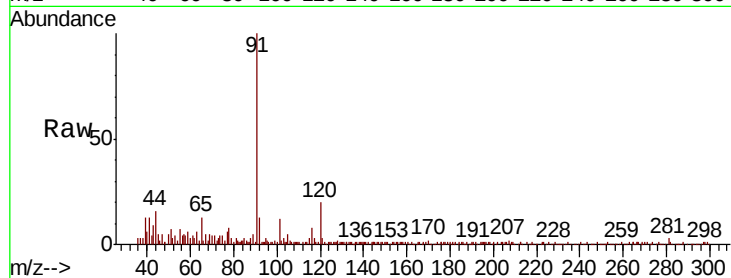
COMP-1

Tot Ion: 91 Resp: 34510

Ion Ratio Lower Upper

91 100

120 22.1 11.7 35.0



#79

2-Chlorotoluene

Concen: 0.400 ug/l

RT: 11.42 min Scan# 1728

Delta R.T. 0.01 min

Lab File: VX015512.D

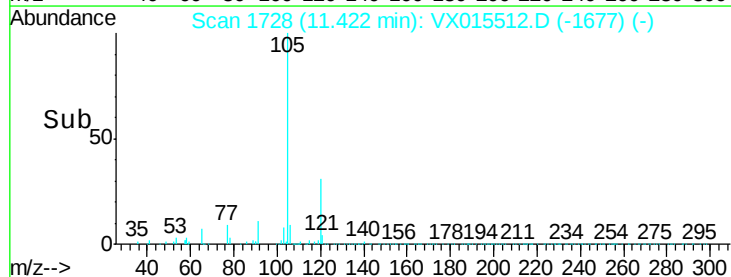
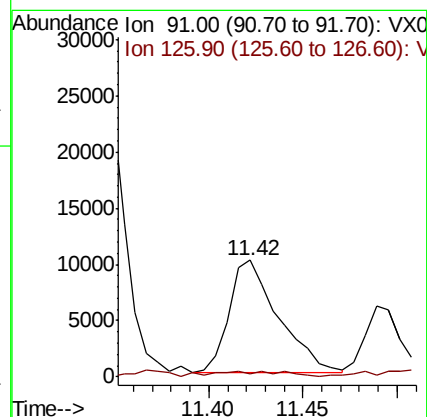
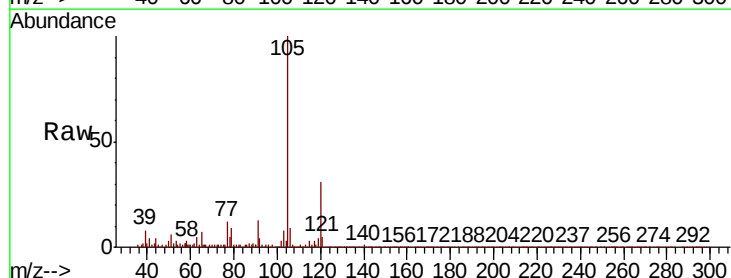
Acq: 06 Apr 2020 15:03

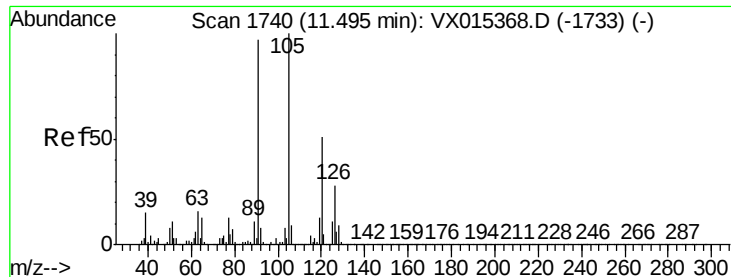
Tgt Ion: 91 Resp: 18223

Ion Ratio Lower Upper

91 100

126 4.3 16.5 49.5#





#80

1,3,5-Trimethylbenzene

Concen: 1.056 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015512.D

Acq: 06 Apr 2020 15:03

Instrument :

MSVOA\_X

ClientSampled :

