

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072320\  
 Data File : VX017507.D  
 Acq On : 23 Jul 2020 22:03  
 Operator : JC/SP  
 Sample : VX0723WBL02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0723WBL02

Quant Time: Jul 24 06:01:59 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X072320W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 24 05:48:09 2020  
 Response via : Initial Calibration

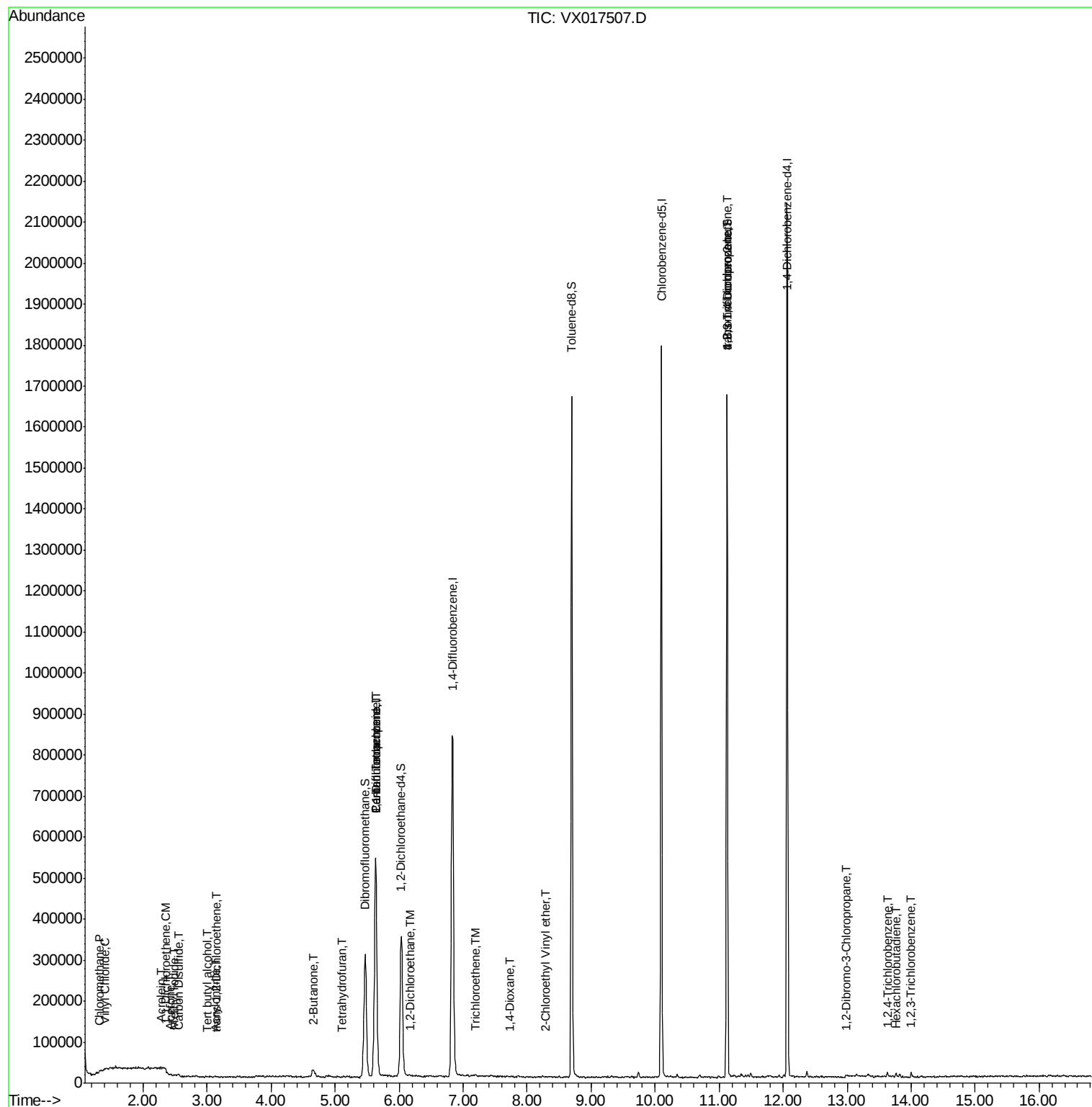
| Internal Standards             | R.T.   | QIon | Response | Conc      | Units   | Dev(Min) |
|--------------------------------|--------|------|----------|-----------|---------|----------|
| 1) Pentafluorobenzene          | 5.63   | 168  | 506301   | 50.00     | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene        | 6.84   | 114  | 845991   | 50.00     | ug/l    | 0.00     |
| 63) Chlorobenzene-d5           | 10.10  | 117  | 787045   | 50.00     | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4     | 12.06  | 152  | 436416   | 50.00     | ug/l    | 0.00     |
| System Monitoring Compounds    |        |      |          |           |         |          |
| 33) 1,2-Dichloroethane-d4      | 6.03   | 65   | 352857   | 54.26     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 108.52% |          |
| 35) Dibromofluoromethane       | 5.46   | 113  | 260097   | 45.97     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 91.94%  |          |
| 50) Toluene-d8                 | 8.70   | 98   | 944839   | 46.29     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 92.58%  |          |
| 62) 4-Bromofluorobenzene       | 11.12  | 95   | 416411   | 50.98     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 101.96% |          |
| Target Compounds               |        |      |          |           |         |          |
|                                |        |      |          |           | Qvalue  |          |
| 2) Dichlorodifluoromethane     | 1.19   | 85   | 560      | Below Cal | #       | 62       |
| 3) Chloromethane               | 1.31   | 50   | 1609     | 0.622     | ug/l #  | 51       |
| 4) Vinyl Chloride              | 1.40   | 62   | 1354     | 0.213     | ug/l #  | 43       |
| 5) Bromomethane                | 1.63   | 94   | 1509     | Below Cal | #       | 41       |
| 6) Chloroethane                | 1.71   | 64   | 196      | Below Cal | #       | 46       |
| 8) Diethyl Ether               | 2.17   | 74   | 525      | Below Cal |         | 97       |
| 10) Methyl Iodide              | 2.49   | 142  | 1797     | 0.255     | ug/l #  | 92       |
| 11) Tert butyl alcohol         | 3.01   | 59   | 907      | 0.662     | ug/l #  | 59       |
| 12) 1,1-Dichloroethene         | 2.35   | 96   | 1058     | 0.202     | ug/l #  | 33       |
| 13) Acrolein                   | 2.28   | 56   | 1372     | 5.438     | ug/l    | 90       |
| 15) Acrylonitrile              | 3.13   | 53   | 851      | 0.287     | ug/l #  | 95       |
| 16) Acetone                    | 2.43   | 43   | 2820     | 0.985     | ug/l    | 90       |
| 17) Carbon Disulfide           | 2.55   | 76   | 5049     | 0.318     | ug/l    | 98       |
| 20) Methylene Chloride         | 2.84   | 84   | 2528     | Below Cal | #       | 66       |
| 21) trans-1,2-Dichloroethene   | 3.14   | 96   | 1512     | 0.270     | ug/l #  | 53       |
| 25) 2-Butanone                 | 4.66   | 43   | 2487     | 0.612     | ug/l    | 94       |
| 29) Tetrahydrofuran            | 5.09   | 42   | 525      | 0.208     | ug/l #  | 33       |
| 36) 1,1-Dichloropropene        | 5.63   | 75   | 37292    | 4.596     | ug/l #  | 53       |
| 38) Carbon Tetrachloride       | 5.63   | 117  | 50439    | 5.119     | ug/l #  | 16       |
| 42) 1,2-Dichloroethane         | 6.17   | 62   | 2053     | 0.216     | ug/l    | 89       |
| 44) Trichloroethene            | 7.18   | 130  | 1421     | 0.209     | ug/l    | 81       |
| 49) 1,4-Dioxane                | 7.73   | 88   | 168      | 1.207     | ug/l #  | 50       |
| 58) 2-Chloroethyl Vinyl ether  | 8.30   | 63   | 1195     | 0.242     | ug/l #  | 67       |
| 76) 1,2,3-Trichloropropane     | 11.12  | 75   | 212379   | 23.657    | ug/l #  | 34       |
| 81) trans-1,4-Dichloro-2-buten | 11.12  | 75   | 212379   | 59.611    | ug/l #  | 11       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99  | 75   | 430      | 2.731     | ug/l    | 59       |
| 93) 1,2,4-Trichlorobenzene     | 13.63  | 180  | 2798     | 0.290     | ug/l    | 92       |
| 94) Hexachlorobutadiene        | 13.77  | 225  | 1381     | 0.311     | ug/l #  | 72       |
| 96) 1,2,3-Trichlorobenzene     | 14.00  | 180  | 2031     | 0.213     | ug/l    | 85       |

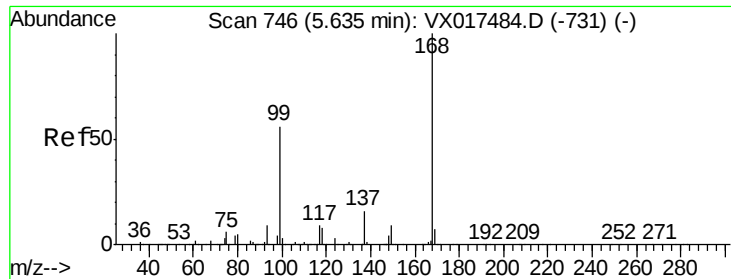
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072320\  
Data File : VX017507.D  
Acq On : 23 Jul 2020 22:03  
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Sample : VX0723WBL02  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0723WBL02

Quant Time: Jul 24 06:01:59 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X072320W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 24 05:48:09 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017507.D

Acq: 23 Jul 2020 22:03

Instrument :

MSVOA\_X

ClientSampleId :

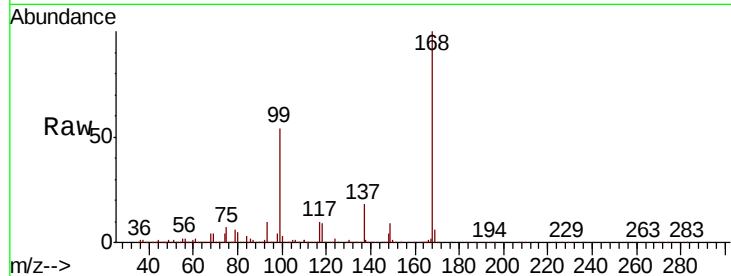
VX0723WBL02

Tot Ion:168 Resp: 506301

Ion Ratio Lower Upper

168 100

99 53.9 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

150000

100000

50000

0

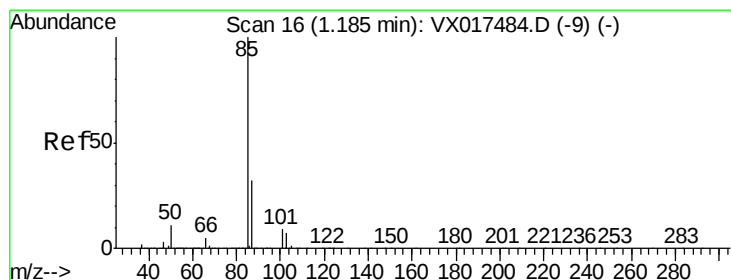
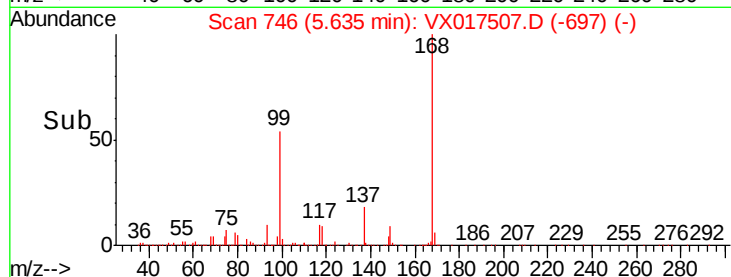
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.19 min Scan# 17

