

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\  
 Data File : VX004897.D  
 Acq On : 02 Oct 2018 03:58  
 Operator : JC/MD  
 Sample : J5084-23DL 100X  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 B-7(TW-1)DL

Quant Time: Oct 02 05:13:32 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 26 14:17:02 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 221892   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 370070   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 360697   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 213094   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 171758   | 54.19 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 108.38% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 145637   | 46.43 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 92.86%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 536235   | 51.43 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.86% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 204244   | 54.37 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 108.74% |          |

| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 5) Bromomethane                | 1.64  | 94   | 464      | 0.227     | ug/l # | 54     |
| 6) Chloroethane                | 1.69  | 64   | 382      | Below Cal | #      | 44     |
| 11) Tert butyl alcohol         | 3.01  | 59   | 4618     | 5.211     | ug/l # | 72     |
| 13) Acrolein                   | 2.26  | 56   | 3411     | 5.409     | ug/l # | 1      |
| 14) Allyl chloride             | 2.76  | 41   | 1220     | 0.233     | ug/l # | 27     |
| 15) Acrylonitrile              | 3.15  | 53   | 1226     | 0.628     | ug/l # | 54     |
| 16) Acetone                    | 2.45  | 43   | 1632     | 0.882     | ug/l   | 96     |
| 18) Methyl Acetate             | 2.78  | 43   | 1943     | 0.414     | ug/l # | 73     |
| 20) Methylene Chloride         | 2.85  | 84   | 864      | Below Cal | #      | 78     |
| 29) Tetrahydrofuran            | 5.17  | 42   | 837      | 0.494     | ug/l # | 40     |
| 31) Cyclohexane                | 5.58  | 56   | 7751     | 1.922     | ug/l   | 94     |
| 36) 1,1-Dichloropropene        | 5.66  | 75   | 15536    | 3.631     | ug/l # | 49     |
| 38) Carbon Tetrachloride       | 5.66  | 117  | 20477    | 4.552     | ug/l # | 15     |
| 39) Methylcyclohexane          | 7.46  | 83   | 5422     | 1.241     | ug/l   | 91     |
| 40) Benzene                    | 6.14  | 78   | 36628    | 2.734     | ug/l   | 100    |
| 52) Toluene                    | 8.79  | 92   | 265222   | 36.029    | ug/l   | 97     |
| 56) Ethyl methacrylate         | 9.19  | 69   | 23       | 2.866     | ug/l # | 1      |
| 58) 2-Chloroethyl Vinyl ether  | 8.21  | 63   | 69       | 14.266    | ug/l # | 45     |
| 67) Ethyl Benzene              | 10.26 | 91   | 377096   | 25.680    | ug/l   | 98     |
| 68) m/p-Xylenes                | 10.36 | 106  | 394235   | 68.703    | ug/l   | 95     |
| 69) o-Xylene                   | 10.70 | 106  | 136808   | 25.957    | ug/l   | 96     |
| 70) Styrene                    | 10.70 | 104  | 8514     | 2.967     | ug/l # | 1      |
| 73) Isopropylbenzene           | 11.02 | 105  | 13827    | 1.029     | ug/l   | 99     |
| 74) N-ethyl acetate            | 10.91 | 43   | 124      | 1.764     | ug/l # | 1      |
| 76) 1,2,3-Trichloropropane     | 11.14 | 75   | 101328   | 21.215    | ug/l # | 37     |
| 78) n-propylbenzene            | 11.36 | 91   | 42507    | 2.758     | ug/l   | 97     |
| 79) 2-Chlorotoluene            | 11.43 | 91   | 21877    | 2.277     | ug/l # | 39     |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 50857    | 3.949     | ug/l   | 95     |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75   | 101328   | 57.549    | ug/l # | 10     |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 5530     | 0.489     | ug/l # | 45     |
| 83) tert-Butylbenzene          | 12.02 | 119  | 2809     | 0.254     | ug/l   | 77     |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 212933   | 16.640    | ug/l   | 99     |
| 85) sec-Butylbenzene           | 11.81 | 105  | 212933   | 15.808    | ug/l # | 56     |
| 89) n-Butylbenzene             | 12.38 | 91   | 4786     | 0.432     | ug/l # | 22     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\  
Data File : VX004897.D  
Acq On : 02 Oct 2018 03:58  
Operator : JC/MD  
Sample : J5084-23DL 100X  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 42 Sample Multiplier: 1

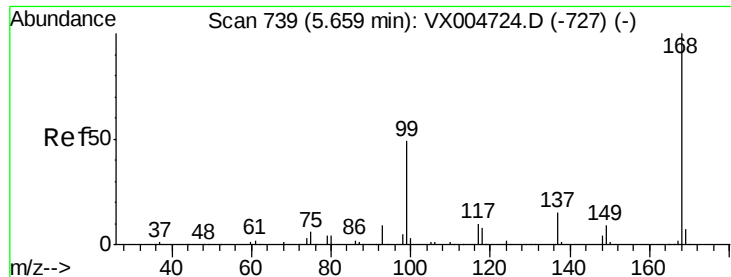
Instrument :  
MSVOA\_X  
ClientSampleId :  
B-7(TW-1)DL

Quant Time: Oct 02 05:13:32 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 26 14:17:02 2018  
Response via : Initial Calibration

| Internal Standards   | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|----------------------|-------|------|----------|-------|--------|----------|
| 90) Hexachloroethane | 12.59 | 117  | 1704     | 0.839 | ug/l # | 3        |
| 95) Naphthalene      | 13.83 | 128  | 88914    | 5.664 | ug/l   | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004897.D

Acq: 02 Oct 2018 03:58

Instrument :

MSVOA\_X

ClientSampled :

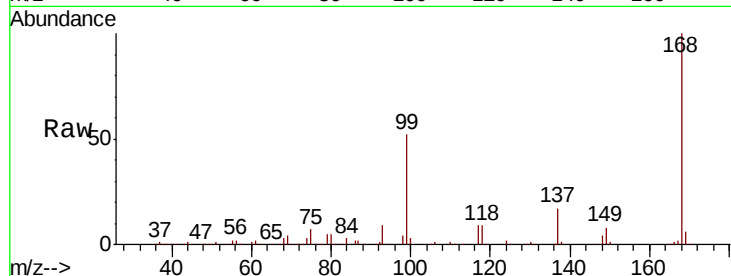
B-7(TW-1)DL

Tot Ion:168 Resp: 221892

Ion Ratio Lower Upper

168 100

99 51.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

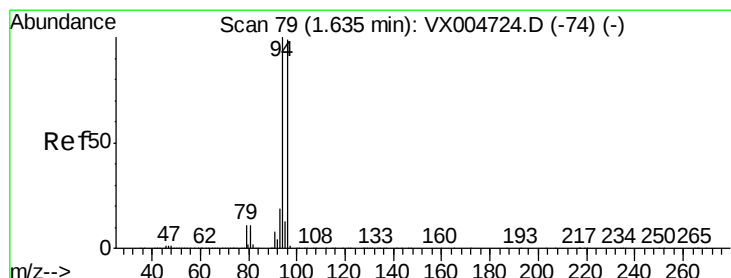
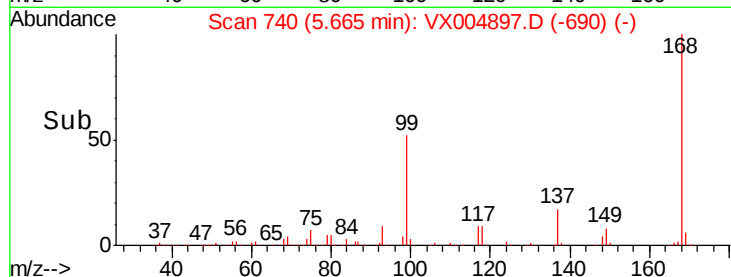
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.227 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX004897.D

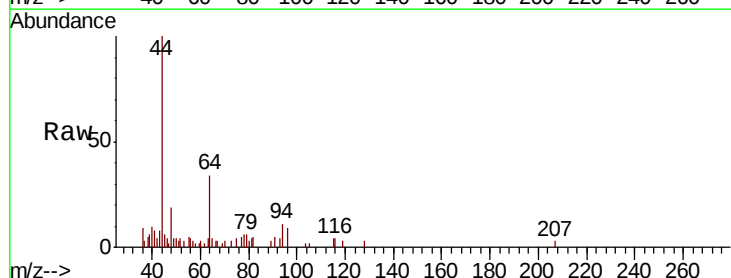
Acq: 02 Oct 2018 03:58

Tgt Ion: 94 Resp: 464

Ion Ratio Lower Upper

94 100

96 49.1 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

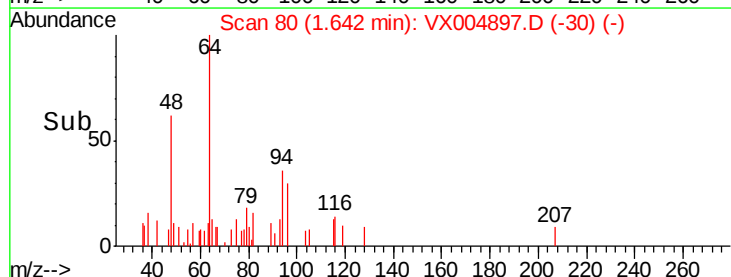
300

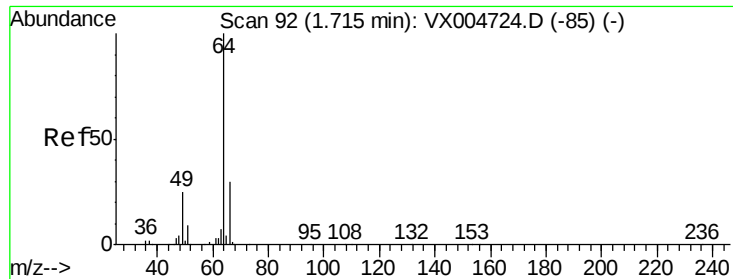
200

100

0

Time--> 1.60 1.65 1.70





#6

Chloroethane

Concen: Below Cal

RT: 1.69 min Scan# 88

Delta R.T. -0.02 min

Lab File: VX004897.D

Acq: 02 Oct 2018 03:58

Instrument :

MSVOA\_X

ClientSampled :

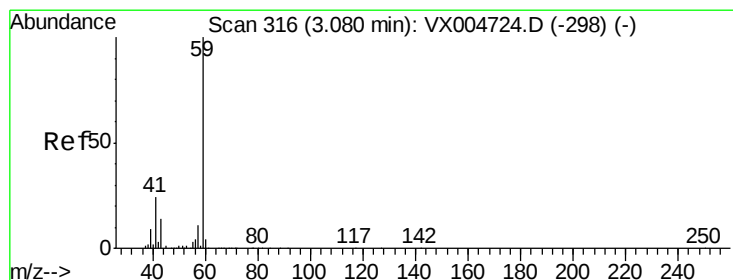
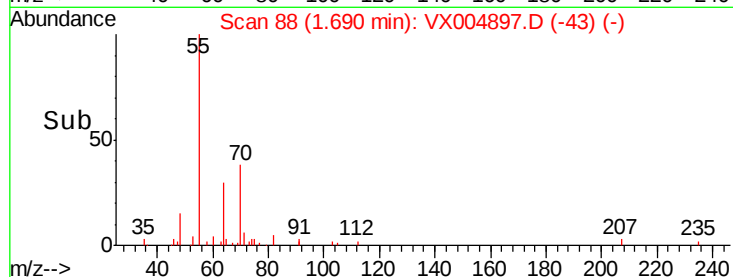
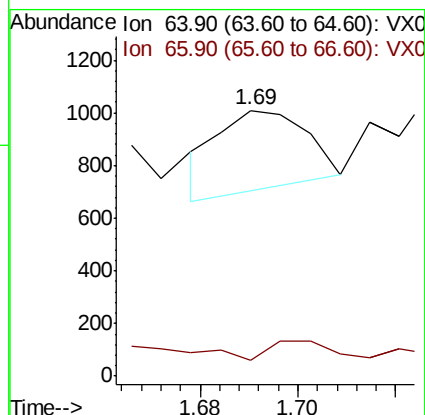
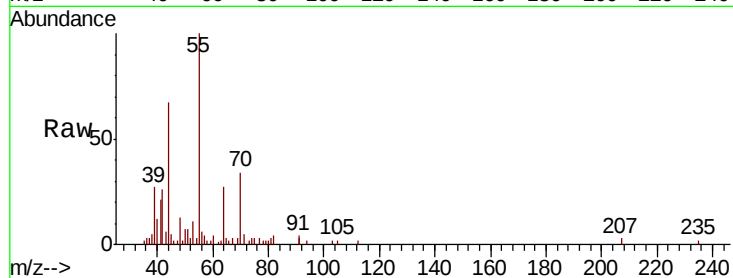
B-7(TW-1)DL

Tot Ion: 64 Resp: 382

Ion Ratio Lower Upper

64 100

66 0.0 24.6 36.8#



#11

Tert butyl alcohol

Concen: 5.211 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.07 min

Lab File: VX004897.D

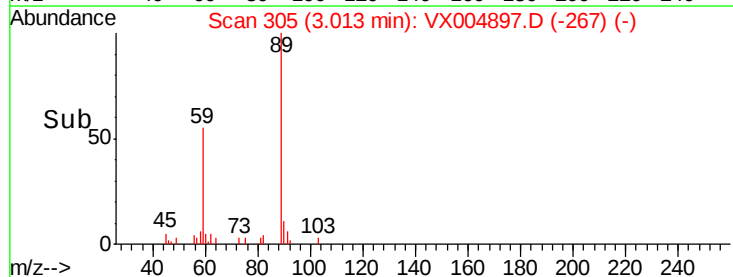
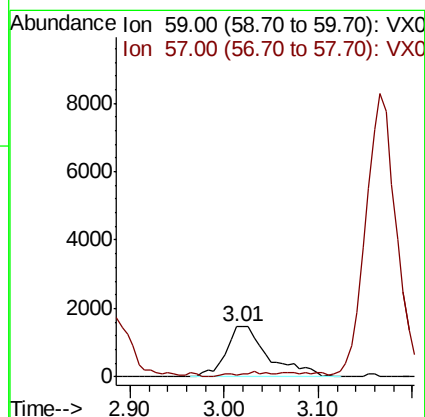
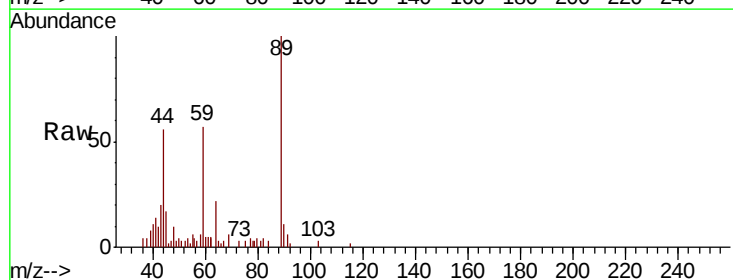
Acq: 02 Oct 2018 03:58

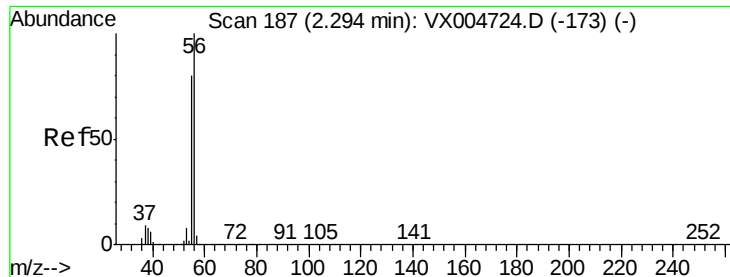
Tgt Ion: 59 Resp: 4618

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#





#13

Acrolein

Concen: 5.409 ug/l

RT: 2.26 min Scan# 182

Delta R.T. -0.03 min

Lab File: VX004897.D

Acq: 02 Oct 2018 03:58

Instrument :

