

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\  
 Data File : VX016973.D  
 Acq On : 26 Jun 2020 11:19  
 Operator : JC/SP  
 Sample : L3020-25  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FB\_061720

Quant Time: Jun 27 02:59:38 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X062620W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 26 08:34:16 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 201372   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 358982   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 357758   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 180693   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 151804   | 49.92 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.84%  |          |
| 35) Dibromofluoromethane    | 5.47  | 113  | 116762   | 49.25 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.50%  |          |
| 50) Toluene-d8              | 8.70  | 98   | 448447   | 51.60 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.20% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 178091   | 52.99 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 105.98% |          |

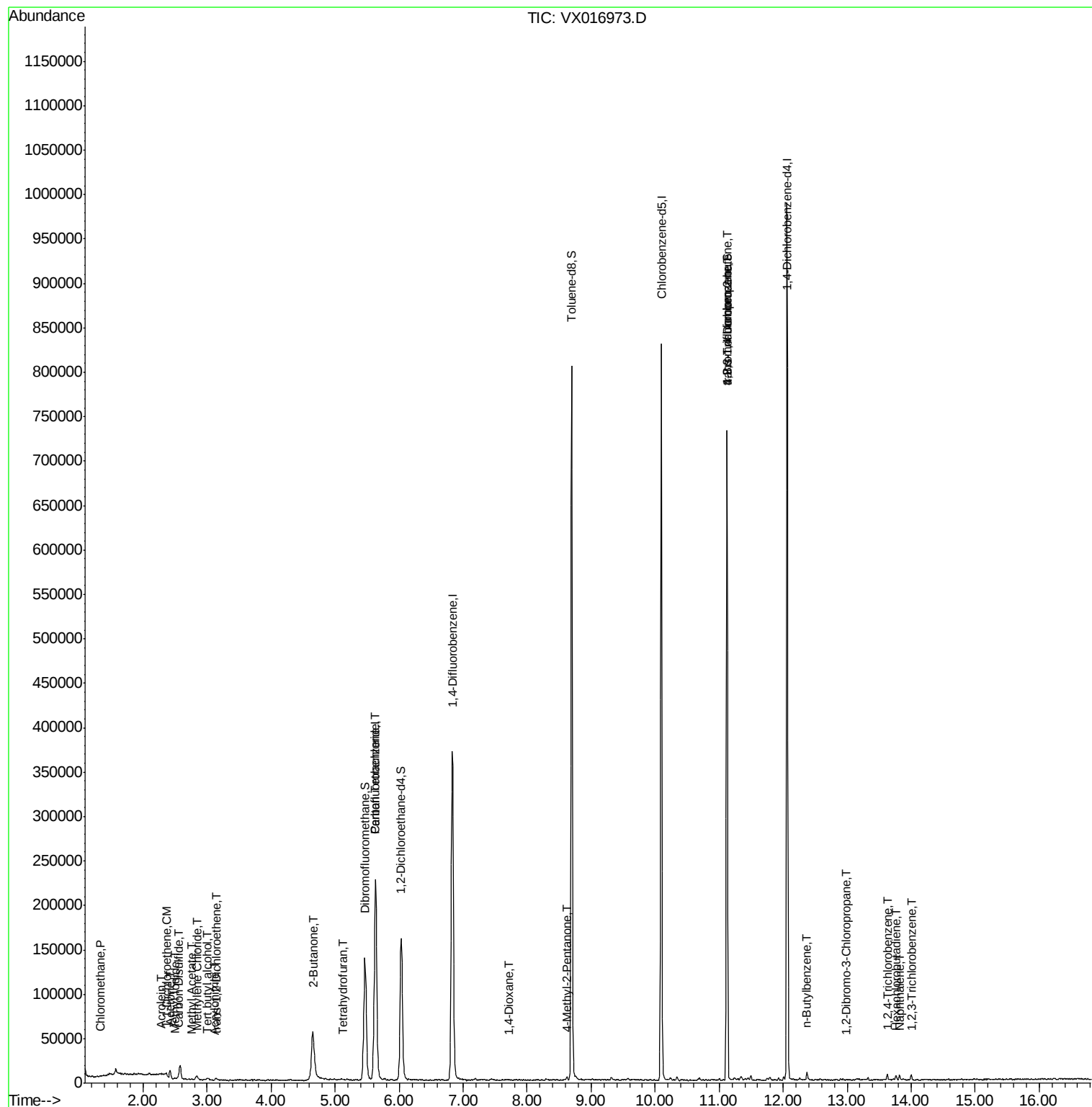
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 3) Chloromethane               | 1.32  | 50   | 650      | 0.263     | ug/l   | 91     |
| 5) Bromomethane                | 1.64  | 94   | 791      | Below Cal | #      | 45     |
| 10) Methyl Iodide              | 2.49  | 142  | 808      | 3.059     | ug/l # | 77     |
| 11) Tert butyl alcohol         | 3.00  | 59   | 2052     | 3.574     | ug/l   | 97     |
| 12) 1,1-Dichloroethene         | 2.36  | 96   | 600      | 0.269     | ug/l # | 62     |
| 13) Acrolein                   | 2.28  | 56   | 502      | 1.180     | ug/l # | 53     |
| 15) Acrylonitrile              | 3.10  | 53   | 806      | 0.605     | ug/l # | 82     |
| 16) Acetone                    | 2.42  | 43   | 8910     | 7.496     | ug/l   | 97     |
| 17) Carbon Disulfide           | 2.56  | 76   | 3209     | 0.453     | ug/l # | 86     |
| 18) Methyl Acetate             | 2.75  | 43   | 1210     | 0.418     | ug/l # | 65     |
| 20) Methylene Chloride         | 2.84  | 84   | 2138     | 0.791     | ug/l # | 94     |
| 21) trans-1,2-Dichloroethene   | 3.14  | 96   | 580      | 0.230     | ug/l # | 47     |
| 25) 2-Butanone                 | 4.65  | 43   | 5903     | 3.258     | ug/l # | 83     |
| 29) Tetrahydrofuran            | 5.12  | 42   | 910      | 0.764     | ug/l # | 34     |
| 38) Carbon Tetrachloride       | 5.63  | 117  | 21899    | 5.821     | ug/l # | 15     |
| 49) 1,4-Dioxane                | 7.71  | 88   | 58       | 0.929     | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 2228     | 0.606     | ug/l   | 99     |
| 76) 1,2,3-Trichloropropane     | 11.12 | 75   | 98881    | 26.076    | ug/l # | 37     |
| 81) trans-1,4-Dichloro-2-buten | 11.12 | 75   | 98881    | 66.203    | ug/l # | 9      |
| 89) n-Butylbenzene             | 12.37 | 91   | 2435     | 0.241     | ug/l   | 97     |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 290      | 0.303     | ug/l # | 28     |
| 93) 1,2,4-Trichlorobenzene     | 13.63 | 180  | 1116     | 0.312     | ug/l   | 72     |
| 94) Hexachlorobutadiene        | 13.77 | 225  | 638      | 0.497     | ug/l   | 95     |
| 95) Naphthalene                | 13.82 | 128  | 2560     | 0.218     | ug/l   | 95     |
| 96) 1,2,3-Trichlorobenzene     | 14.00 | 180  | 1274     | 0.371     | ug/l   | 87     |

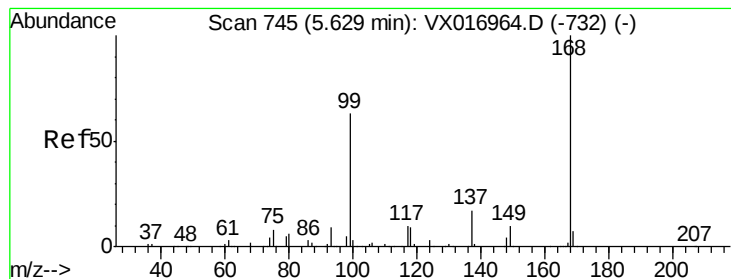
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062620\  
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Quant Title : SW846 8260  
QLast Update : Fri Jun 26 08:34:16 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016973.D

Acq: 26 Jun 2020 11:19

Instrument :

MSVOA\_X

ClientSampleId :

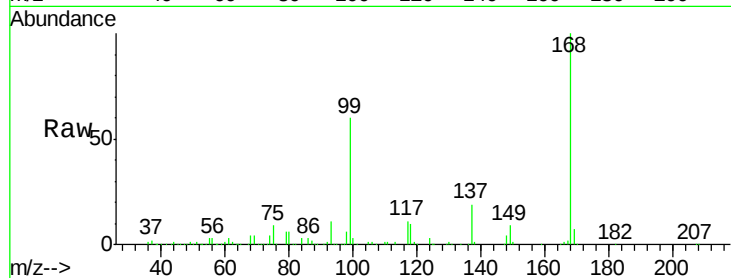
FB\_061720

Tot Ion:168 Resp: 201372

Ion Ratio Lower Upper

168 100

99 60.0 50.2 75.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

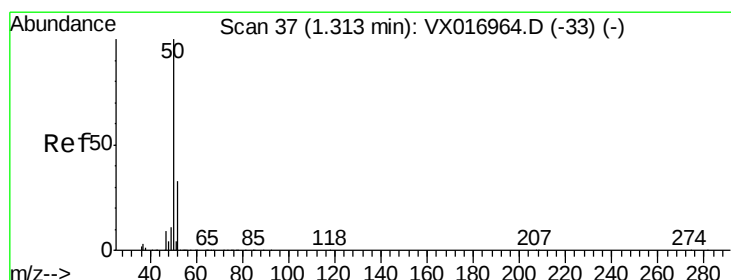
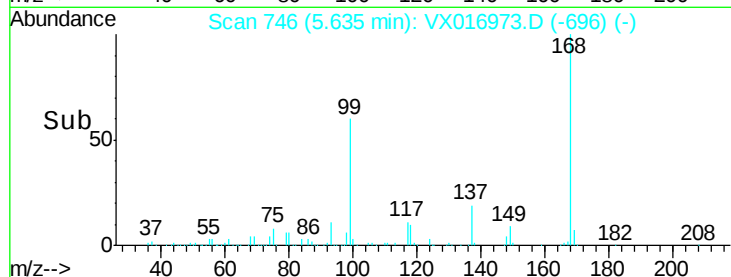
60000

40000

20000

0

Time--> 5.50 5.60 5.70



#3

Chloromethane

Concen: 0.263 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016973.D

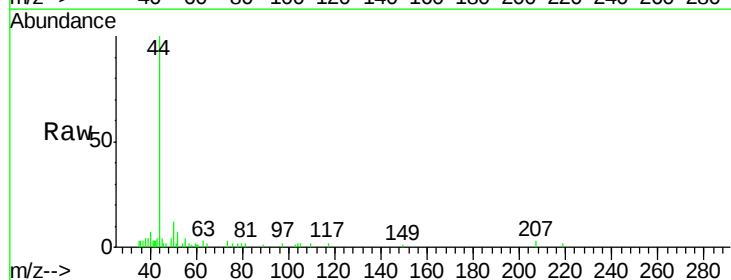
Acq: 26 Jun 2020 11:19

Tgt Ion: 50 Resp: 650

Ion Ratio Lower Upper

50 100

52 38.4 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

500

400

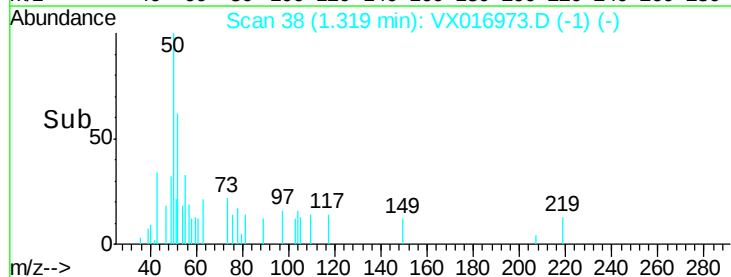
300

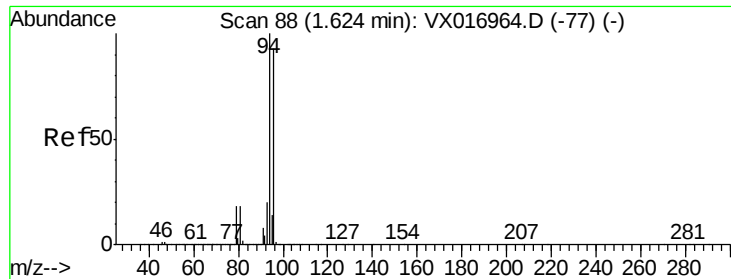
200

100

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX016973.D

Acq: 26 Jun 2020 11:19

Instrument :