Delta R.T. 0.01 min

Lab File: VX017507.D

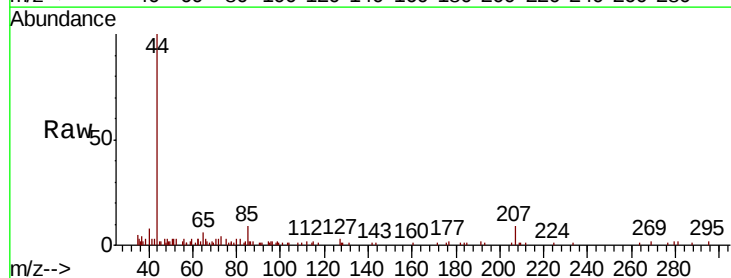
Acq: 23 Jul 2020 22:03

Tgt Ion: 85 Resp: 560

Ion Ratio Lower Upper

85 100

87 53.5 16.1 48.3#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

600

500

400

300

200

100

0

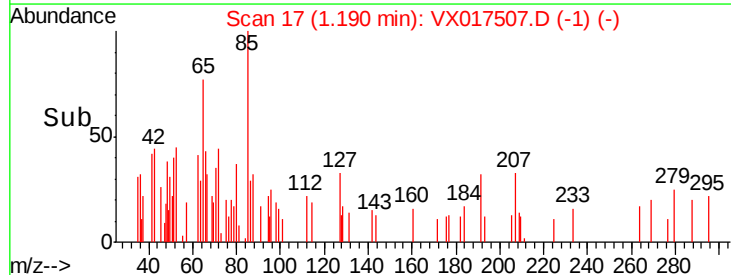
Time-->

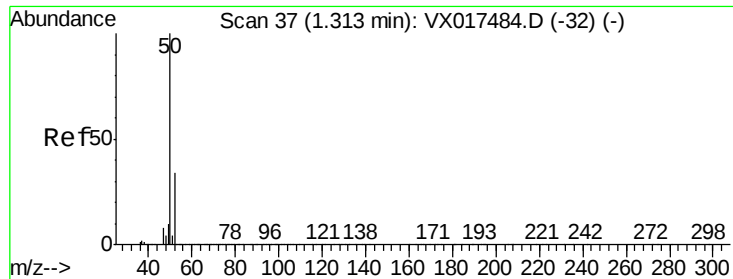
1.16

1.18

1.20

1.22





#3

Chloromethane

Concen: 0.622 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017507.D

Acq: 23 Jul 2020 22:03

Instrument :

MSVOA\_X

ClientSampleId :

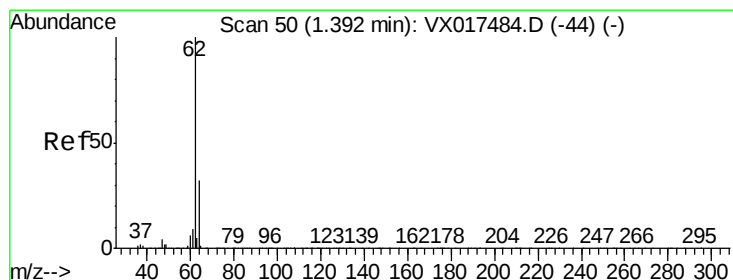
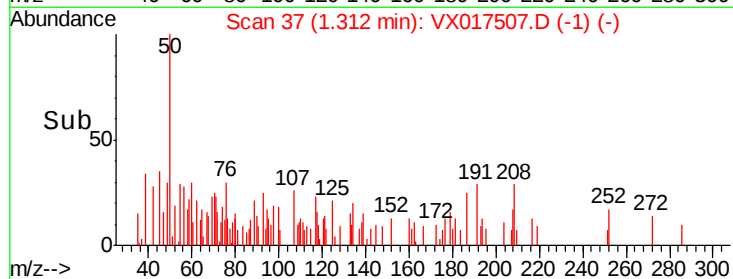
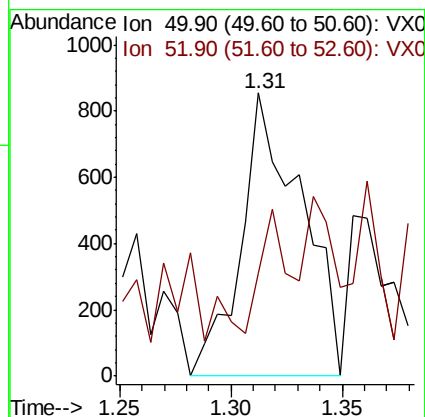
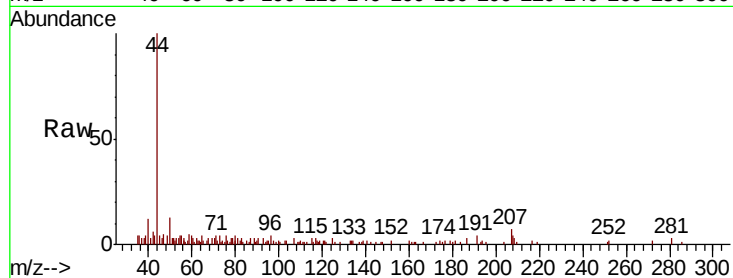
VX0723WBL02

Tot Ion: 50 Resp: 1609

Ion Ratio Lower Upper

50 100

52 4.9 25.9 38.9#



#4

Vinyl Chloride

Concen: 0.213 ug/l

RT: 1.40 min Scan# 52

Delta R.T. 0.01 min

Lab File: VX017507.D

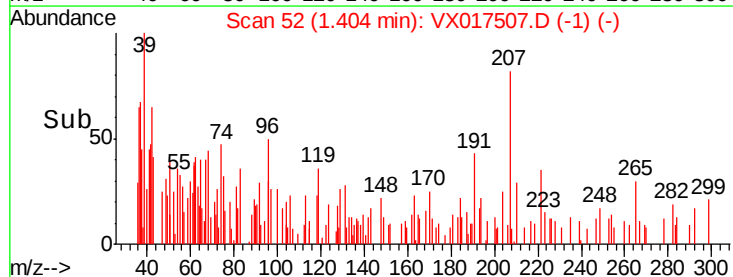
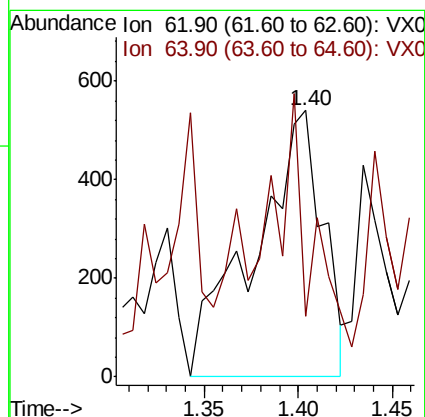
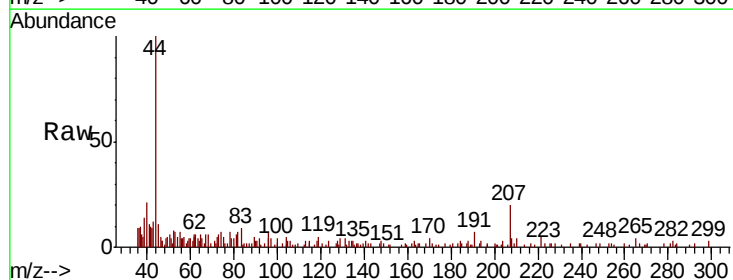
Acq: 23 Jul 2020 22:03

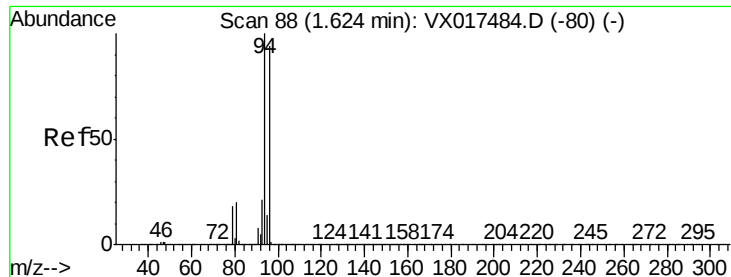
Tgt Ion: 62 Resp: 1354

Ion Ratio Lower Upper

62 100

64 0.0 25.2 37.8#





#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017507.D

Acq: 23 Jul 2020 22:03

Instrument :

MSVOA\_X

ClientSampled :

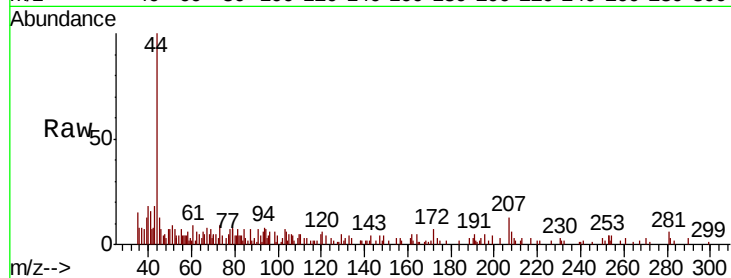
VX0723WBL02

Tot Ion: 94 Resp: 1509

Ion Ratio Lower Upper

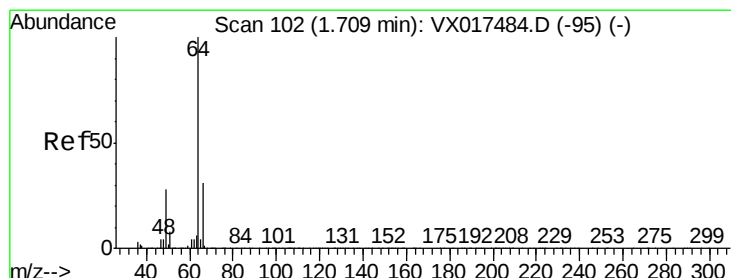
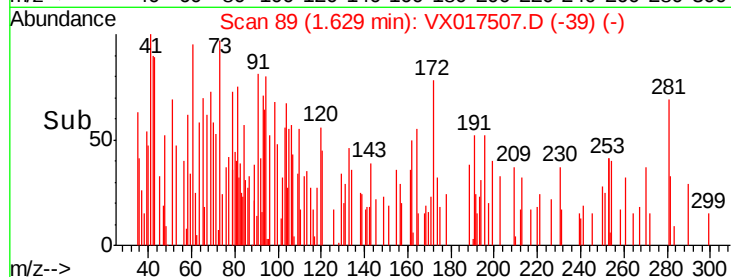
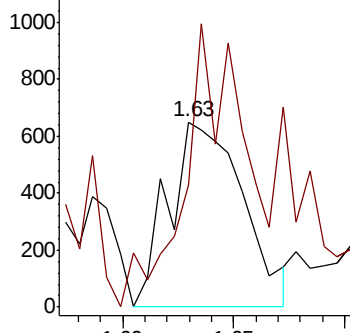
94 100

