

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072219\  
 Data File : VX011033.D  
 Acq On : 22 Jul 2019 16:13  
 Operator : JC/SP  
 Sample : K3884-19DL 100X  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FL-0619DL

Quant Time: Jul 23 03:44:50 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071619W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jul 20 04:05:59 2019  
 Response via : Initial Calibration

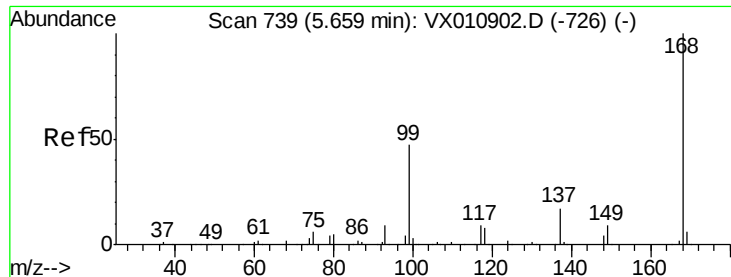
| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 230090   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 360201   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 343007   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 162670   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 125625   | 51.32 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 102.64% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 113028   | 49.44 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 98.88%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 441786   | 51.52 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 103.04% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 160860   | 51.04 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 102.08% |          |

| Target Compounds               | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|--------------------------------|-------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane     | 1.19  | 85   | 64       | 0.572   | ug/l # | 3      |
| 5) Bromomethane                | 1.65  | 94   | 518      | 0.426   | ug/l # | 65     |
| 6) Chloroethane                | 1.72  | 64   | 347      | 0.253   | ug/l # | 52     |
| 11) Tert butyl alcohol         | 3.02  | 59   | 1402     | 2.459   | ug/l # | 73     |
| 15) Acrylonitrile              | 3.17  | 53   | 414      | 0.359   | ug/l # | 50     |
| 16) Acetone                    | 2.44  | 43   | 139768   | 126.424 | ug/l   | 98     |
| 29) Tetrahydrofuran            | 5.12  | 42   | 327      | 0.325   | ug/l # | 29     |
| 31) Cyclohexane                | 5.58  | 56   | 16339    | 4.916   | ug/l   | 92     |
| 36) 1,1-Dichloropropene        | 5.67  | 75   | 15034    | 5.081   | ug/l # | 49     |
| 38) Carbon Tetrachloride       | 5.66  | 117  | 21187    | 6.872   | ug/l # | 17     |
| 39) Methylcyclohexane          | 7.46  | 83   | 12895    | 3.361   | ug/l   | 94     |
| 49) 1,4-Dioxane                | 7.82  | 88   | 39       | 0.575   | ug/l # | 77     |
| 52) Toluene                    | 8.78  | 92   | 379907   | 63.808  | ug/l   | 99     |
| 53) t-1,3-Dichloropropene      | 8.78  | 75   | 4597     | 1.457   | ug/l # | 1      |
| 60) Dibromochloromethane       | 9.34  | 129  | 47       | 2.544   | ug/l # | 11     |
| 67) Ethyl Benzene              | 10.25 | 91   | 123349   | 10.286  | ug/l   | 100    |
| 68) m/p-Xylenes                | 10.35 | 106  | 151150   | 32.860  | ug/l   | 99     |
| 69) o-Xylene                   | 10.69 | 106  | 73397    | 16.350  | ug/l   | 100    |
| 70) Styrene                    | 10.69 | 104  | 3583     | 0.479   | ug/l # | 1      |
| 73) Isopropylbenzene           | 11.02 | 105  | 10111    | 0.920   | ug/l   | 100    |
| 76) 1,2,3-Trichloropropane     | 11.13 | 75   | 81834    | 27.878  | ug/l # | 35     |
| 78) n-propylbenzene            | 11.36 | 91   | 11550    | 0.951   | ug/l   | 98     |
| 79) 2-Chlorotoluene            | 11.43 | 91   | 6466     | 0.886   | ug/l # | 39     |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 18676    | 2.033   | ug/l   | 98     |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75   | 81834    | 68.988  | ug/l # | 11     |
| 82) 4-Chlorotoluene            | 11.50 | 91   | 2234     | 0.263   | ug/l # | 43     |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 54077    | 5.842   | ug/l   | 99     |
| 85) sec-Butylbenzene           | 11.80 | 105  | 54077    | 5.116   | ug/l # | 55     |
| 95) Naphthalene                | 13.83 | 128  | 20682    | 1.982   | ug/l   | 98     |

(#) = 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: VX011033.D

Acq: 22 Jul 2019 16:13

Instrument :

MSVOA\_X

ClientSampleID :

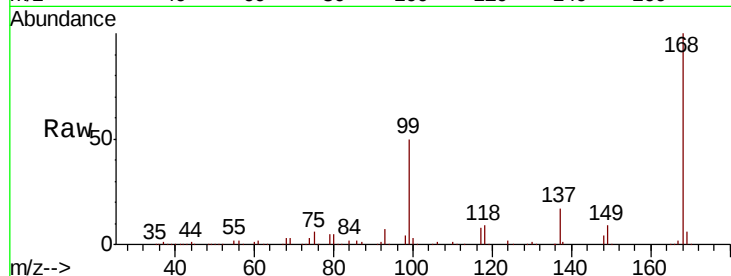
FL-0619DL

Tot Ion:168 Resp: 230090

Ion Ratio Lower Upper

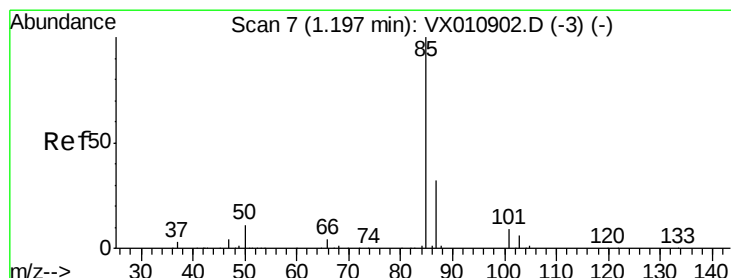
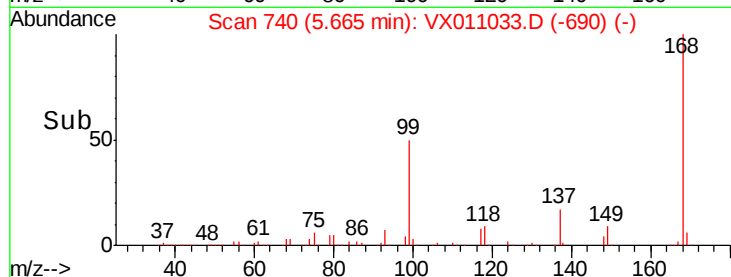
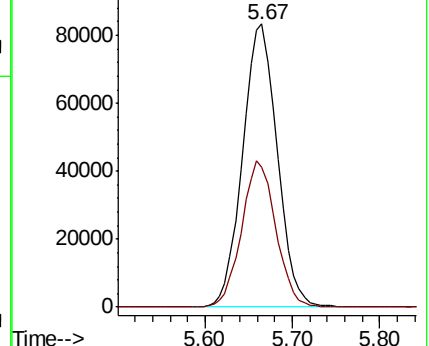
168 100

99 49.5 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.572 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.01 min

Lab File: VX011033.D

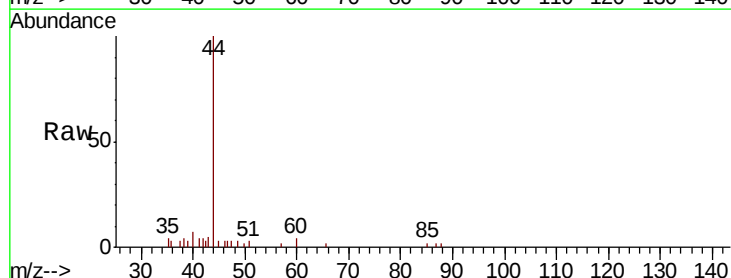
Acq: 22 Jul 2019 16:13

Tgt Ion: 85 Resp: 64

Ion Ratio Lower Upper

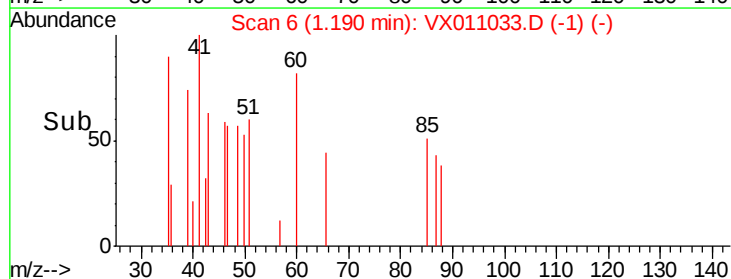
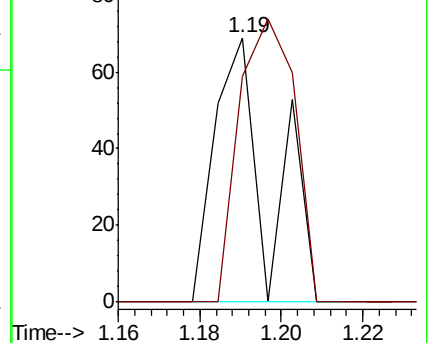
85 100

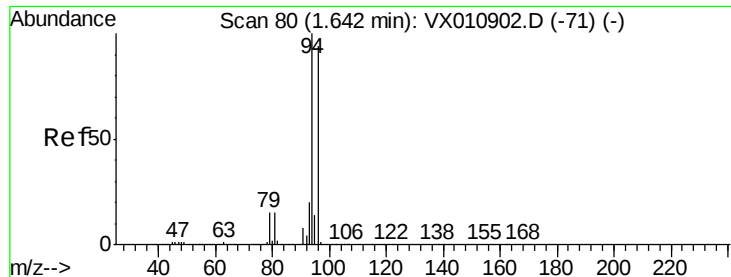
87 85.5 15.9 47.7#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#5

Bromomethane

Concen: 0.426 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX011033.D

Acq: 22 Jul 2019 16:13

Instrument :

MSVOA\_X

ClientSampled :

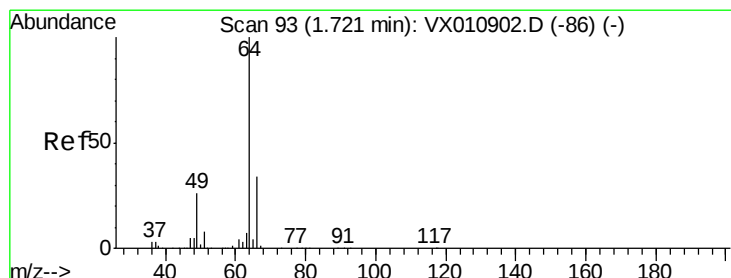
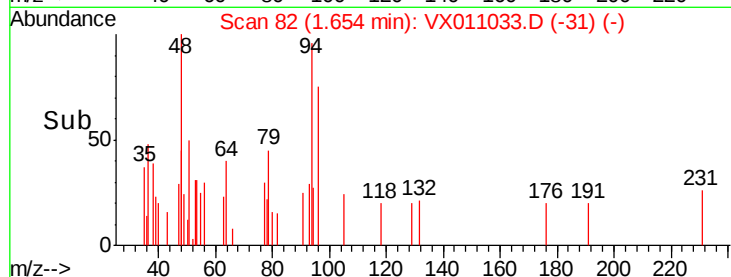
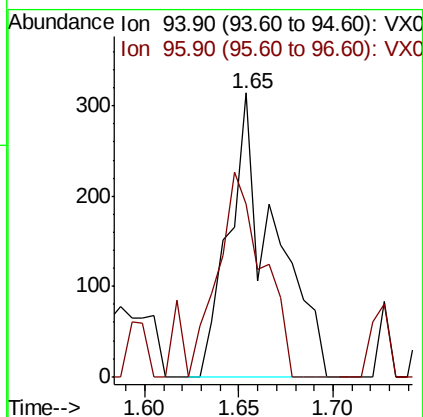
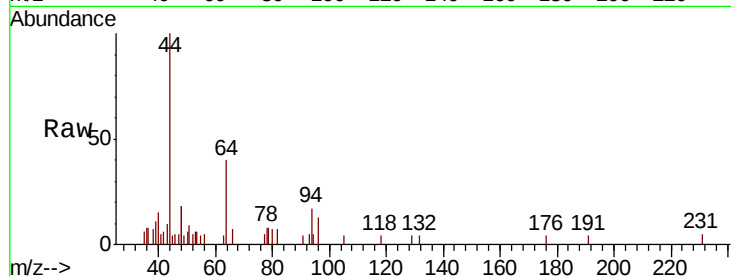
FL-0619DL