MSVOA\_X

ClientSampleId :

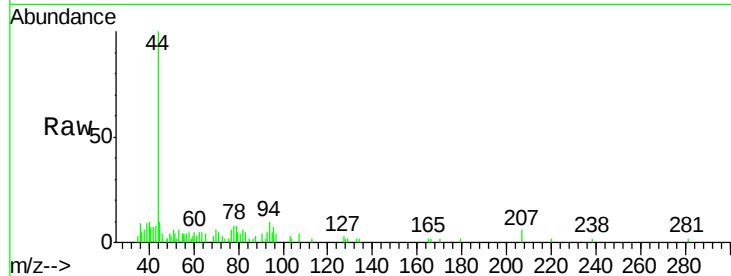
FB\_061720

Tot Ion: 94 Resp: 791

Ion Ratio Lower Upper

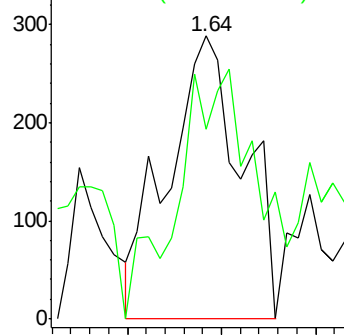
94 100

96 39.9 74.2 111.2#

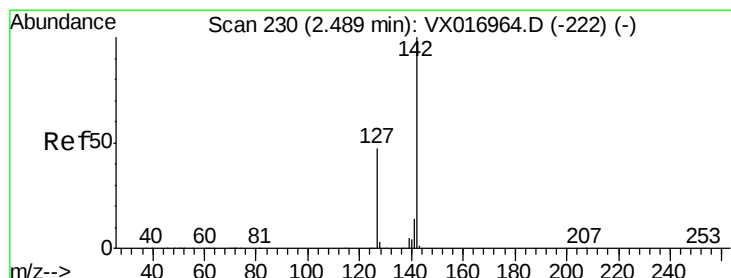
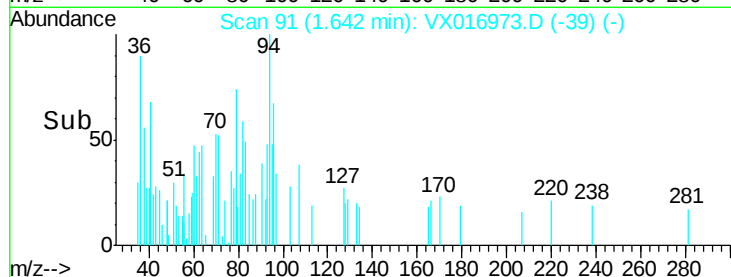


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#10

Methyl Iodide

Concen: 3.059 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016973.D

Acq: 26 Jun 2020 11:19

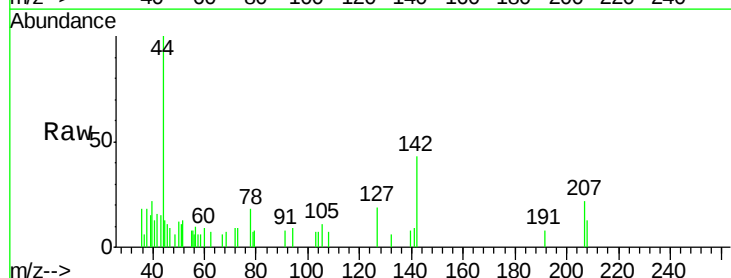
Tgt Ion:142 Resp: 808

Ion Ratio Lower Upper

142 100

127 65.1 37.4 56.0#

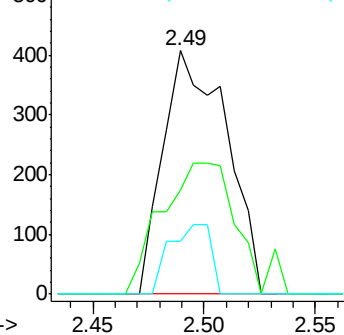
141 18.6 11.7 17.5#



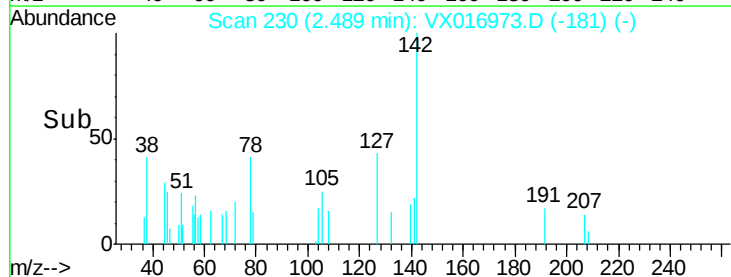
Abundance Ion 141.80 (141.50 to 142.50): V

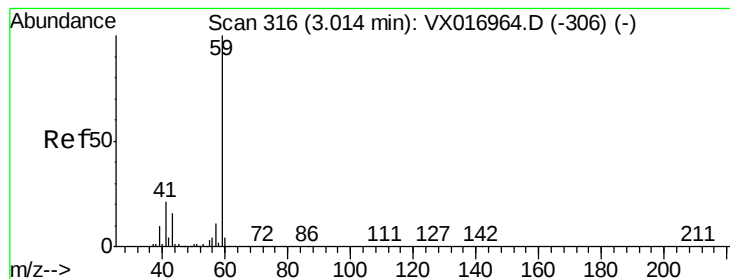
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->



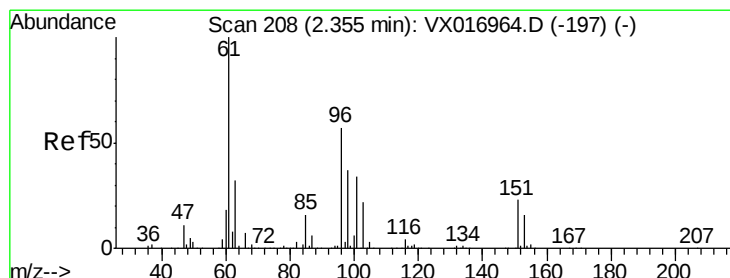
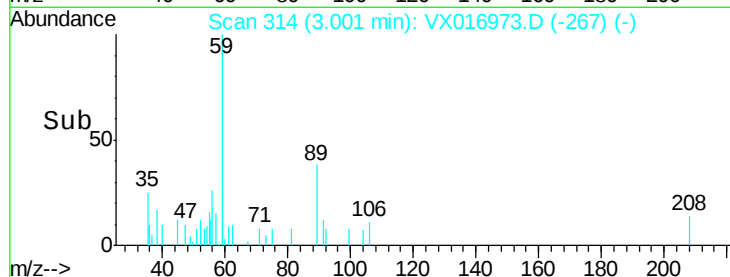
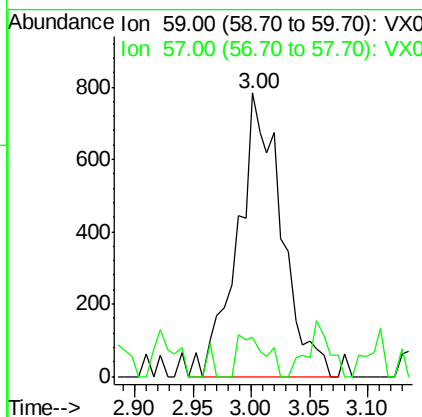
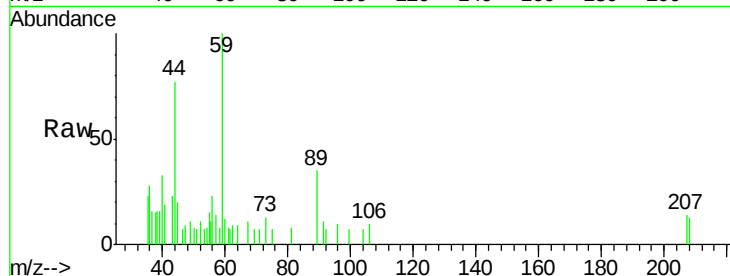


#11

Tert butyl alcohol  
 Concen: 3.574 ug/l  
 RT: 3.00 min Scan# 314  
 Delta R.T. -0.01 min  
 Lab File: VX016973.D  
 Acq: 26 Jun 2020 11:19

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FB\_061720

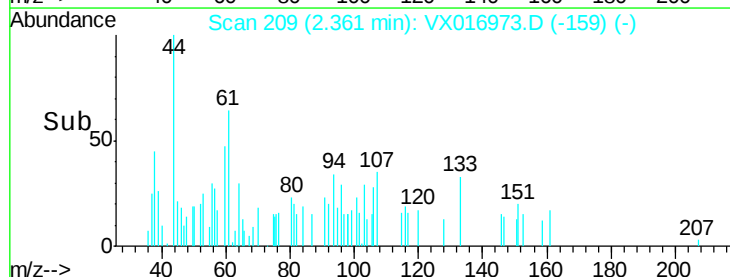
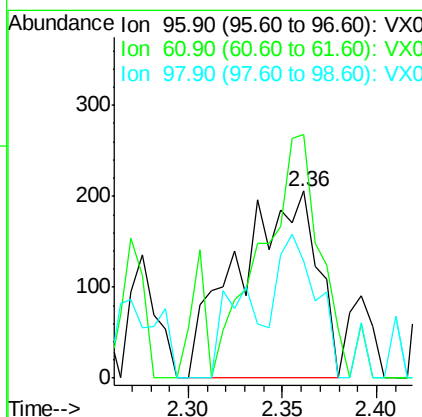
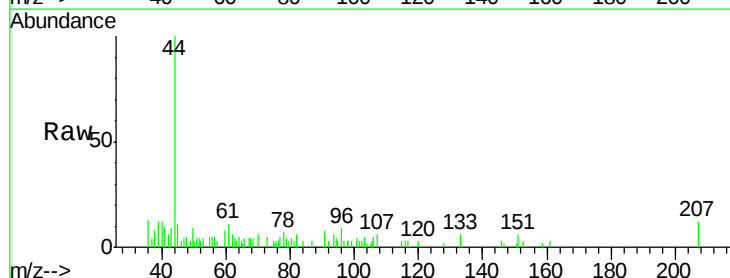
Tot Ion: 59 Resp: 2052  
 Ion Ratio Lower Upper  
 59 100  
 57 9.4 8.5 12.7

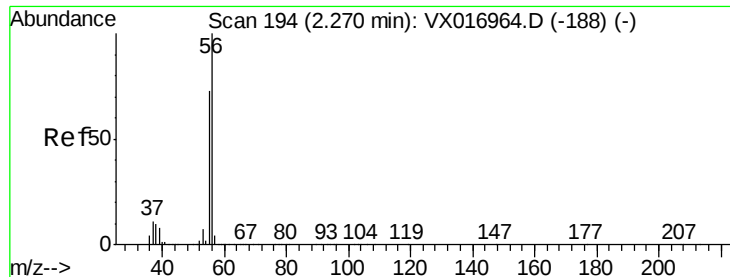


#12

1,1-Dichloroethene  
 Concen: 0.269 ug/l  
 RT: 2.36 min Scan# 209  
 Delta R.T. 0.01 min  
 Lab File: VX016973.D  
 Acq: 26 Jun 2020 11:19

Tgt Ion: 96 Resp: 600  
 Ion Ratio Lower Upper  
 96 100  
 61 103.9 139.7 209.5#  
 98 62.1 51.0 76.6





#13

Acrolein

Concen: 1.180 ug/l

RT: 2.28 min Scan# 196

Delta R.T. 0.01 min

Lab File: VX016973.D

Acq: 26 Jun 2020 11:19

Instrument :