MSVOA\_X

ClientSampleId :

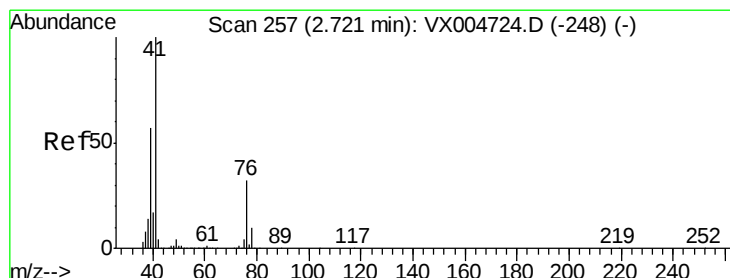
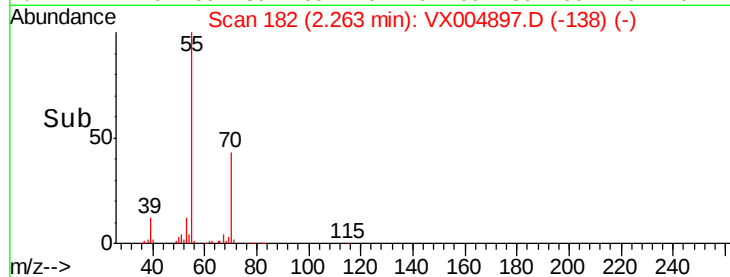
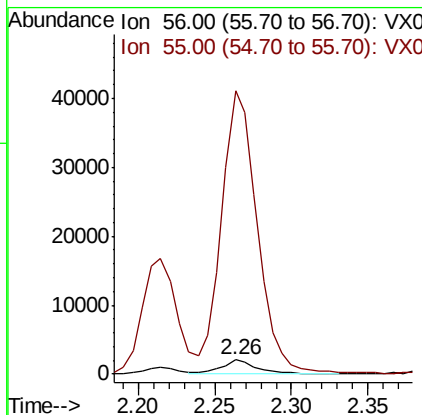
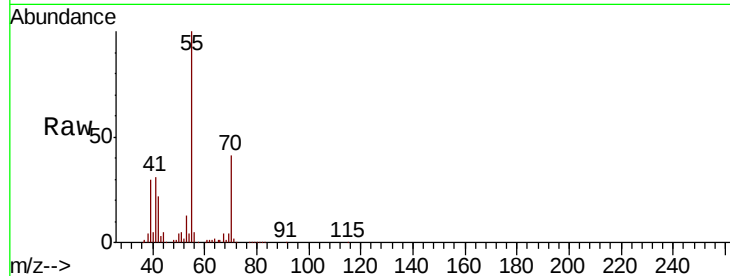
B-7(TW-1)DL

Tot Ion: 56 Resp: 3411

Ion Ratio Lower Upper

56 100

55 1923.5 54.7 82.1#



#14

Allyl chloride

Concen: 0.233 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.04 min

Lab File: VX004897.D

Acq: 02 Oct 2018 03:58

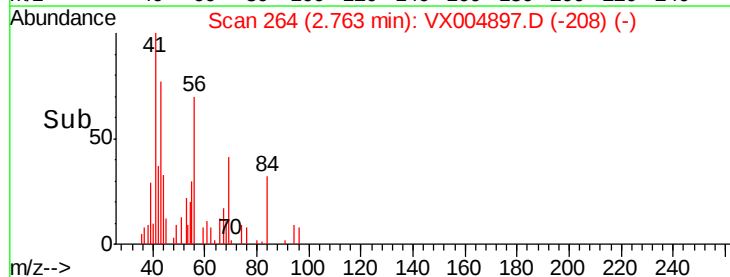
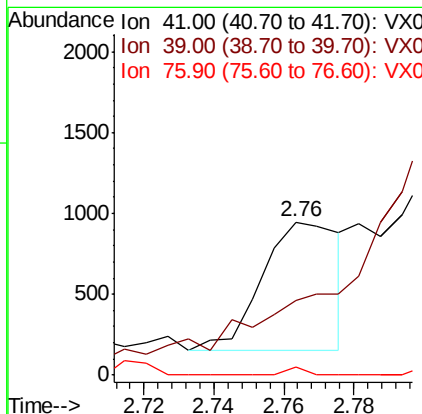
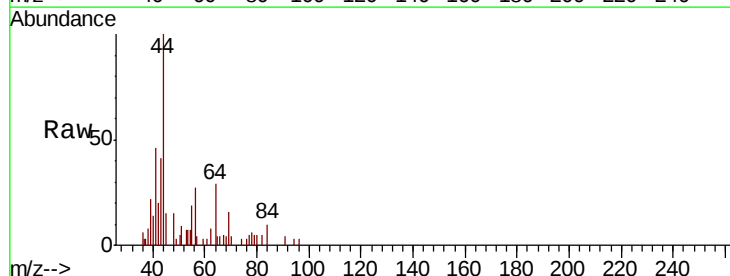
Tgt Ion: 41 Resp: 1220

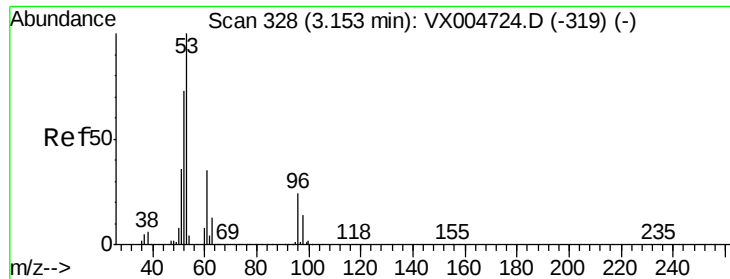
Ion Ratio Lower Upper

41 100

39 0.0 48.9 73.3#

76 0.0 26.7 40.1#

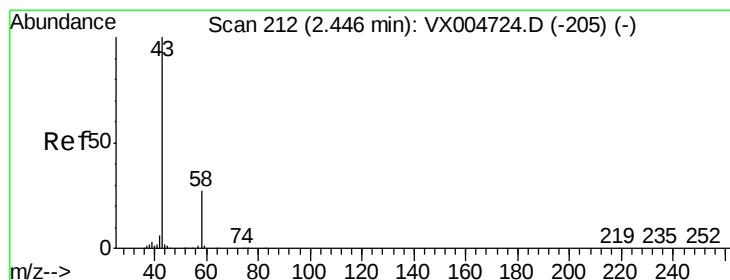
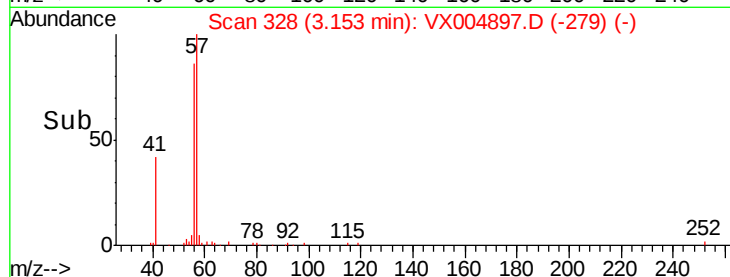
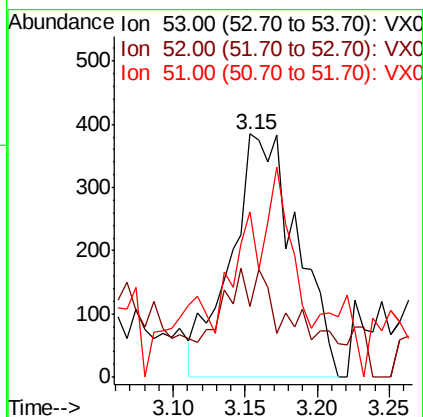
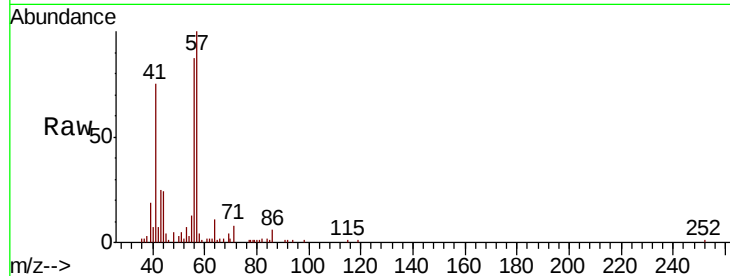




#15  
 Acrylonitrile  
 Concen: 0.628 ug/l  
 RT: 3.15 min Scan# 328  
 Delta R.T. -0.00 min  
 Lab File: VX004897.D  
 Acq: 02 Oct 2018 03:58

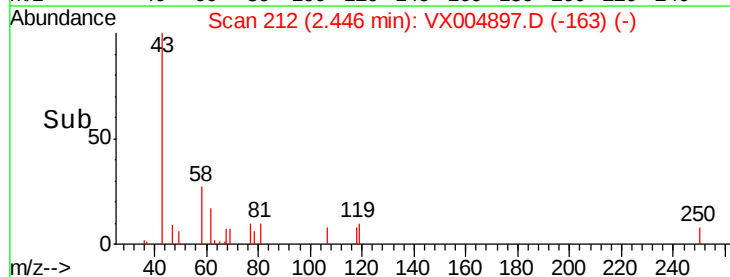
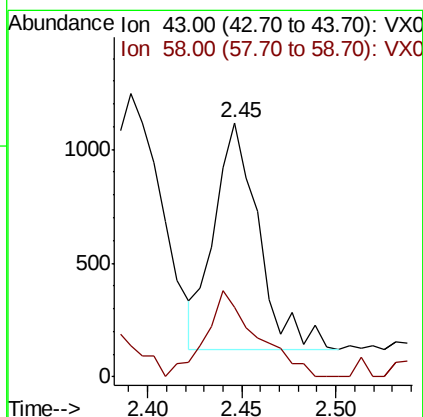
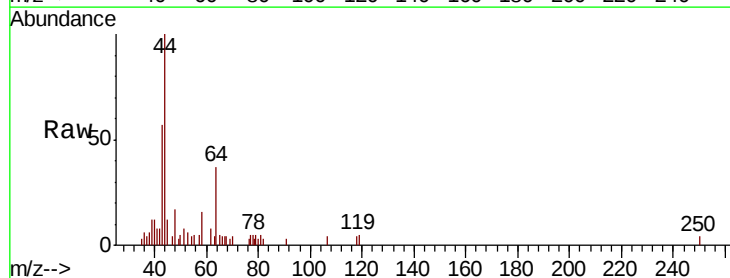
Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 B-7(TW-1)DL

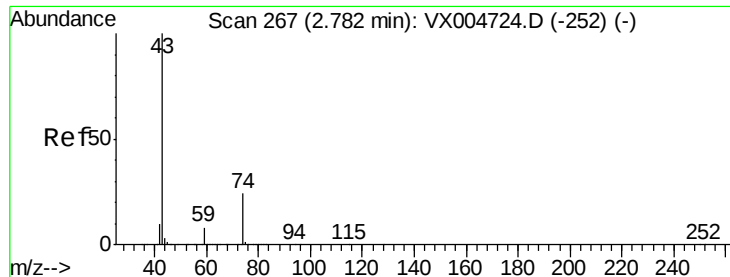
Tot Ion: 53 Resp: 1226  
 Ion Ratio Lower Upper  
 53 100  
 52 31.0 65.2 97.8#  
 51 22.0 28.2 42.2#



#16  
 Acetone  
 Concen: 0.882 ug/l  
 RT: 2.45 min Scan# 212  
 Delta R.T. -0.00 min  
 Lab File: VX004897.D  
 Acq: 02 Oct 2018 03:58

Tgt Ion: 43 Resp: 1632  
 Ion Ratio Lower Upper  
 43 100  
 58 30.8 26.2 39.4

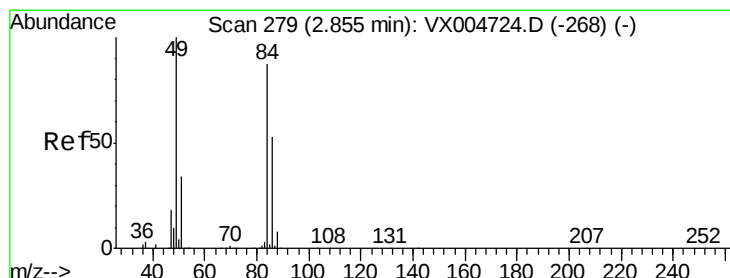
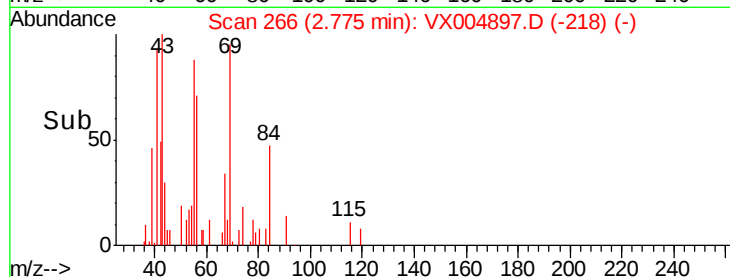
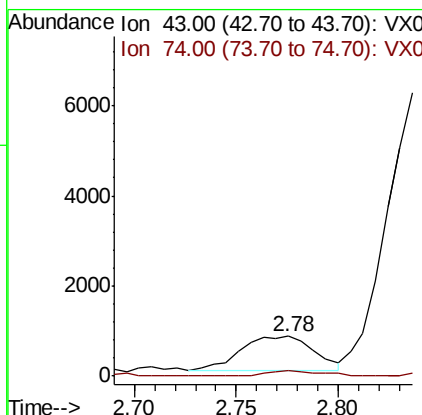
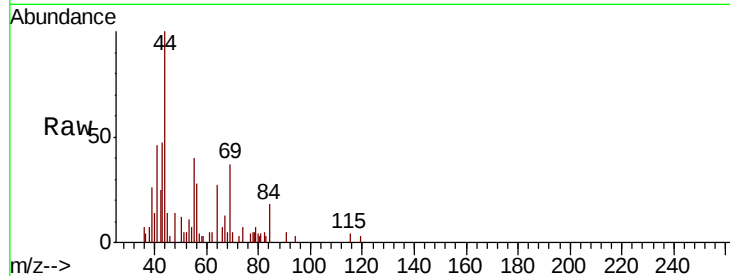




#18  
Methyl Acetate  
Concen: 0.414 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. -0.01 min  
Lab File: VX004897.D  
Acq: 02 Oct 2018 03:58

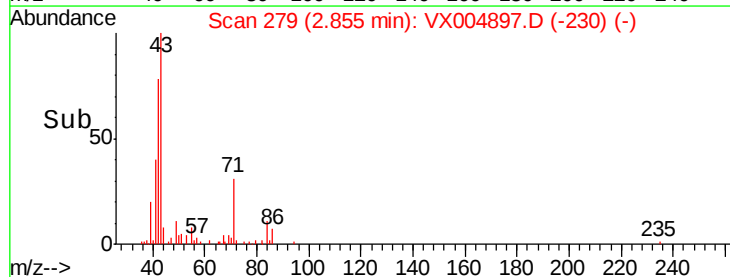
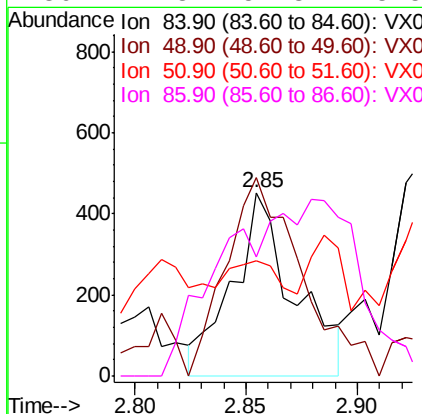
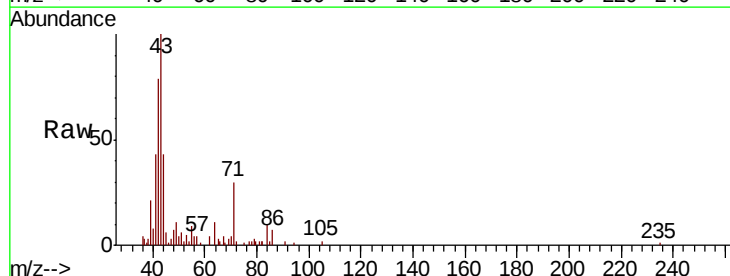
Instrument :  
MSVOA\_X  
ClientSampleId :  
B-7(TW-1)DL