Tot Ion: 94 Resp: 518

Ion Ratio Lower Upper

94 100

96 60.8 75.6 113.4#



#6

Chloroethane

Concen: 0.253 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX011033.D

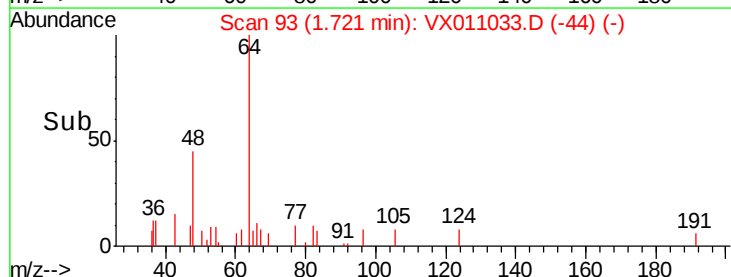
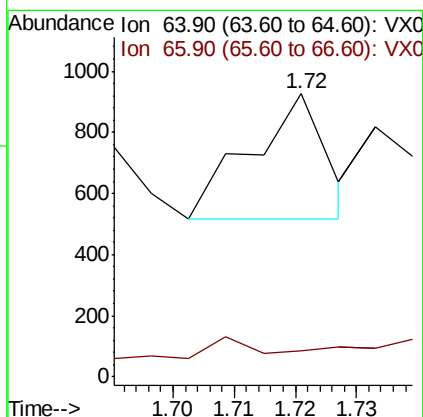
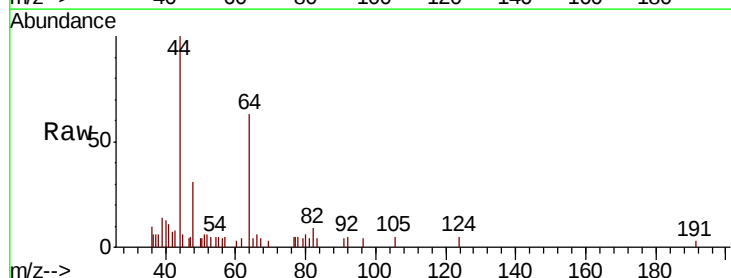
Acq: 22 Jul 2019 16:13

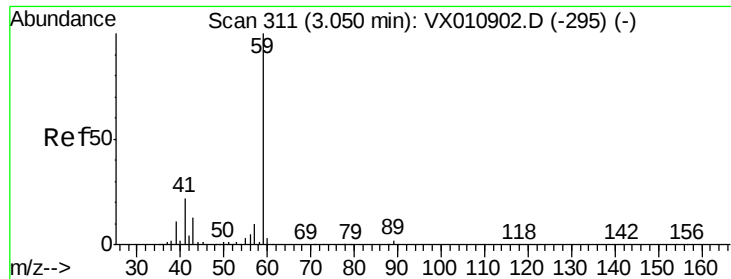
Tgt Ion: 64 Resp: 347

Ion Ratio Lower Upper

64 100

66 6.6 27.0 40.6#



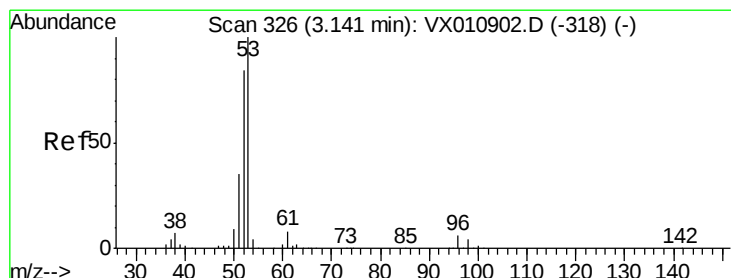
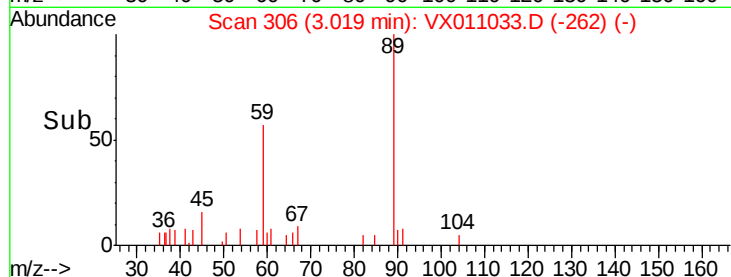
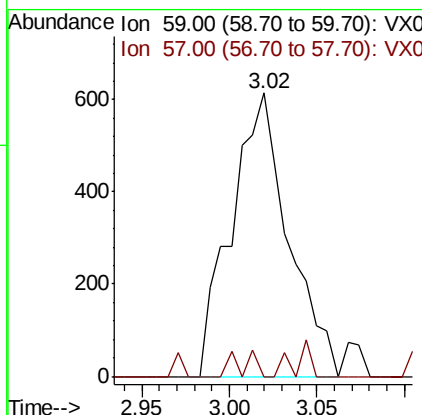
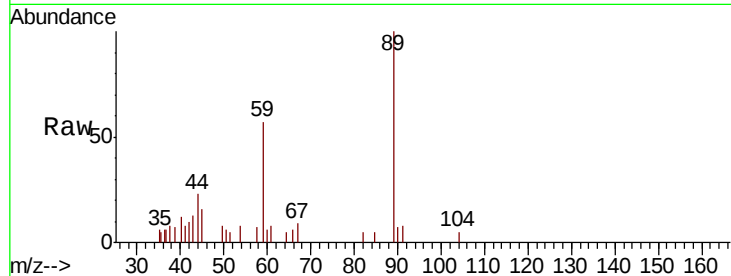


#11

Tert butyl alcohol  
 Concen: 2.459 ug/l  
 RT: 3.02 min Scan# 306  
 Delta R.T. -0.03 min  
 Lab File: VX011033.D  
 Acq: 22 Jul 2019 16:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FL-0619DL

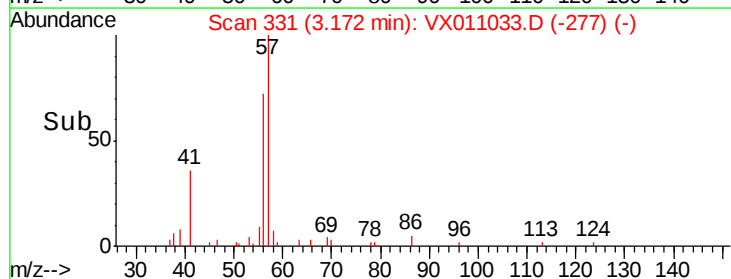
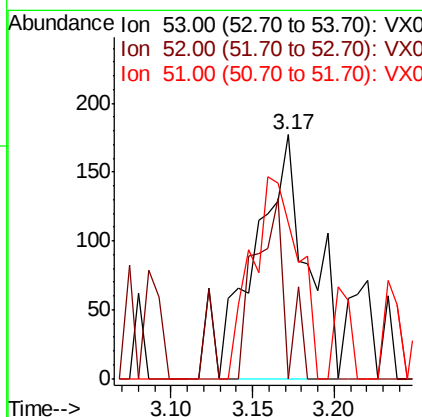
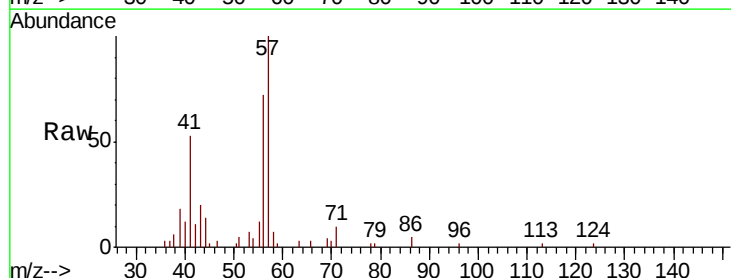
Tot Ion: 59 Resp: 1402  
 Ion Ratio Lower Upper  
 59 100  
 57 0.0 7.9 11.9#

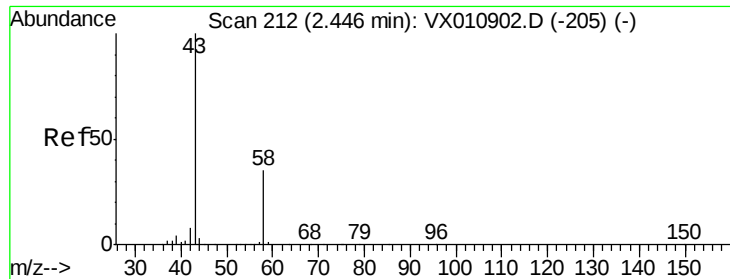


#15

Acrylonitrile  
 Concen: 0.359 ug/l  
 RT: 3.17 min Scan# 331  
 Delta R.T. 0.03 min  
 Lab File: VX011033.D  
 Acq: 22 Jul 2019 16:13

Tgt Ion: 53 Resp: 414  
 Ion Ratio Lower Upper  
 53 100  
 52 41.8 66.5 99.7#  
 51 70.8 28.2 42.4#





#16

Acetone

Concen: 126.424 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011033.D

Acq: 22 Jul 2019 16:13

Instrument :

MSVOA\_X

ClientSampleId :

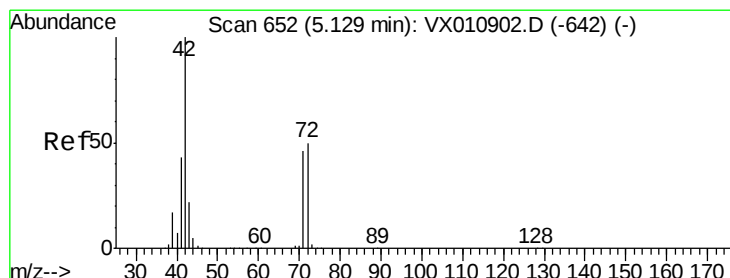
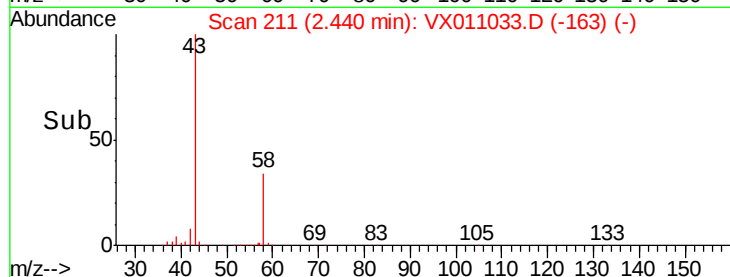
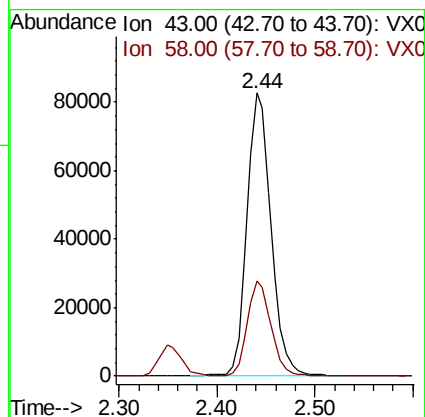
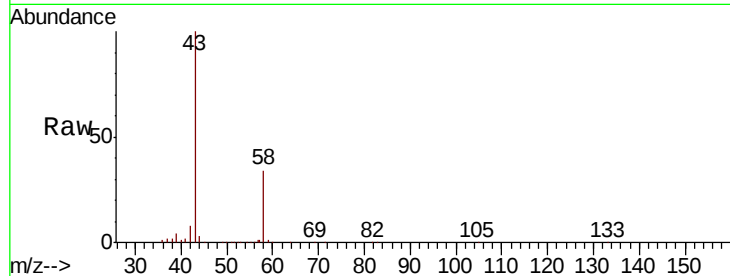
FL-0619DL

Tot Ion: 43 Resp: 139768

Ion Ratio Lower Upper

43 100

58 33.5 27.7 41.5



#29

Tetrahydrofuran

Concen: 0.325 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX011033.D

Acq: 22 Jul 2019 16:13

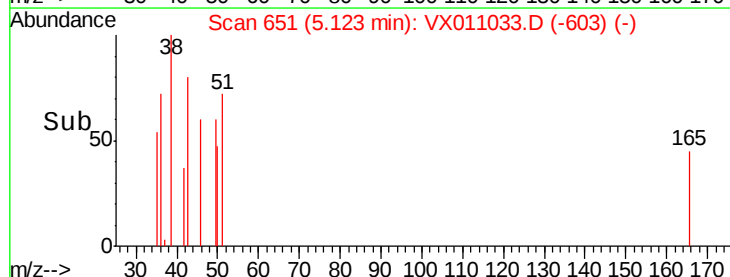
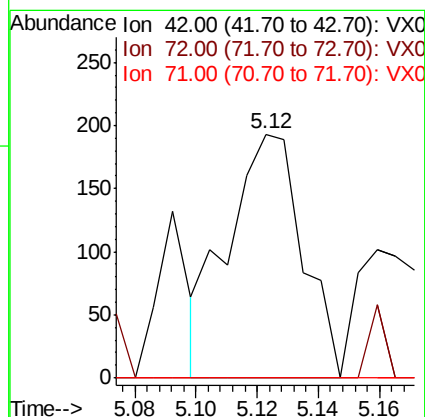
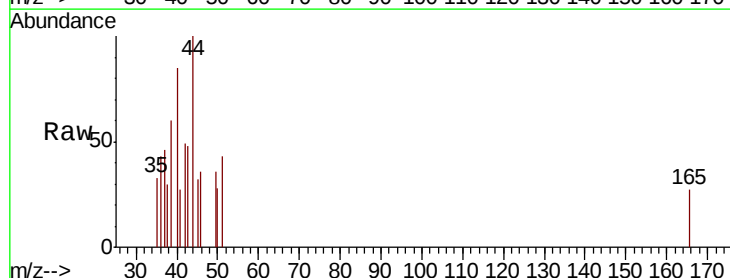
Tgt Ion: 42 Resp: 327