96 36.5 74.1 111.1#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017507.D

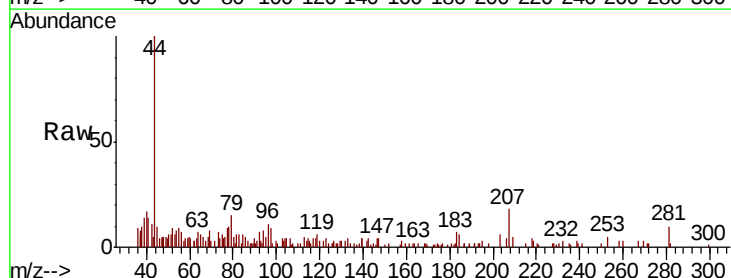
Acq: 23 Jul 2020 22:03

Tgt Ion: 64 Resp: 196

Ion Ratio Lower Upper

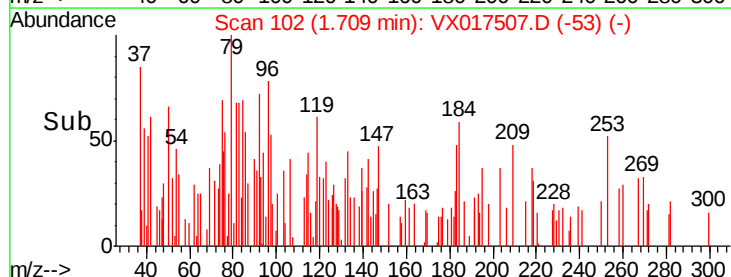
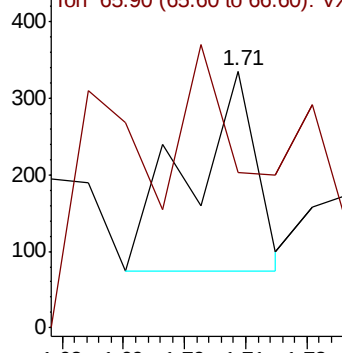
64 100

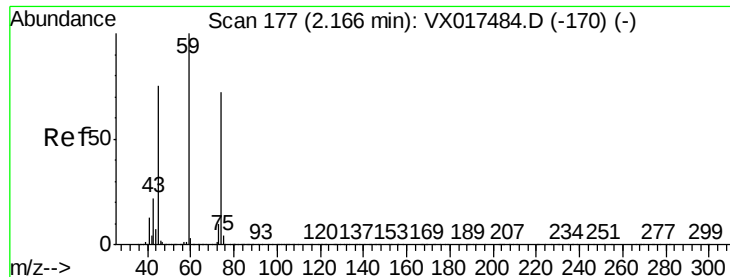
66 1.1 24.9 37.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#8

Diethyl Ether

Concen: Below Cal

RT: 2.17 min Scan# 178

Delta R.T. 0.01 min

Lab File: VX017507.D

Acq: 23 Jul 2020 22:03

Instrument :

MSVOA\_X

ClientSampleId :

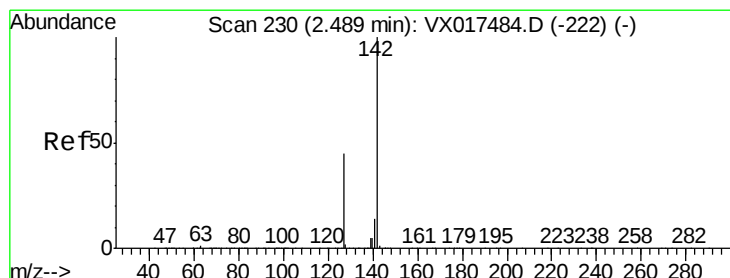
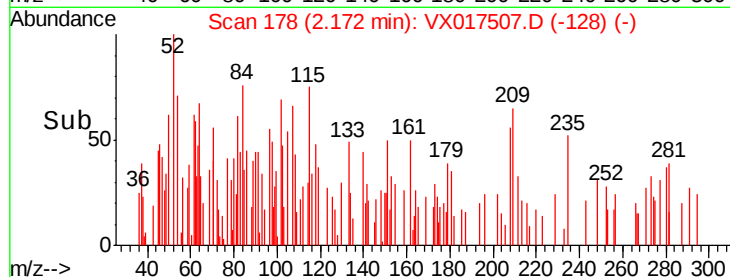
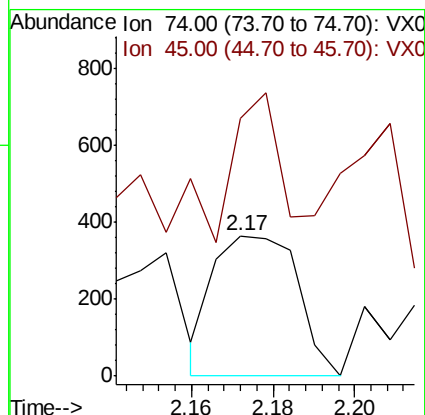
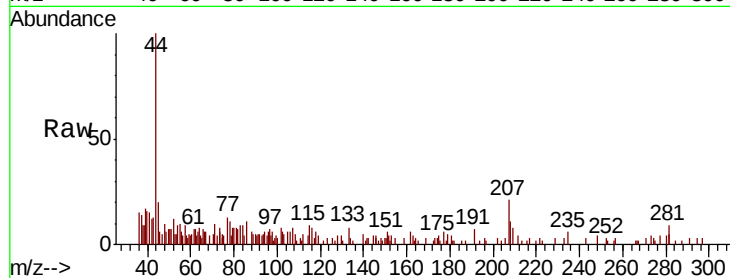
VX0723WBL02

Tot Ion: 74 Resp: 525

Ion Ratio Lower Upper

74 100

45 99.0 50.8 152.5



#10

Methyl Iodide

Concen: 0.255 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017507.D

Acq: 23 Jul 2020 22:03

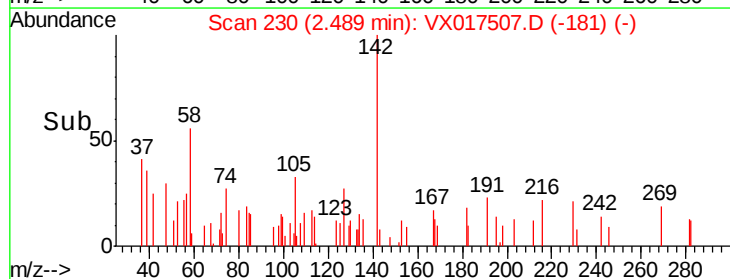
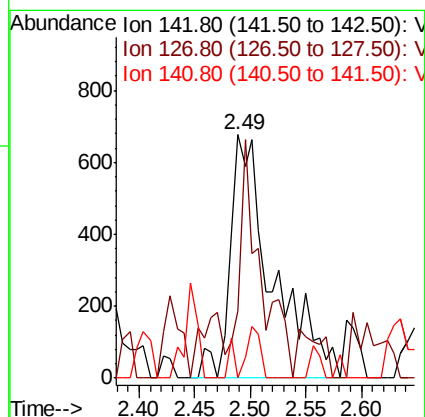
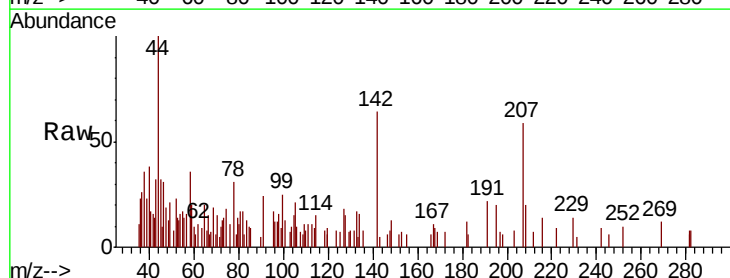
Tgt Ion:142 Resp: 1797

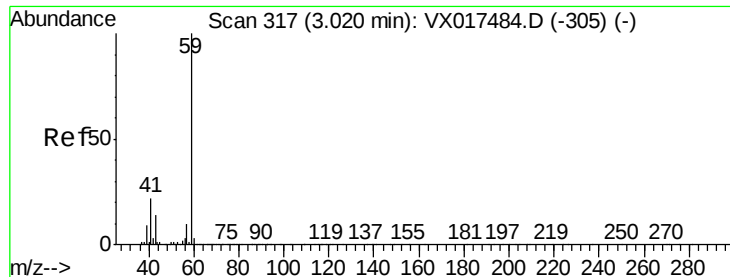
Ion Ratio Lower Upper

142 100

127 48.4 35.9 53.9

141 6.6 11.4 17.0#

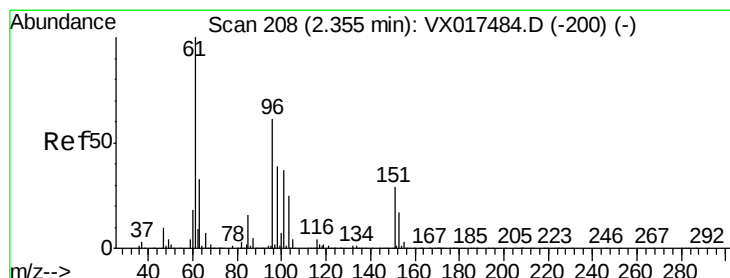
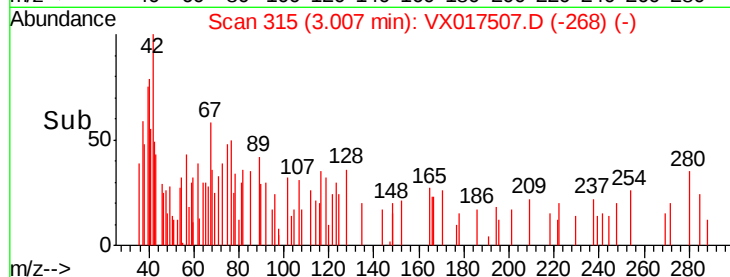
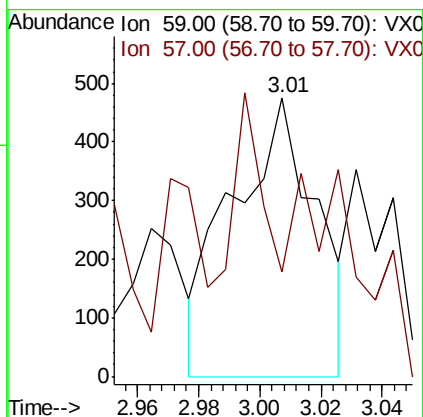
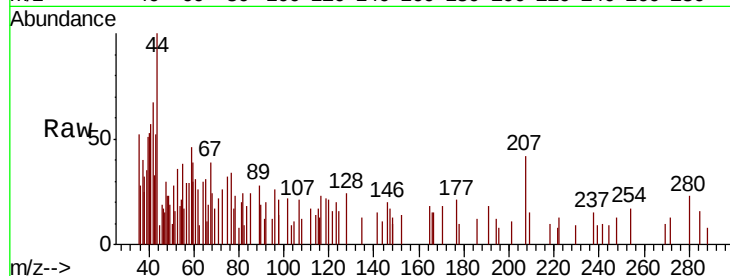




#11  
Tert butyl alcohol  
Concen: 0.662 ug/l  
RT: 3.01 min Scan# 315  
Delta R.T. -0.01 min  
Lab File: VX017507.D  
Acq: 23 Jul 2020 22:03

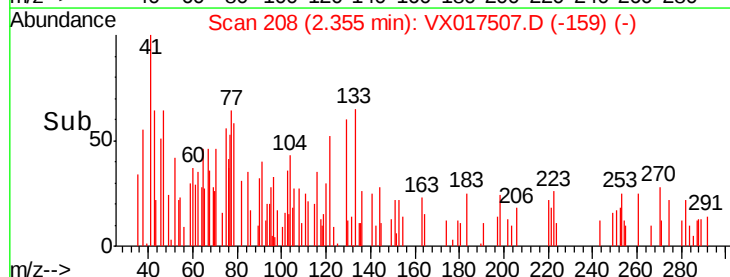
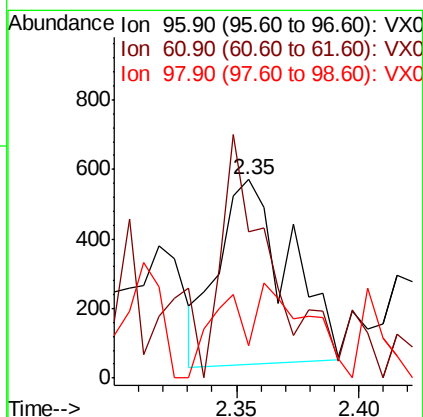
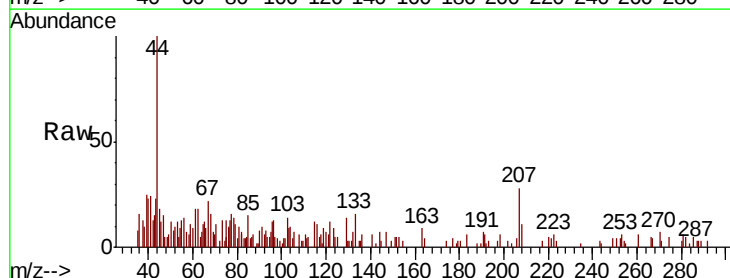
Instrument :  
MSVOA\_X  
ClientSampled :  
VX0723WBL02