MSVOA\_X

ClientSampled :

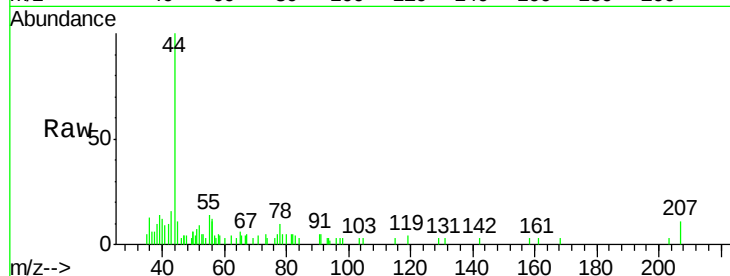
FB\_061720

Tot Ion: 56 Resp: 502

Ion Ratio Lower Upper

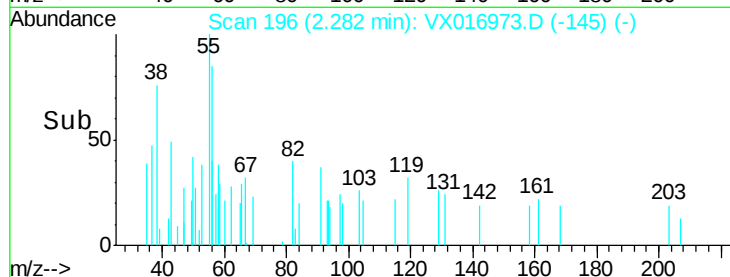
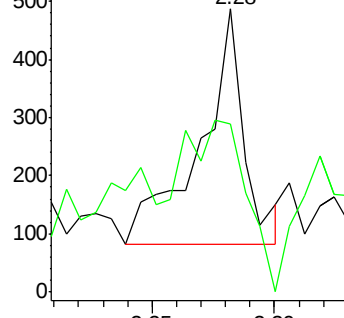
56 100

55 111.4 57.5 86.3#

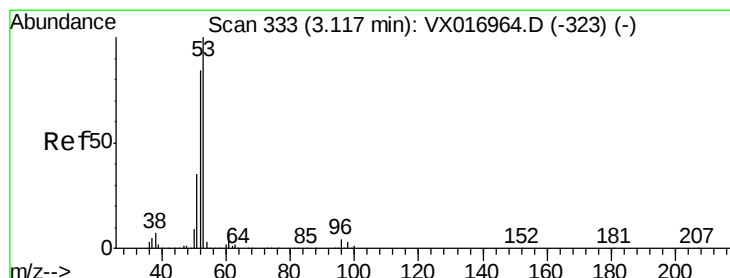


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#15

Acrylonitrile

Concen: 0.605 ug/l

RT: 3.10 min Scan# 331

Delta R.T. -0.01 min

Lab File: VX016973.D

Acq: 26 Jun 2020 11:19

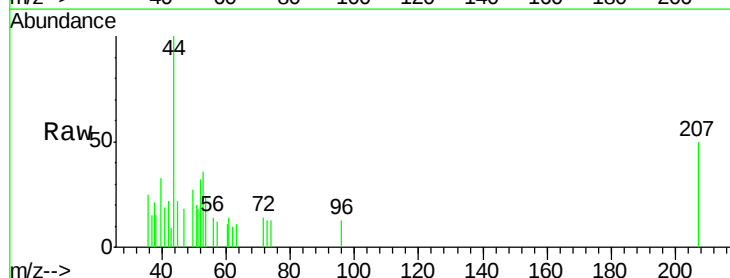
Tgt Ion: 53 Resp: 806

Ion Ratio Lower Upper

53 100

52 76.9 66.3 99.5

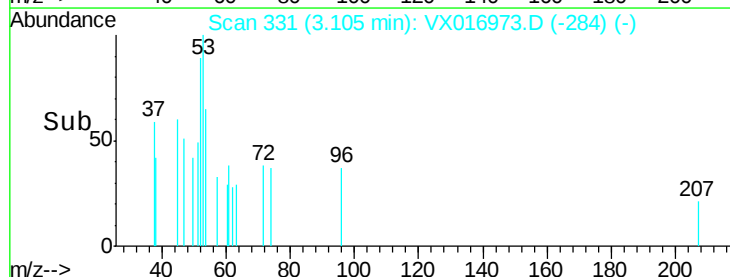
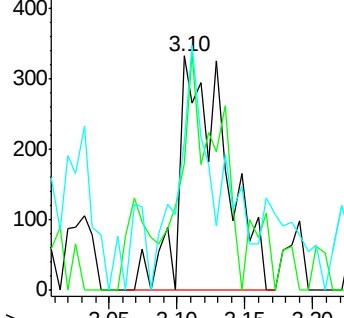
51 61.3 29.0 43.6#



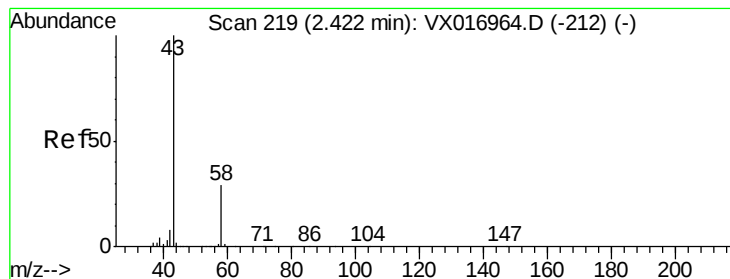
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 7.496 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016973.D

Acq: 26 Jun 2020 11:19

Instrument :

MSVOA\_X

ClientSampleId :

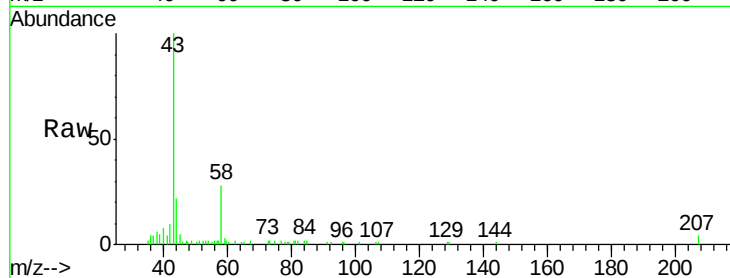
FB\_061720

Tot Ion: 43 Resp: 8910

Ion Ratio Lower Upper

43 100

58 27.9 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

6000

5000

4000

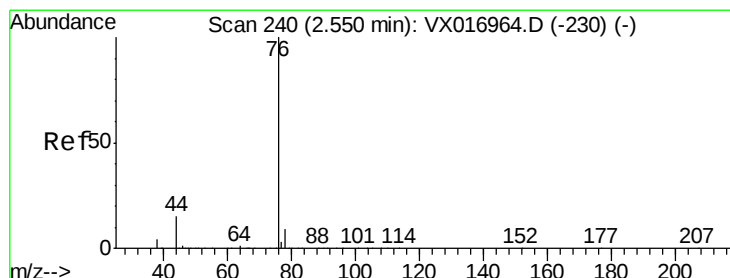
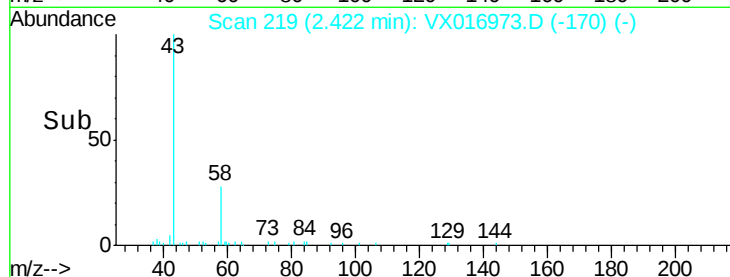
3000

2000

1000

0

Time--> 2.35 2.40 2.45



#17

Carbon Disulfide

Concen: 0.453 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX016973.D

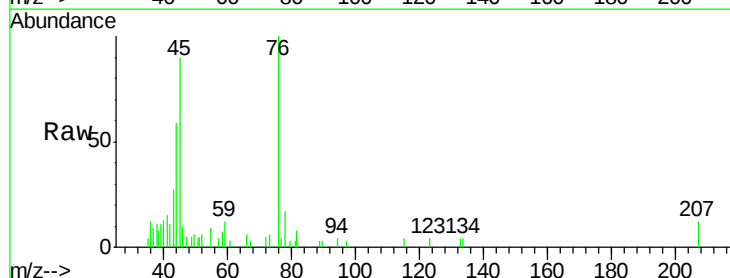
Acq: 26 Jun 2020 11:19

Tgt Ion: 76 Resp: 3209

Ion Ratio Lower Upper

76 100

78 13.8 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

2000

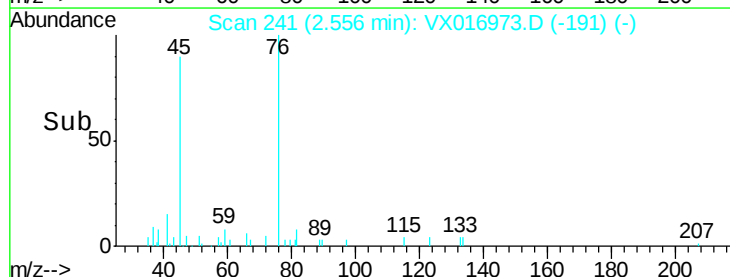
1500

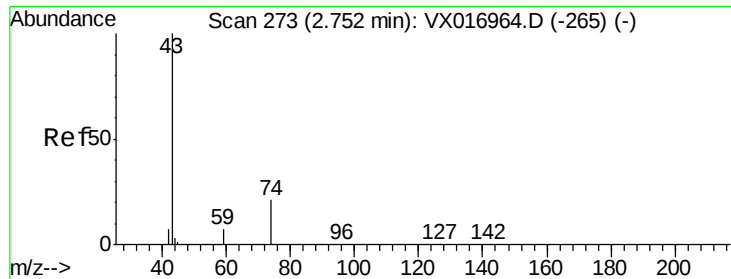
1000

500

0

Time--> 2.50 2.55 2.60

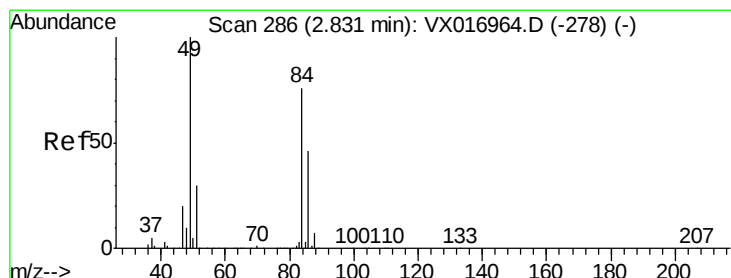
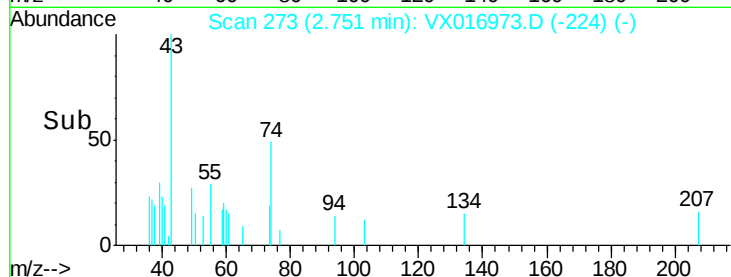
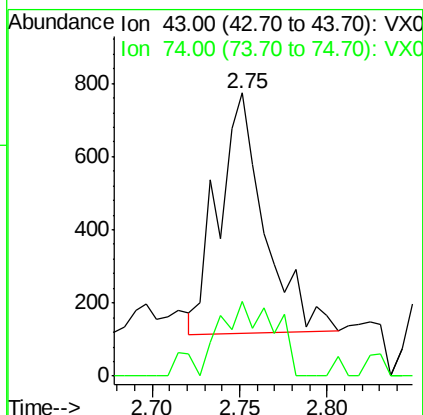
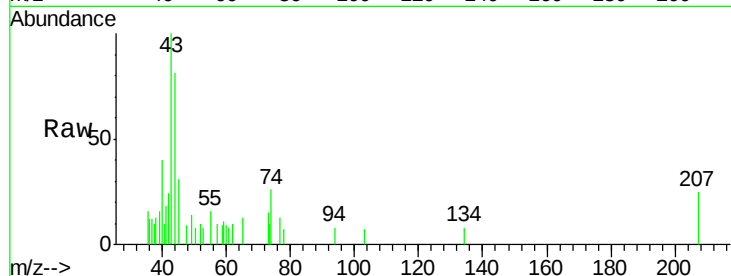