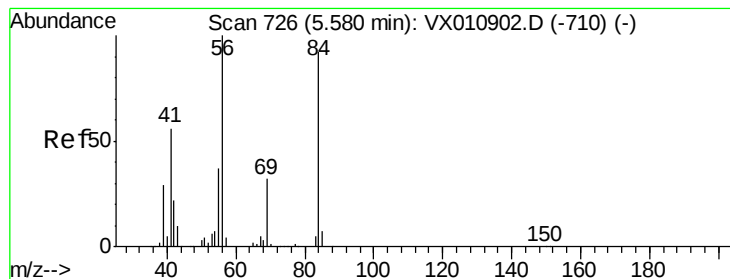
Ion Ratio Lower Upper

42 100

72 0.0 39.8 59.8#

71 0.0 37.0 55.4#





#31

Cyclohexane

Concen: 4.916 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX011033.D

Acq: 22 Jul 2019 16:13

Instrument :

MSVOA\_X

ClientSampleID :

FL-0619DL

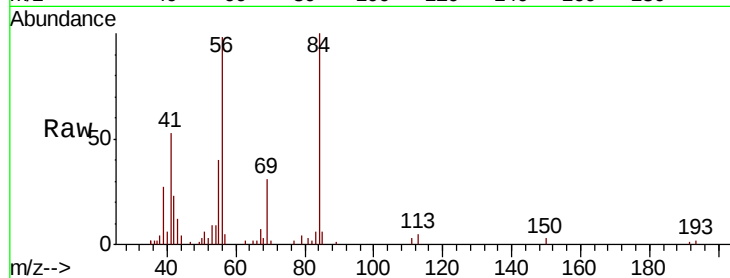
Tot Ion: 56 Resp: 16339

Ion Ratio Lower Upper

56 100

69 32.0 25.8 38.8

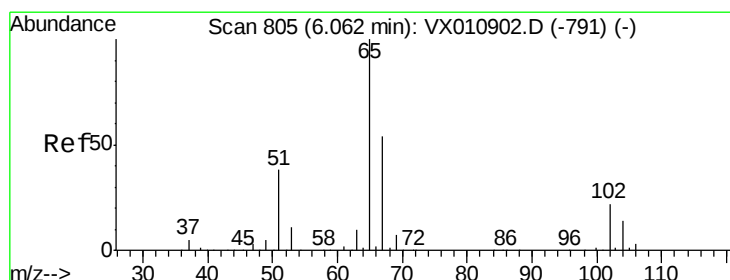
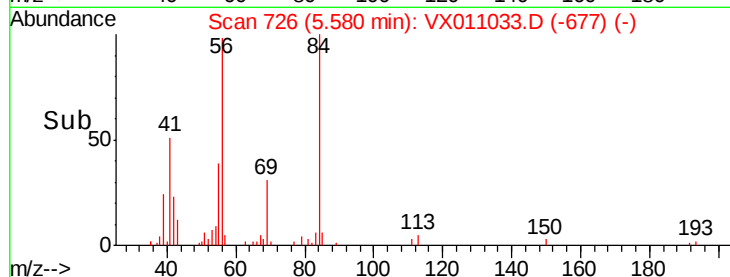
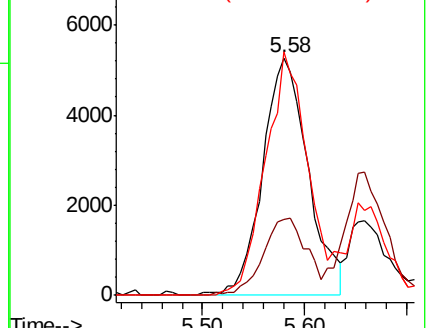
84 102.4 73.8 110.6



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: 51.321 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX011033.D

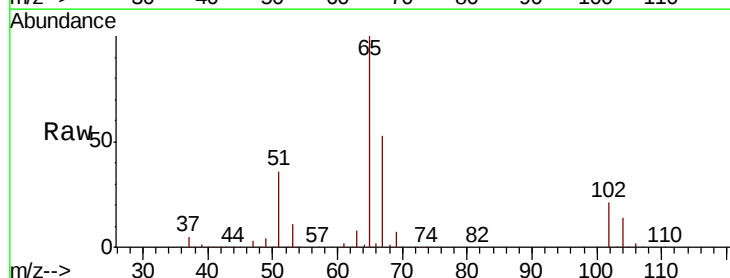
Acq: 22 Jul 2019 16:13

Tgt Ion: 65 Resp: 125625

Ion Ratio Lower Upper

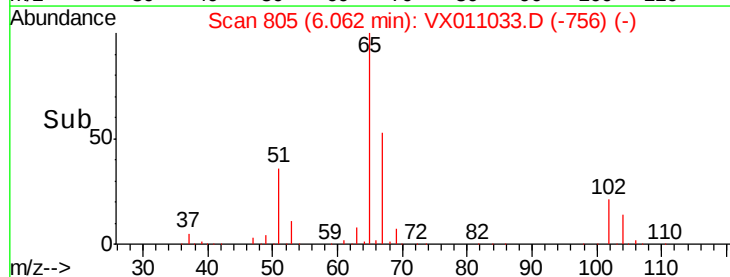
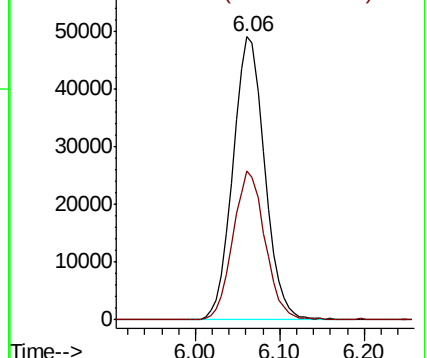
65 100

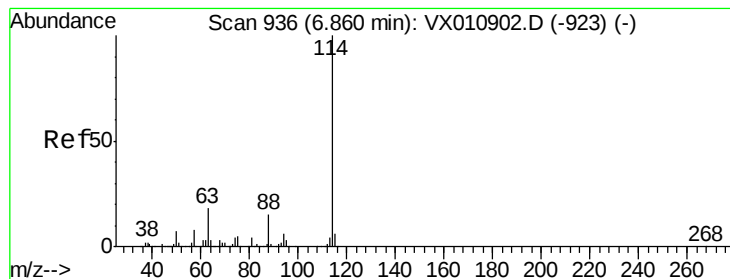
67 52.9 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX011033.D

Acq: 22 Jul 2019 16:13

Instrument :

MSVOA\_X

ClientSampleId :

FL-0619DL

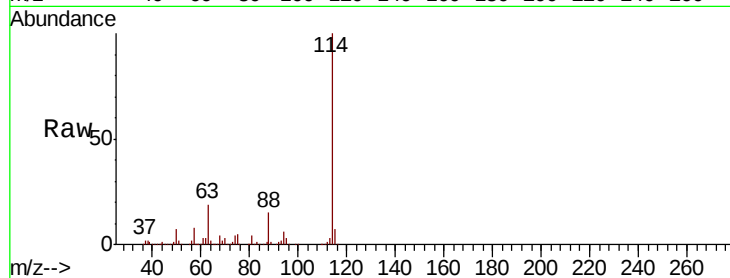
Tot Ion:114 Resp: 360201

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.6

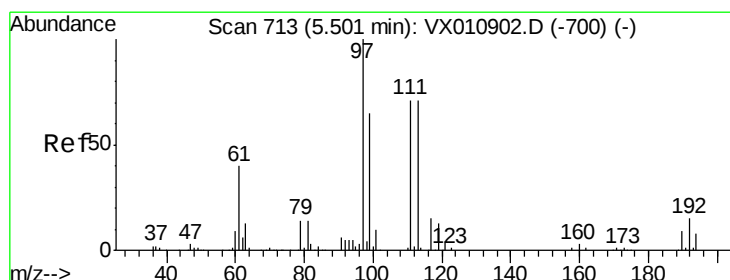
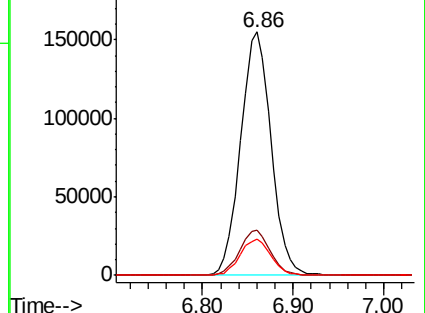
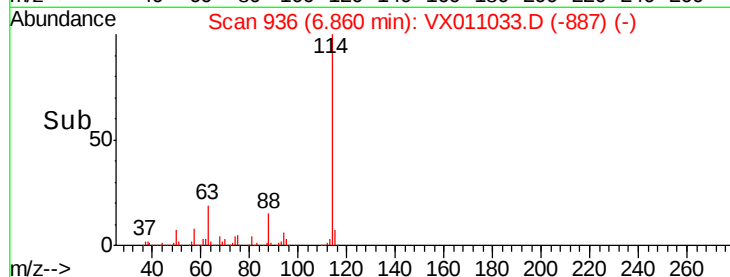
88 14.8 0.0 29.8



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



#35

Dibromofluoromethane

Concen: 49.438 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX011033.D

Acq: 22 Jul 2019 16:13

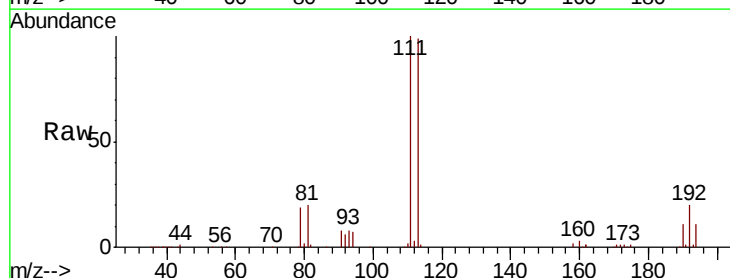
Tgt Ion:113 Resp: 113028

Ion Ratio Lower Upper

113 100

111 101.4 82.3 123.5

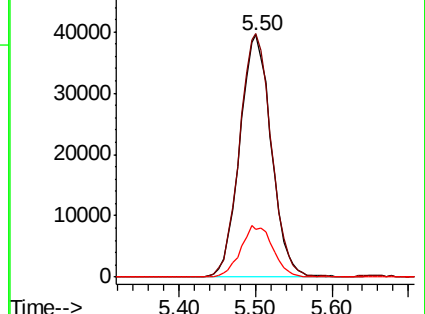
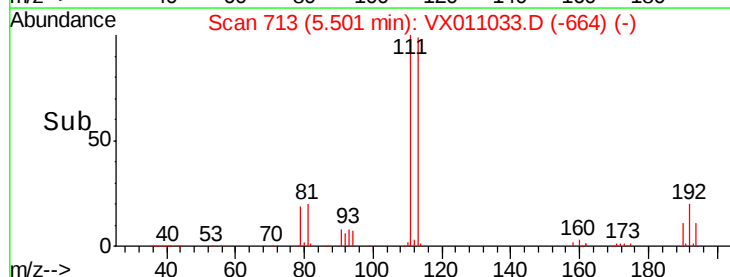
192 21.7 17.4 26.2

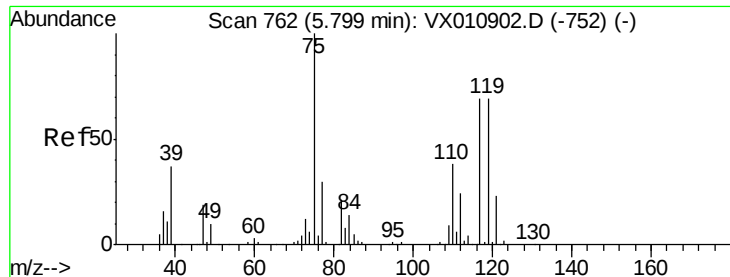


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.081 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX011033.D

Acq: 22 Jul 2019 16:13

Instrument :

MSVOA\_X

ClientSampled :

FL-0619DL

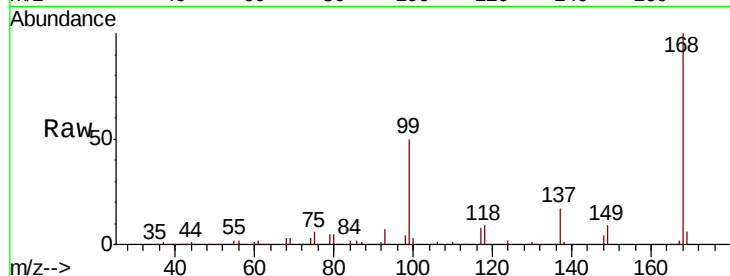
Tot Ion: 75 Resp: 15034

Ion Ratio Lower Upper

75 100

110 10.7 19.9 59.7#

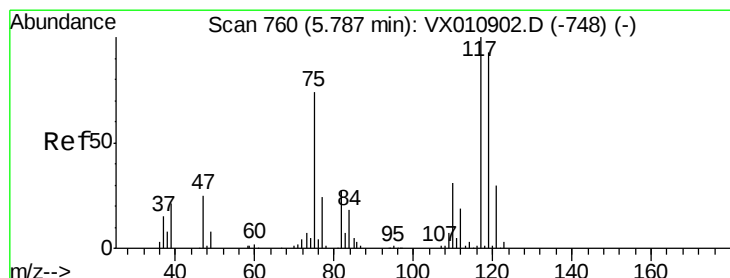
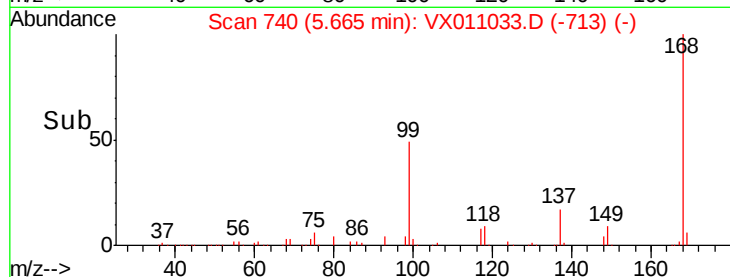
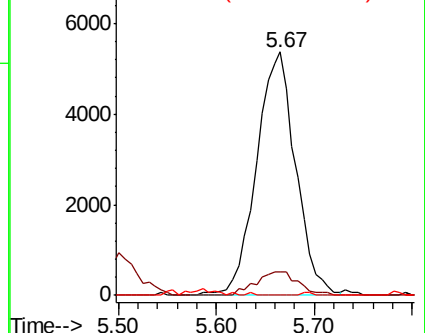
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VX011033.D (-713) (-)