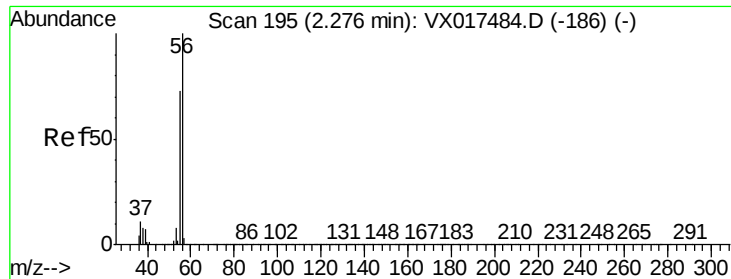
Tot Ion: 59 Resp: 907  
Ion Ratio Lower Upper  
59 100  
57 26.1 8.6 12.8#



#12  
1,1-Dichloroethene  
Concen: 0.202 ug/l  
RT: 2.35 min Scan# 208  
Delta R.T. -0.00 min  
Lab File: VX017507.D  
Acq: 23 Jul 2020 22:03

Tgt Ion: 96 Resp: 1058  
Ion Ratio Lower Upper  
96 100  
61 72.5 134.0 201.0#  
98 18.0 51.0 76.4#

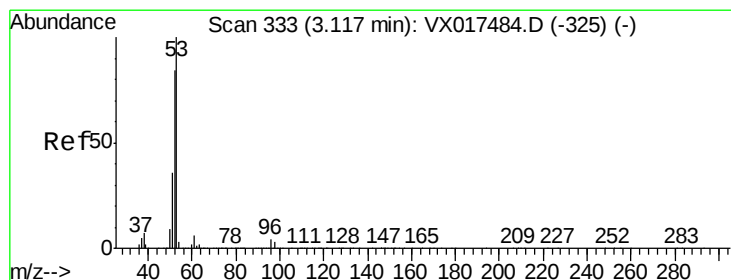
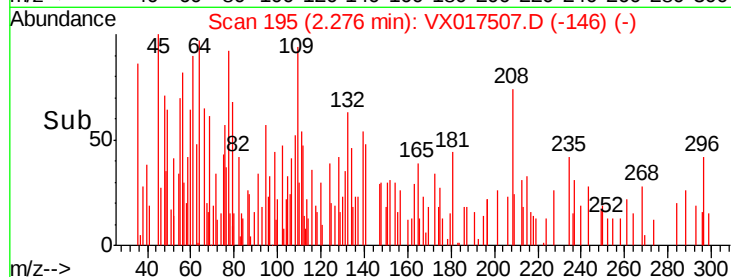
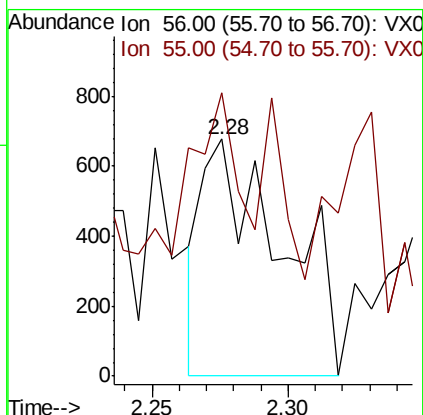
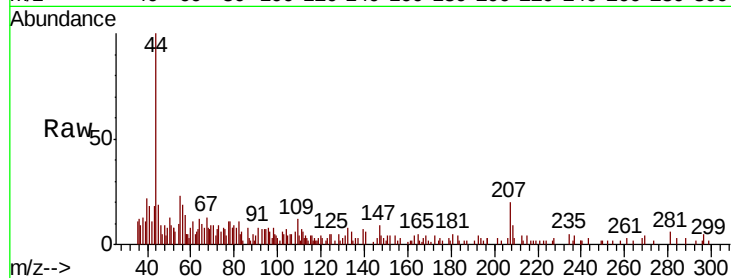




#13  
Acrolein  
Concen: 5.438 ug/l  
RT: 2.28 min Scan# 195  
Delta R.T. -0.00 min  
Lab File: VX017507.D  
Acq: 23 Jul 2020 22:03

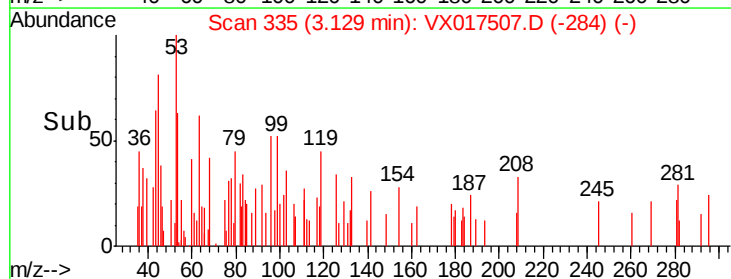
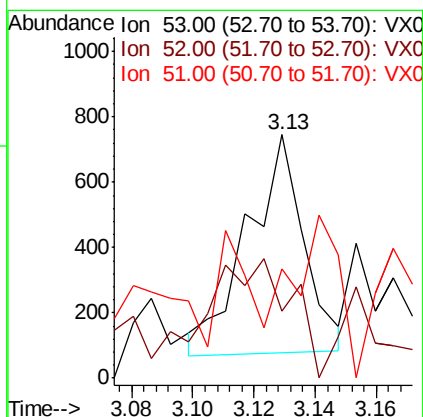
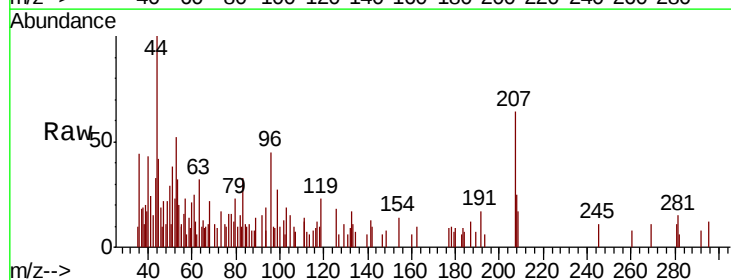
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0723WBL02

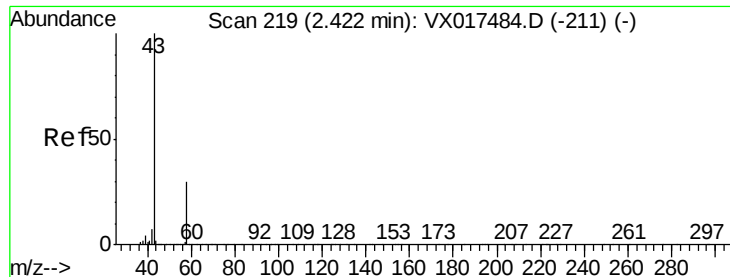
Tot Ion: 56 Resp: 1372  
Ion Ratio Lower Upper  
56 100  
55 63.3 57.4 86.2



#15  
Acrylonitrile  
Concen: 0.287 ug/l  
RT: 3.13 min Scan# 335  
Delta R.T. 0.01 min  
Lab File: VX017507.D  
Acq: 23 Jul 2020 22:03

Tgt Ion: 53 Resp: 851  
Ion Ratio Lower Upper  
53 100  
52 83.4 66.6 99.8  
51 27.4 29.4 44.2#

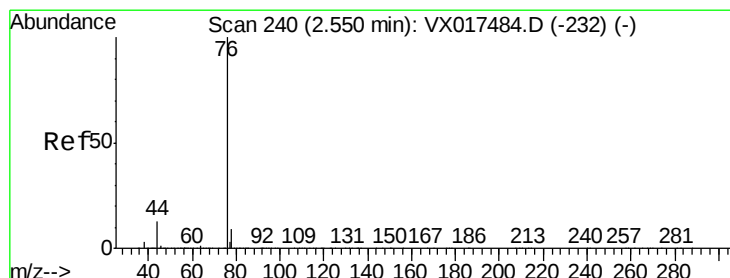
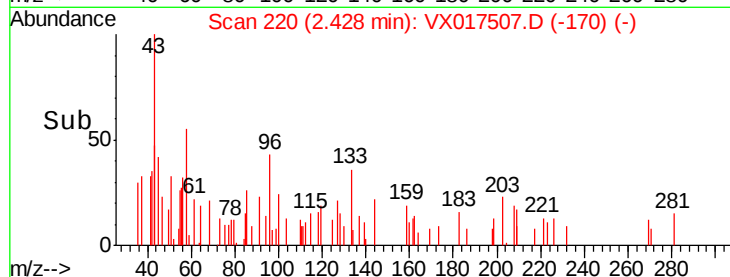
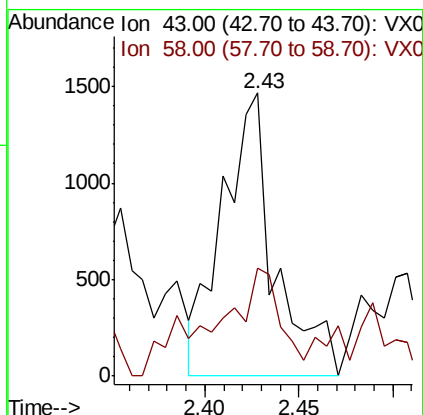
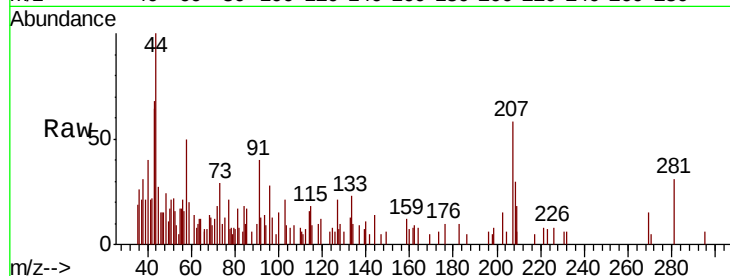




#16  
Acetone  
Concen: 0.985 ug/l  
RT: 2.43 min Scan# 220  
Delta R.T. 0.01 min  
Lab File: VX017507.D  
Acq: 23 Jul 2020 22:03