#18  
Methyl Acetate  
Concen: 0.418 ug/l  
RT: 2.75 min Scan# 273  
Delta R.T. -0.00 min  
Lab File: VX016973.D  
Acq: 26 Jun 2020 11:19

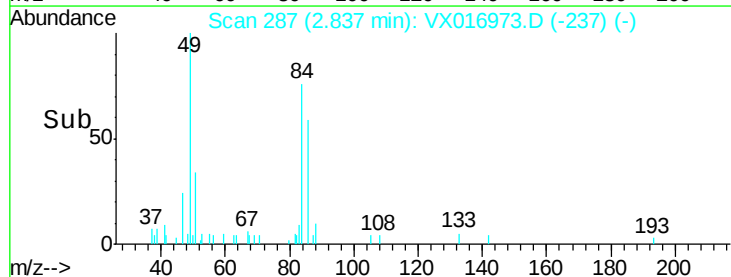
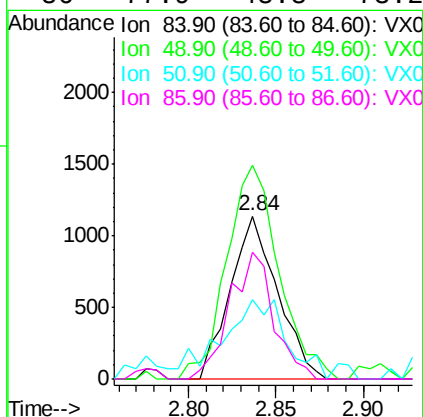
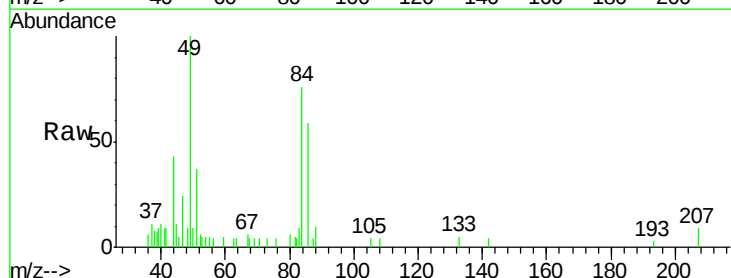
Instrument :  
MSVOA\_X  
ClientSampleId :  
FB\_061720

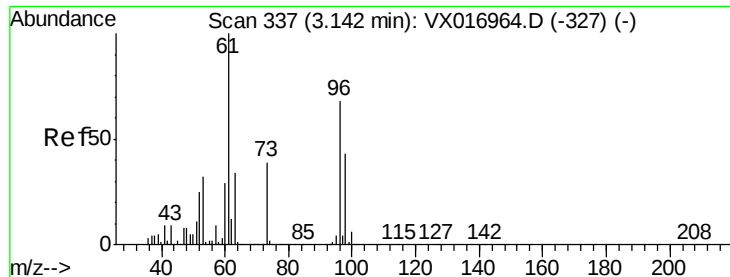
Tot Ion: 43 Resp: 1210  
Ion Ratio Lower Upper  
43 100  
74 39.8 18.3 27.5#



#20  
Methylene Chloride  
Concen: 0.791 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. 0.01 min  
Lab File: VX016973.D  
Acq: 26 Jun 2020 11:19

Tgt Ion: 84 Resp: 2138  
Ion Ratio Lower Upper  
84 100  
49 131.1 105.6 158.4  
51 38.8 31.2 46.8  
86 77.9 48.8 73.2#





#21

trans-1,2-Dichloroethene

Concen: 0.230 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016973.D

Acq: 26 Jun 2020 11:19

Instrument :

MSVOA\_X

ClientSampleId :

FB\_061720

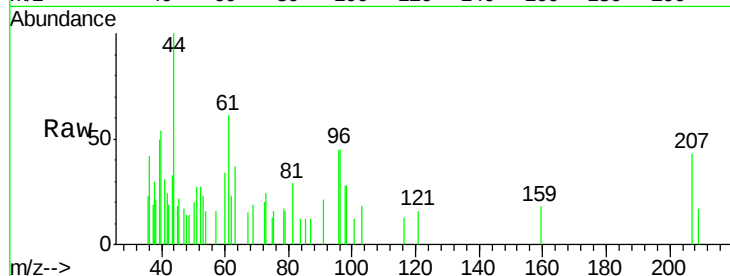
Tot Ion: 96 Resp: 580

Ion Ratio Lower Upper

96 100

61 52.7 116.7 175.1#

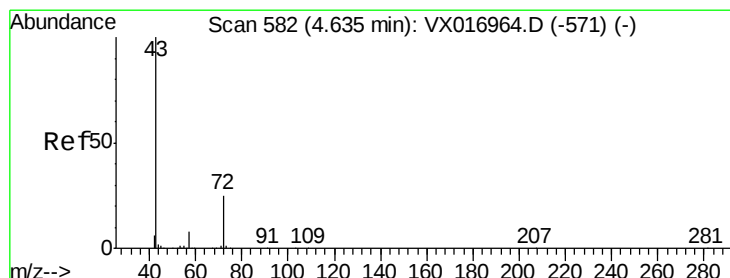
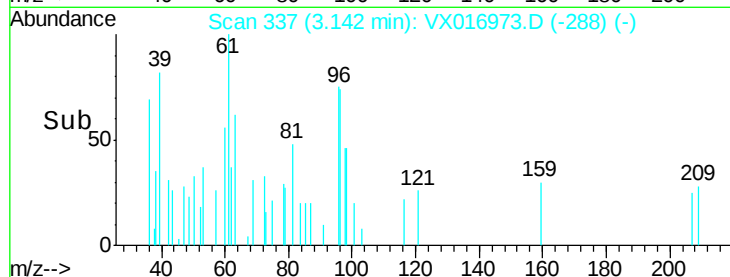
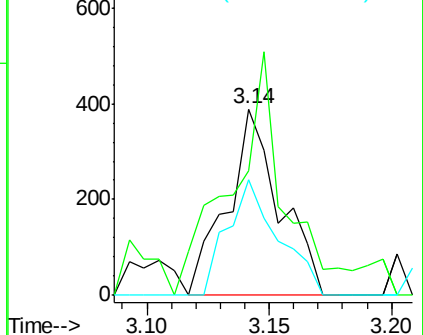
98 61.7 50.7 76.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#25

2-Butanone

Concen: 3.258 ug/l

RT: 4.65 min Scan# 585

Delta R.T. 0.02 min

Lab File: VX016973.D

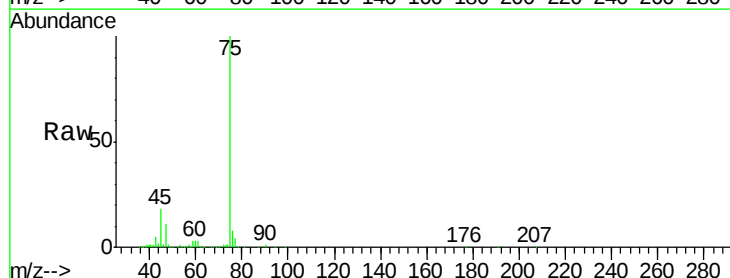
Acq: 26 Jun 2020 11:19

Tgt Ion: 43 Resp: 5903

Ion Ratio Lower Upper

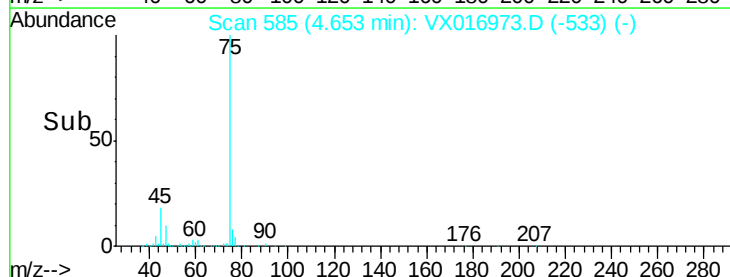
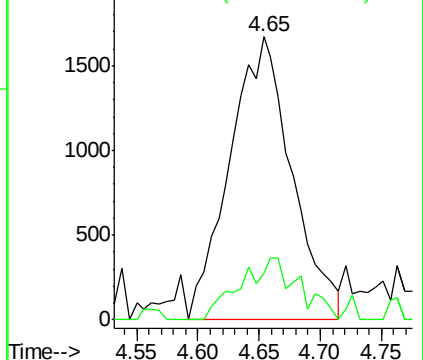
43 100

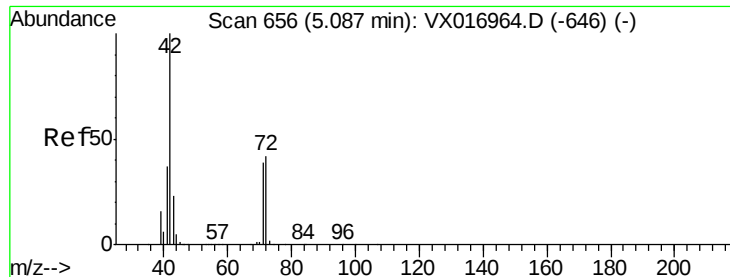
72 16.6 20.0 30.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

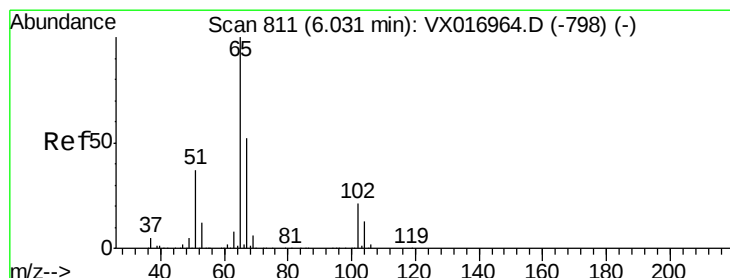
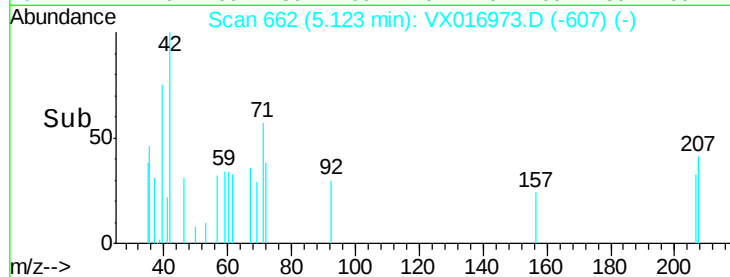
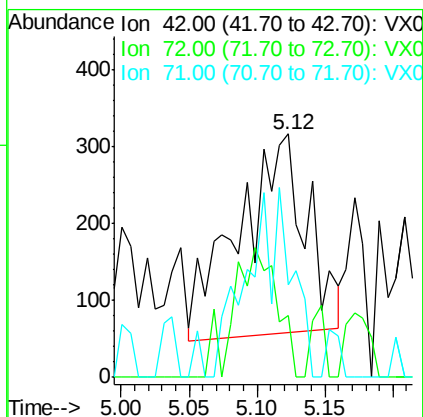
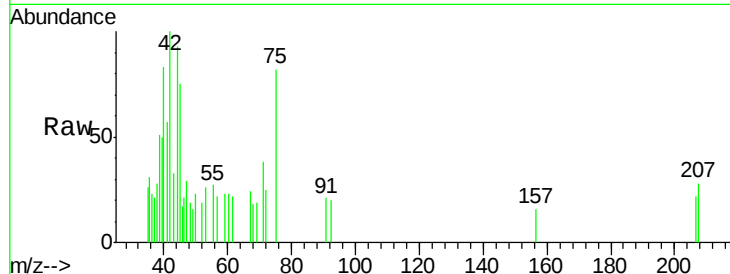