Ion 109.90 (109.60 to 110.60): VX011033.D (-713) (-)

Ion 76.90 (76.60 to 77.60): VX011033.D (-713) (-)



#38

Carbon Tetrachloride

Concen: 6.872 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX011033.D

Acq: 22 Jul 2019 16:13

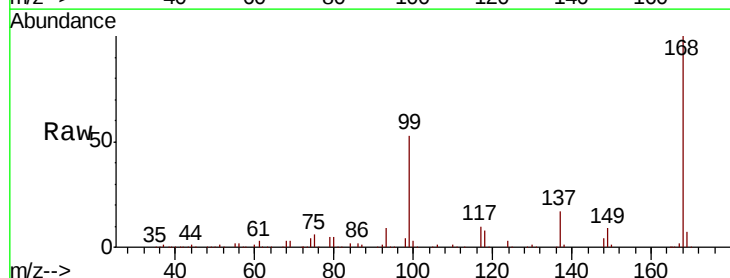
Tgt Ion: 117 Resp: 21187

Ion Ratio Lower Upper

117 100

119 4.6 74.2 111.2#

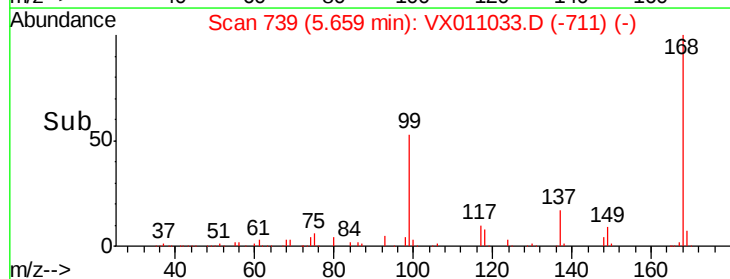
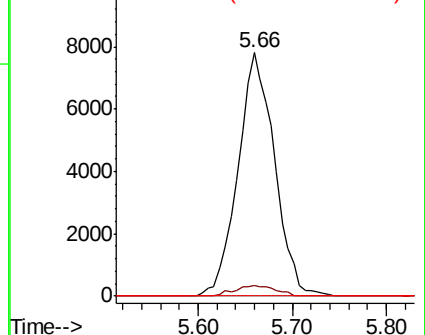
121 0.0 24.2 36.2#

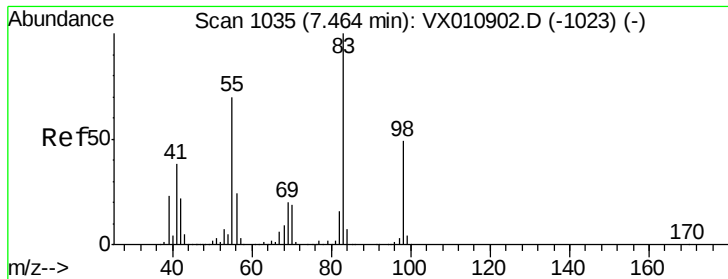


Abundance Ion 116.80 (116.50 to 117.50): VX011033.D (-711) (-)

Ion 118.80 (118.50 to 119.50): VX011033.D (-711) (-)

Ion 120.80 (120.50 to 121.50): VX011033.D (-711) (-)

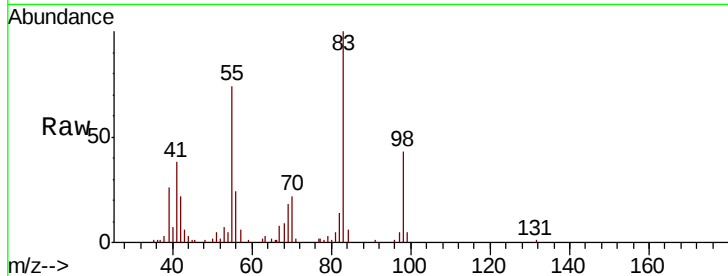




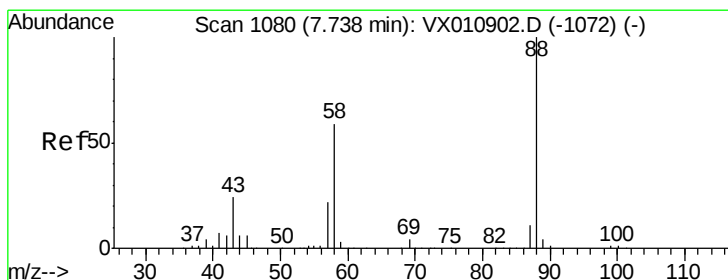
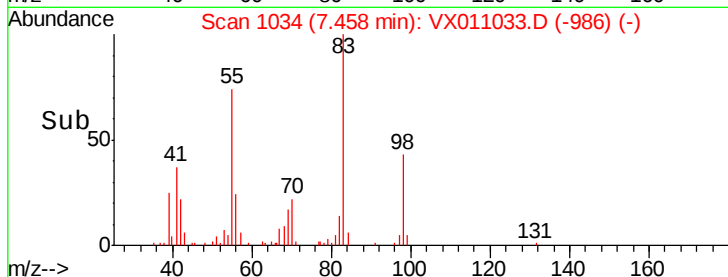
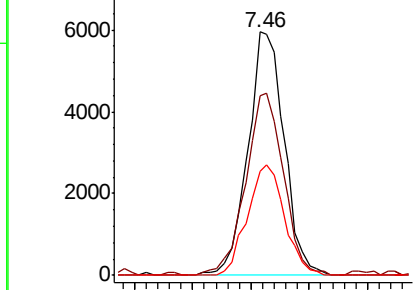
#39  
Methvlcvclohexane  
Concen: 3.361 ug/l  
RT: 7.46 min Scan# 1034  
Delta R.T. -0.01 min  
Lab File: VX011033.D  
Acq: 22 Jul 2019 16:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
FL-0619DL

| Tot Ion   | 83.00 | Resp  | 12895 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 55        | 73.9  | 56.2  | 84.4  |
| 98        | 42.8  | 39.0  | 58.4  |

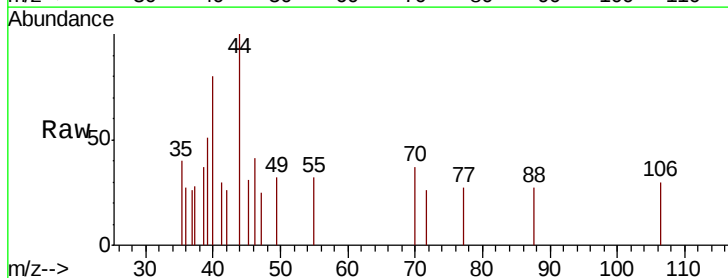


Abundance Ion 83.00 (82.70 to 83.70): VX0  
Ion 55.00 (54.70 to 55.70): VX0  
Ion 98.00 (97.70 to 98.70): VX0

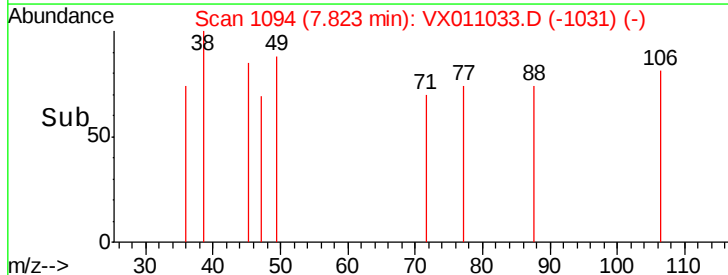
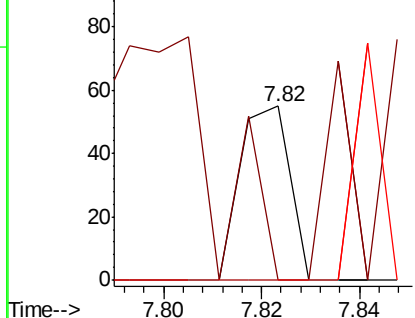


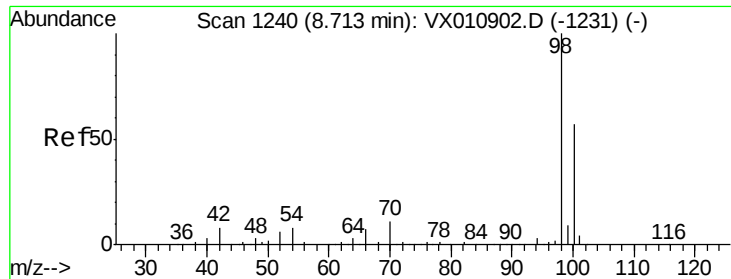
#49  
1,4-Dioxane  
Concen: 0.575 ug/l  
RT: 7.82 min Scan# 1094  
Delta R.T. 0.09 min  
Lab File: VX011033.D  
Acq: 22 Jul 2019 16:13

| Tgt Ion   | 88.00 | Resp  | 39    |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 43        | 0.0   | 22.9  | 34.3# |
| 58        | 69.2  | 49.8  | 74.8  |



Abundance Ion 88.00 (87.70 to 88.70): VX0  
Ion 43.00 (42.70 to 43.70): VX0  
Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 51.520 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011033.D

Acq: 22 Jul 2019 16:13

Instrument :

MSVOA\_X

ClientSampleID :

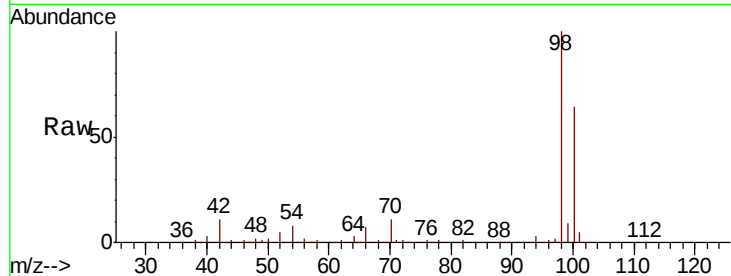
FL-0619DL

Tot Ion: 98 Resp: 441786

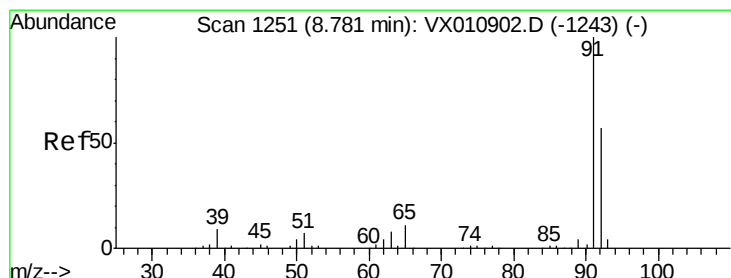
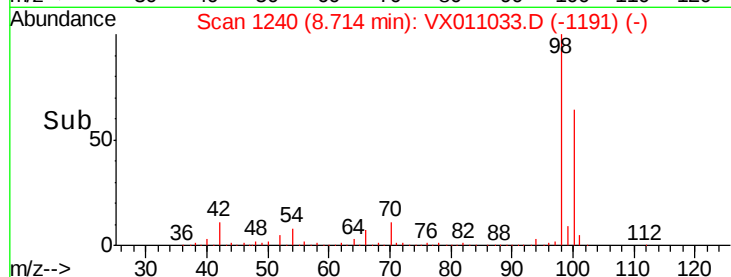
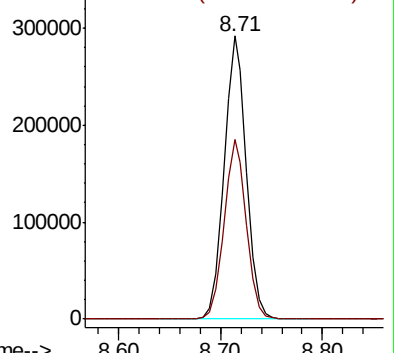
Ion Ratio Lower Upper

98 100

100 63.8 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX011033.D (-1191) (-)