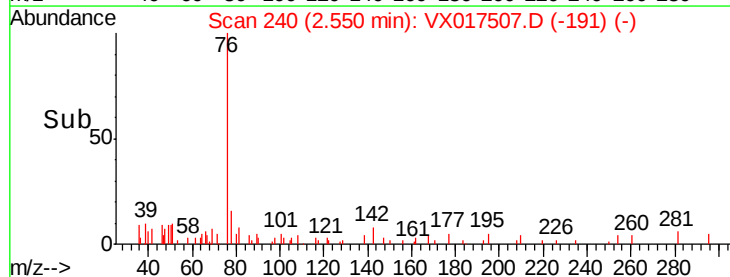
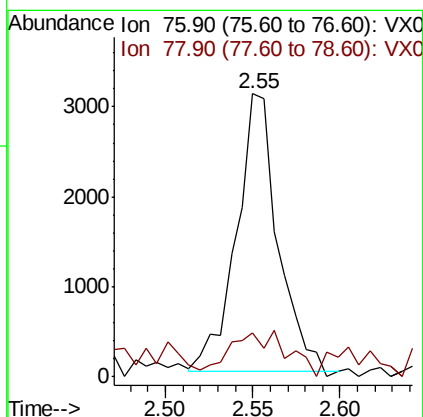
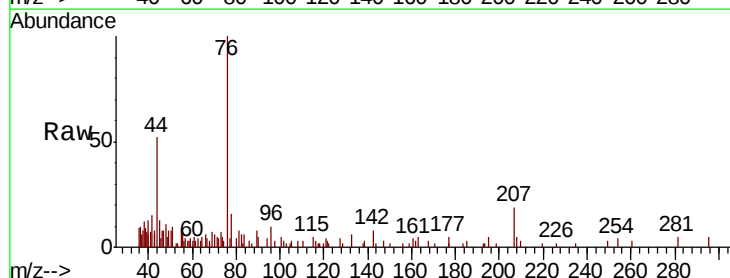
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0723WBL02

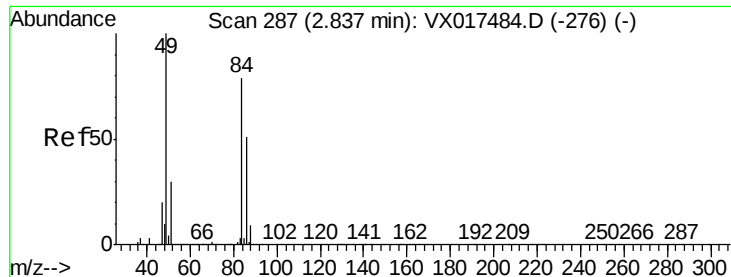
Tot Ion: 43 Resp: 2820  
Ion Ratio Lower Upper  
43 100  
58 24.8 24.2 36.4



#17  
Carbon Disulfide  
Concen: 0.318 ug/l  
RT: 2.55 min Scan# 240  
Delta R.T. -0.00 min  
Lab File: VX017507.D  
Acq: 23 Jul 2020 22:03

Tgt Ion: 76 Resp: 5049  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.5 11.3

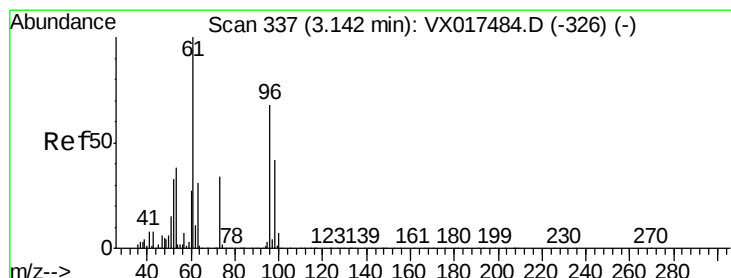
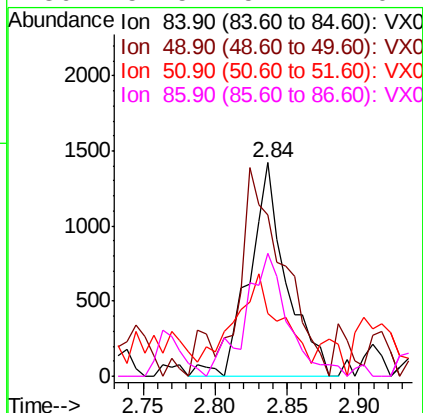
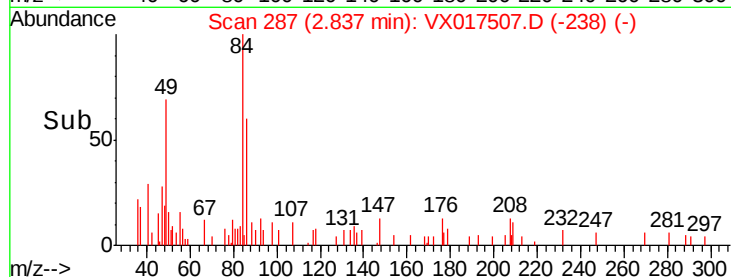
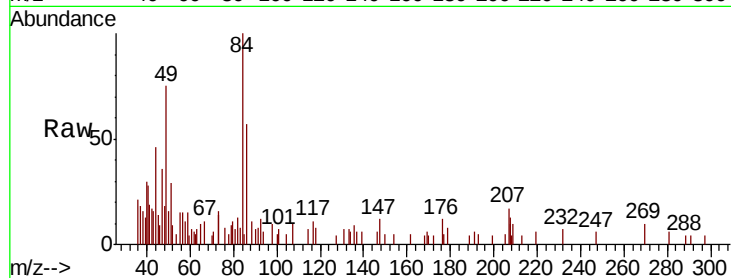




#20  
Methvlene Chloride  
Concen: Below Cal  
RT: 2.84 min Scan# 287  
Delta R.T. 0.00 min  
Lab File: VX017507.D  
Acq: 23 Jul 2020 22:03

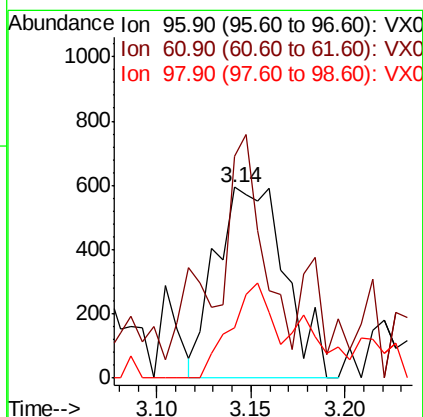
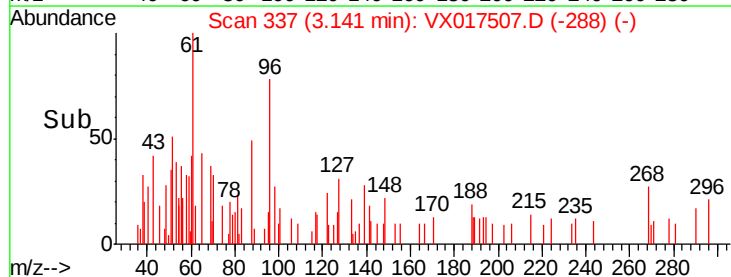
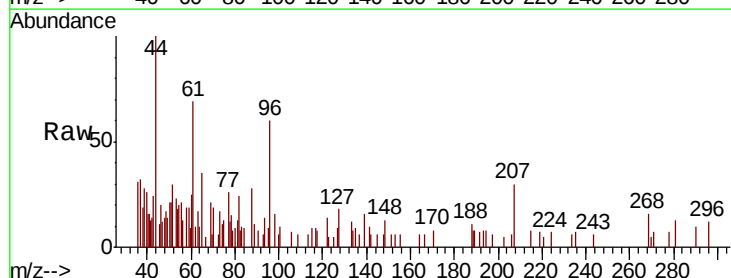
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0723WBL02

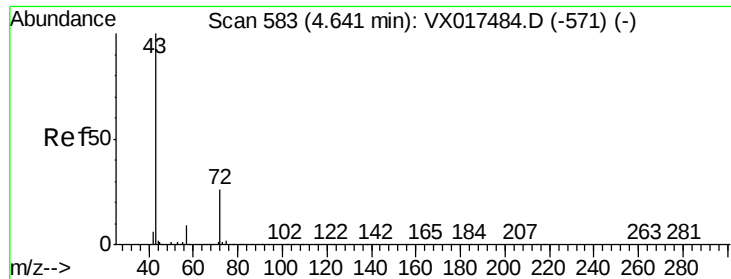
Tot Ion: 84 Resp: 2528  
Ion Ratio Lower Upper  
84 100  
49 75.4 100.3 150.5#  
51 17.9 30.5 45.7#  
86 52.5 51.1 76.7



#21  
trans-1,2-Dichloroethene  
Concen: 0.270 ug/l  
RT: 3.14 min Scan# 337  
Delta R.T. -0.00 min  
Lab File: VX017507.D  
Acq: 23 Jul 2020 22:03

Tgt Ion: 96 Resp: 1512  
Ion Ratio Lower Upper  
96 100  
61 84.7 113.0 169.4#  
98 26.6 51.8 77.8#





#25

2-Butanone

Concen: 0.612 ug/l

RT: 4.66 min Scan# 586

Delta R.T. 0.02 min

Lab File: VX017507.D

Acq: 23 Jul 2020 22:03

Instrument :

MSVOA\_X

ClientSampled :

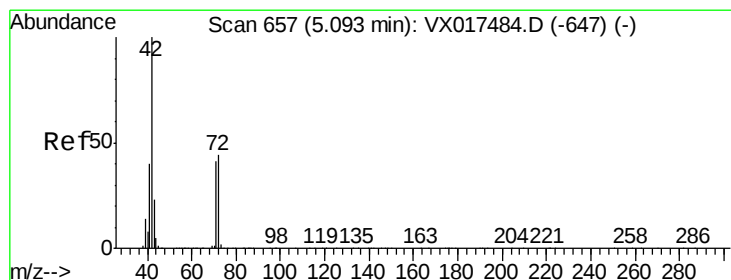
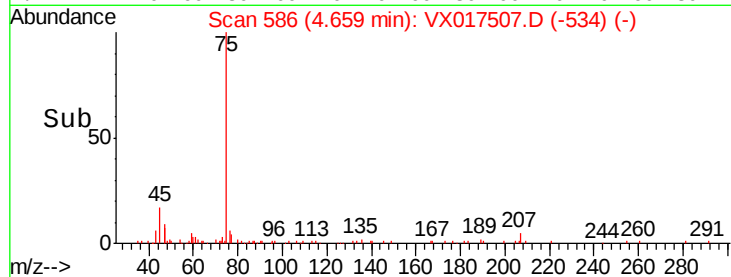
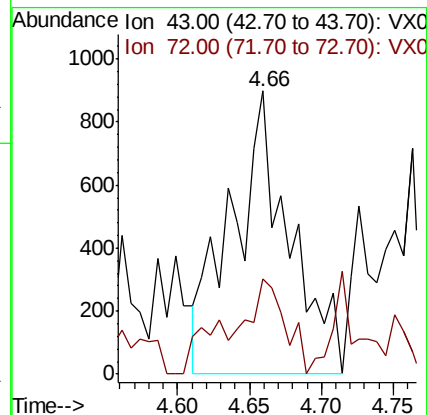
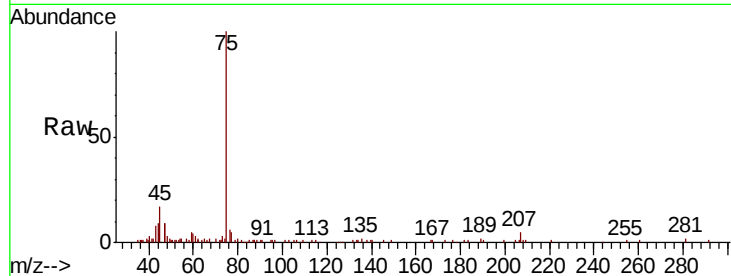
VX0723WBL02