#29  
Tetrahydrofuran  
Concen: 0.764 ug/l  
RT: 5.12 min Scan# 662  
Delta R.T. 0.04 min  
Lab File: VX016973.D  
Acq: 26 Jun 2020 11:19

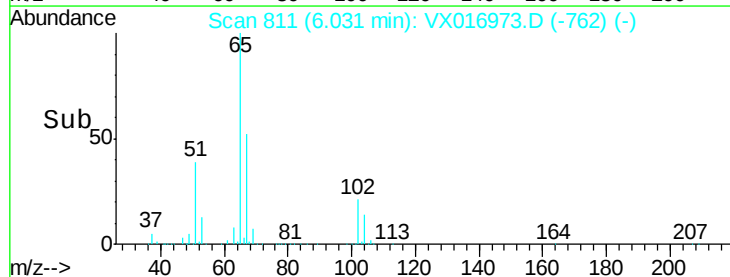
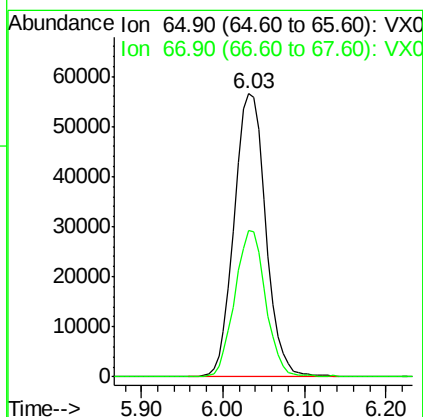
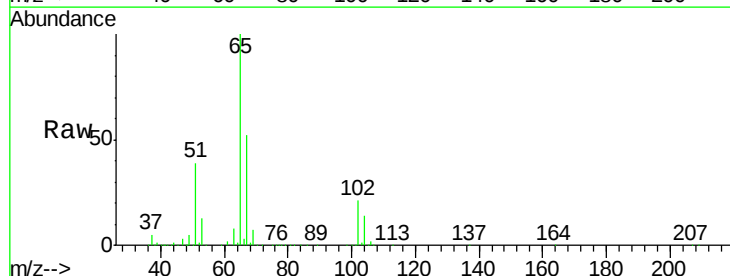
Instrument :  
MSVOA\_X  
ClientSampled :  
FB\_061720

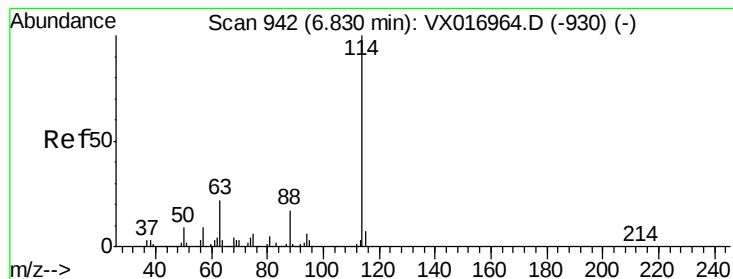
Tot Ion: 42 Resp: 910  
Ion Ratio Lower Upper  
42 100  
72 0.0 34.1 51.1#  
71 0.0 32.1 48.1#



#33  
1,2-Dichloroethane-d4  
Concen: 49.920 ug/l  
RT: 6.03 min Scan# 811  
Delta R.T. -0.00 min  
Lab File: VX016973.D  
Acq: 26 Jun 2020 11:19

Tgt Ion: 65 Resp: 151804  
Ion Ratio Lower Upper  
65 100  
67 50.5 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016973.D

Acq: 26 Jun 2020 11:19

Instrument :

MSVOA\_X

ClientSampleId :

FB\_061720

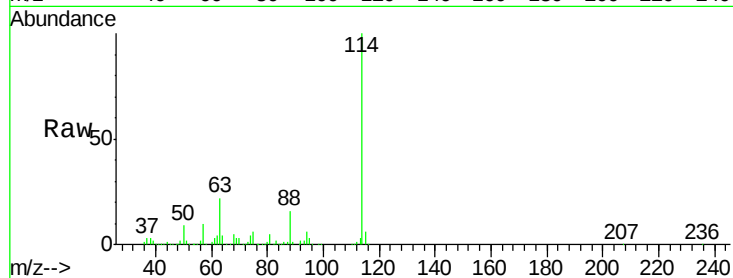
Tot Ion:114 Resp: 358982

Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.4

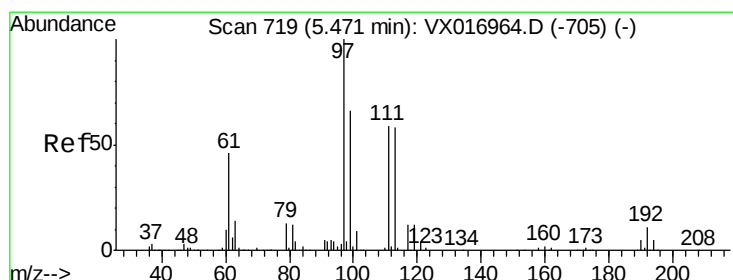
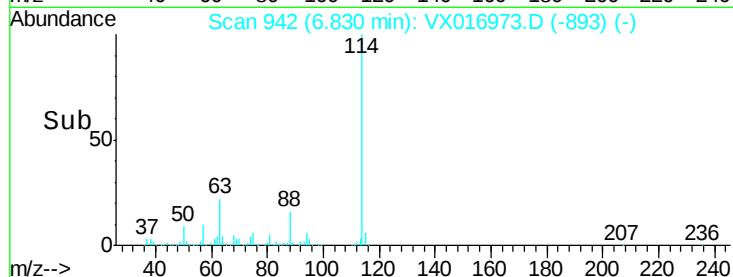
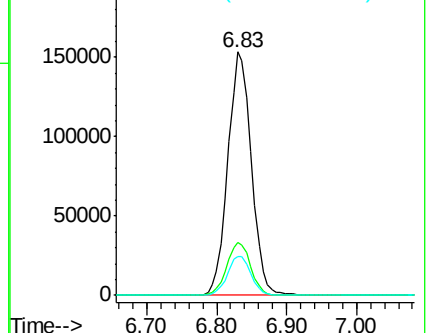
88 15.9 0.0 33.2



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: 49.246 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016973.D

Acq: 26 Jun 2020 11:19

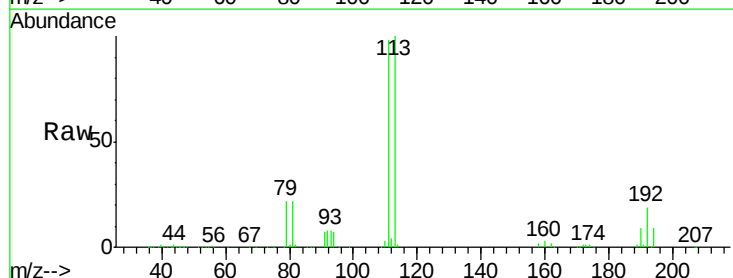
Tgt Ion:113 Resp: 116762

Ion Ratio Lower Upper

113 100

111 103.6 84.3 126.5

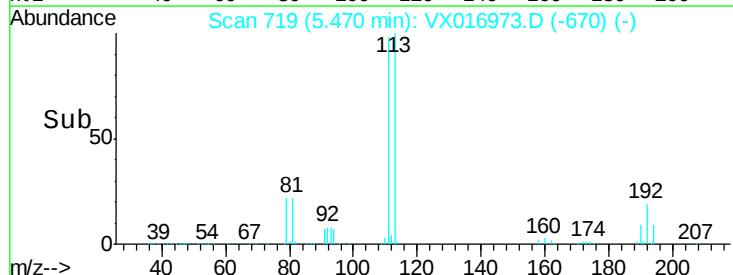
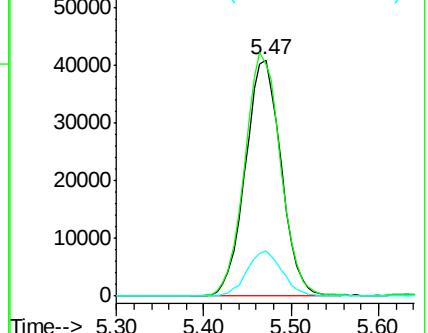
192 19.0 15.2 22.8

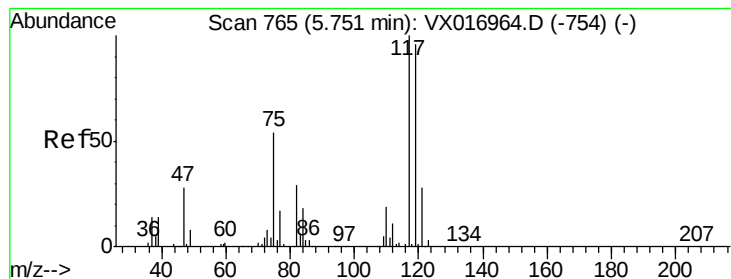


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#38

Carbon Tetrachloride

Concen: 5.821 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.12 min

Lab File: VX016973.D

Acq: 26 Jun 2020 11:19

Instrument :

MSVOA\_X

ClientSampled :

FB\_061720

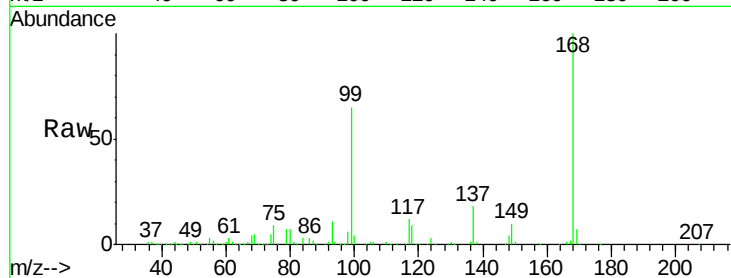
Tot Ion:117 Resp: 21899

Ion Ratio Lower Upper

117 100

119 3.9 76.6 114.8#

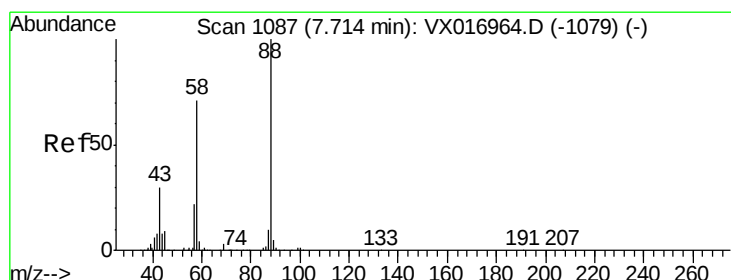
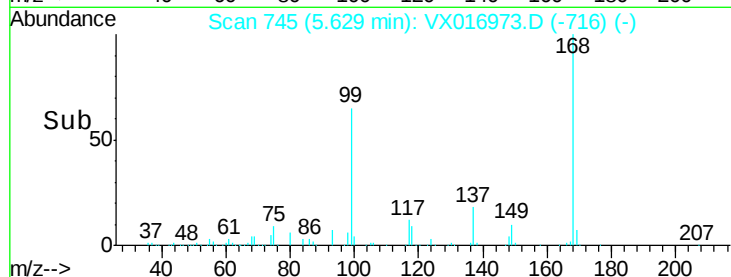
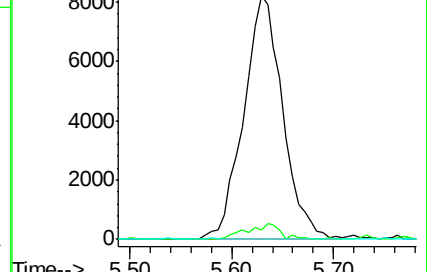
121 0.0 22.5 33.7#