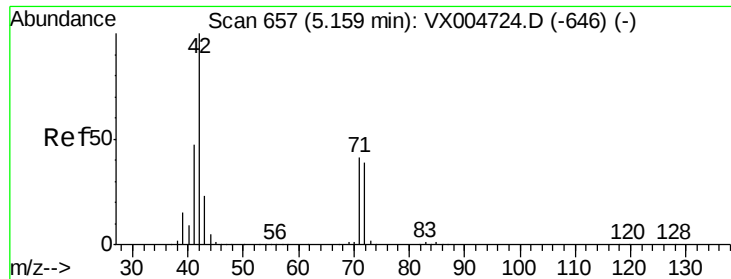
Tot Ion: 43 Resp: 1943  
Ion Ratio Lower Upper  
43 100  
74 11.1 19.4 29.2#



#20  
Methylene Chloride  
Concen: Below Cal  
RT: 2.85 min Scan# 279  
Delta R.T. 0.00 min  
Lab File: VX004897.D  
Acq: 02 Oct 2018 03:58

Tgt Ion: 84 Resp: 864  
Ion Ratio Lower Upper  
84 100  
49 130.7 101.2 151.8  
51 17.3 29.5 44.3#  
86 24.8 52.3 78.5#





#29

Tetrahydrofuran

Concen: 0.494 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX004897.D

Acq: 02 Oct 2018 03:58

Instrument :

MSVOA\_X

ClientSampled :

B-7(TW-1)DL

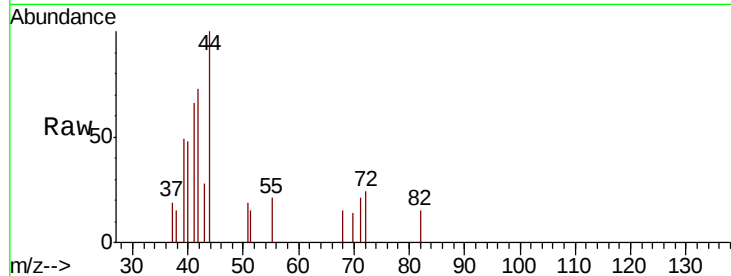
Tot Ion: 42 Resp: 837

Ion Ratio Lower Upper

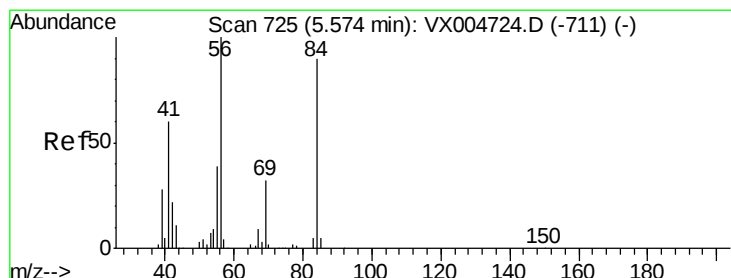
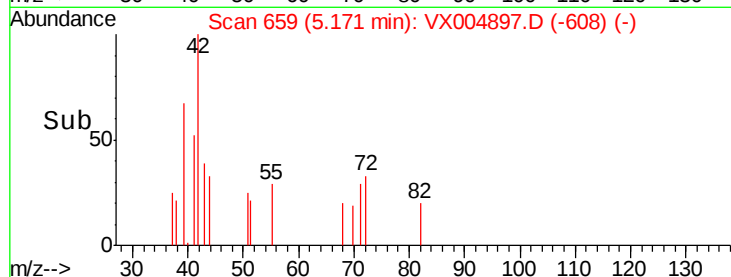
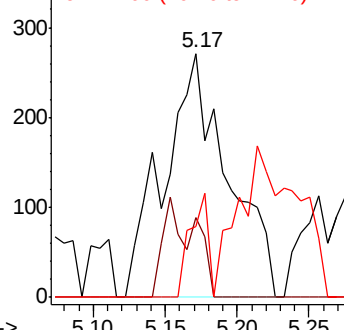
42 100

72 0.0 37.4 56.0#

71 11.7 34.5 51.7#



Abundance Ion 42.00 (41.70 to 42.70): VX0  
Ion 72.00 (71.70 to 72.70): VX0  
Ion 71.00 (70.70 to 71.70): VX0



#31

Cyclohexane

Concen: 1.922 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX004897.D

Acq: 02 Oct 2018 03:58

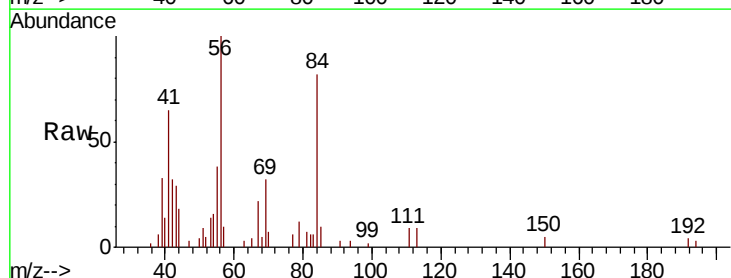
Tgt Ion: 56 Resp: 7751

Ion Ratio Lower Upper

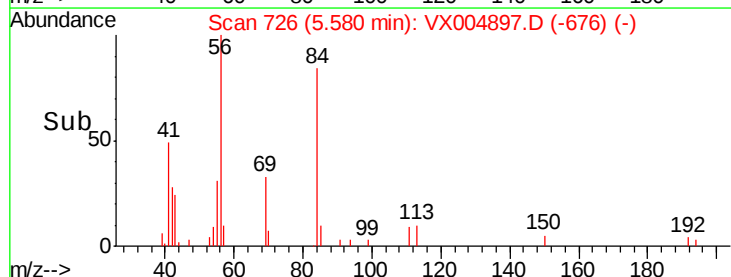
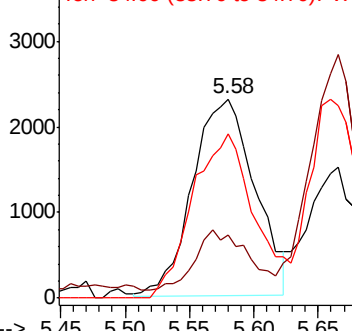
56 100

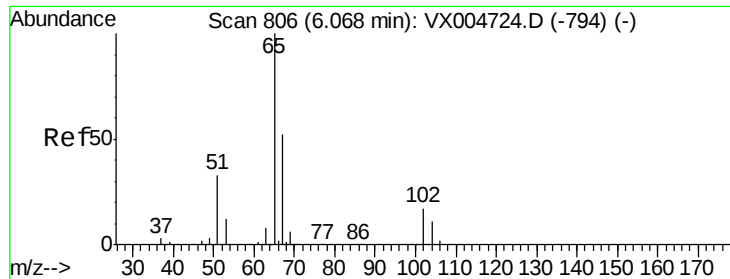
69 26.8 25.4 38.2

84 84.2 71.4 107.2



Abundance Ion 56.00 (55.70 to 56.70): VX0  
Ion 69.00 (68.70 to 69.70): VX0  
Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 54.187 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

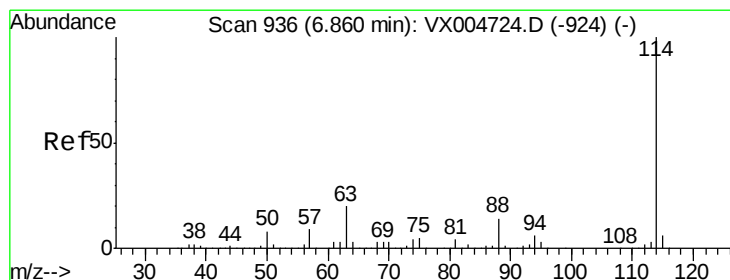
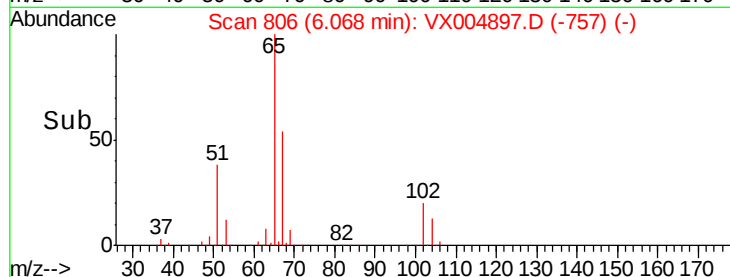
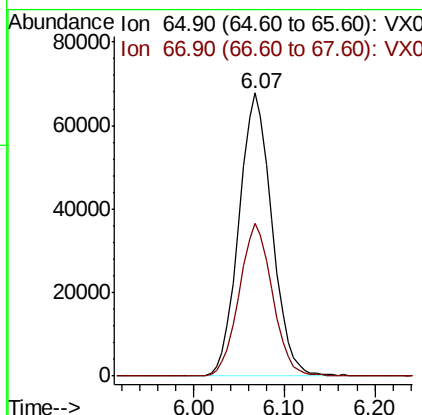
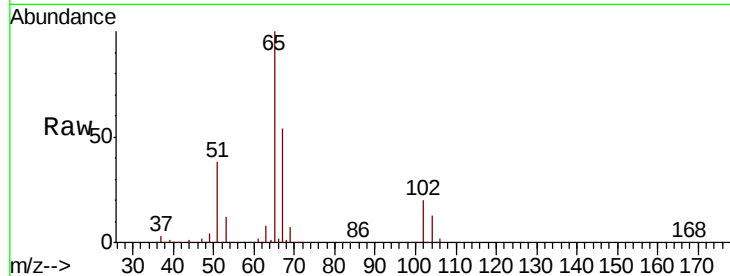
Lab File: VX004897.D

Acq: 02 Oct 2018 03:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
B-7(TW-1)DL

Tot Ion: 65 Resp: 171758

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 54.3  | 0.0   | 106.8 |



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

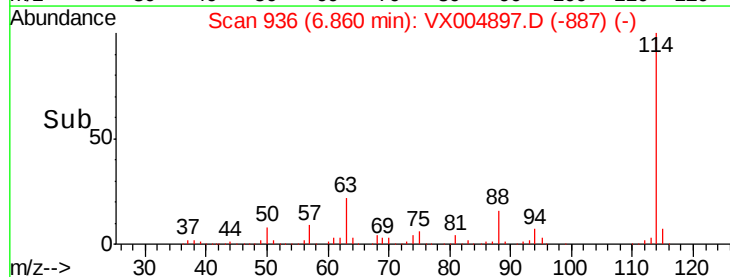
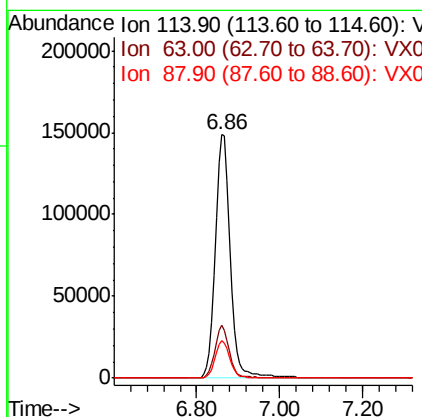
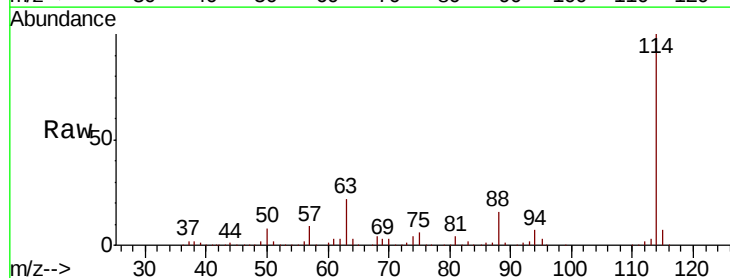
Delta R.T. -0.00 min

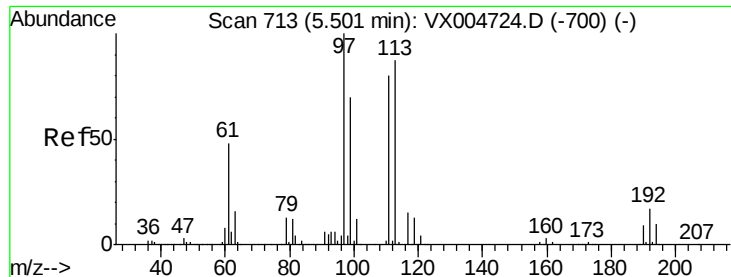
Lab File: VX004897.D

Acq: 02 Oct 2018 03:58

Tgt Ion: 114 Resp: 370070

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 114 | 100   |       |       |
| 63  | 21.5  | 0.0   | 39.0  |
| 88  | 15.5  | 0.0   | 30.4  |

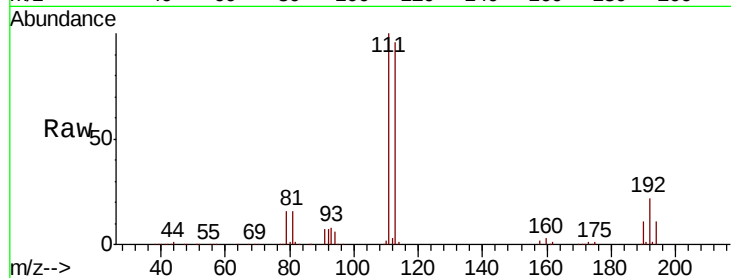




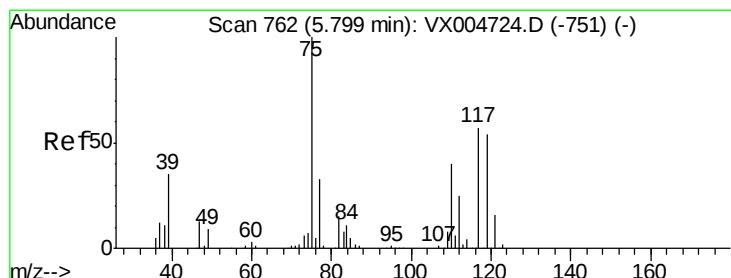
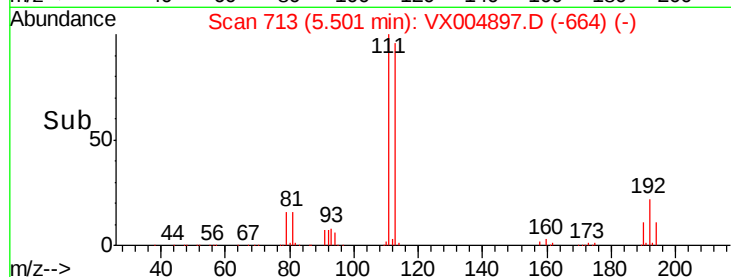
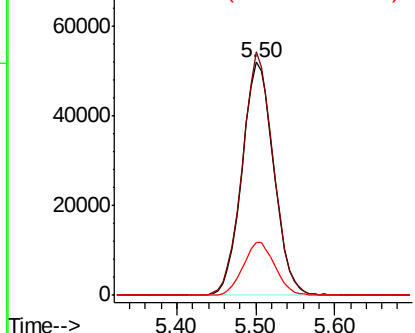
#35  
 Dibromofluoromethane  
 Concen: 46.435 ug/l  
 RT: 5.50 min Scan# 713  
 Delta R.T. -0.00 min  
 Lab File: VX004897.D  
 Acq: 02 Oct 2018 03:58