#52

Toluene

Concen: 63.808 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011033.D

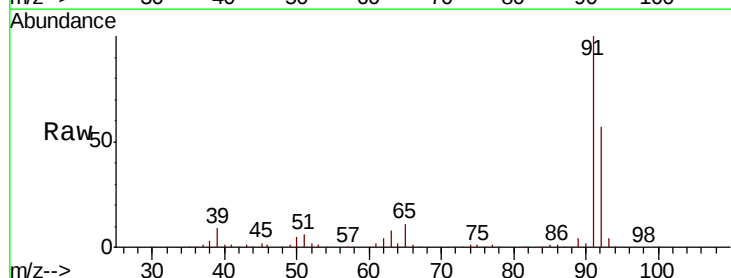
Acq: 22 Jul 2019 16:13

Tgt Ion: 92 Resp: 379907

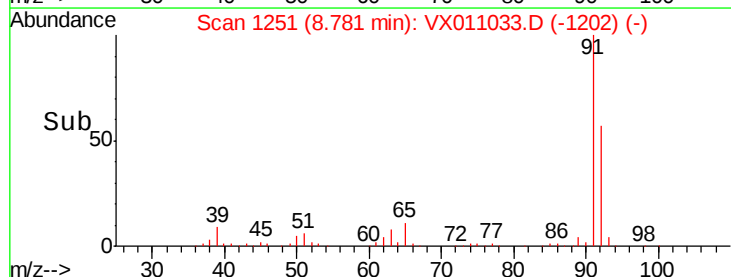
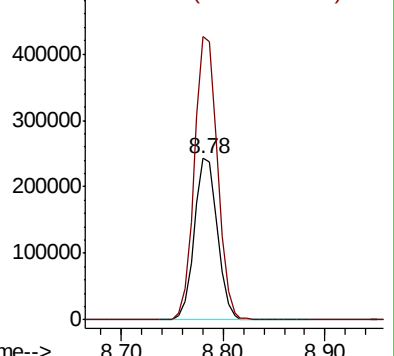
Ion Ratio Lower Upper

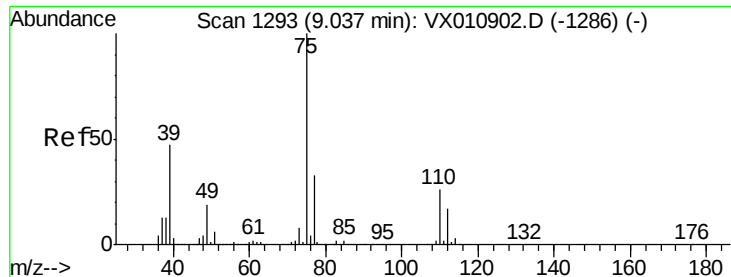
92 100

91 175.8 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX011033.D (-1202) (-)

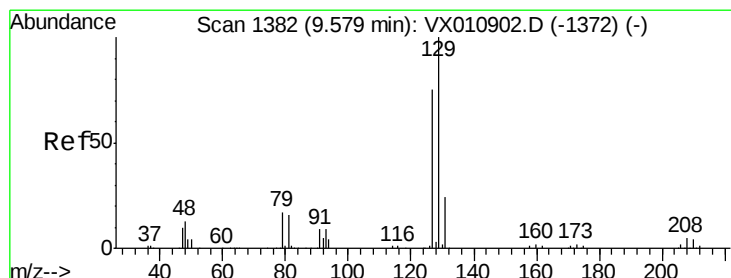
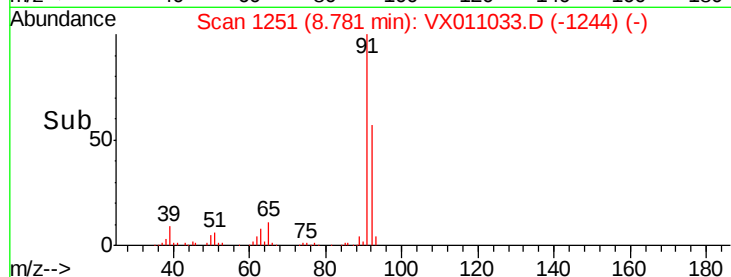
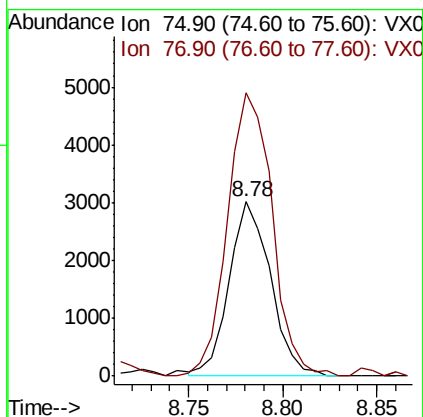
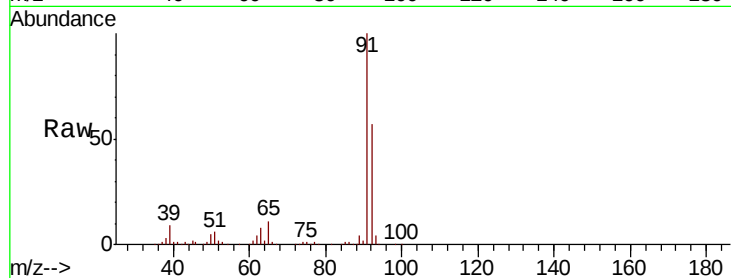




#53  
t-1,3-Dichloropropene  
Concen: 1.457 ug/l  
RT: 8.78 min Scan# 1251  
Delta R.T. -0.26 min  
Lab File: VX011033.D  
Acq: 22 Jul 2019 16:13

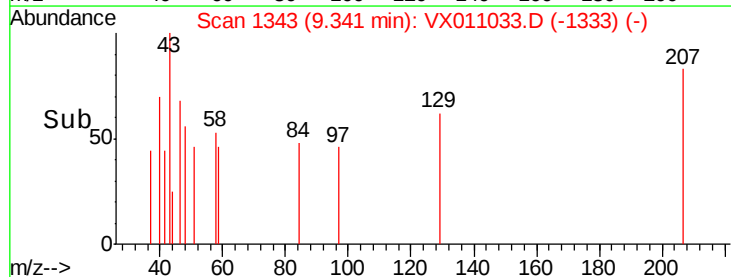
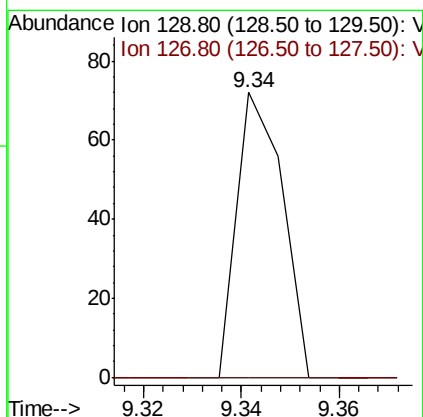
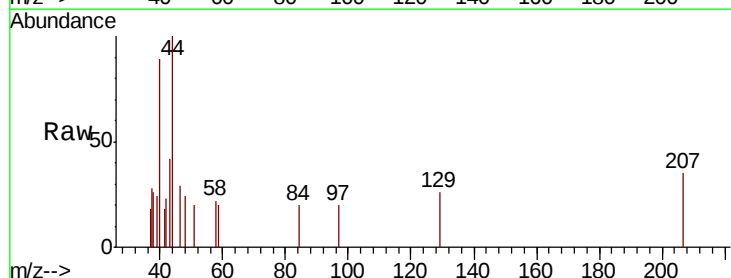
Instrument :  
MSVOA\_X  
ClientSampled :  
FL-0619DL

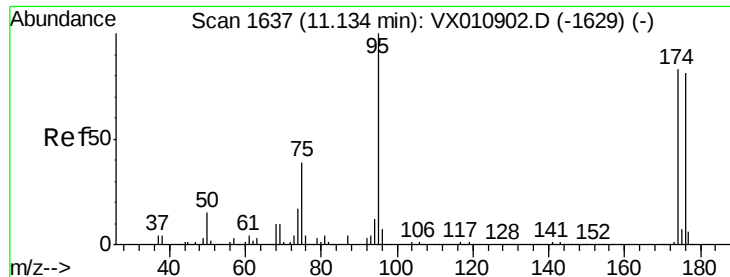
Tot Ion: 75 Resp: 4597  
Ion Ratio Lower Upper  
75 100  
77 162.3 26.2 39.2#



#60  
Dibromochloromethane  
Concen: 2.544 ug/l  
RT: 9.34 min Scan# 1343  
Delta R.T. -0.24 min  
Lab File: VX011033.D  
Acq: 22 Jul 2019 16:13

Tgt Ion:129 Resp: 47  
Ion Ratio Lower Upper  
129 100  
127 0.0 38.6 115.8#





#62

4-Bromofluorobenzene

Concen: 51.036 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011033.D

Acq: 22 Jul 2019 16:13

Instrument :

MSVOA\_X

ClientSampleId :

FL-0619DL

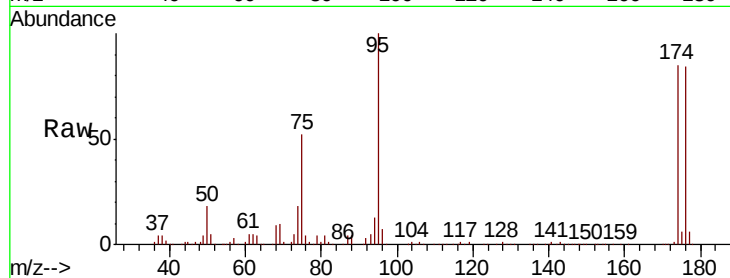
Tot Ion: 95 Resp: 160860

Ion Ratio Lower Upper

95 100

174 90.1 0.0 180.6

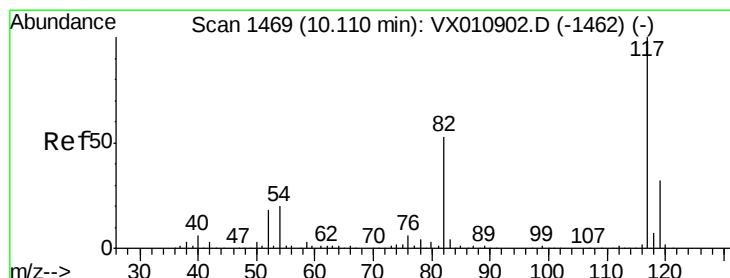
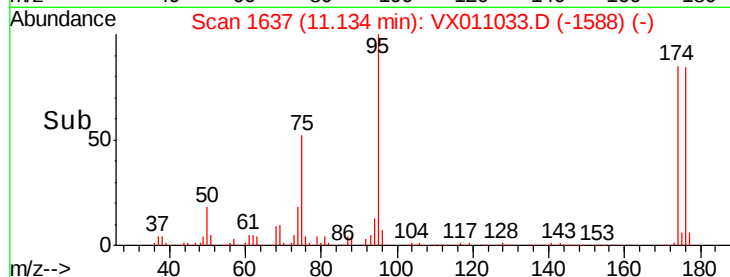
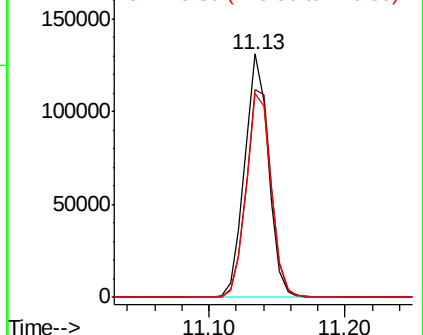
176 87.8 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011033.D

Acq: 22 Jul 2019 16:13

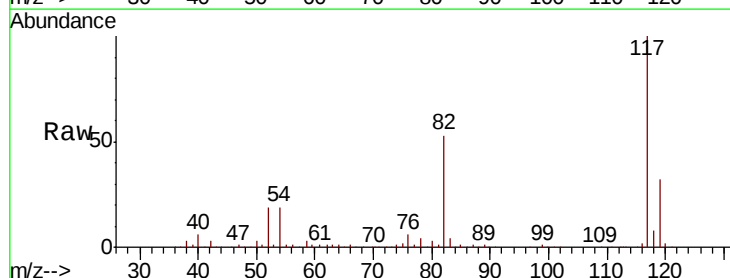
Tgt Ion: 117 Resp: 343007

Ion Ratio Lower Upper

117 100

82 53.4 42.6 63.8

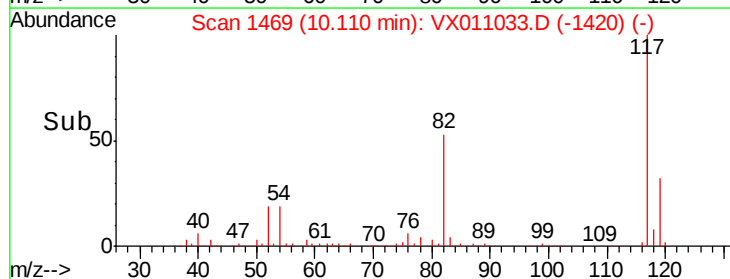
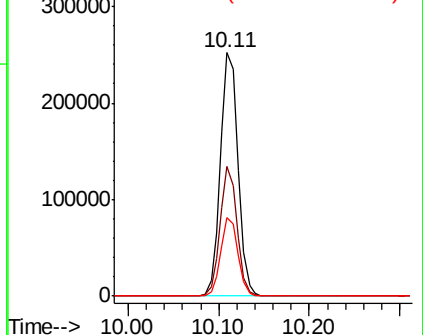
119 32.3 25.9 38.9