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



#49

1,4-Dioxane

Concen: 0.929 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016973.D

Acq: 26 Jun 2020 11:19

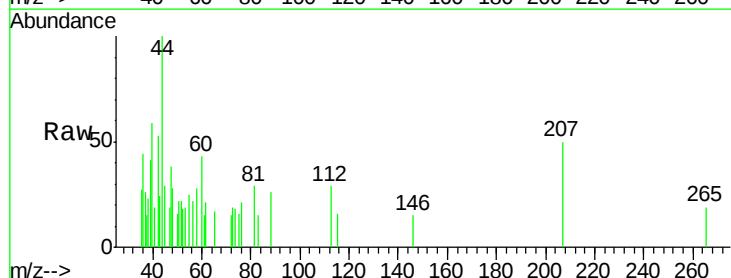
Tgt Ion: 88 Resp: 58

Ion Ratio Lower Upper

88 100

43 0.0 28.1 42.1#

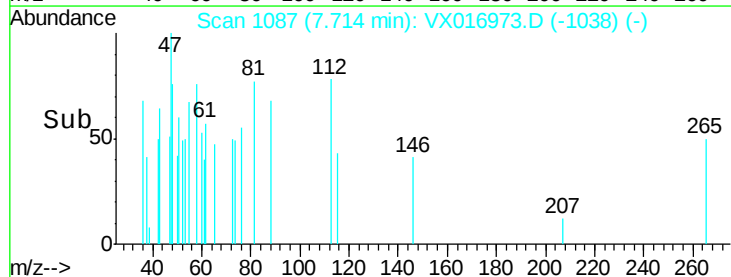
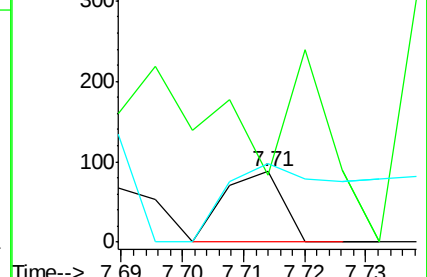
58 308.6 56.1 84.1#

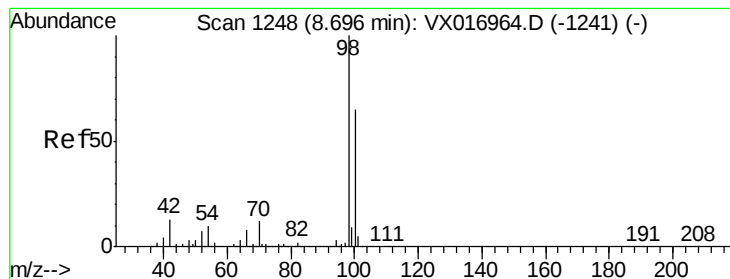


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 51.599 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016973.D

Acq: 26 Jun 2020 11:19

Instrument :

MSVOA\_X

ClientSampleId :

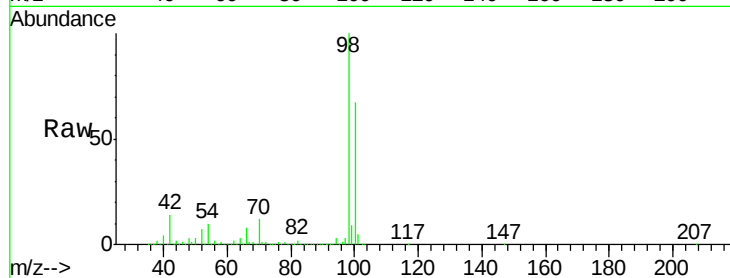
FB\_061720

Tot Ion: 98 Resp: 448447

Ion Ratio Lower Upper

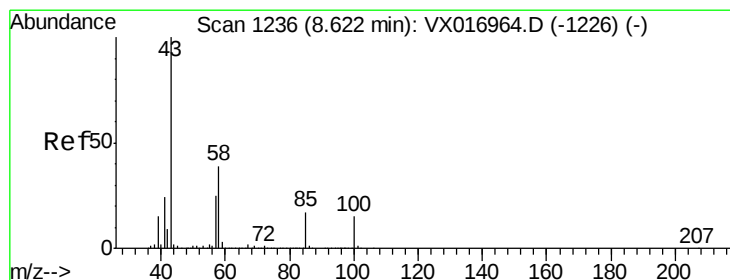
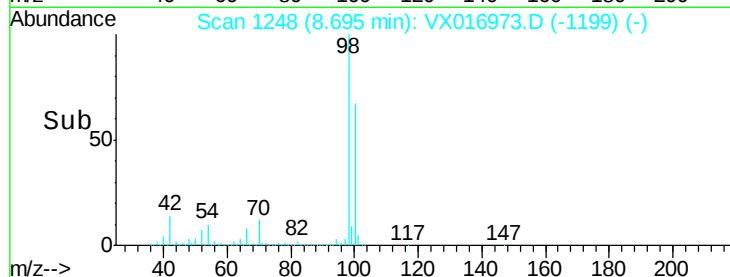
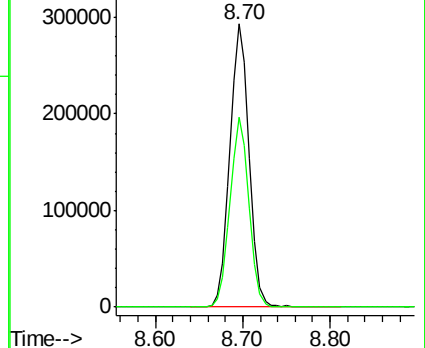
98 100

100 66.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#51

4-Methyl-2-Pentanone

Concen: 0.606 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016973.D

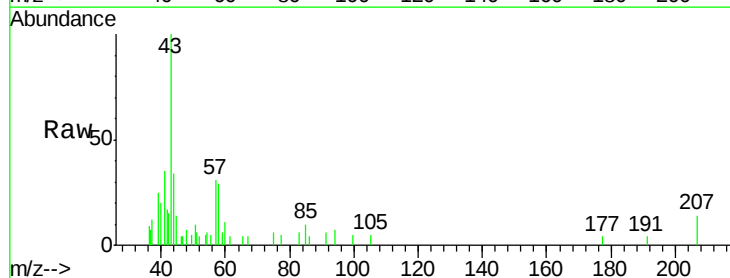
Acq: 26 Jun 2020 11:19

Tgt Ion: 43 Resp: 2228

Ion Ratio Lower Upper

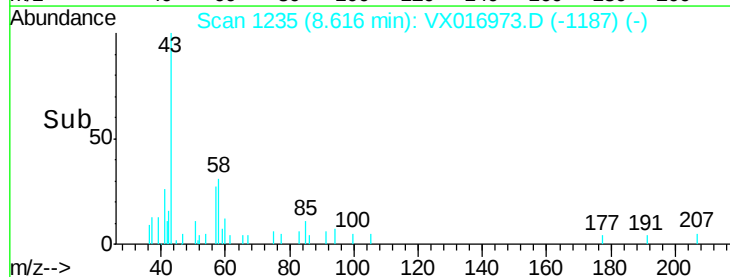
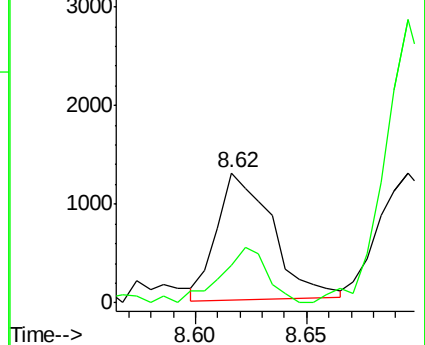
43 100

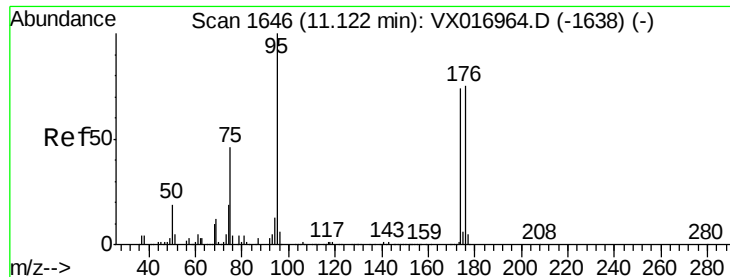
58 37.6 30.4 45.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 52.991 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016973.D

Acq: 26 Jun 2020 11:19

Instrument :

MSVOA\_X

ClientSampleId :

FB\_061720

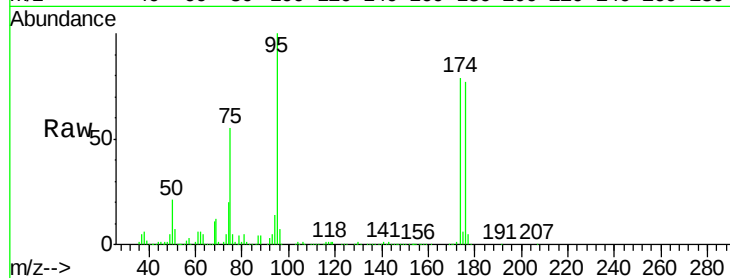
Tot Ion: 95 Resp: 178091

Ion Ratio Lower Upper

95 100

174 76.1 0.0 149.6

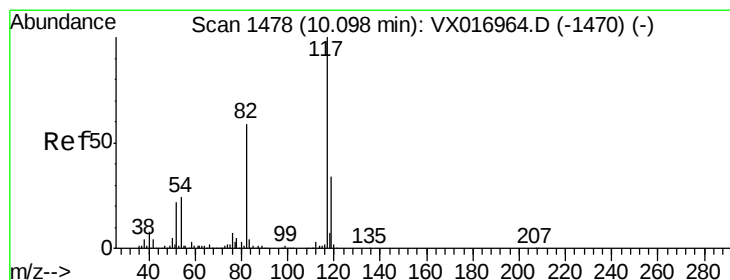
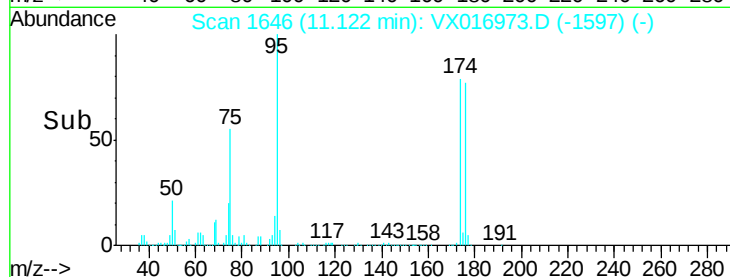
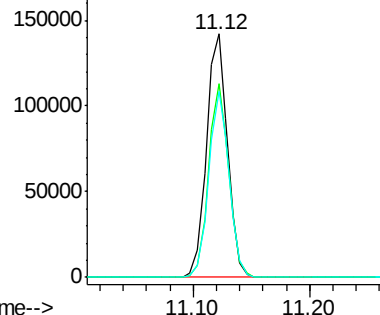
176 73.7 0.0 148.2



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: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016973.D

Acq: 26 Jun 2020 11:19

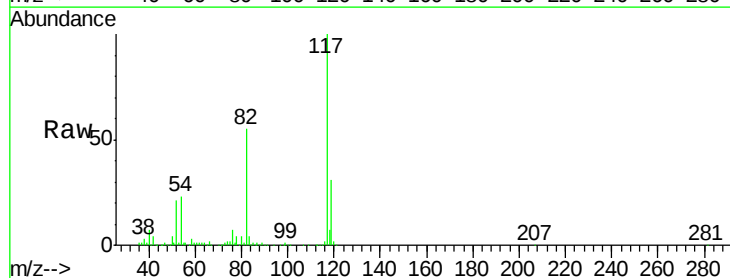
Tgt Ion: 117 Resp: 357758

Ion Ratio Lower Upper

117 100

82 54.9 46.8 70.2

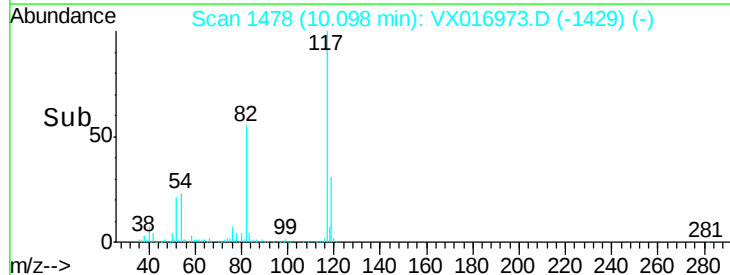
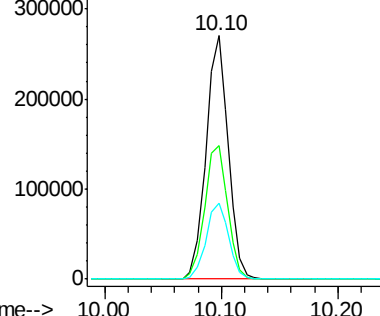
119 31.2 27.3 40.9