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 B-7(TW-1)DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.8 | 82.4  | 123.6 |
| 192     | 22.9  | 19.4  | 29.2  |

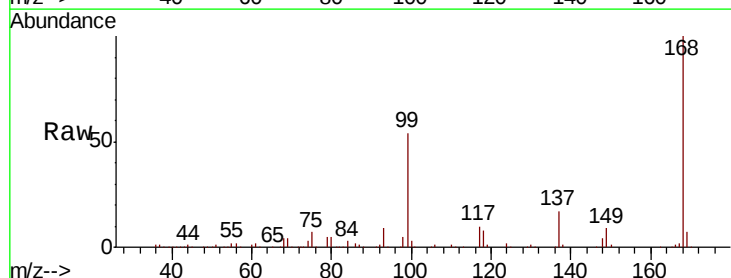


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

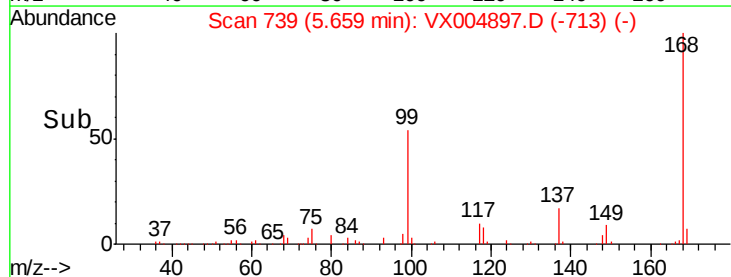
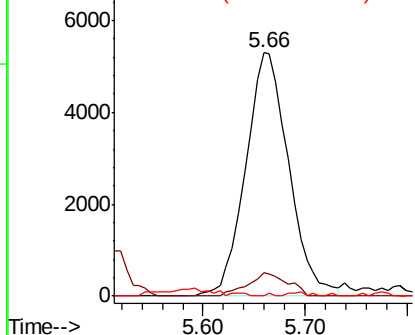


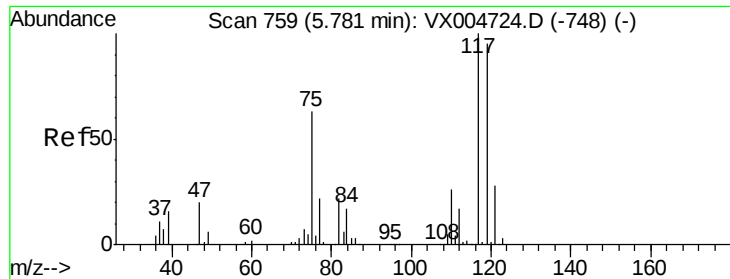
#36  
 1,1-Dichloropropene  
 Concen: 3.631 ug/l  
 RT: 5.66 min Scan# 739  
 Delta R.T. -0.14 min  
 Lab File: VX004897.D  
 Acq: 02 Oct 2018 03:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 8.8   | 18.0  | 54.0# |
| 77      | 0.1   | 24.6  | 36.8# |



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: 4.552 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX004897.D

Acq: 02 Oct 2018 03:58

Instrument :

MSVOA\_X

ClientSampleId :

B-7(TW-1)DL

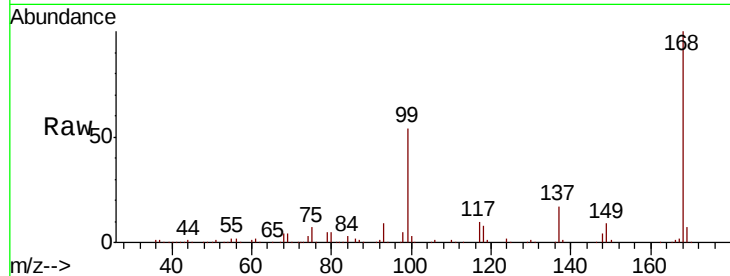
Tot Ion:117 Resp: 20477

Ion Ratio Lower Upper

117 100

119 5.4 78.8 118.2#

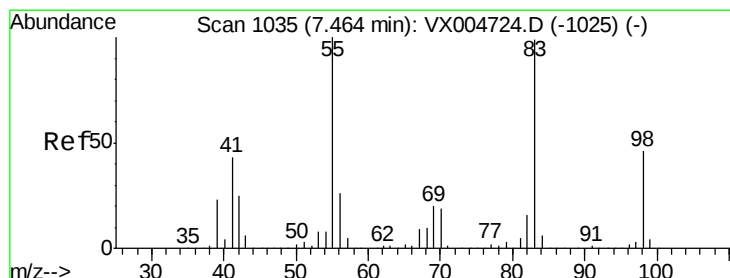
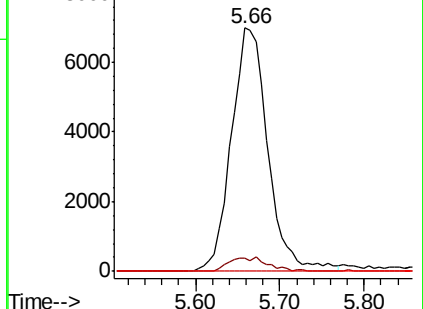
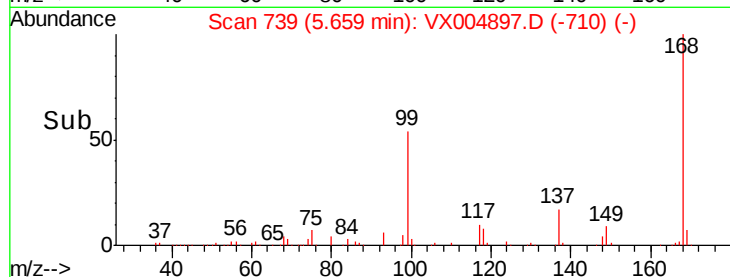
121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 1.241 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX004897.D

Acq: 02 Oct 2018 03:58

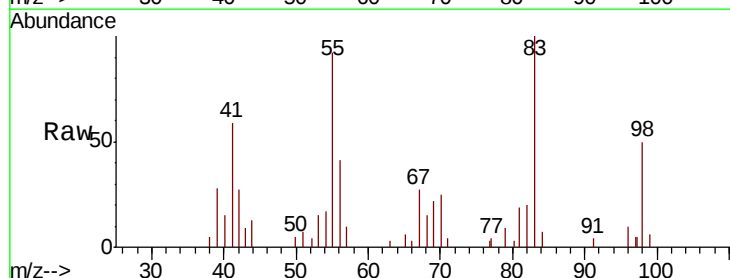
Tgt Ion: 83 Resp: 5422

Ion Ratio Lower Upper

83 100

55 88.2 61.0 91.4

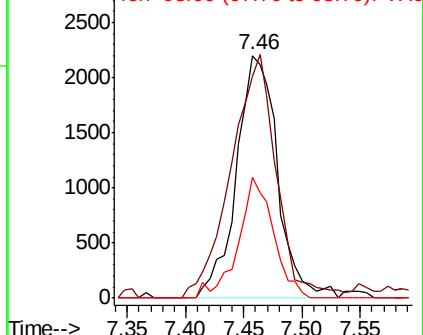
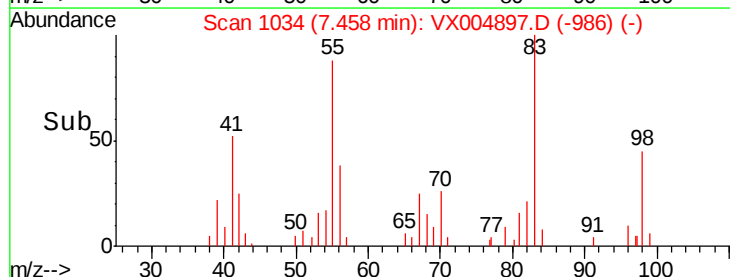
98 49.9 39.6 59.4

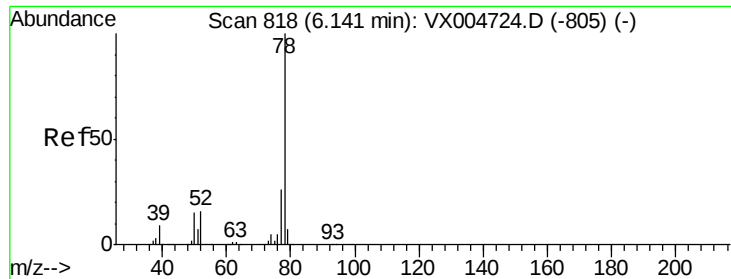


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

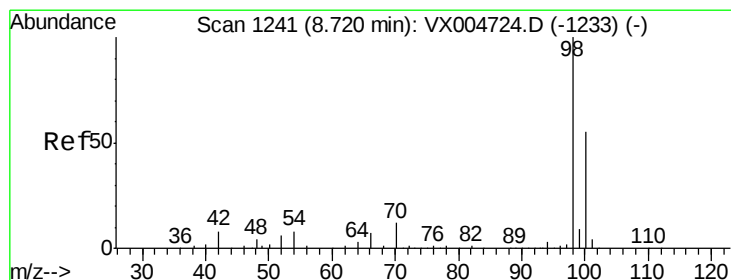
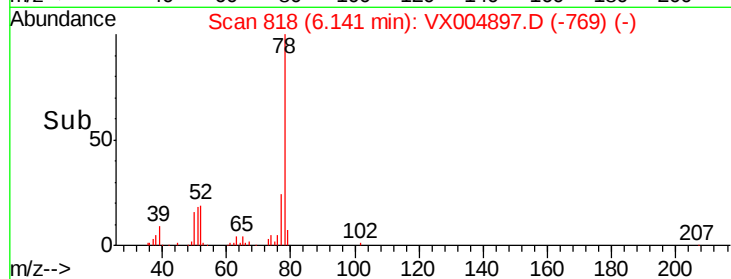
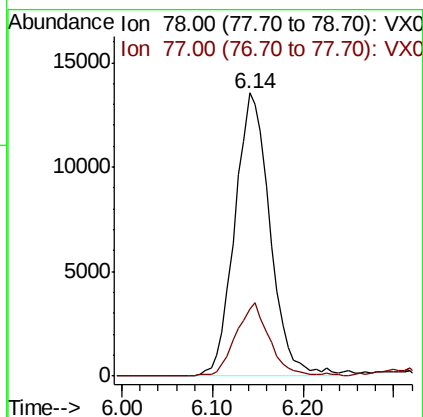
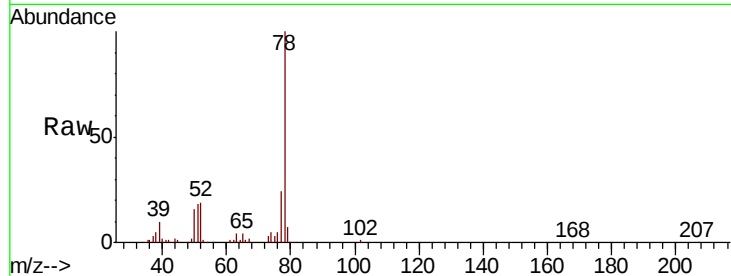




#40  
Benzene  
Concen: 2.734 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: VX004897.D  
Acq: 02 Oct 2018 03:58

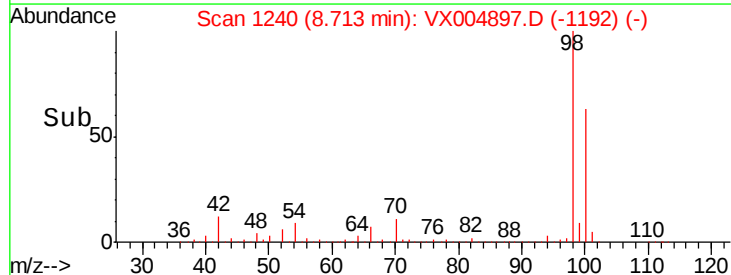
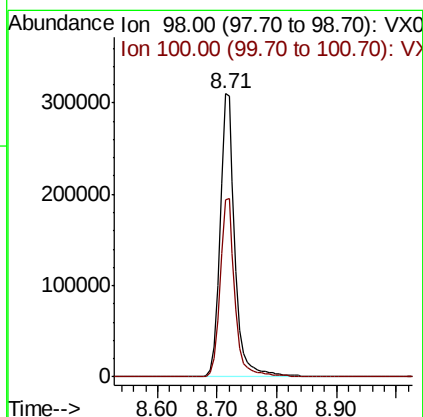
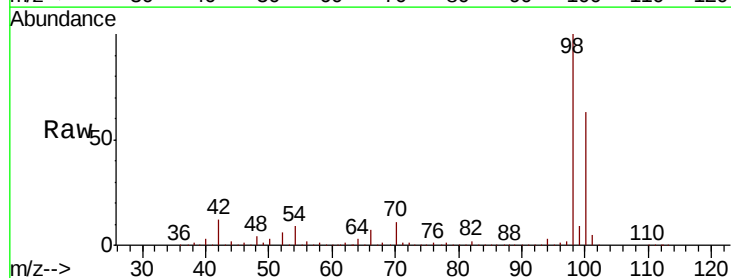
Instrument :  
MSVOA\_X  
ClientSampleId :  
B-7(TW-1)DL

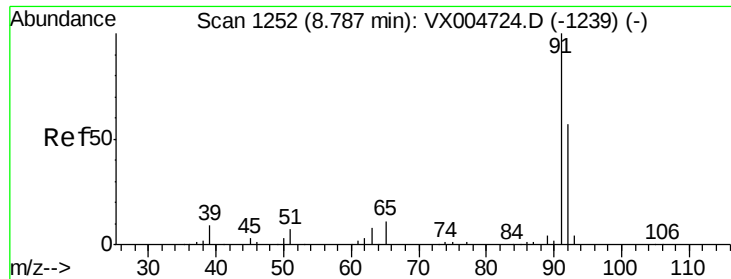
Tot Ion: 78 Resp: 36628  
Ion Ratio Lower Upper  
78 100  
77 23.9 19.0 28.4



#50  
Toluene-d8  
Concen: 51.428 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. -0.01 min  
Lab File: VX004897.D  
Acq: 02 Oct 2018 03:58

Tgt Ion: 98 Resp: 536235  
Ion Ratio Lower Upper  
98 100  
100 63.1 52.9 79.3





#52

Toluene

Concen: 36.029 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004897.D

Acq: 02 Oct 2018 03:58

Instrument :

MSVOA\_X

ClientSampleId :

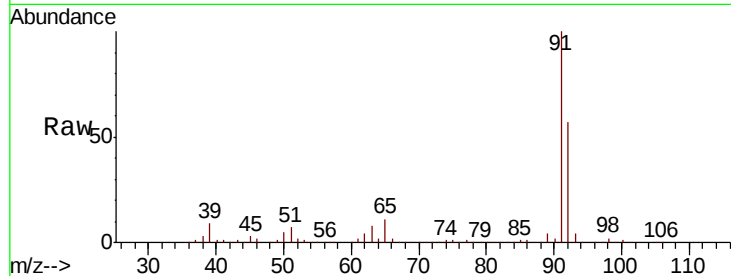
B-7(TW-1)DL

Tot Ion: 92 Resp: 265222

Ion Ratio Lower Upper

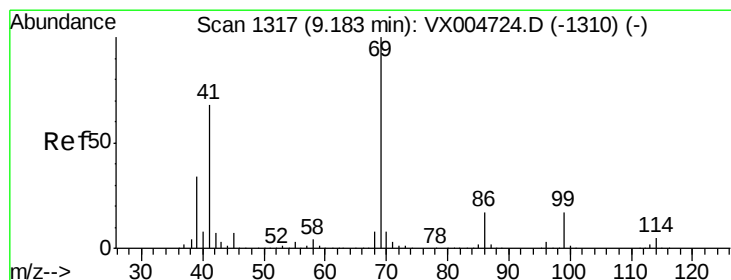
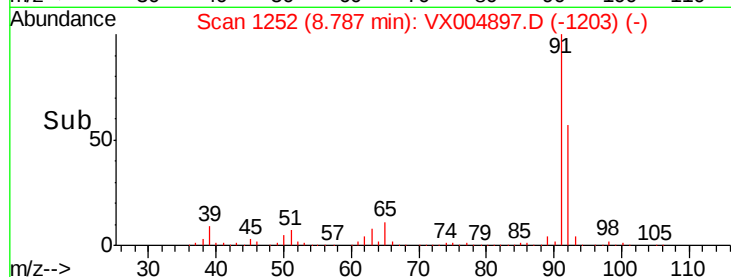
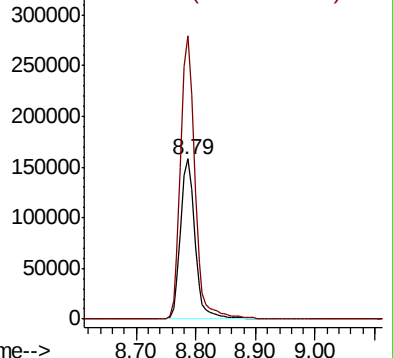
92 100