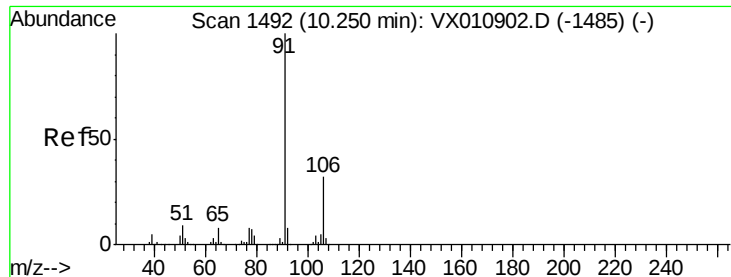


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 10.286 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011033.D

Acq: 22 Jul 2019 16:13

Instrument :

MSVOA\_X

ClientSampled :

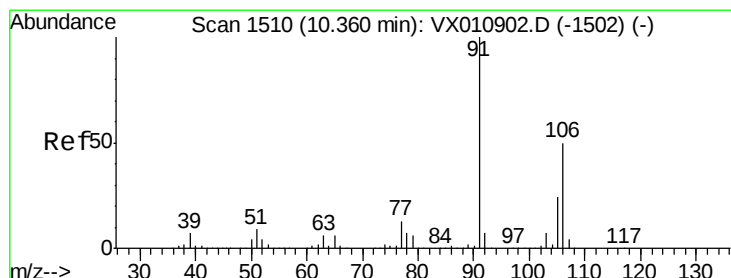
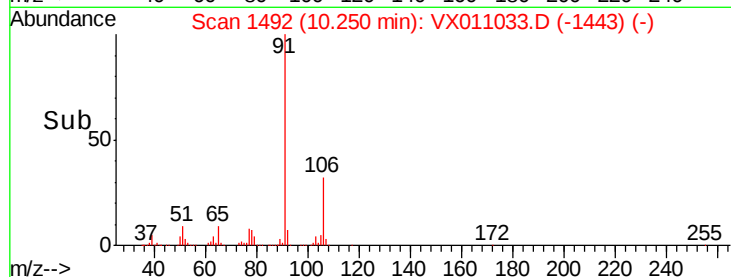
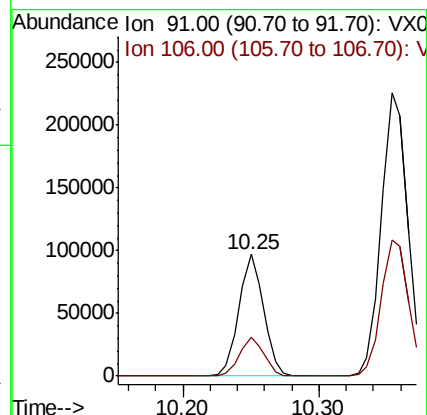
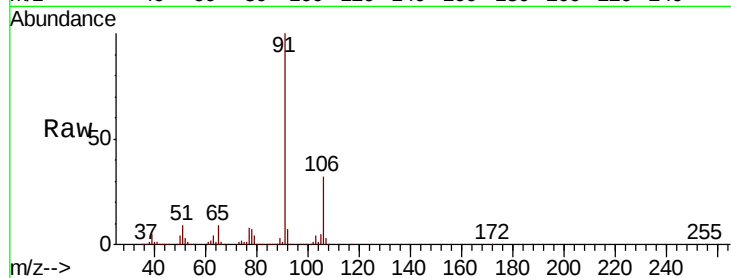
FL-0619DL

Tot Ion: 91 Resp: 123349

Ion Ratio Lower Upper

91 100

106 31.6 25.4 38.2



#68

m/p-Xylenes

Concen: 32.860 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX011033.D

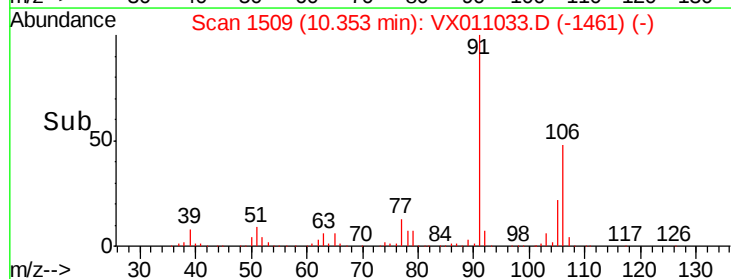
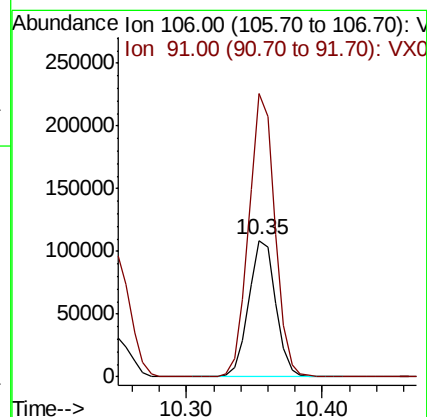
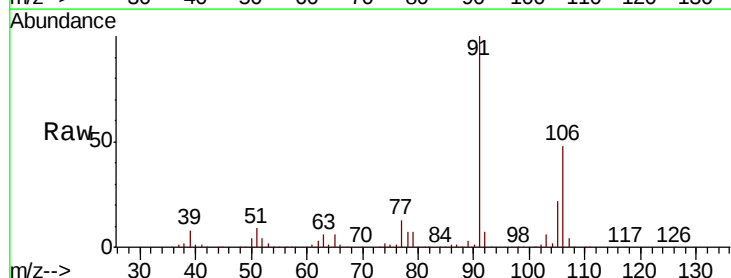
Acq: 22 Jul 2019 16:13

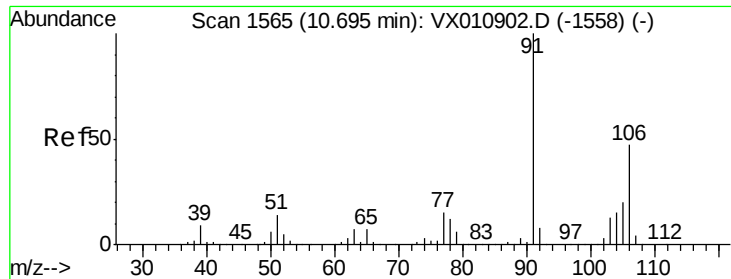
Tgt Ion: 106 Resp: 151150

Ion Ratio Lower Upper

106 100

91 201.2 160.1 240.1

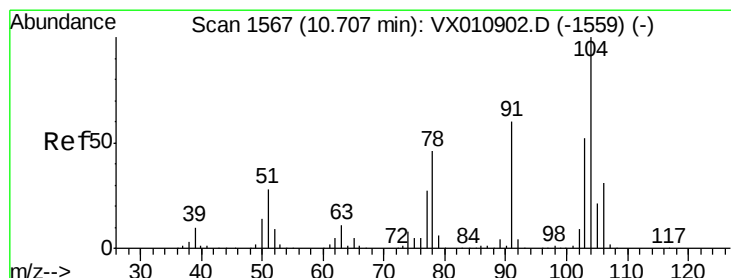
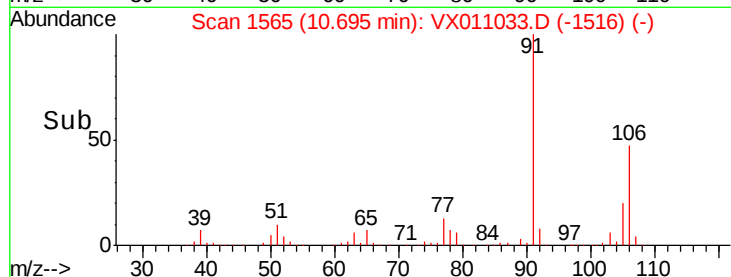
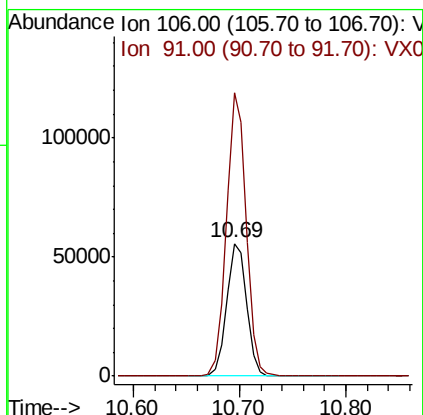
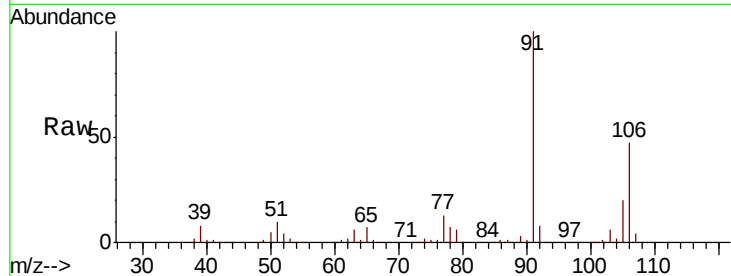




#69  
o-Xylene  
Concen: 16.350 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. 0.00 min  
Lab File: VX011033.D  
Acq: 22 Jul 2019 16:13

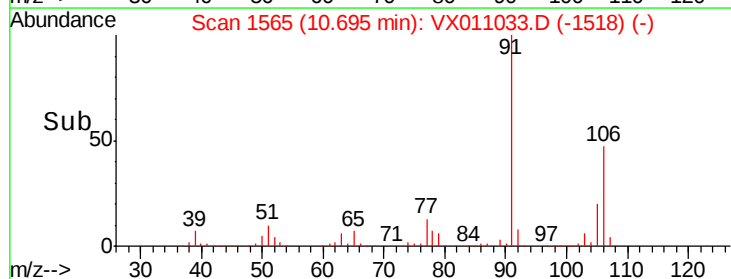
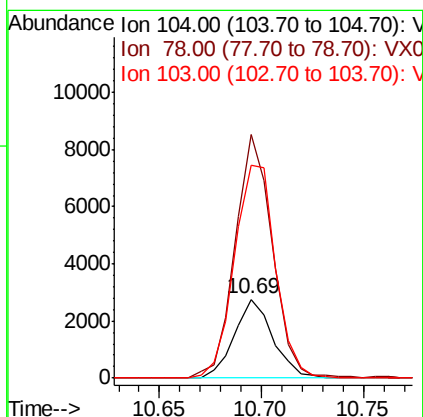
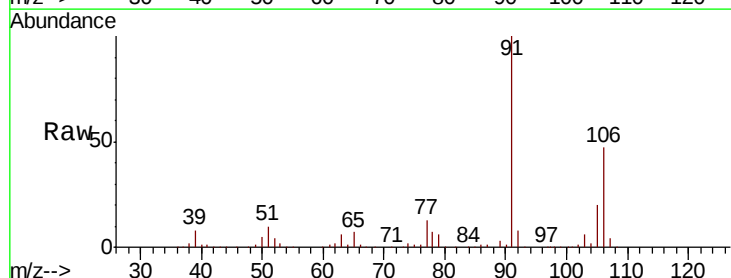
Instrument :  
MSVOA\_X  
ClientSampled :  
FL-0619DL

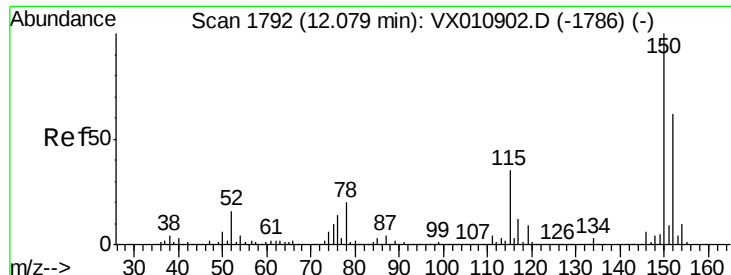
Tot Ion:106 Resp: 73397  
Ion Ratio Lower Upper  
106 100  
91 210.3 105.1 315.3



#70  
Styrene  
Concen: 0.479 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. -0.01 min  
Lab File: VX011033.D  
Acq: 22 Jul 2019 16:13

Tgt Ion:104 Resp: 3583  
Ion Ratio Lower Upper  
104 100  
78 302.0 38.8 58.2#  
103 290.3 44.2 66.4#



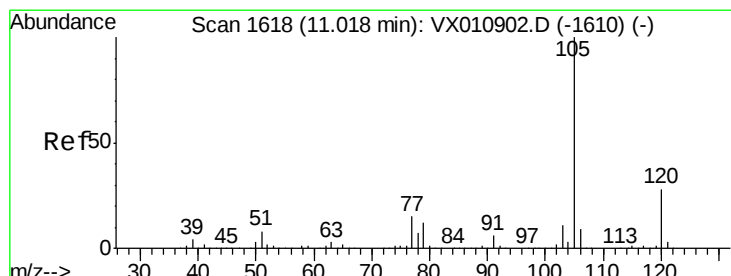
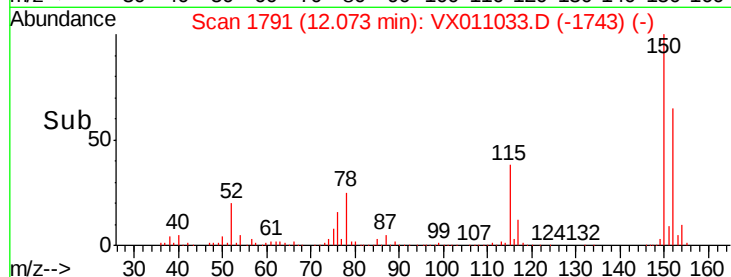
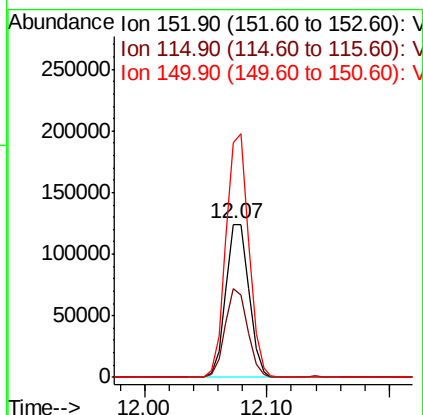
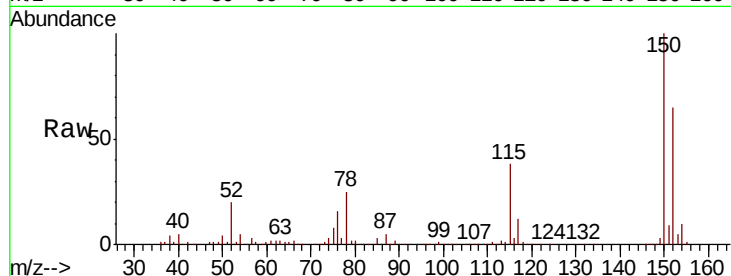