Tot Ion: 43 Resp: 2487

Ion Ratio Lower Upper

43 100

72 20.6 19.0 28.4



#29

Tetrahydrofuran

Concen: 0.208 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX017507.D

Acq: 23 Jul 2020 22:03

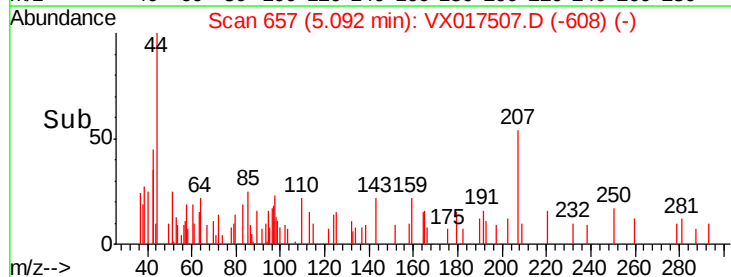
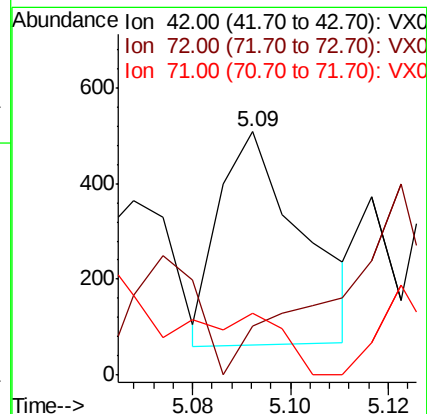
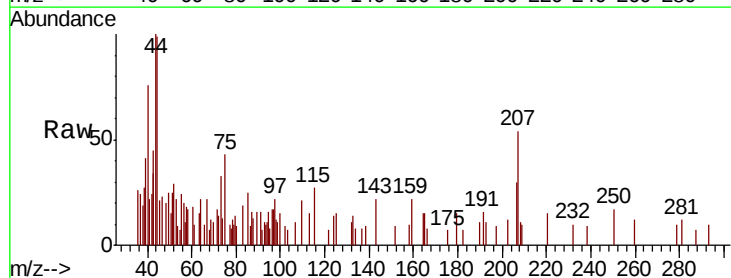
Tgt Ion: 42 Resp: 525

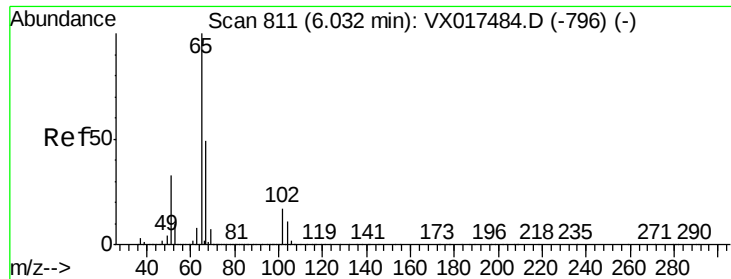
Ion Ratio Lower Upper

42 100

72 0.0 35.5 53.3#

71 0.0 33.0 49.4#





#33

1,2-Dichloroethane-d4

Concen: 54.255 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017507.D

Acq: 23 Jul 2020 22:03

Instrument :

MSVOA\_X

ClientSampleId :

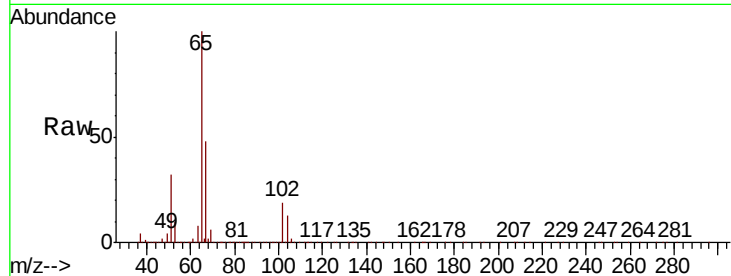
VX0723WBL02

Tot Ion: 65 Resp: 352857

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

150000

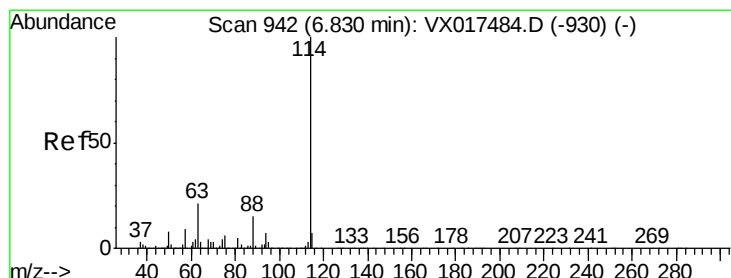
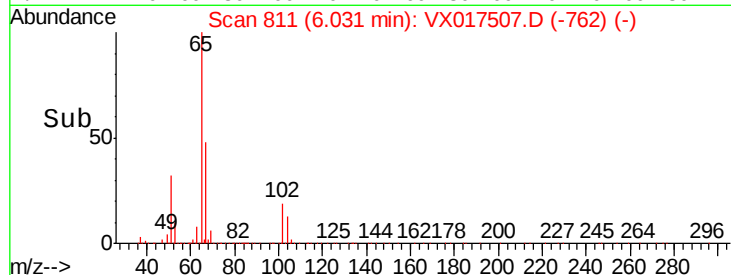
100000

50000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017507.D

Acq: 23 Jul 2020 22:03

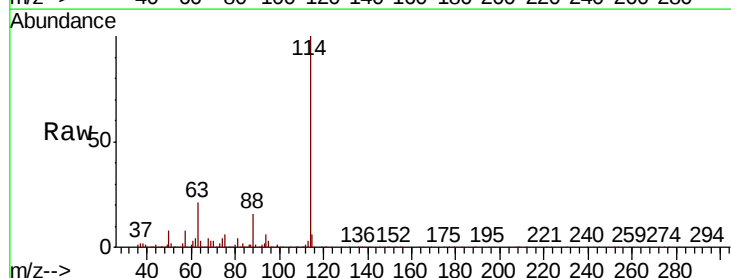
Tgt Ion: 114 Resp: 845991

Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.6

88 16.1 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.84

400000

300000

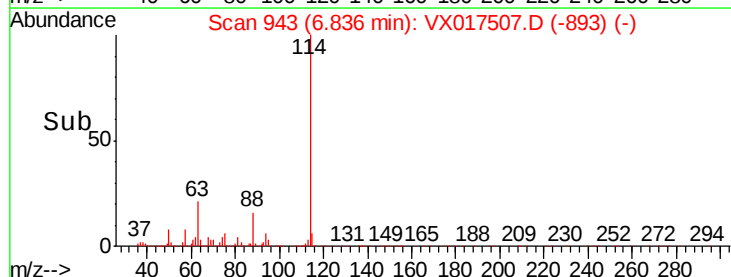
200000

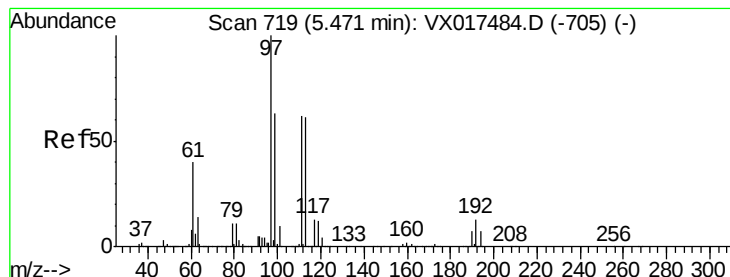
100000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 45.970 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017507.D

Acq: 23 Jul 2020 22:03

Instrument :

MSVOA\_X

ClientSampleId :

VX0723WBL02

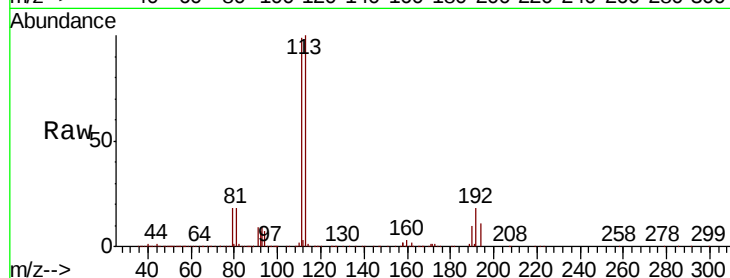
Tot Ion:113 Resp: 260097

Ion Ratio Lower Upper

113 100

111 101.2 80.7 121.1

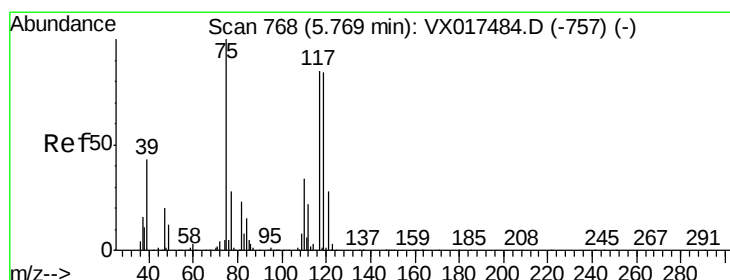
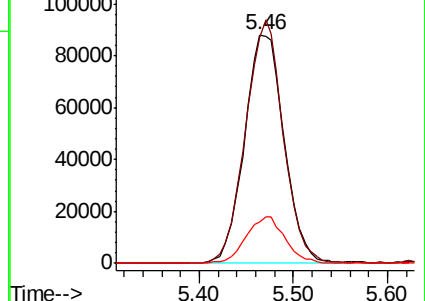
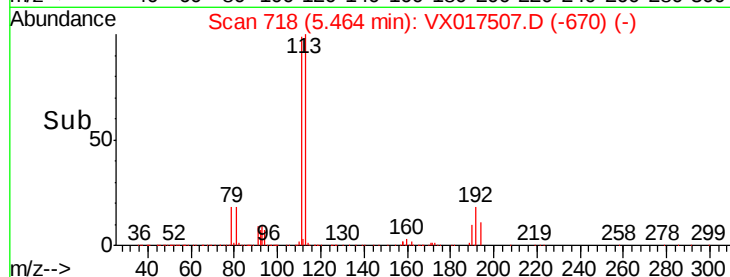
192 20.2 16.9 25.3



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: 4.596 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.13 min

Lab File: VX017507.D

Acq: 23 Jul 2020 22:03

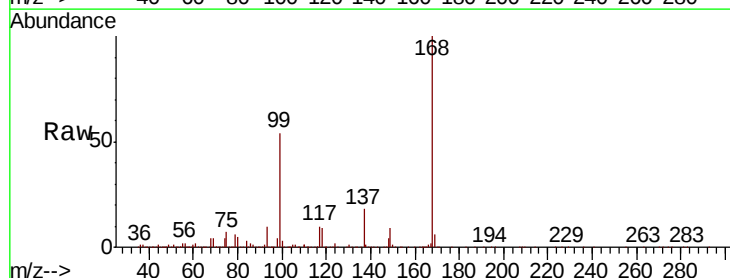
Tgt Ion: 75 Resp: 37292

Ion Ratio Lower Upper

75 100

110 12.5 18.1 54.3#

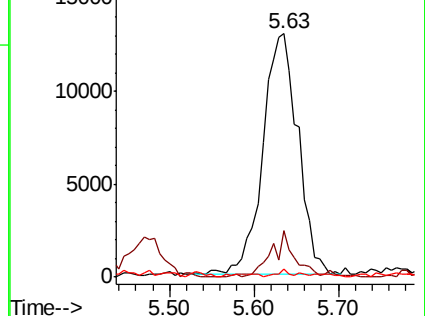
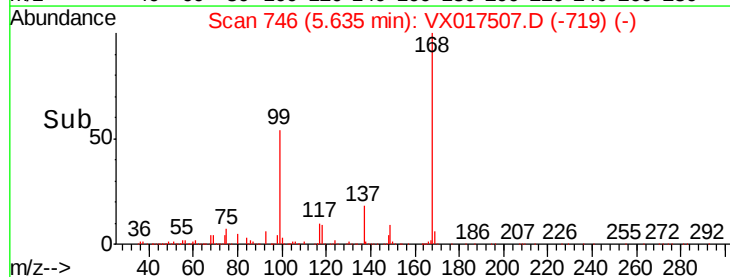
77 1.0 24.6 37.0#