91 175.1 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#56

Ethyl methacrylate

Concen: 2.866 ug/l

RT: 9.19 min Scan# 1318

Delta R.T. 0.01 min

Lab File: VX004897.D

Acq: 02 Oct 2018 03:58

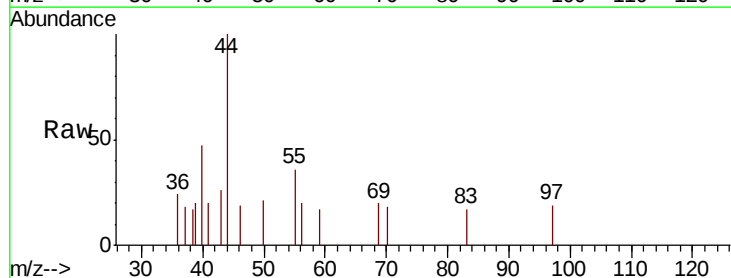
Tgt Ion: 69 Resp: 23

Ion Ratio Lower Upper

69 100

41 878.3 51.0 76.4#

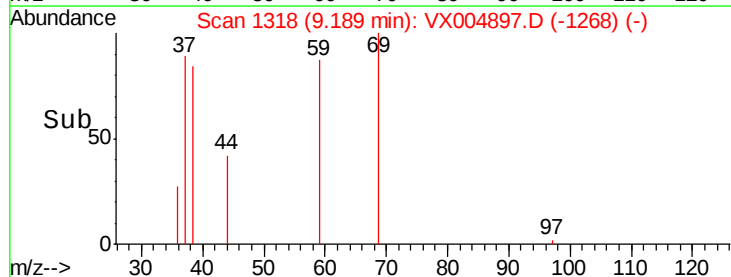
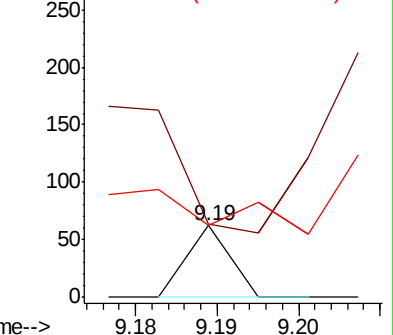
39 0.0 26.1 39.1#

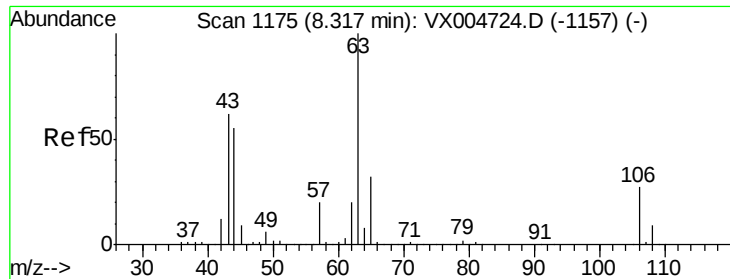


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

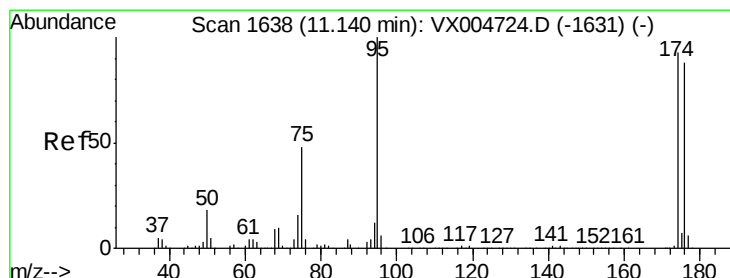
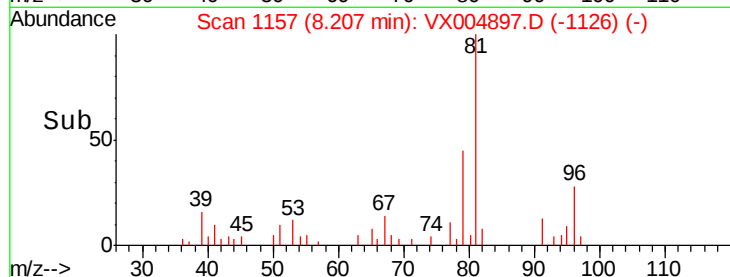
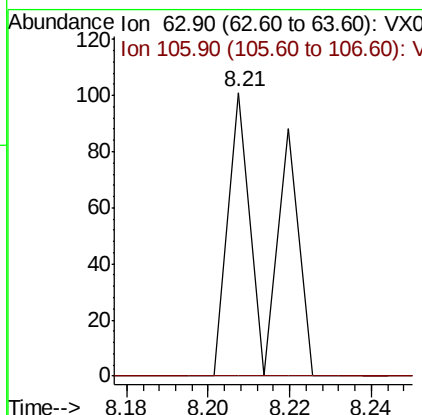
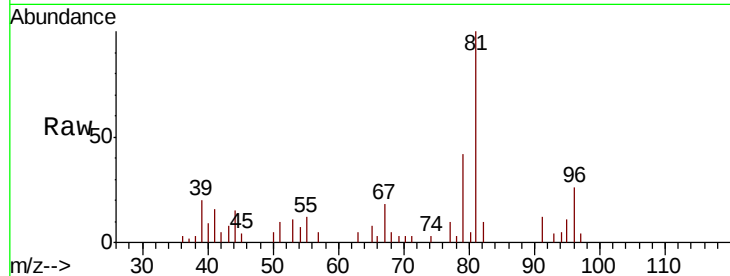




#58  
 2-Chloroethyl Vinyl ether  
 Concen: 14.266 ug/l  
 RT: 8.21 min Scan# 1157  
 Delta R.T. -0.11 min  
 Lab File: VX004897.D  
 Acq: 02 Oct 2018 03:58

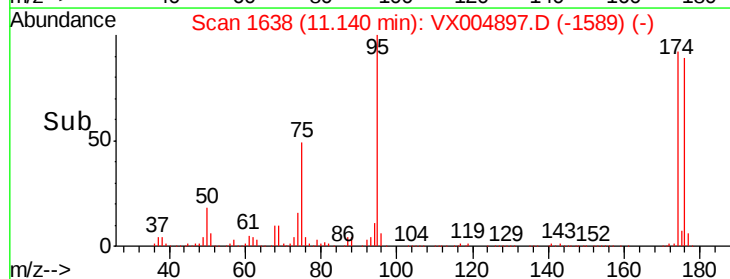
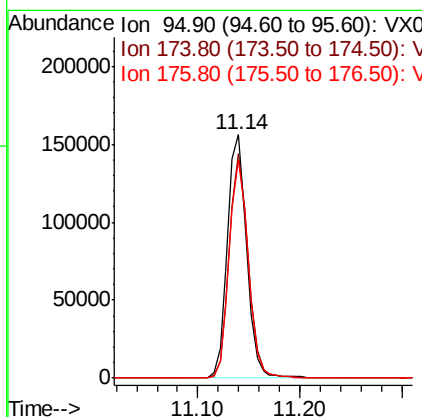
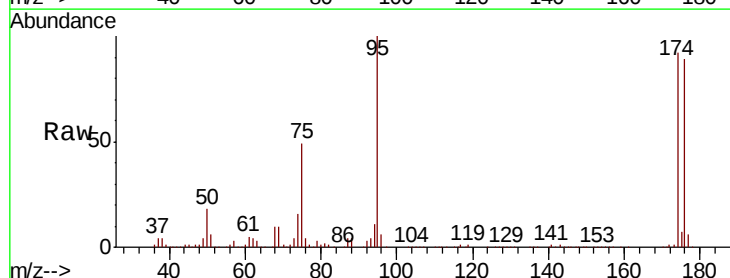
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 B-7(TW-1)DL

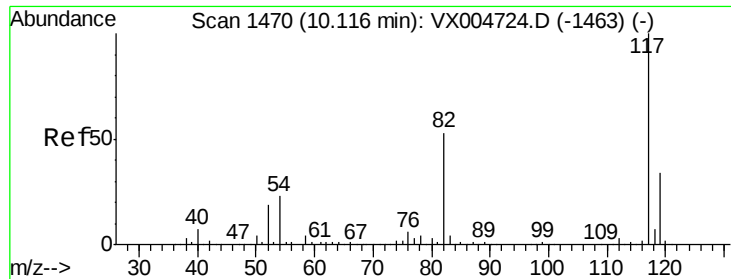
Tot Ion: 63 Resp: 69  
 Ion Ratio Lower Upper  
 63 100  
 106 0.0 23.9 35.9#



#62  
 4-Bromofluorobenzene  
 Concen: 54.373 ug/l  
 RT: 11.14 min Scan# 1638  
 Delta R.T. -0.00 min  
 Lab File: VX004897.D  
 Acq: 02 Oct 2018 03:58

Tgt Ion: 95 Resp: 204244  
 Ion Ratio Lower Upper  
 95 100  
 174 90.5 0.0 185.2  
 176 88.5 0.0 178.6

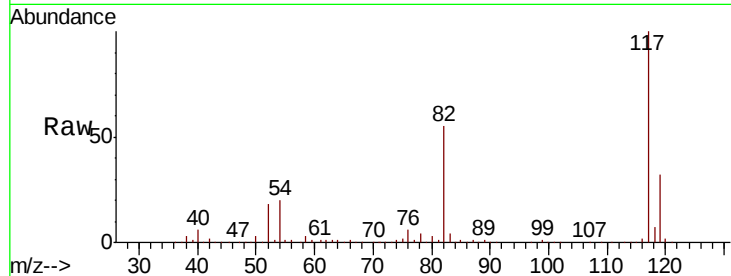




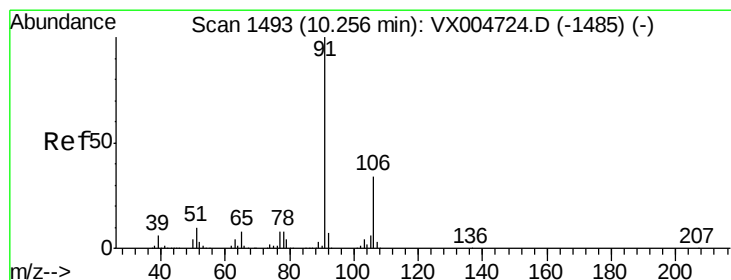
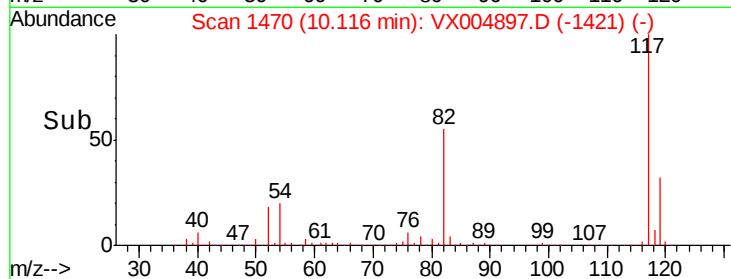
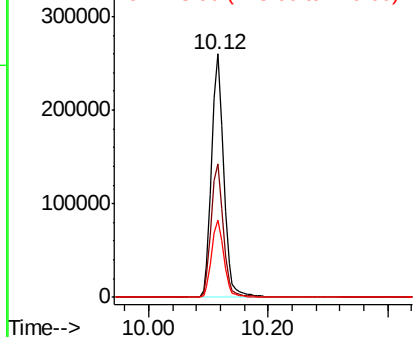
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. -0.00 min  
Lab File: VX004897.D  
Acq: 02 Oct 2018 03:58

Instrument :  
MSVOA\_X  
ClientSampled :  
B-7(TW-1)DL

Tot Ion:117 Resp: 360697  
Ion Ratio Lower Upper  
117 100  
82 54.6 47.8 71.6  
119 31.6 29.3 43.9

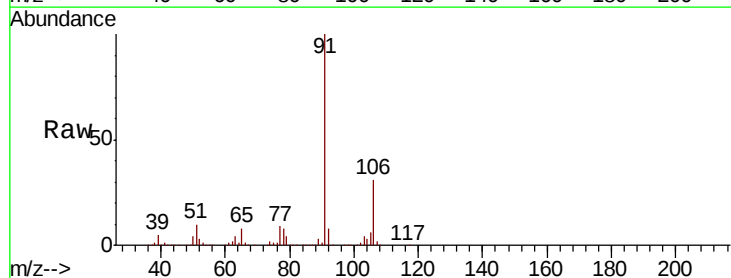


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

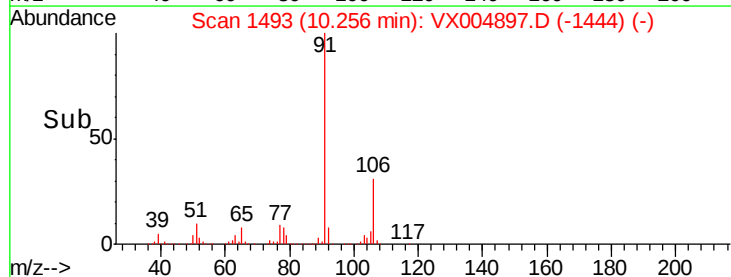
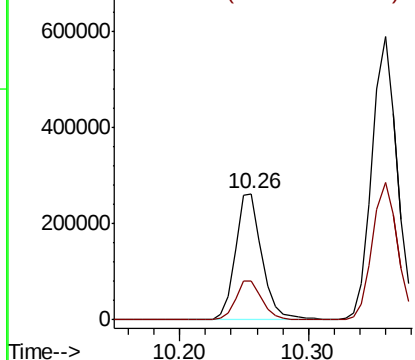


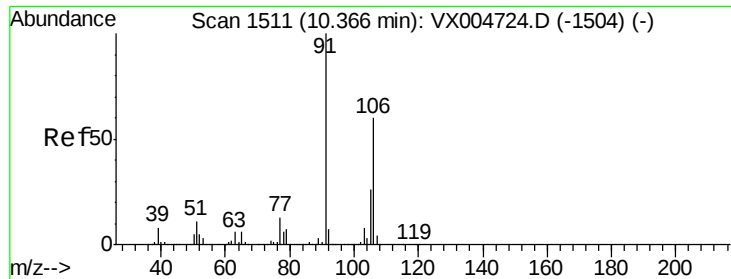
#67  
Ethyl Benzene  
Concen: 25.680 ug/l  
RT: 10.26 min Scan# 1493  
Delta R.T. -0.00 min  
Lab File: VX004897.D  
Acq: 02 Oct 2018 03:58

Tgt Ion: 91 Resp: 377096  
Ion Ratio Lower Upper  
91 100  
106 31.2 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0  
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xvlenes

Concen: 68.703 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX004897.D

Acq: 02 Oct 2018 03:58

Instrument :

MSVOA\_X

ClientSampled :