#72

1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.07 min Scan# 1791  
Delta R.T. -0.01 min  
Lab File: VX011033.D  
Acq: 22 Jul 2019 16:13

Instrument :  
MSVOA\_X  
ClientSampled :  
FL-0619DL

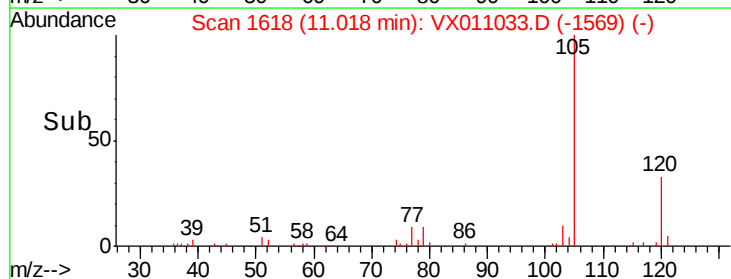
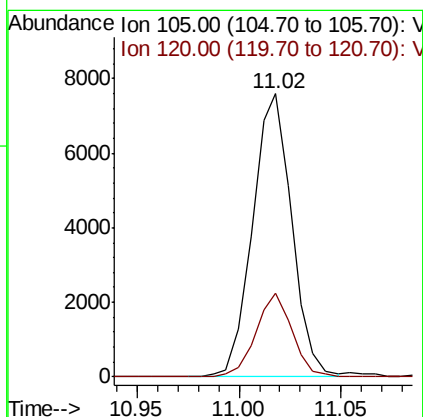
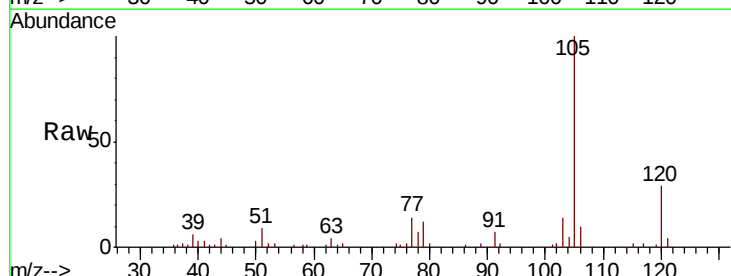
Tot Ion:152 Resp: 162670  
Ion Ratio Lower Upper  
152 100  
115 56.0 39.7 119.1  
150 156.8 0.0 345.6

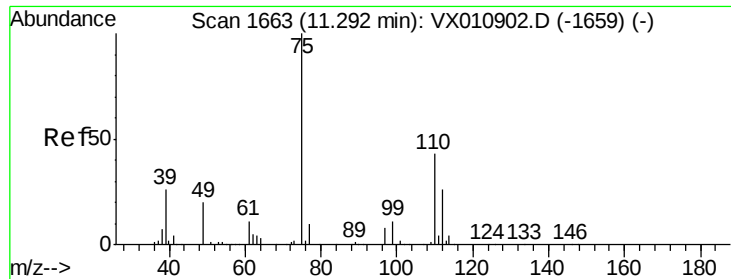


#73

Isopropylbenzene  
Concen: 0.920 ug/l  
RT: 11.02 min Scan# 1618  
Delta R.T. 0.00 min  
Lab File: VX011033.D  
Acq: 22 Jul 2019 16:13

Tgt Ion:105 Resp: 10111  
Ion Ratio Lower Upper  
105 100  
120 27.3 13.7 41.1





#76

1,2,3-Trichloropropane

Concen: 27.878 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011033.D

Acq: 22 Jul 2019 16:13

Instrument :

MSVOA\_X

ClientSampleId :

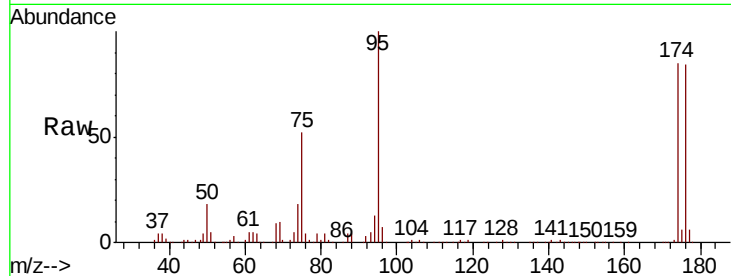
FL-0619DL

Tot Ion: 75 Resp: 81834

Ion Ratio Lower Upper

75 100

77 1.2 21.3 64.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.13

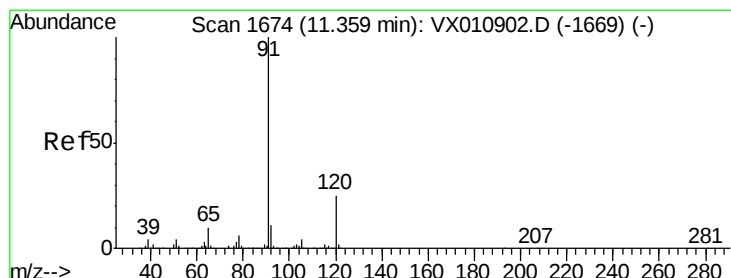
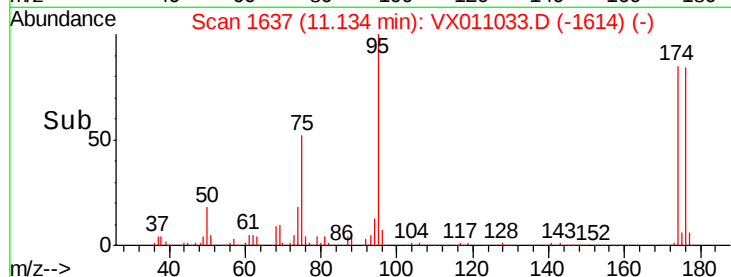
60000

40000

20000

0

Time--> 11.05 11.10 11.15 11.20



#78

n-propylbenzene

Concen: 0.951 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011033.D

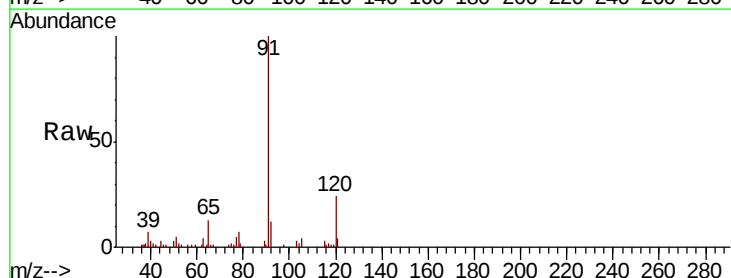
Acq: 22 Jul 2019 16:13

Tgt Ion: 91 Resp: 11550

Ion Ratio Lower Upper

91 100

120 23.6 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.36

10000

8000

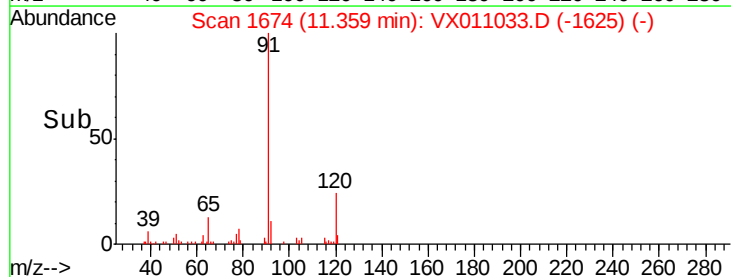
6000

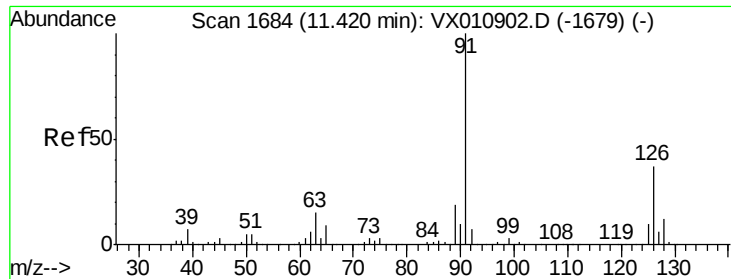
4000

2000

0

Time--> 11.30 11.35 11.40

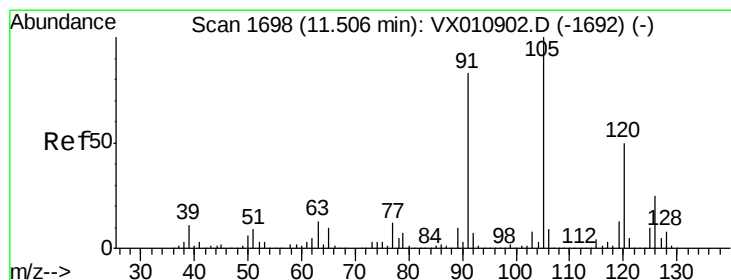
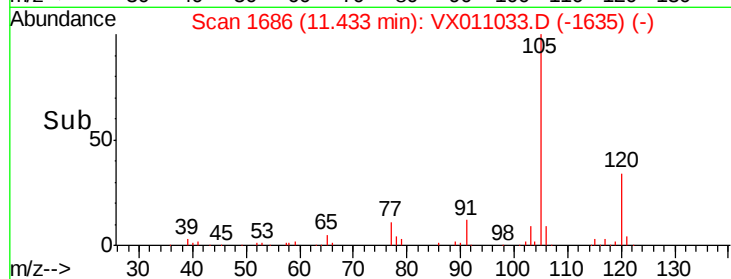
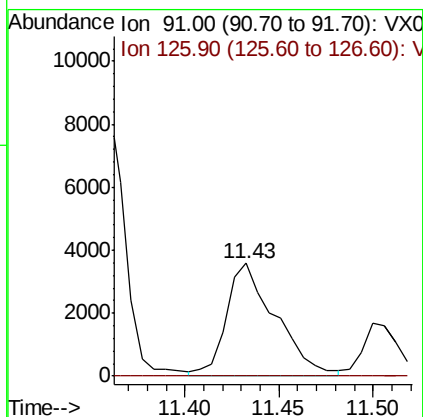
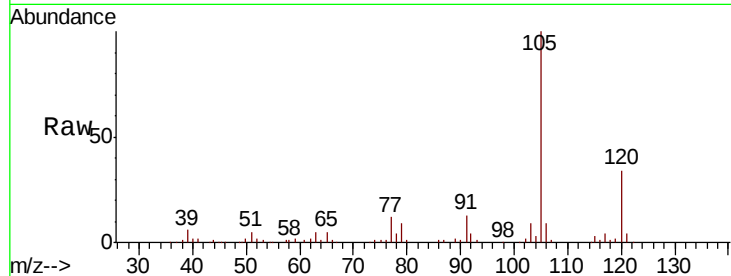




#79  
 2-Chlorotoluene  
 Concen: 0.886 ug/l  
 RT: 11.43 min Scan# 1686  
 Delta R.T. 0.01 min  
 Lab File: VX011033.D  
 Acq: 22 Jul 2019 16:13

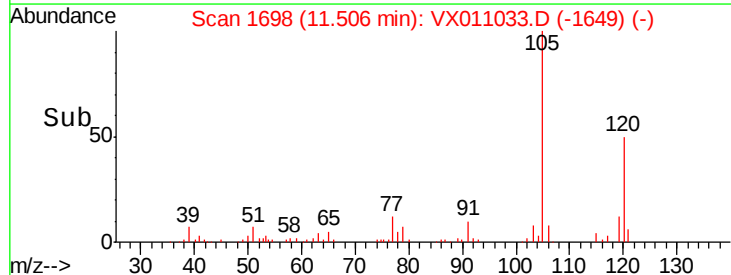
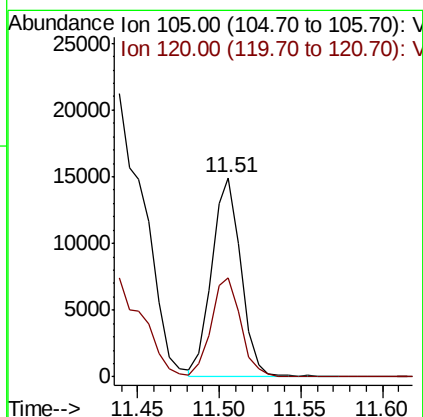
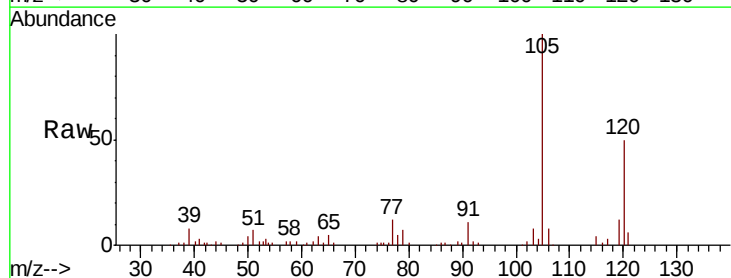
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 FL-0619DL