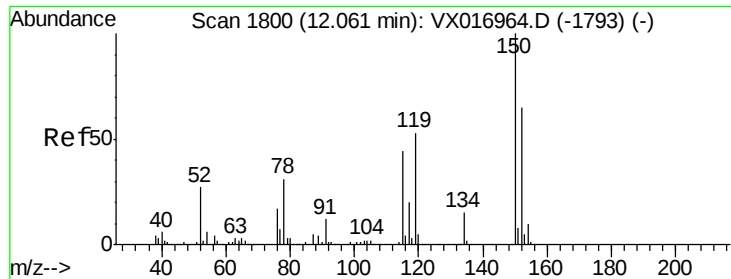


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016973.D

Acq: 26 Jun 2020 11:19

Instrument :

MSVOA\_X

ClientSampleId :

FB\_061720

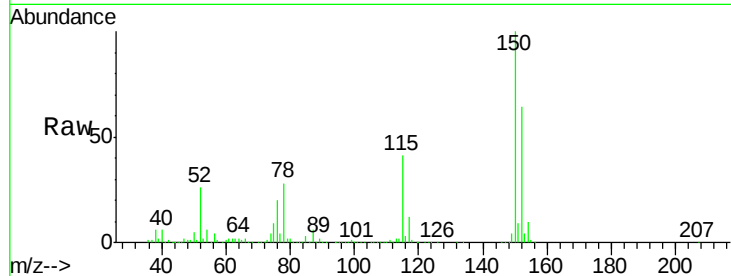
Tot Ion:152 Resp: 180693

Ion Ratio Lower Upper

152 100

115 61.5 42.8 128.4

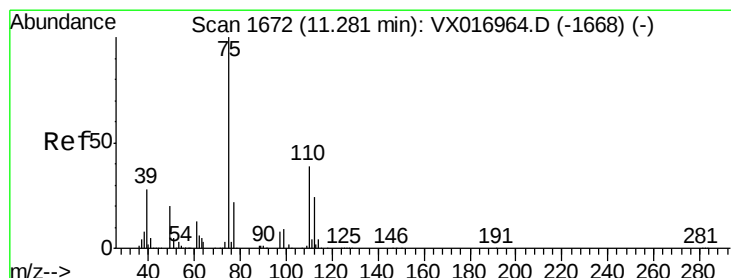
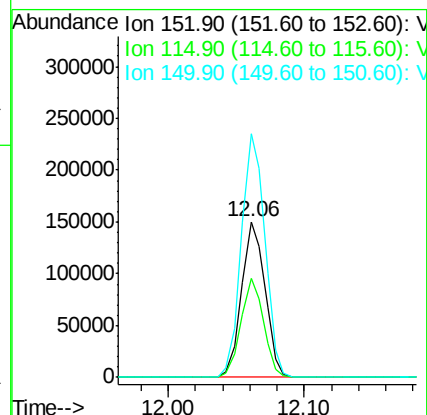
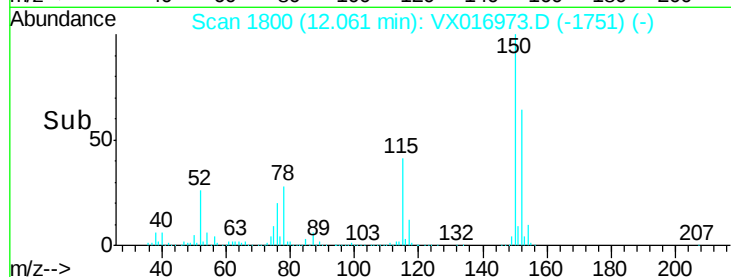
150 157.2 0.0 347.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 26.076 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016973.D

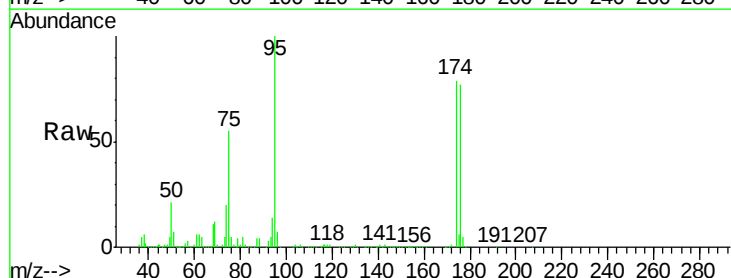
Acq: 26 Jun 2020 11:19

Tgt Ion: 75 Resp: 98881

Ion Ratio Lower Upper

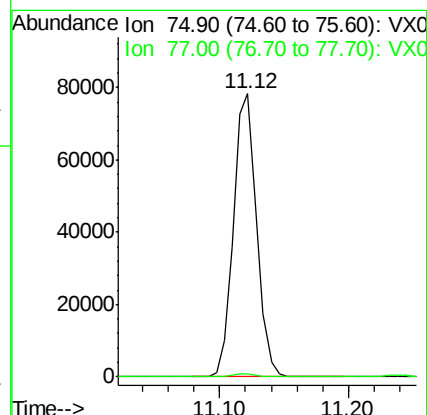
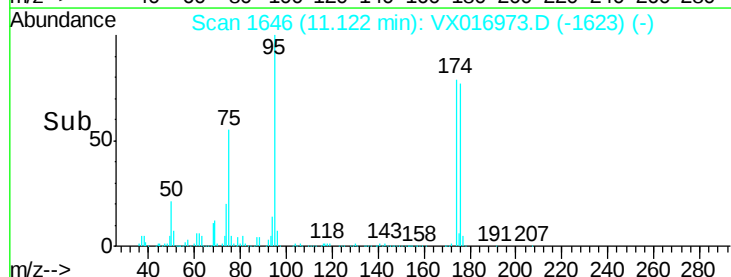
75 100

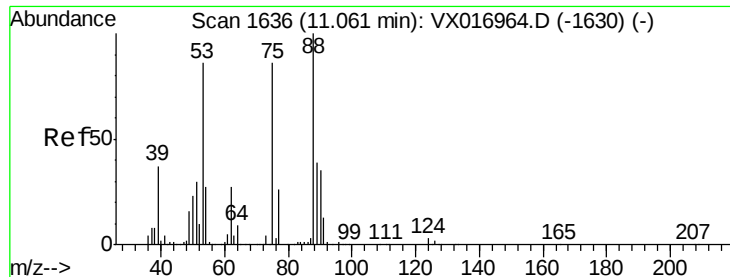
77 1.2 20.3 61.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 66.203 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016973.D

Acq: 26 Jun 2020 11:19

Instrument :

MSVOA\_X

ClientSampleId :

FB\_061720

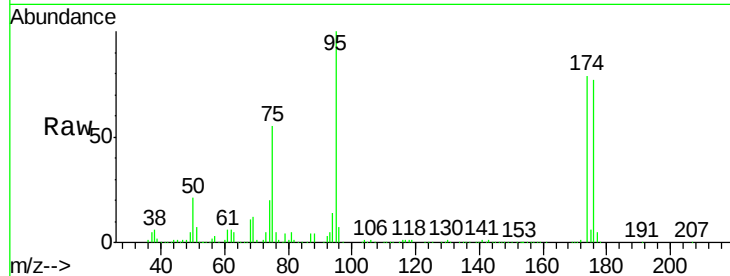
Tot Ion: 75 Resp: 98881

Ion Ratio Lower Upper

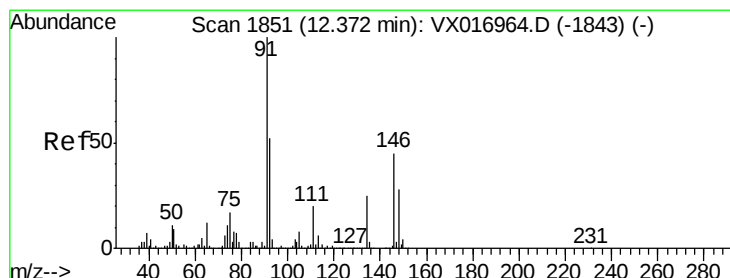
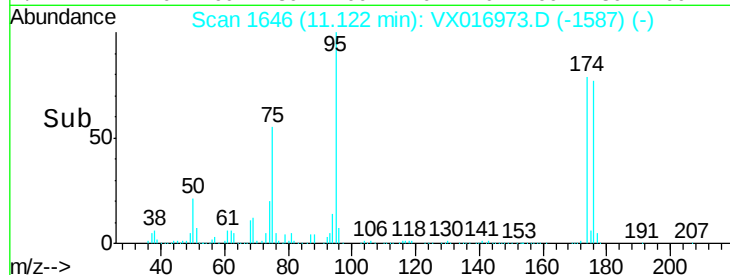
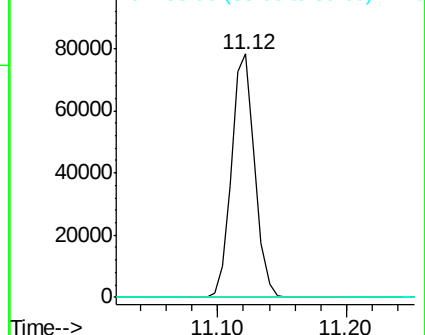
75 100

53 0.5 81.9 122.9#

89 0.0 35.5 53.3#



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



#89

n-Butylbenzene

Concen: 0.241 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016973.D

Acq: 26 Jun 2020 11:19

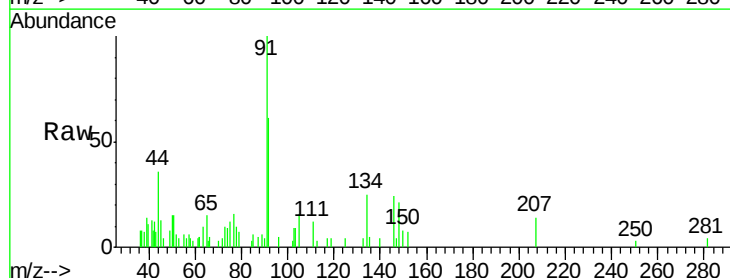
Tgt Ion: 91 Resp: 2435

Ion Ratio Lower Upper

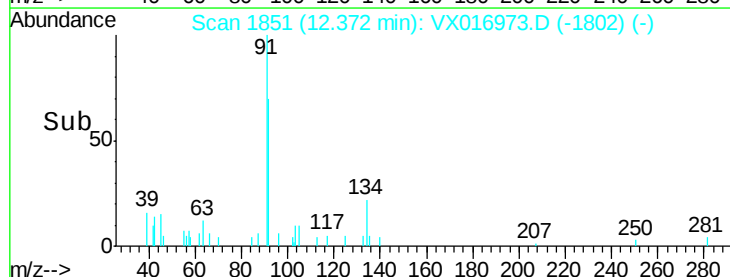
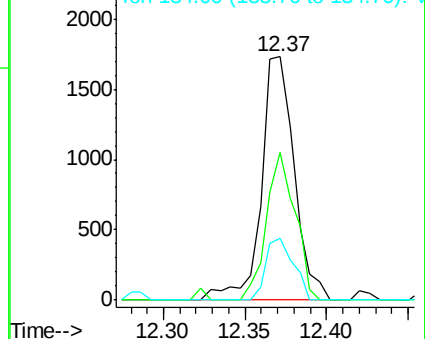
91 100