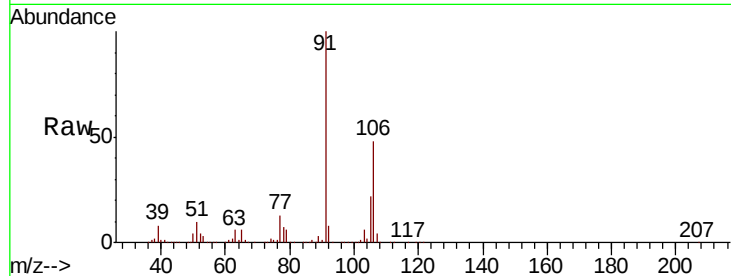
B-7(TW-1)DL

Tot Ion:106 Resp: 394235

Ion Ratio Lower Upper

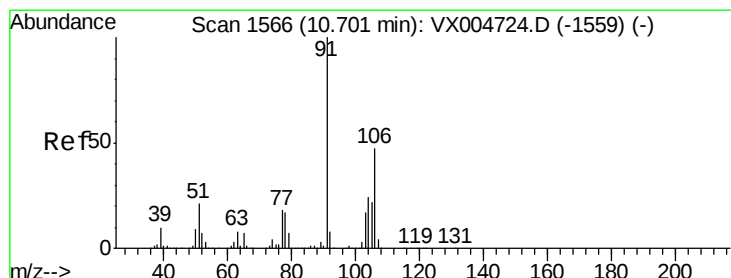
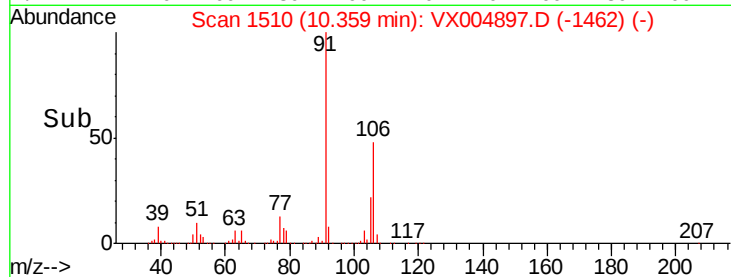
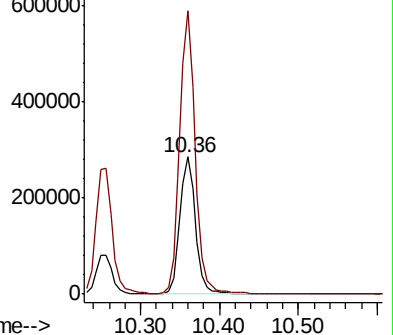
106 100

91 204.6 157.1 235.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 25.957 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VX004897.D

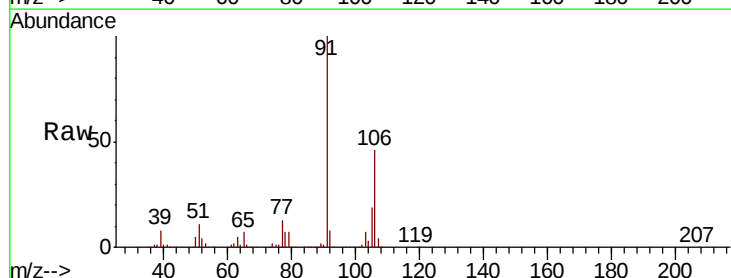
Acq: 02 Oct 2018 03:58

Tgt Ion:106 Resp: 136808

Ion Ratio Lower Upper

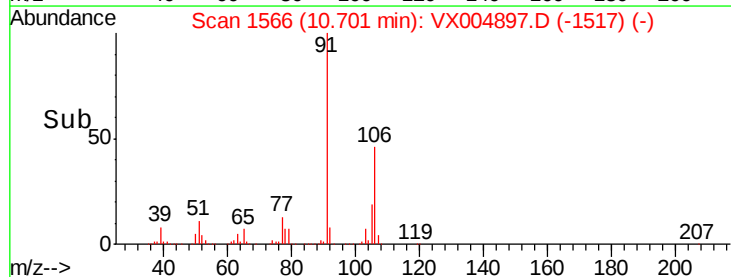
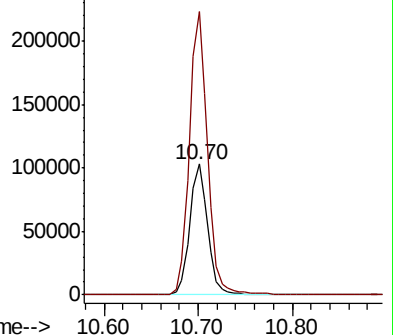
106 100

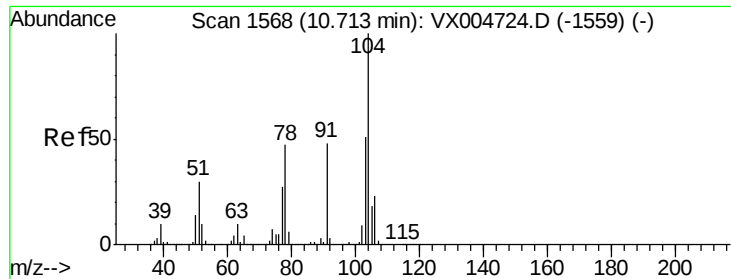
91 216.9 105.1 315.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

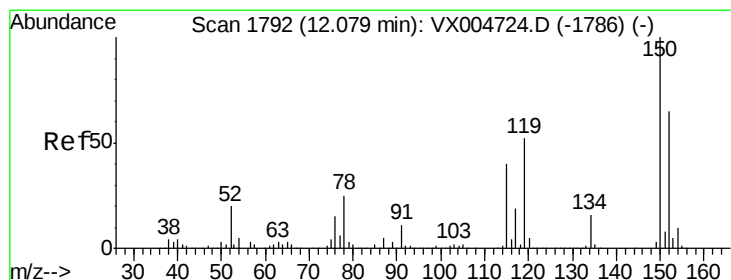
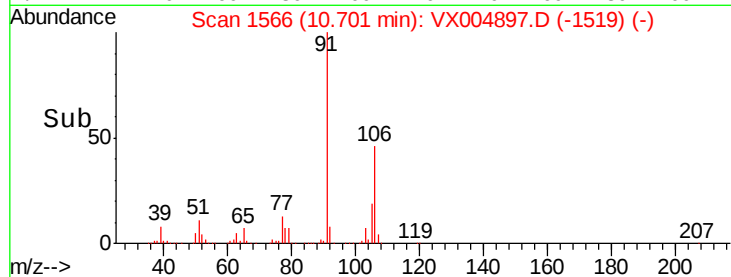
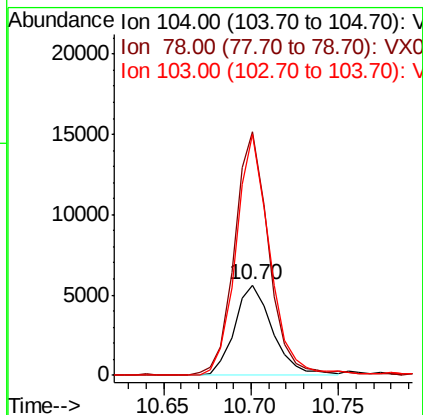
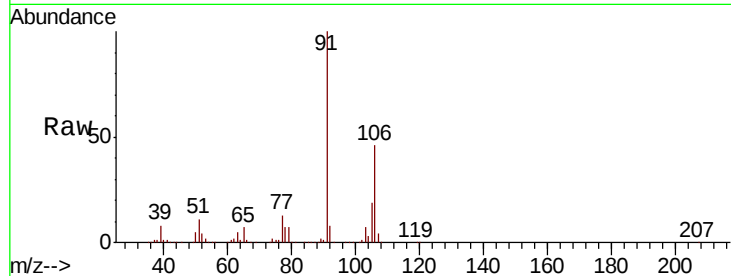




#70  
Stvrene  
Concen: 2.967 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. -0.01 min  
Lab File: VX004897.D  
Acq: 02 Oct 2018 03:58

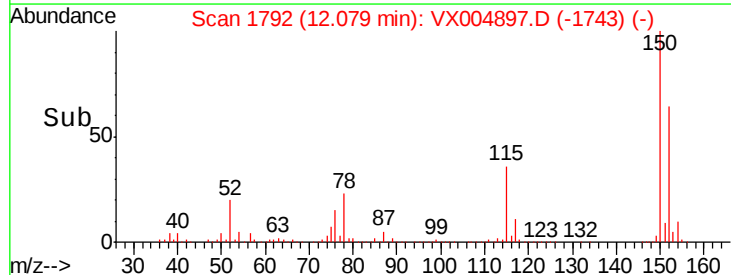
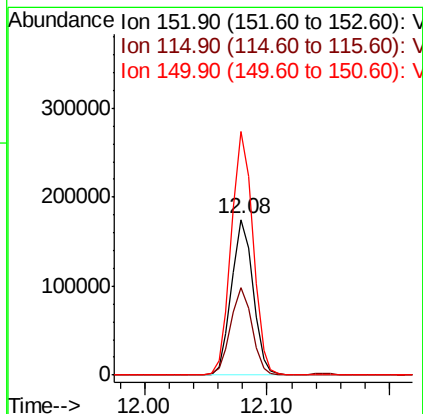
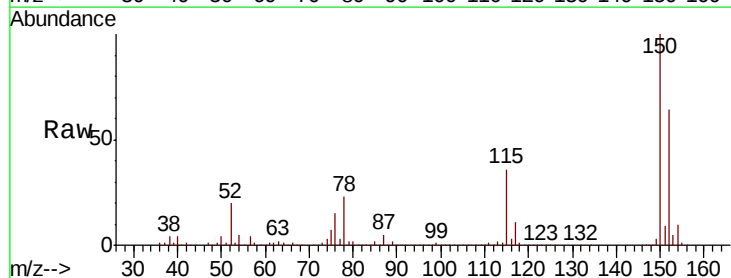
Instrument :  
MSVOA\_X  
ClientSampled :  
B-7(TW-1)DL

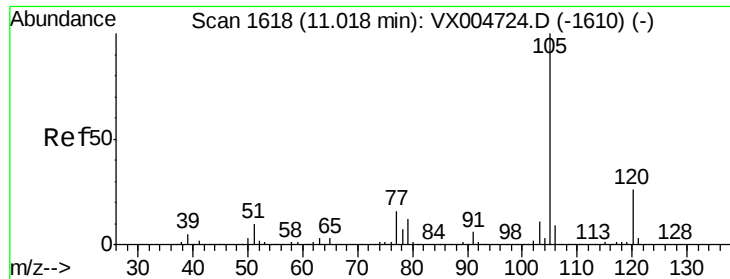
Tot Ion:104 Resp: 8514  
Ion Ratio Lower Upper  
104 100  
78 244.9 37.4 56.0#  
103 237.9 43.8 65.6#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: VX004897.D  
Acq: 02 Oct 2018 03:58

Tgt Ion:152 Resp: 213094  
Ion Ratio Lower Upper  
152 100  
115 55.6 39.0 117.0  
150 157.2 0.0 351.0





#73

Isopropylbenzene

Concen: 1.029 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004897.D

Acq: 02 Oct 2018 03:58

Instrument :

MSVOA\_X

ClientSampleId :

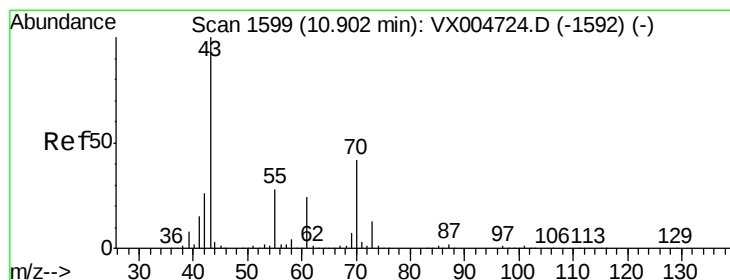
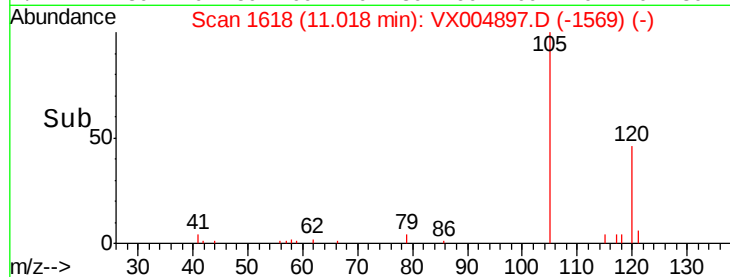
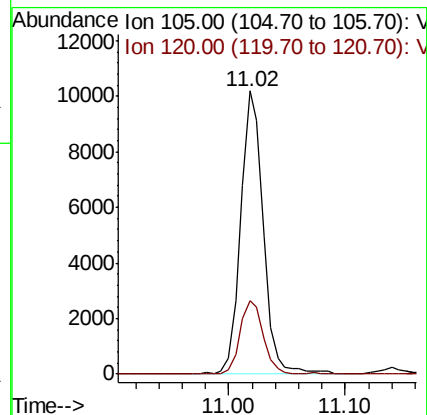
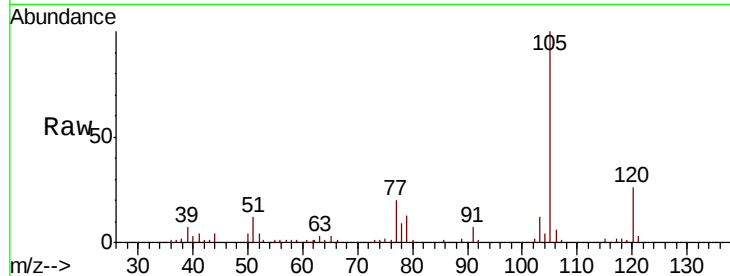
B-7(TW-1)DL

Tot Ion: 105 Resp: 13827

Ion Ratio Lower Upper

105 100

120 26.2 13.5 40.4



#74

N-ethyl acetate

Concen: 1.764 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VX004897.D

Acq: 02 Oct 2018 03:58

Tgt Ion: 43 Resp: 124

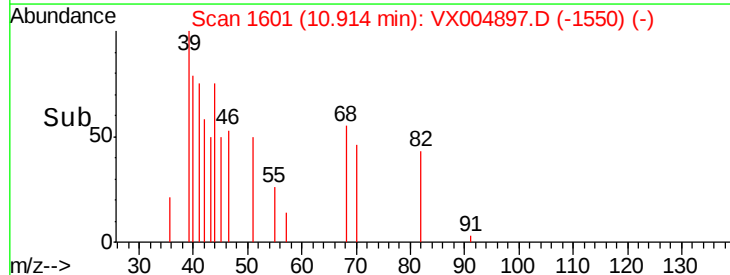
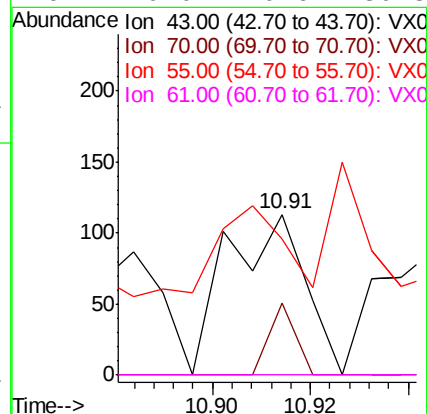
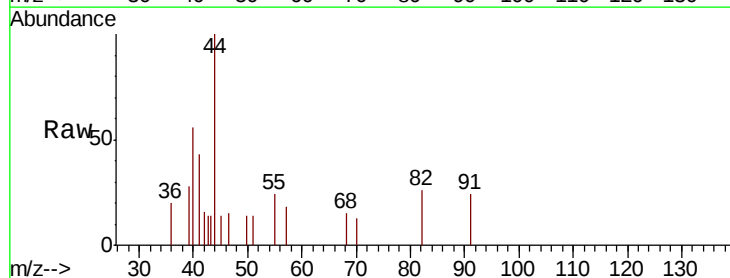
Ion Ratio Lower Upper