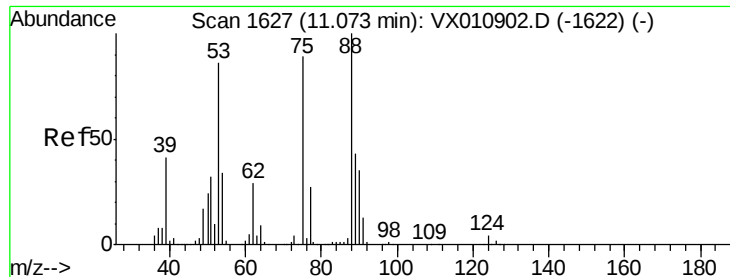
Tot Ion: 91 Resp: 6466  
 Ion Ratio Lower Upper  
 91 100  
 126 0.0 18.0 54.0#



#80  
 1,3,5-Trimethylbenzene  
 Concen: 2.033 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. 0.00 min  
 Lab File: VX011033.D  
 Acq: 22 Jul 2019 16:13

Tgt Ion: 105 Resp: 18676  
 Ion Ratio Lower Upper  
 105 100  
 120 50.8 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 68.988 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011033.D

Acq: 22 Jul 2019 16:13

Instrument :

MSVOA\_X

ClientSampleId :

FL-0619DL

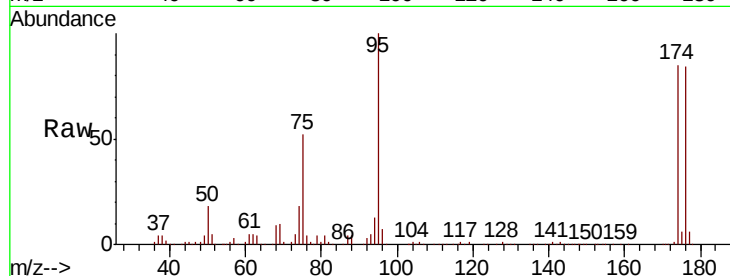
Tot Ion: 75 Resp: 81834

Ion Ratio Lower Upper

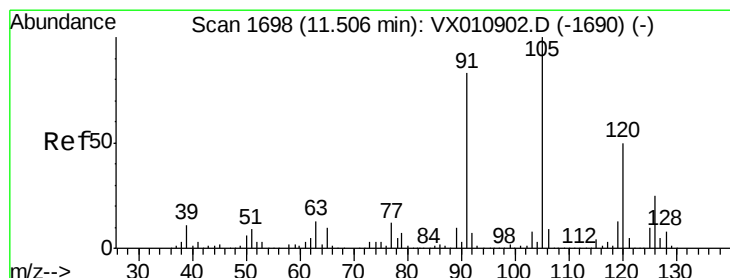
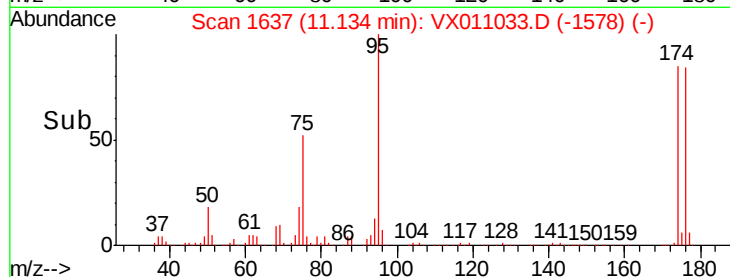
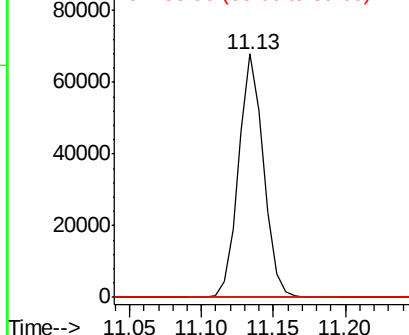
75 100

53 0.0 76.7 115.1#

89 0.0 38.5 57.7#



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: 0.263 ug/l

RT: 11.50 min Scan# 1697

Delta R.T. -0.01 min

Lab File: VX011033.D

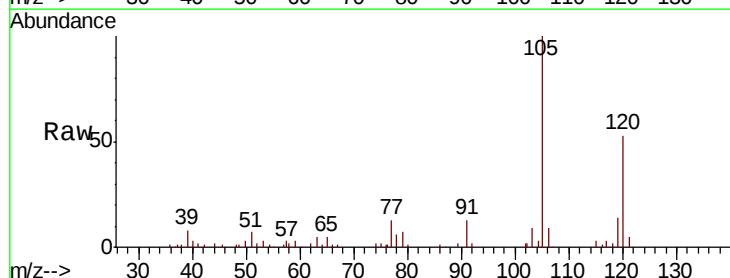
Acq: 22 Jul 2019 16:13

Tgt Ion: 91 Resp: 2234

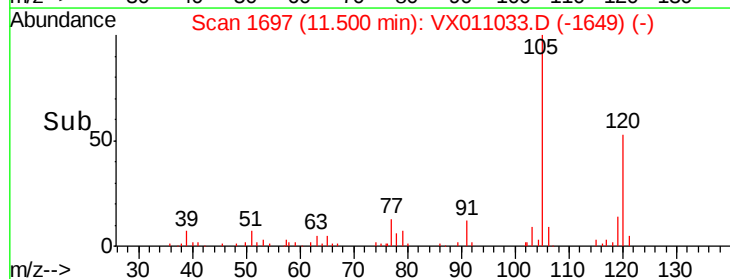
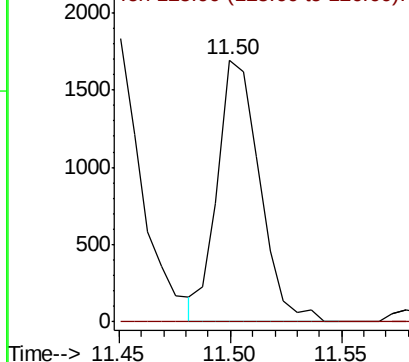
Ion Ratio Lower Upper

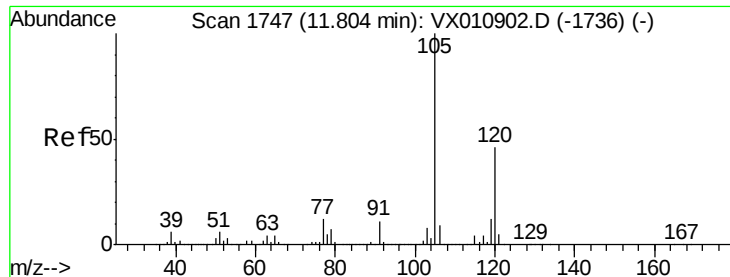
91 100

126 0.0 15.9 47.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0  
Ion 125.90 (125.60 to 126.60): V





#84

1,2,4-Trimethylbenzene

Concen: 5.842 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011033.D

Acq: 22 Jul 2019 16:13

Instrument :

MSVOA\_X

ClientSampled :

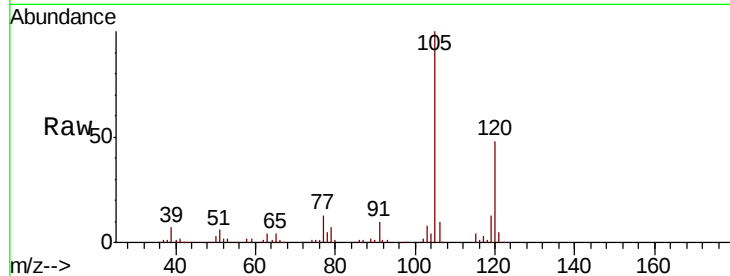
FL-0619DL

Tot Ion:105 Resp: 54077

Ion Ratio Lower Upper

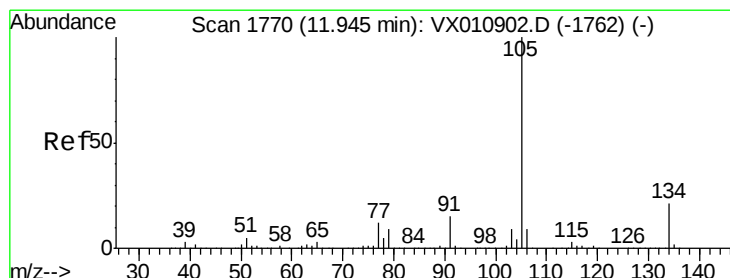
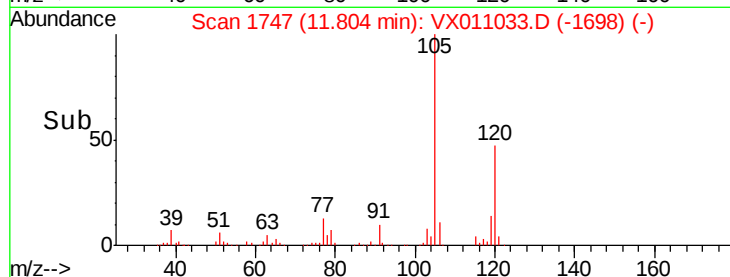
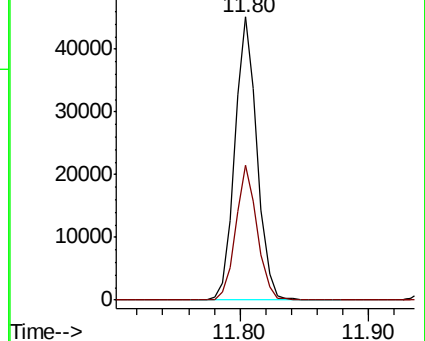
105 100

120 46.2 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 5.116 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX011033.D

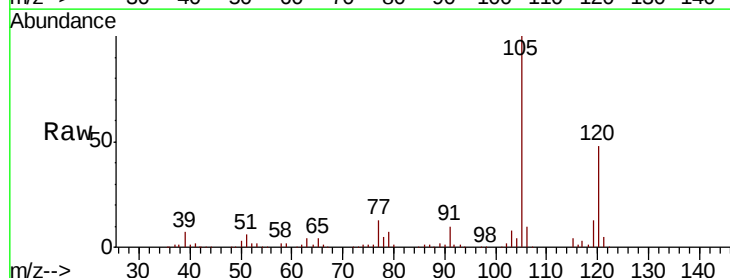
Acq: 22 Jul 2019 16:13

Tgt Ion:105 Resp: 54077

Ion Ratio Lower Upper

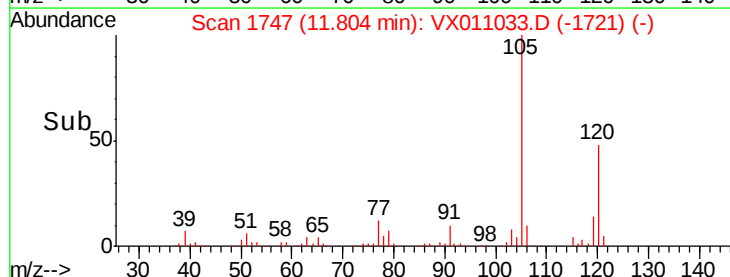
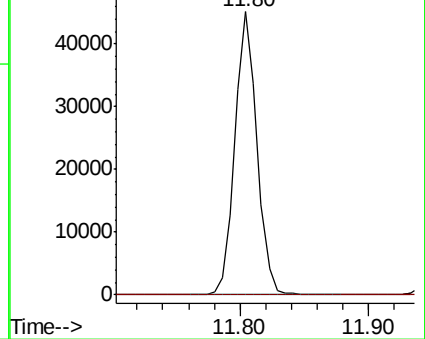
105 100

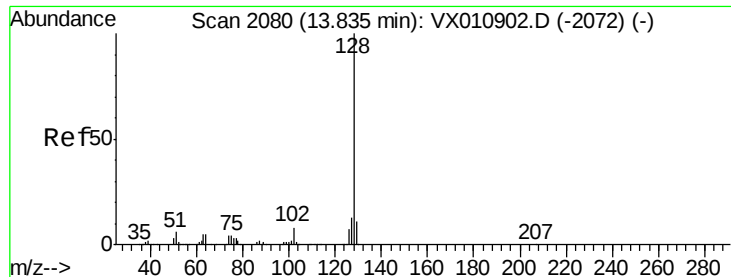
134 0.0 10.4 31.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#95

Naphthalene

Concen: 1.982 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX011033.D

Acq: 22 Jul 2019 16:13

Instrument :

MSVOA\_X

ClientSampleId :

FL-0619DL

Tot Ion:128 Resp: 20682

Ion Ratio Lower Upper

128 100

127 13.7 10.4 15.6

129 12.0 8.9 13.3