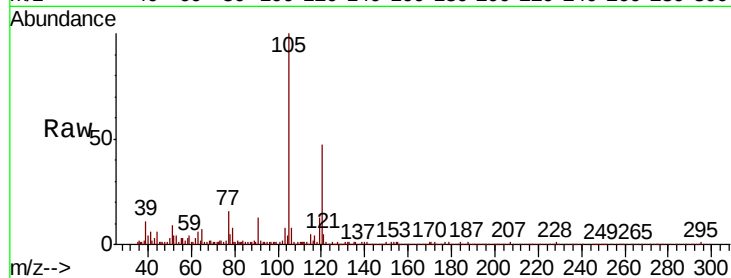
COMP-1

Tot Ion:105 Resp: 58669

Ion Ratio Lower Upper

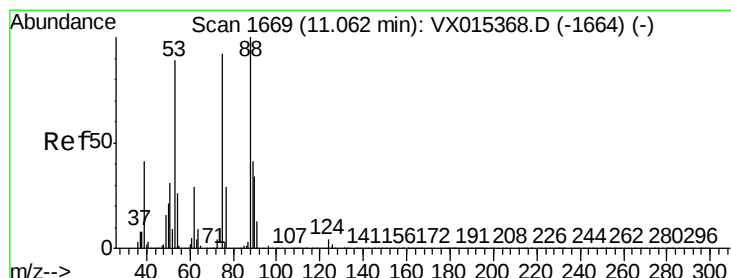
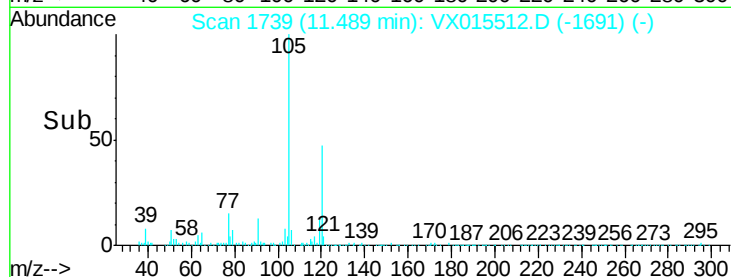
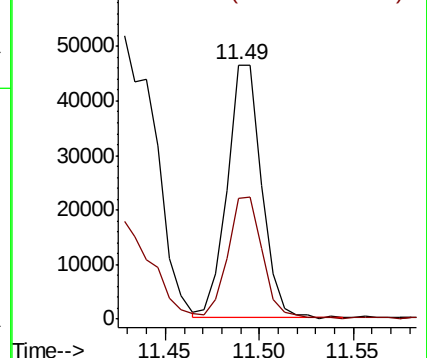
105 100

120 49.1 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 60.640 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.06 min

Lab File: VX015512.D

Acq: 06 Apr 2020 15:03

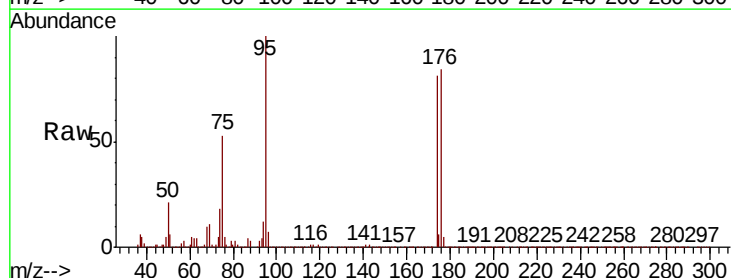
Tgt Ion: 75 Resp: 516206

Ion Ratio Lower Upper

75 100

53 0.1 80.1 120.1#

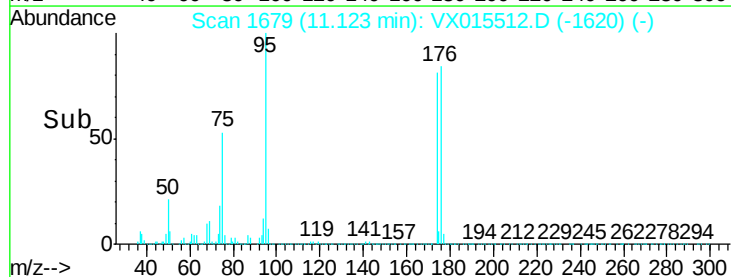
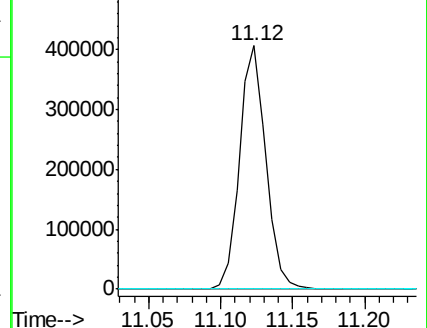
89 0.4 36.1 54.1#