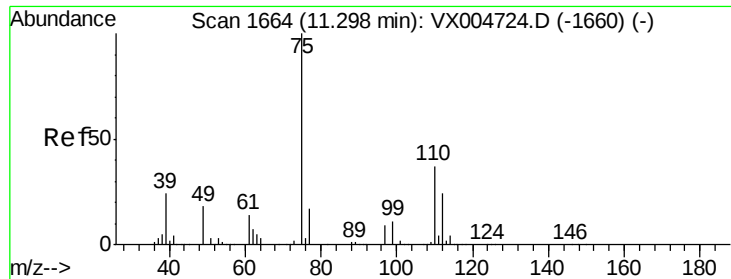
43 100

70 0.0 37.4 56.0#

55 184.7 21.8 32.8#

61 0.0 20.6 30.8#

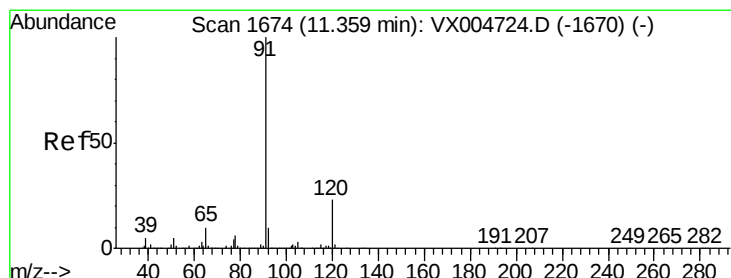
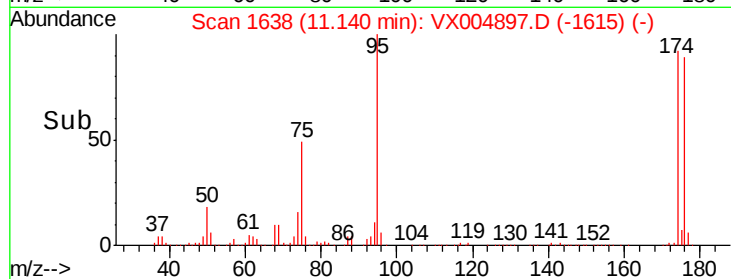
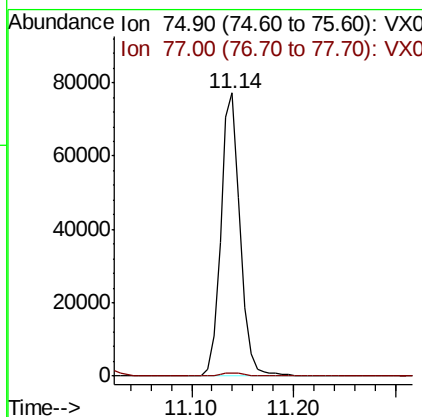
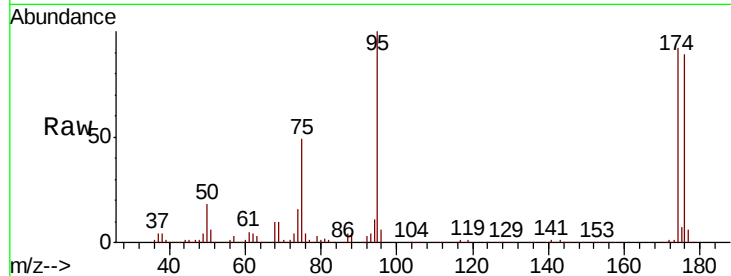




#76  
1,2,3-Trichloropropane  
Concen: 21.215 ug/l  
RT: 11.14 min Scan# 1638  
Delta R.T. -0.16 min  
Lab File: VX004897.D  
Acq: 02 Oct 2018 03:58

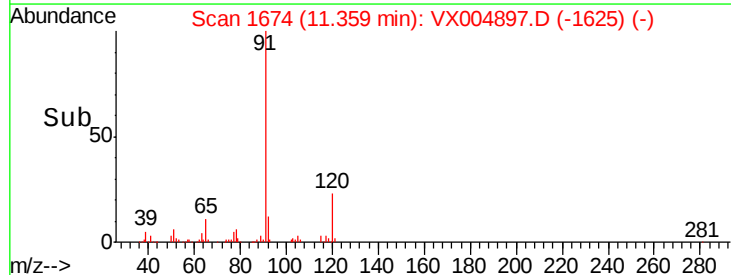
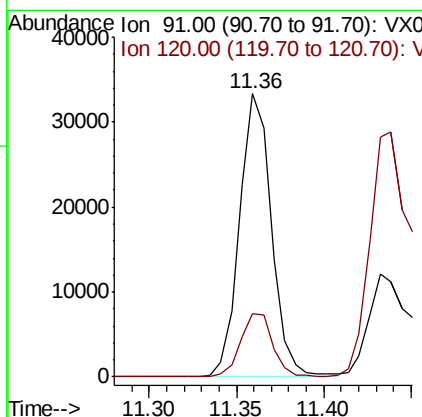
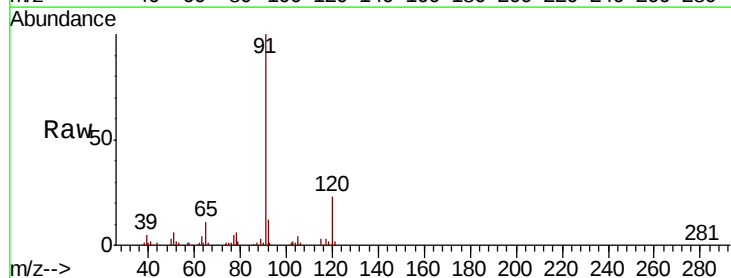
Instrument :  
MSVOA\_X  
ClientSampled :  
B-7(TW-1)DL

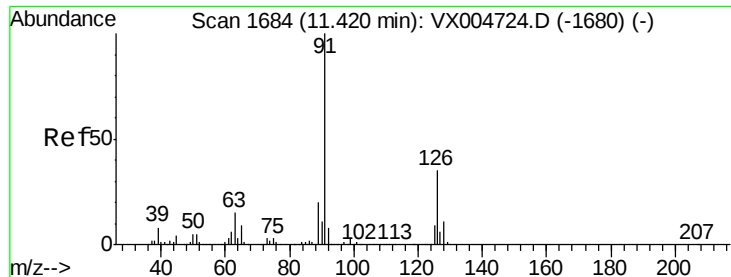
Tot Ion: 75 Resp: 101328  
Ion Ratio Lower Upper  
75 100  
77 1.4 20.2 60.6#



#78  
n-propylbenzene  
Concen: 2.758 ug/l  
RT: 11.36 min Scan# 1674  
Delta R.T. -0.00 min  
Lab File: VX004897.D  
Acq: 02 Oct 2018 03:58

Tgt Ion: 91 Resp: 42507  
Ion Ratio Lower Upper  
91 100  
120 22.6 11.9 35.9

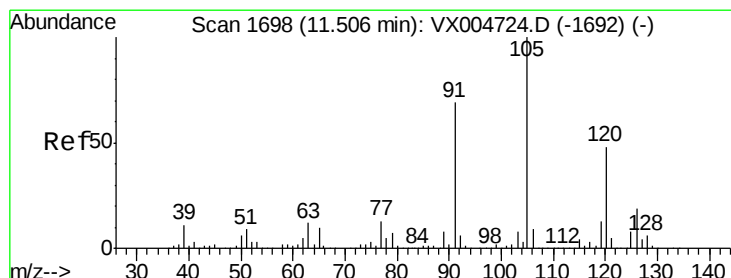
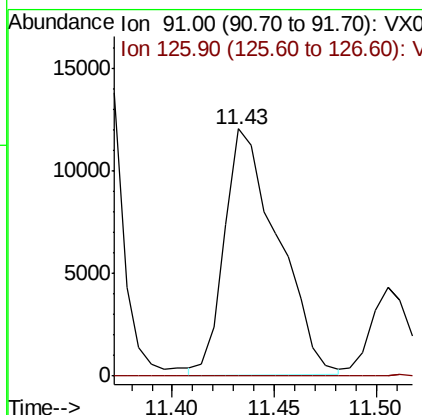
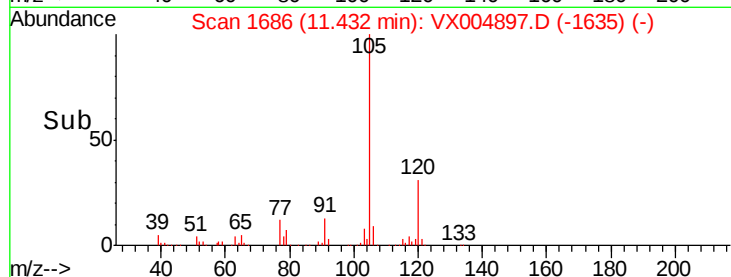
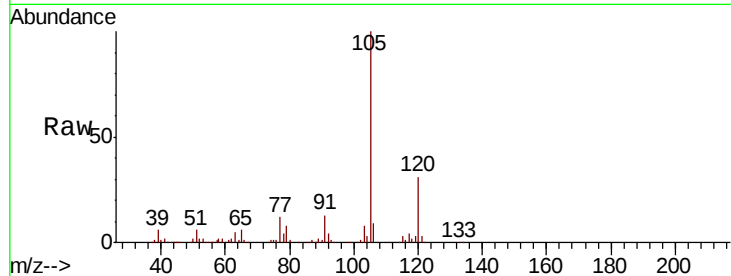




#79  
 2-Chlorotoluene  
 Concen: 2.277 ug/l  
 RT: 11.43 min Scan# 1686  
 Delta R.T. 0.01 min  
 Lab File: VX004897.D  
 Acq: 02 Oct 2018 03:58

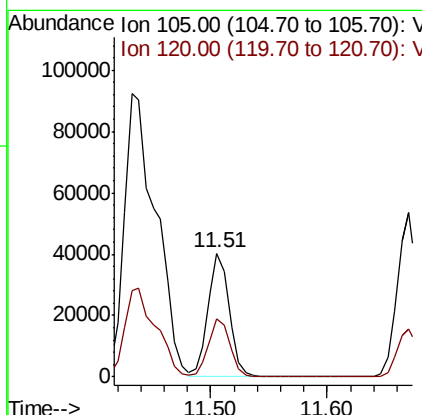
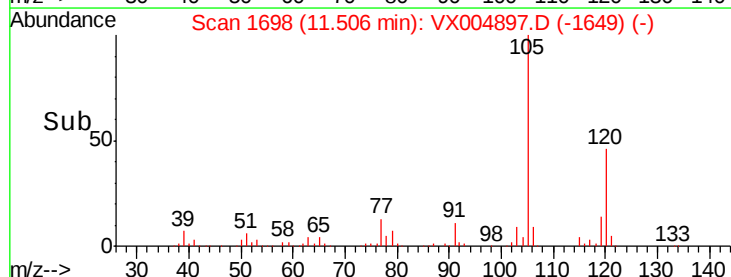
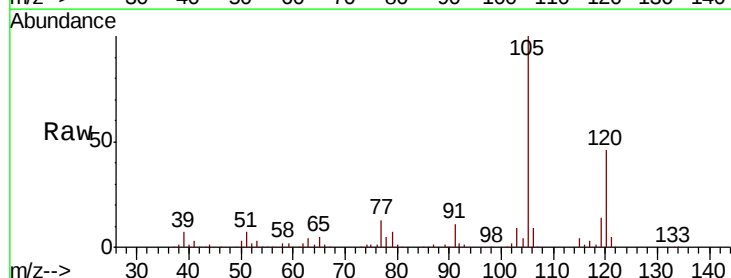
Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 B-7(TW-1)DL

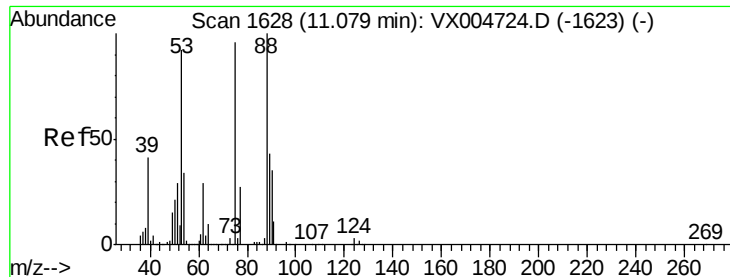
Tot Ion: 91 Resp: 21877  
 Ion Ratio Lower Upper  
 91 100  
 126 0.0 17.9 53.7#



#80  
 1,3,5-Trimethylbenzene  
 Concen: 3.949 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. 0.00 min  
 Lab File: VX004897.D  
 Acq: 02 Oct 2018 03:58

Tgt Ion: 105 Resp: 50857  
 Ion Ratio Lower Upper  
 105 100  
 120 47.8 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 57.549 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004897.D

Acq: 02 Oct 2018 03:58

Instrument :

MSVOA\_X

ClientSampleId :

B-7(TW-1)DL

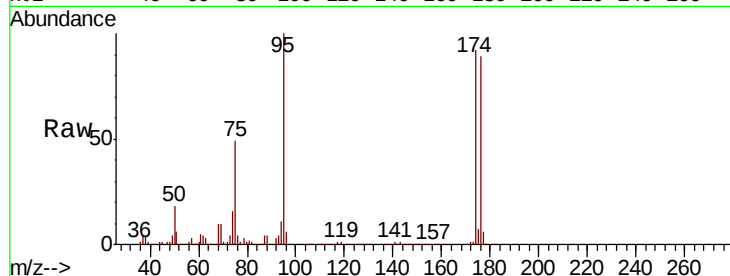
Tot Ion: 75 Resp: 101328

Ion Ratio Lower Upper

75 100

53 0.2 80.1 120.1#

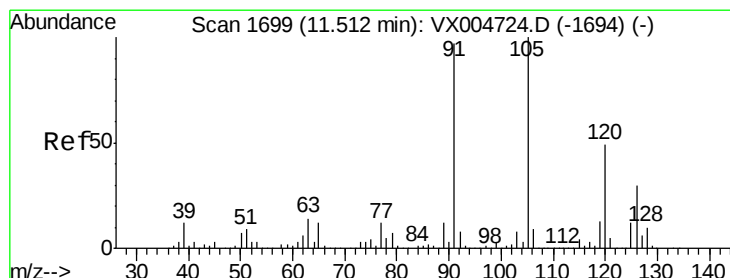
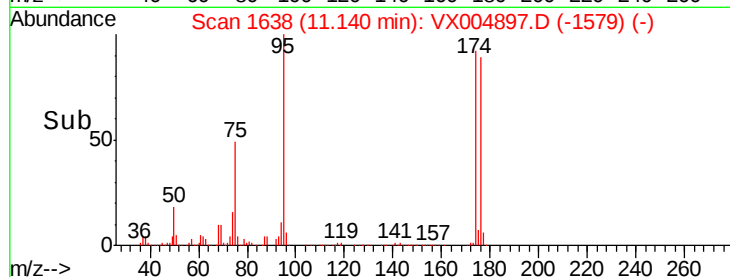
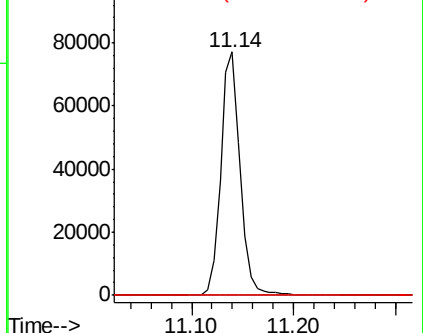
89 0.0 37.2 55.8#