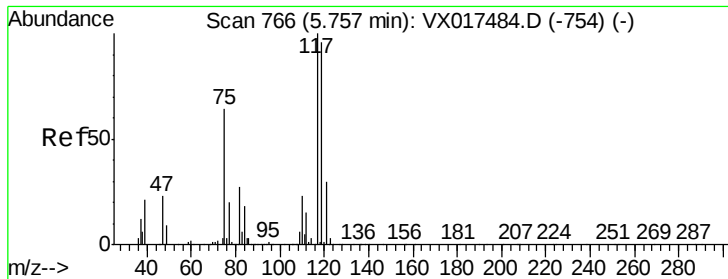


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.119 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.12 min

Lab File: VX017507.D

Acq: 23 Jul 2020 22:03

Instrument :

MSVOA\_X

ClientSampleId :

VX0723WBL02

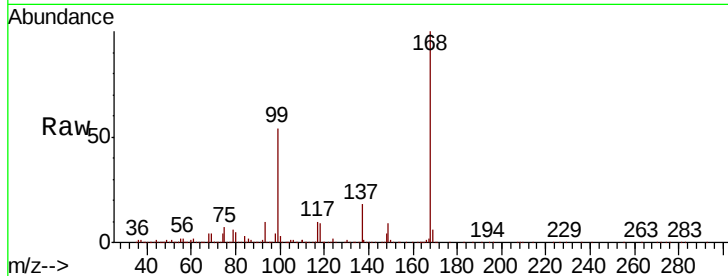
Tot Ion:117 Resp: 50439

Ion Ratio Lower Upper

117 100

119 4.0 75.4 113.0#

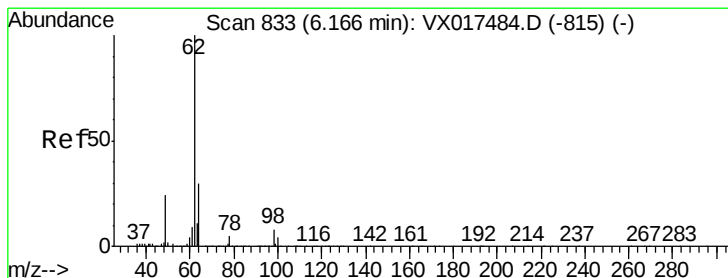
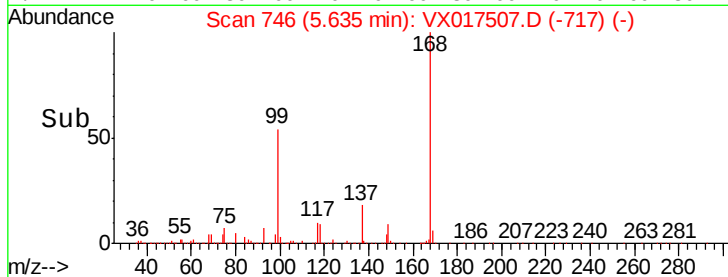
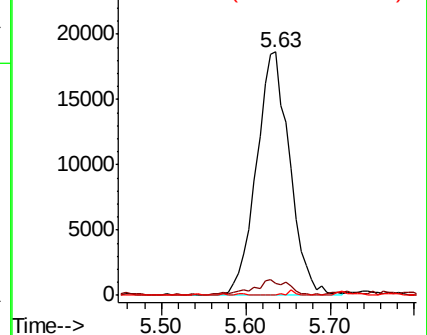
121 0.4 24.3 36.5#



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



#42

1,2-Dichloroethane

Concen: 0.216 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX017507.D

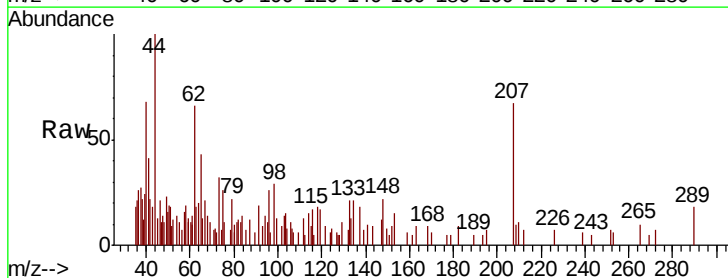
Acq: 23 Jul 2020 22:03

Tgt Ion: 62 Resp: 2053

Ion Ratio Lower Upper

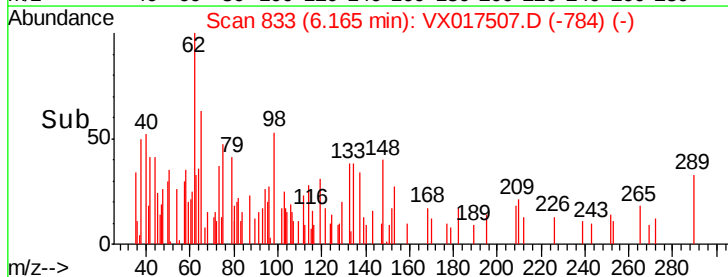
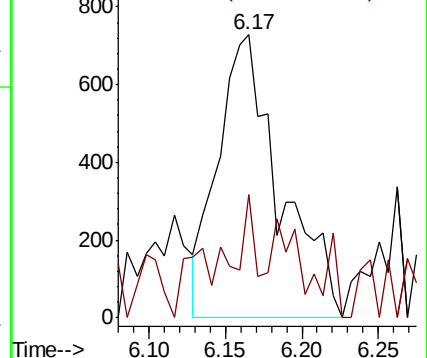
62 100

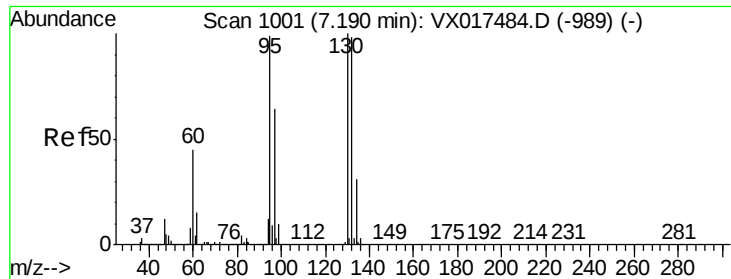
98 11.8 0.0 16.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#44

Trichloroethene

Concen: 0.209 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX017507.D

Acq: 23 Jul 2020 22:03

Instrument :

MSVOA\_X

ClientSampleId :

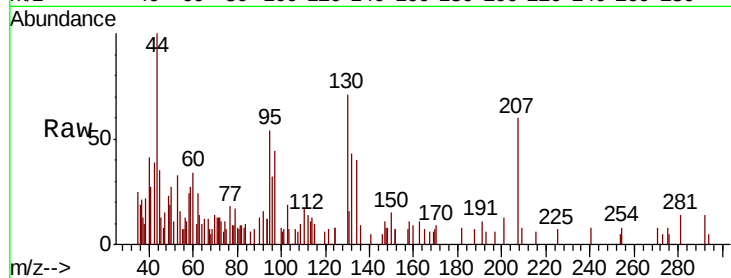
VX0723WBL02

Tot Ion:130 Resp: 1421

Ion Ratio Lower Upper

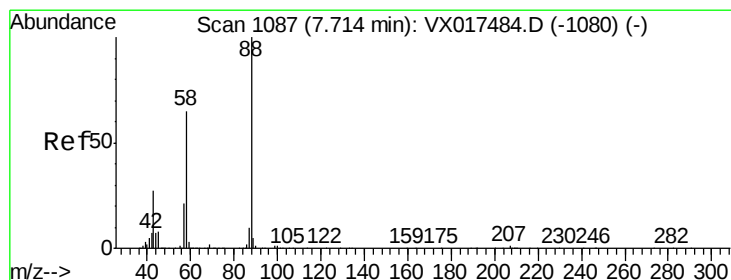
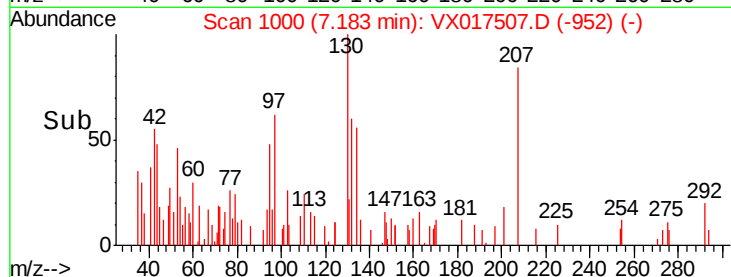
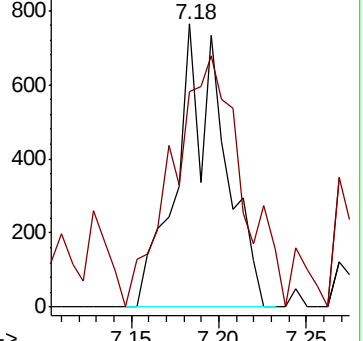
130 100

95 76.1 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 1.207 ug/l

RT: 7.73 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX017507.D

Acq: 23 Jul 2020 22:03

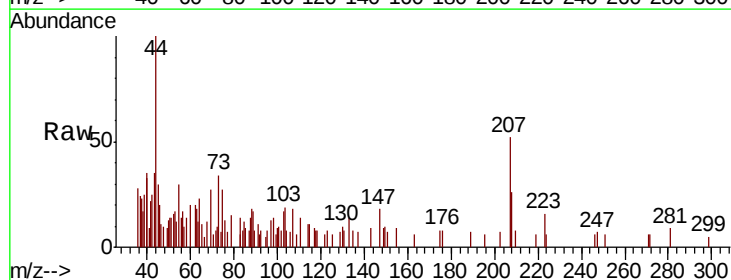
Tgt Ion: 88 Resp: 168

Ion Ratio Lower Upper

88 100

43 122.0 27.8 41.6#

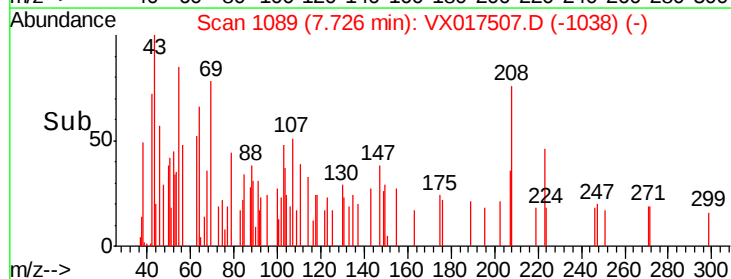
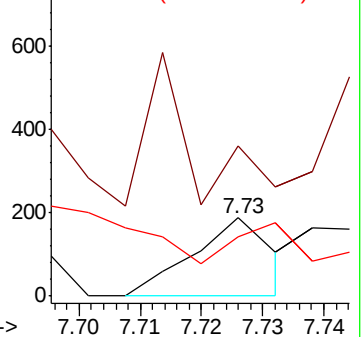
58 71.4 58.3 87.5

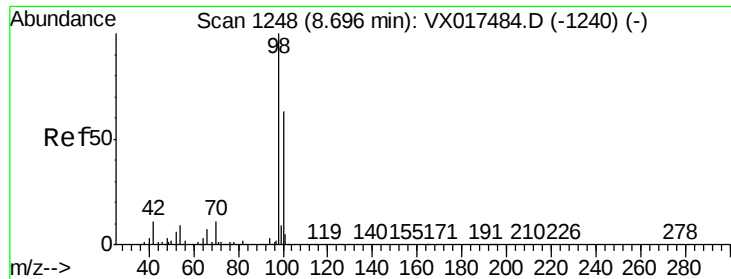


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 46.290 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017507.D

Acq: 23 Jul 2020 22:03

Instrument :