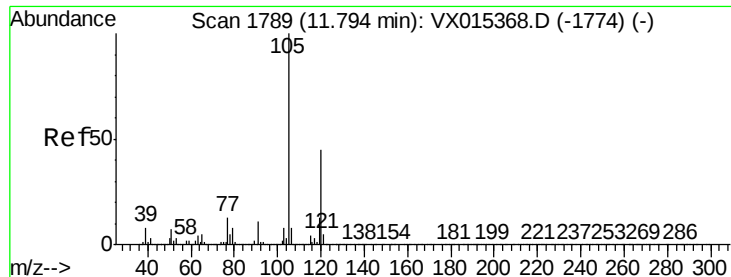


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

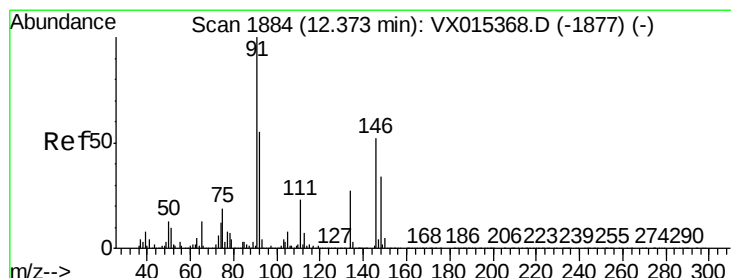
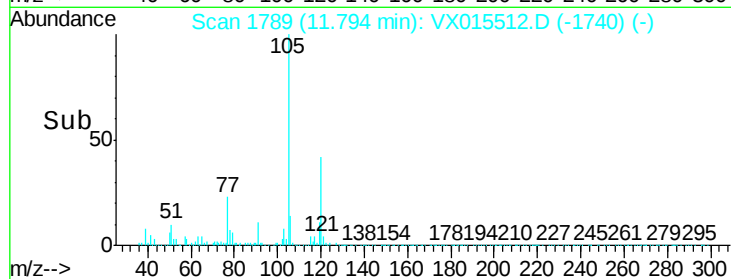
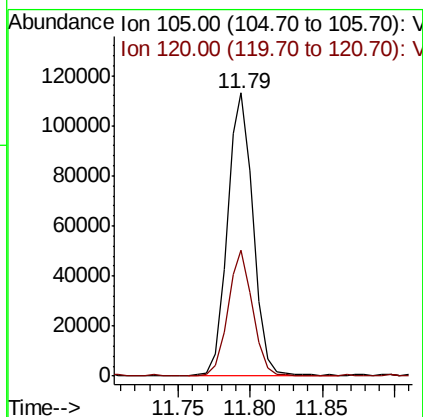
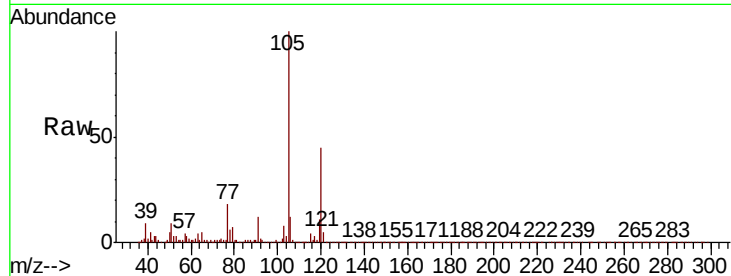




#84  
 1,2,4-Trimethylbenzene  
 Concen: 2.471 ug/l  
 RT: 11.79 min Scan# 1789  
 Delta R.T. 0.00 min  
 Lab File: VX015512.D  
 Acq: 06 Apr 2020 15:03

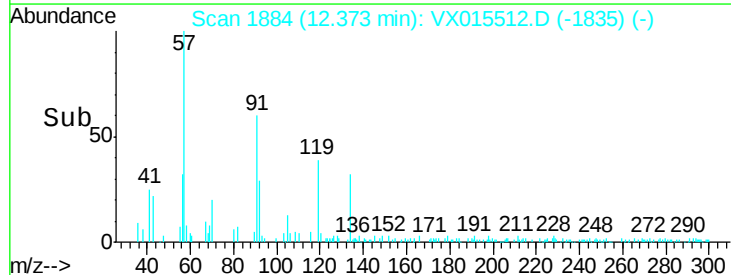
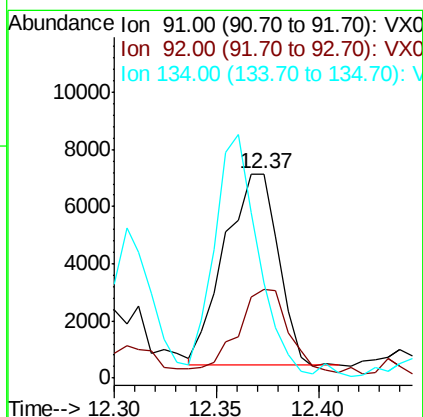
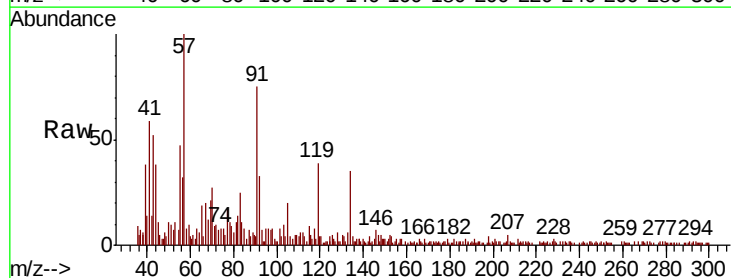
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 COMP-1