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



#82

4-Chlorotoluene

Concen: 0.489 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX004897.D

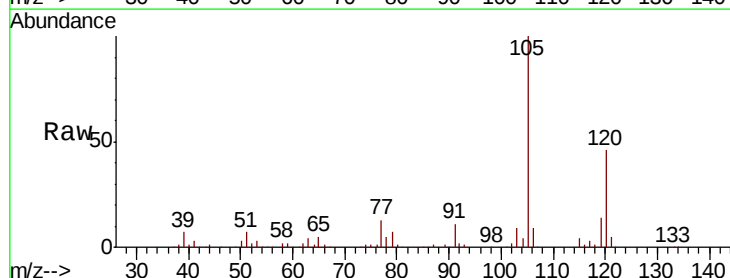
Acq: 02 Oct 2018 03:58

Tgt Ion: 91 Resp: 5530

Ion Ratio Lower Upper

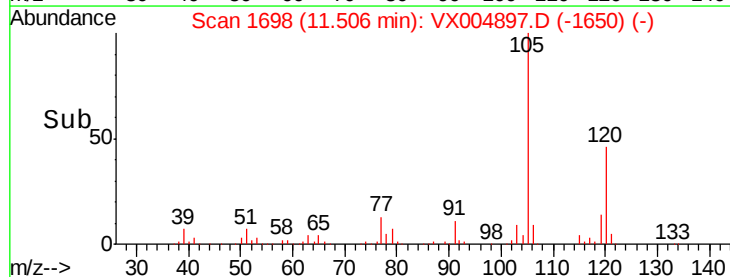
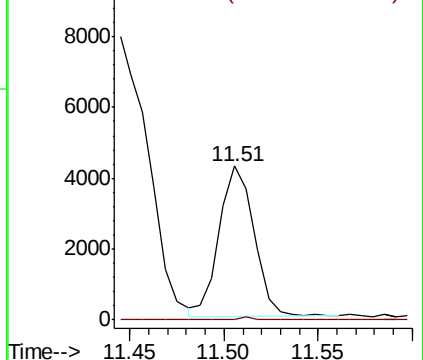
91 100

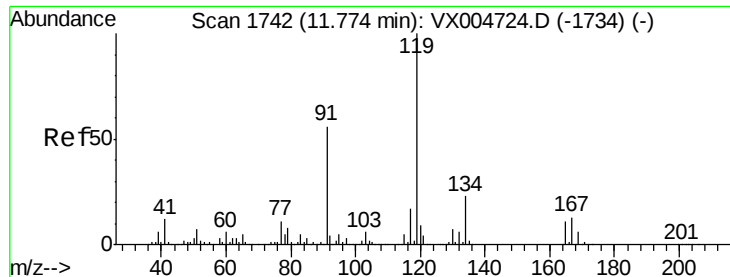
126 0.5 15.5 46.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

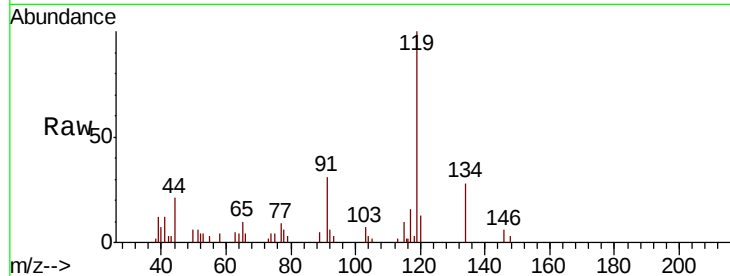




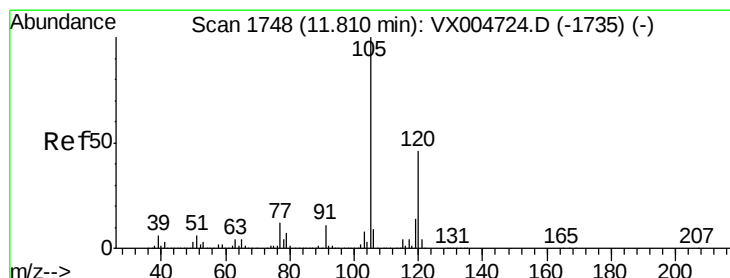
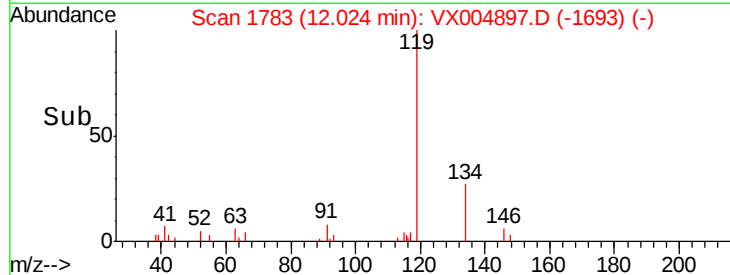
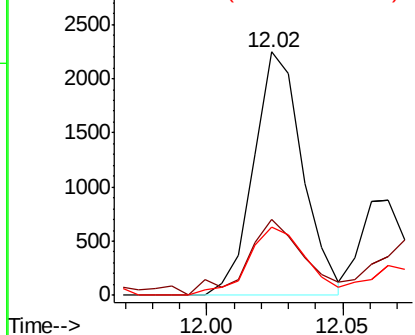
#83  
 tert-Butylbenzene  
 Concen: 0.254 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. 0.25 min  
 Lab File: VX004897.D  
 Acq: 02 Oct 2018 03:58

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 B-7(TW-1)DL

Tot Ion:119 Resp: 2809  
 Ion Ratio Lower Upper  
 119 100  
 91 36.0 27.0 81.0  
 134 32.7 11.7 35.1

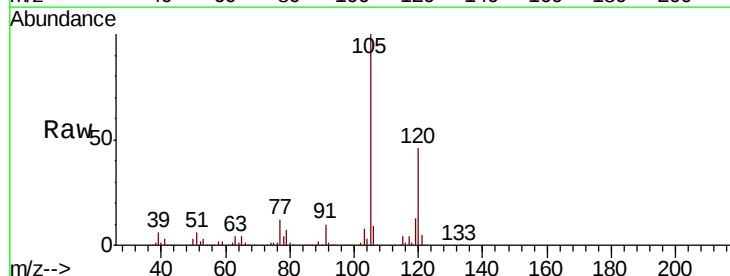


Abundance Ion 119.00 (118.70 to 119.70): V  
 Ion 91.00 (90.70 to 91.70): VX  
 Ion 134.00 (133.70 to 134.70): V

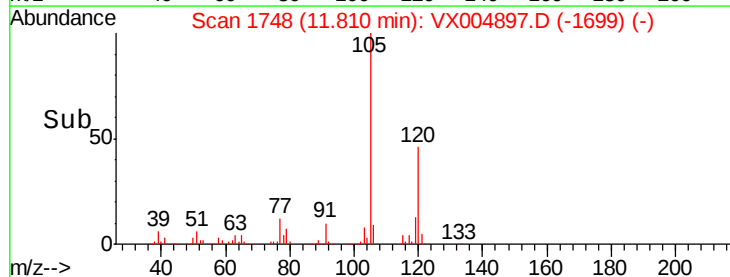
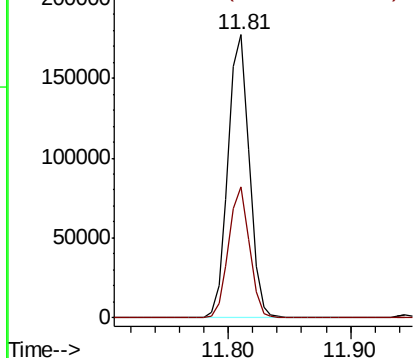


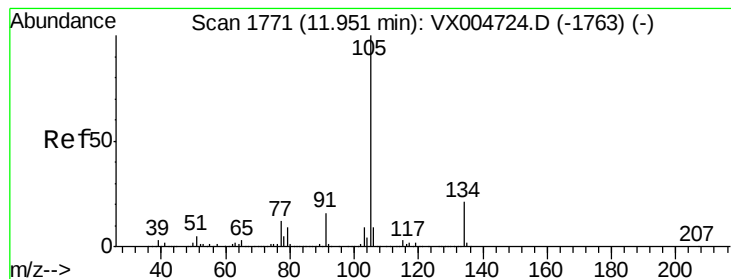
#84  
 1,2,4-Trimethylbenzene  
 Concen: 16.640 ug/l  
 RT: 11.81 min Scan# 1748  
 Delta R.T. 0.00 min  
 Lab File: VX004897.D  
 Acq: 02 Oct 2018 03:58

Tgt Ion:105 Resp: 212933  
 Ion Ratio Lower Upper  
 105 100  
 120 45.4 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V  
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 15.808 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.14 min

Lab File: VX004897.D

Acq: 02 Oct 2018 03:58

Instrument :

MSVOA\_X

ClientSampleId :

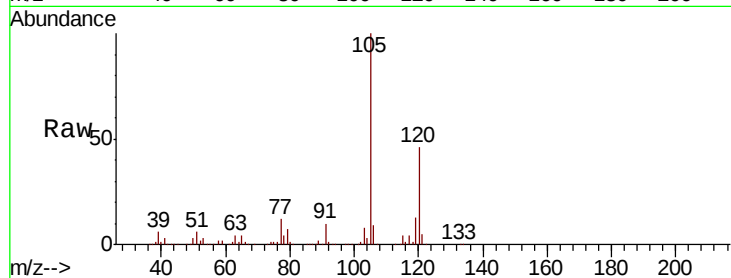
B-7(TW-1)DL

Tot Ion:105 Resp: 212933

Ion Ratio Lower Upper

105 100

134 0.2 10.5 31.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

100000

50000

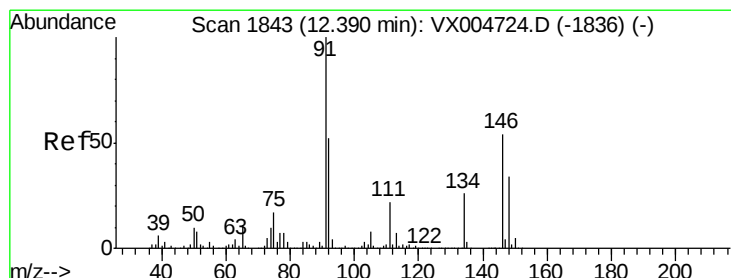
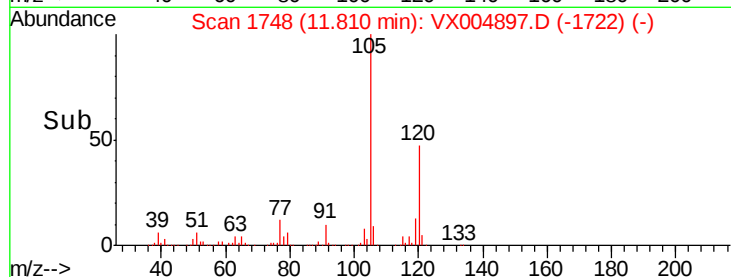
0

11.81

11.80

11.90

Time-->



#89

n-Butylbenzene

Concen: 0.432 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX004897.D

Acq: 02 Oct 2018 03:58

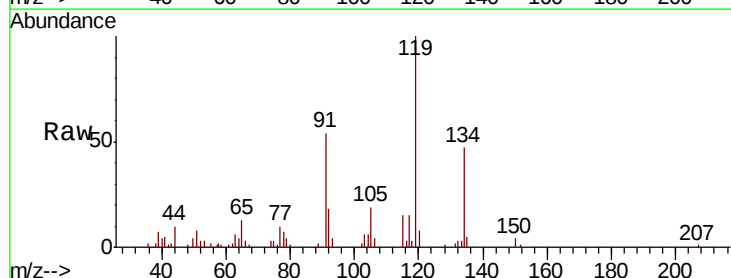
Tgt Ion: 91 Resp: 4786

Ion Ratio Lower Upper

91 100

92 29.9 27.3 81.9

134 112.8 13.6 40.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

10000

8000

6000

4000

2000

0

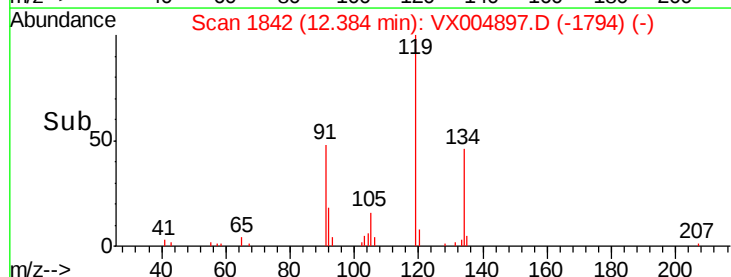
12.35

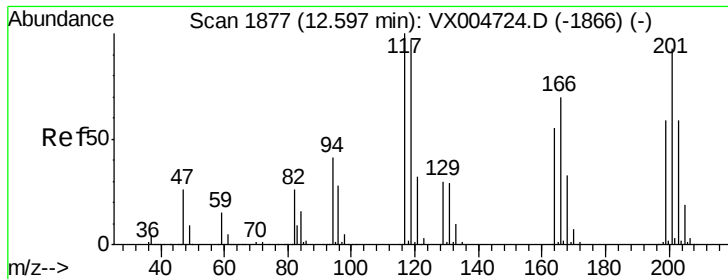
12.38

12.40

12.45

Time-->





#90

Hexachloroethane

Concen: 0.839 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX004897.D

Acq: 02 Oct 2018 03:58

Instrument :

MSVOA\_X

ClientSampleId :

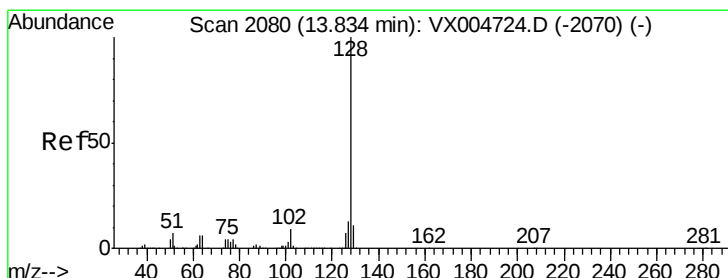
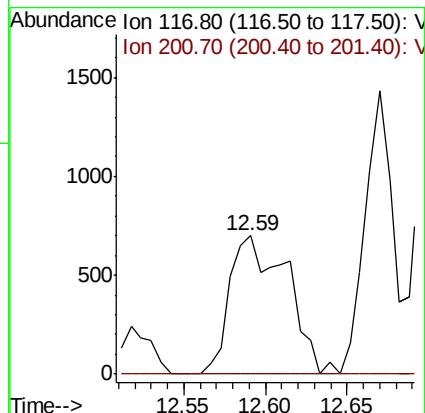
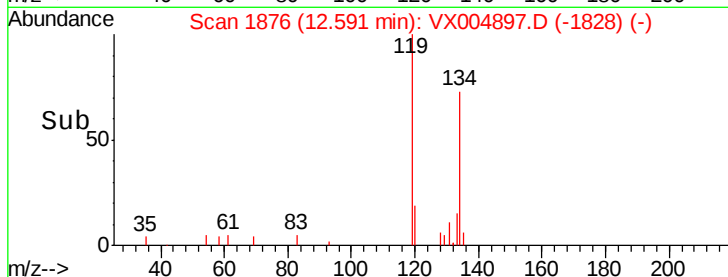
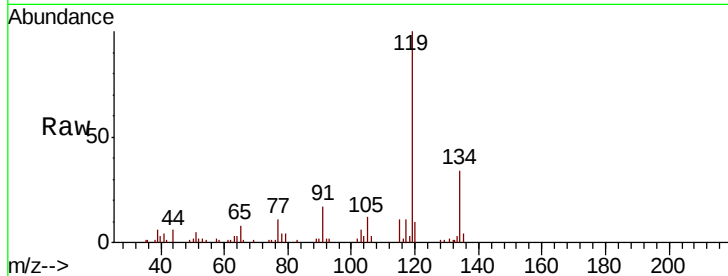
B-7(TW-1)DL

Tot Ion:117 Resp: 1704

Ion Ratio Lower Upper

117 100

201 0.0 46.9 140.6#



#95

Naphthalene

Concen: 5.664 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004897.D

Acq: 02 Oct 2018 03:58

Tgt Ion:128 Resp: 88914

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.9 8.6 12.8