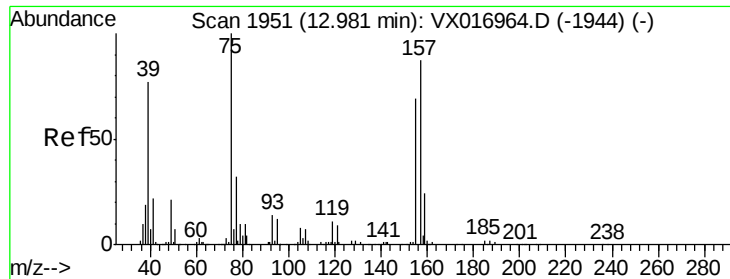
92 52.9 26.6 79.7

134 21.3 12.6 37.8



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





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.303 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016973.D

Acq: 26 Jun 2020 11:19

Instrument :

MSVOA\_X

ClientSampleId :

FB\_061720

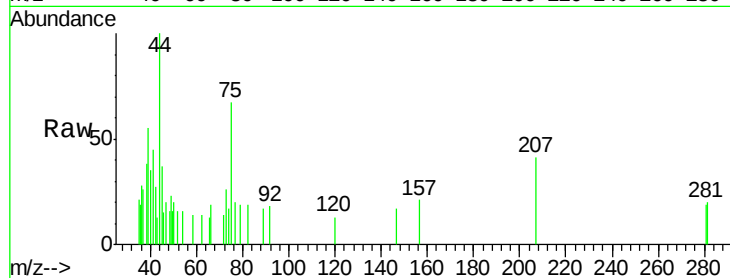
Tot Ion: 75 Resp: 290

Ion Ratio Lower Upper

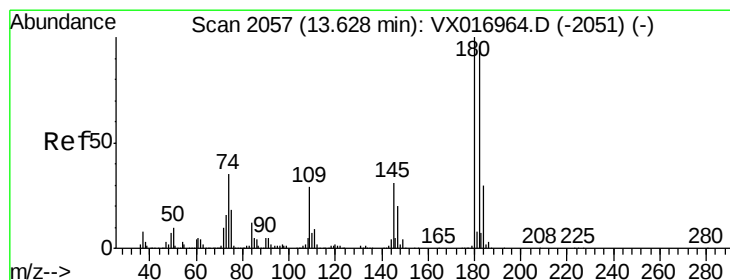
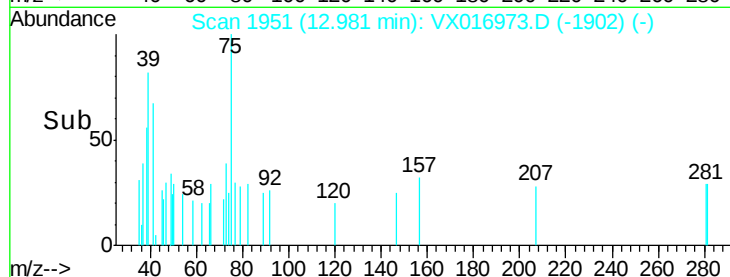
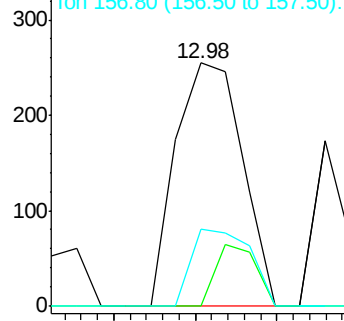
75 100

155 15.5 39.0 117.0#

157 27.6 50.0 150.1#



Abundance Ion 74.90 (74.60 to 75.60): VX016973.D (-1902) (-)



#93

1,2,4-Trichlorobenzene

Concen: 0.312 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX016973.D

Acq: 26 Jun 2020 11:19

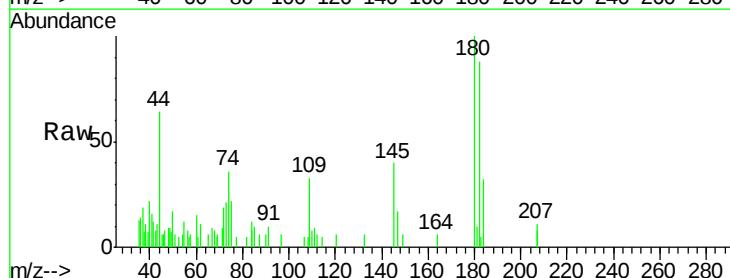
Tgt Ion: 180 Resp: 1116

Ion Ratio Lower Upper

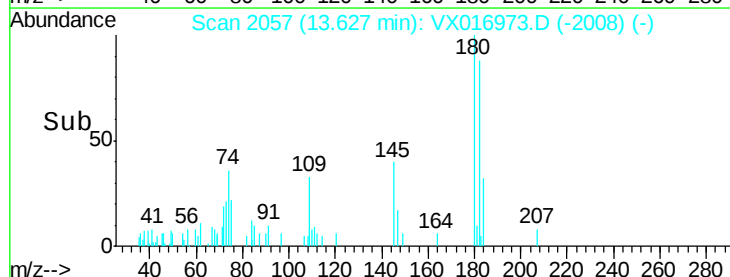
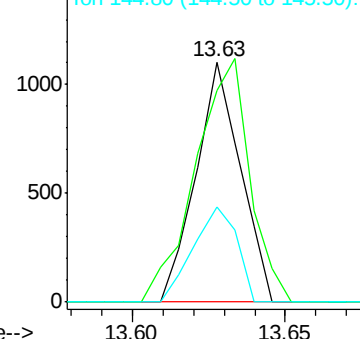
180 100

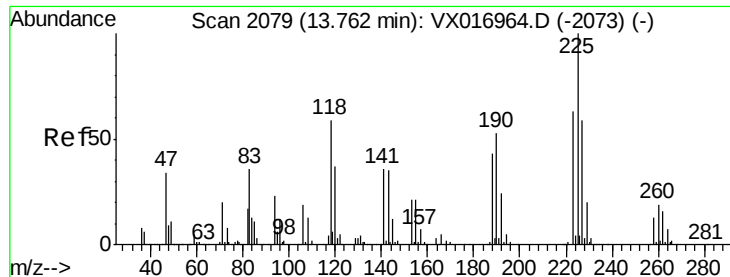
182 123.7 46.4 139.1

145 38.7 15.5 46.5



Abundance Ion 179.80 (179.50 to 180.50): VX016973.D (-2008) (-)





#94

Hexachlorobutadiene

Concen: 0.497 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX016973.D

Acq: 26 Jun 2020 11:19

Instrument :

MSVOA\_X

ClientSampleId :

FB\_061720

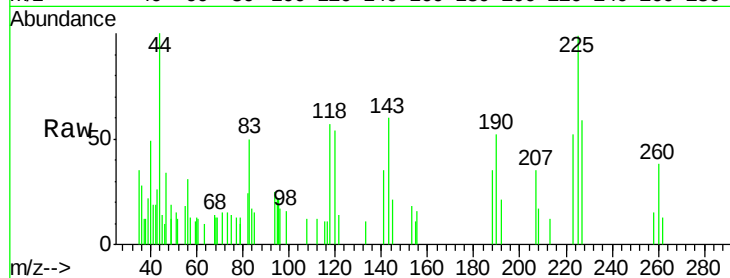
Tot Ion:225 Resp: 638

Ion Ratio Lower Upper

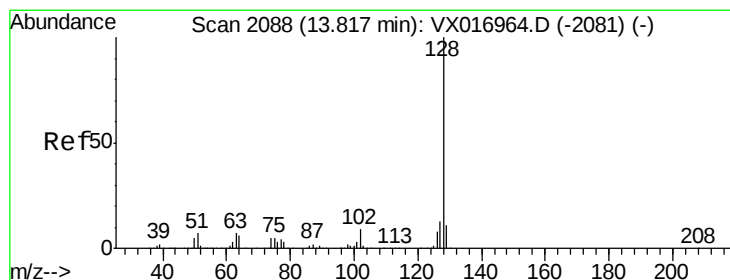
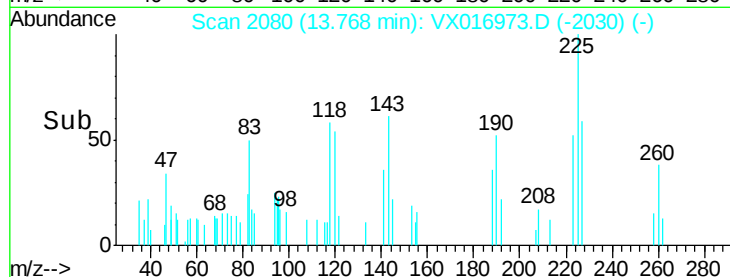
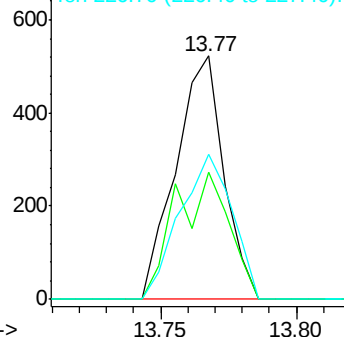
225 100

223 58.3 31.1 93.2

227 64.7 30.3 90.9



Abundance Ion 224.70 (224.40 to 225.40): V  
Ion 222.70 (222.40 to 223.40): V  
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.218 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016973.D

Acq: 26 Jun 2020 11:19

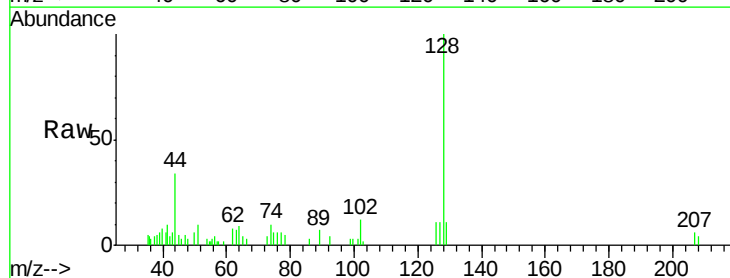
Tgt Ion:128 Resp: 2560

Ion Ratio Lower Upper

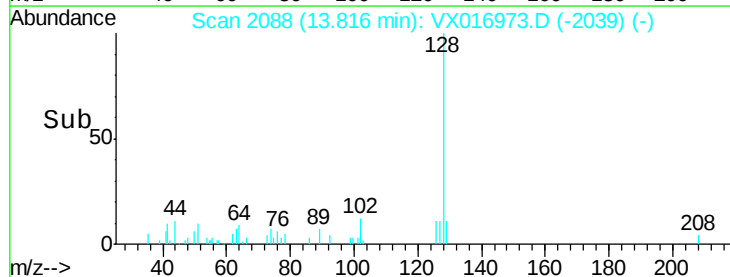
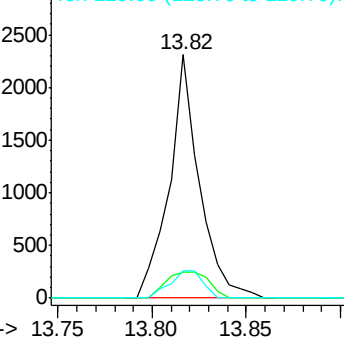
128 100

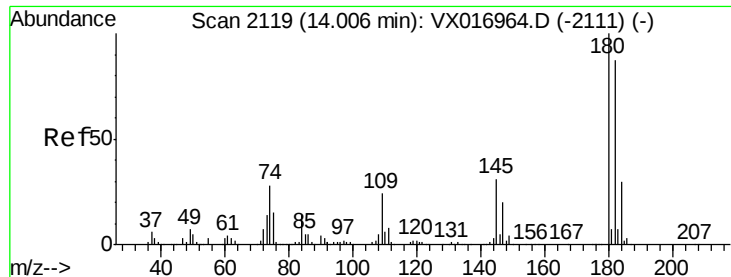
127 15.5 10.6 15.8

129 12.3 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V





#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.371 ug/l  
 RT: 14.00 min Scan# 2118  
 Delta R.T. -0.01 min  
 Lab File: VX016973.D  
 Acq: 26 Jun 2020 11:19

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FB\_061720

Tot Ion:180 Resp: 1274  
 Ion Ratio Lower Upper  
 180 100  
 182 80.1 47.8 143.3  
 145 29.7 16.9 50.6