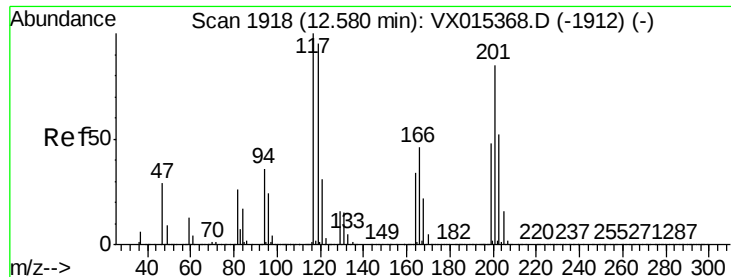
Tot Ion:105 Resp: 139976  
 Ion Ratio Lower Upper  
 105 100  
 120 43.7 22.7 68.1



#89  
 n-Butylbenzene  
 Concen: 0.231 ug/l  
 RT: 12.37 min Scan# 1884  
 Delta R.T. 0.00 min  
 Lab File: VX015512.D  
 Acq: 06 Apr 2020 15:03

Tgt Ion: 91 Resp: 12155  
 Ion Ratio Lower Upper  
 91 100  
 92 44.4 27.2 81.5  
 134 102.8 13.4 40.2#





#90

Hexachloroethane

Concen: 0.331 ug/l

RT: 12.60 min Scan# 1921

Delta R.T. 0.02 min

Lab File: VX015512.D

Acq: 06 Apr 2020 15:03

Instrument :

MSVOA\_X

ClientSampled :

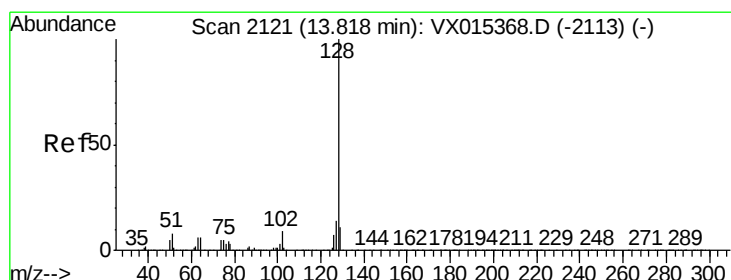
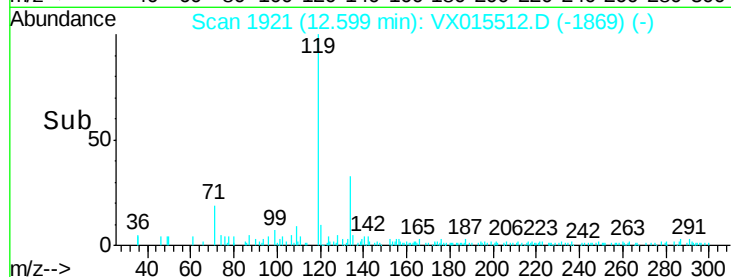
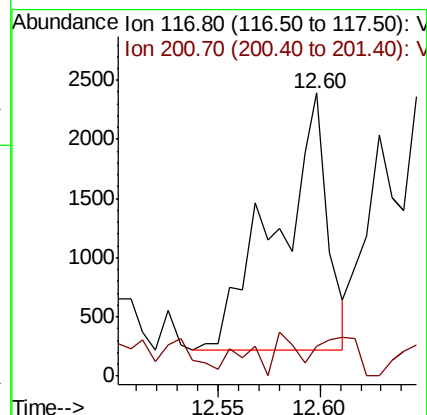
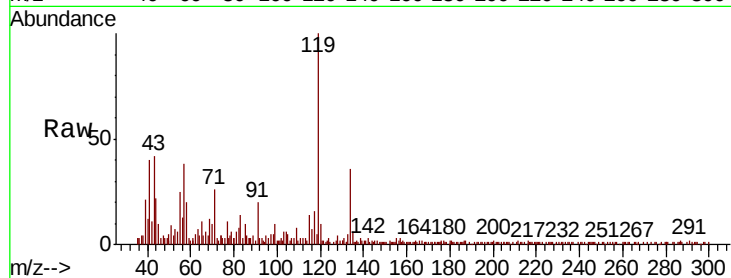
COMP-1

Tot Ion:117 Resp: 3759

Ion Ratio Lower Upper

117 100

201 11.8 42.6 128.0#



#95

Naphthalene

Concen: 24.442 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. 0.00 min

Lab File: VX015512.D

Acq: 06 Apr 2020 15:03

Tgt Ion:128 Resp: 1793558

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

129 11.0 8.8 13.2