MSVOA\_X

ClientSampleId :

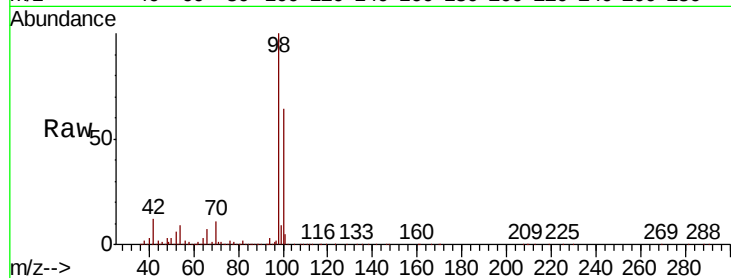
VX0723WBL02

Tot Ion: 98 Resp: 944839

Ion Ratio Lower Upper

98 100

100 64.1 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

600000

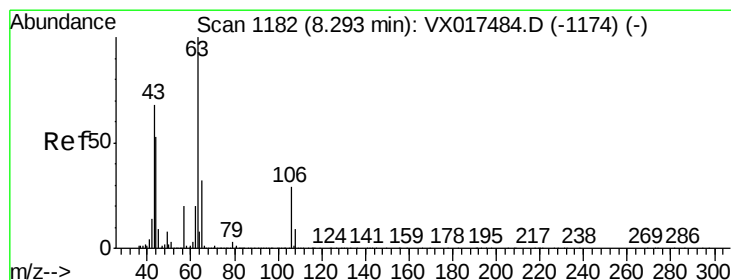
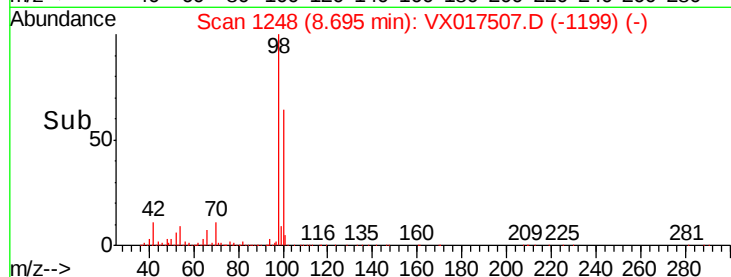
400000

200000

0

8.60 8.70 8.80

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 0.242 ug/l

RT: 8.30 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VX017507.D

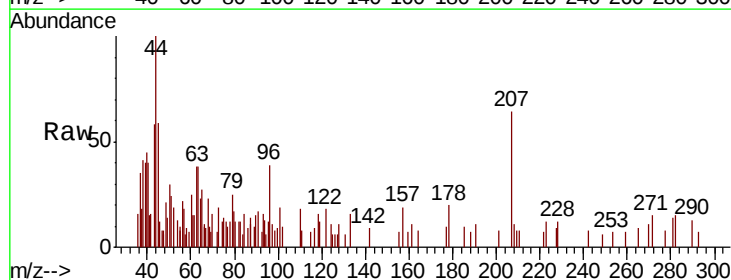
Acq: 23 Jul 2020 22:03

Tgt Ion: 63 Resp: 1195

Ion Ratio Lower Upper

63 100

106 10.9 22.6 34.0#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

600

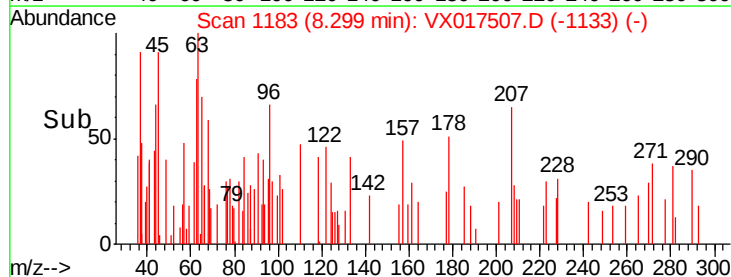
400

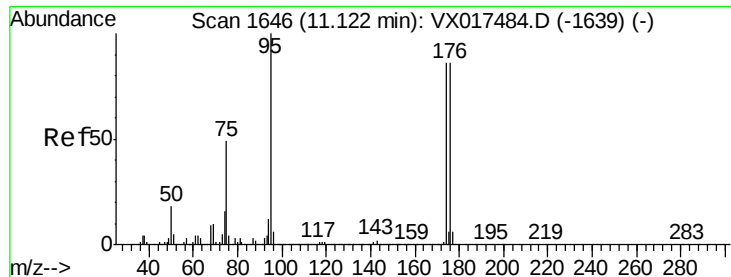
200

0

8.25 8.30 8.35

Time-->





#62

4-Bromofluorobenzene

Concen: 50.977 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017507.D

Acq: 23 Jul 2020 22:03

Instrument :

MSVOA\_X

ClientSampleId :

VX0723WBL02

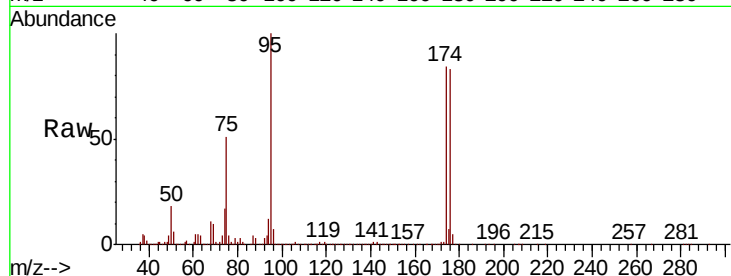
Tot Ion: 95 Resp: 416411

Ion Ratio Lower Upper

95 100

174 83.7 0.0 169.0

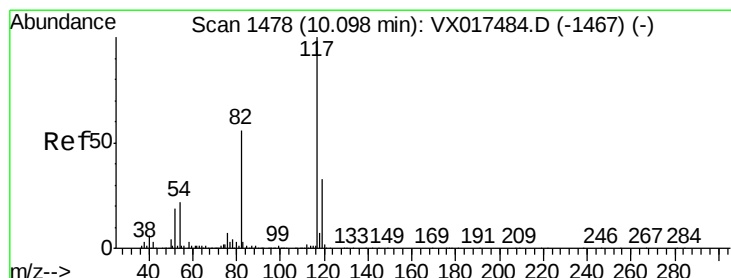
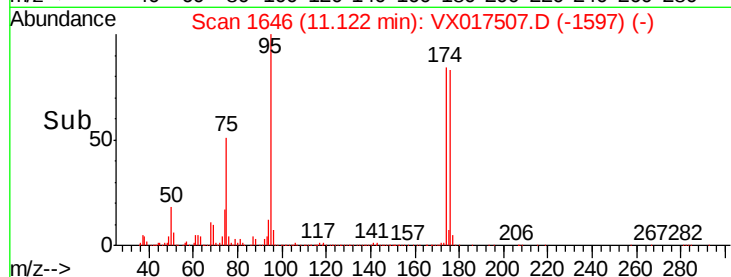
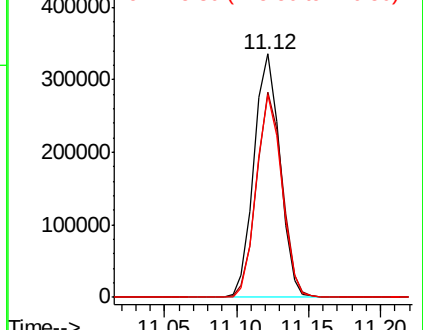
176 81.5 0.0 161.0



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: VX017507.D

Acq: 23 Jul 2020 22:03

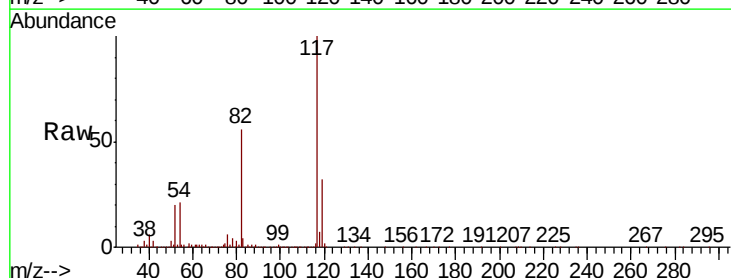
Tgt Ion: 117 Resp: 787045

Ion Ratio Lower Upper

117 100

82 55.8 44.0 66.0

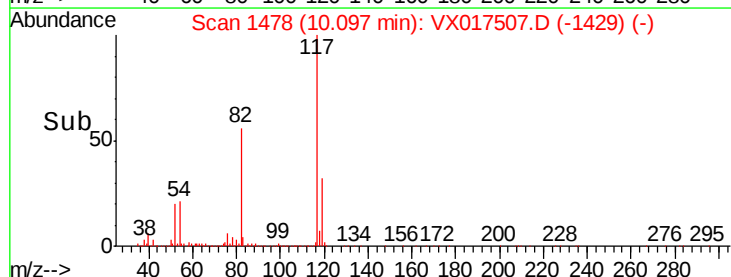
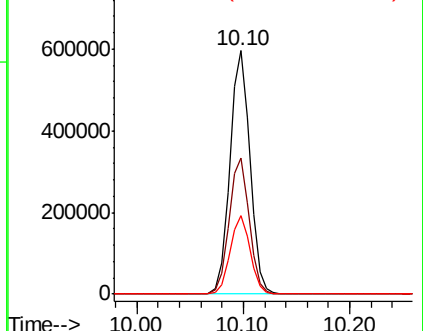
119 32.2 25.4 38.0

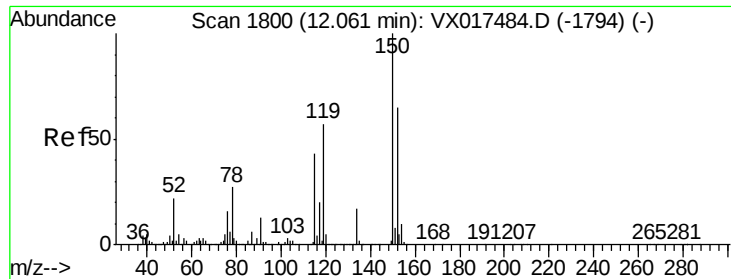


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX017507.D

Acq: 23 Jul 2020 22:03

Instrument :

MSVOA\_X

ClientSampleId :

VX0723WBL02

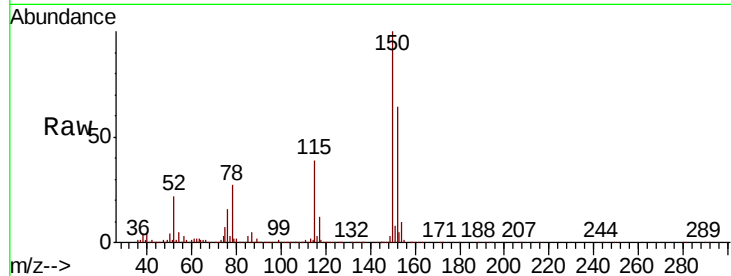
Tot Ion:152 Resp: 436416

Ion Ratio Lower Upper

152 100

115 59.5 65.5 196.6#

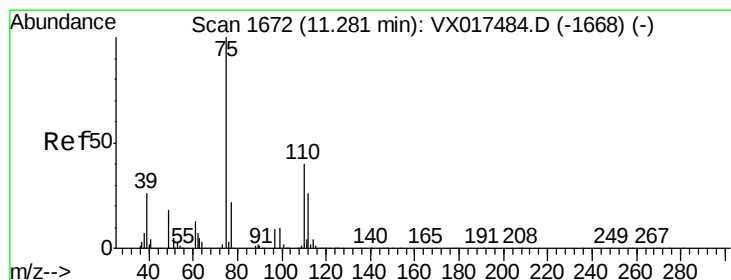
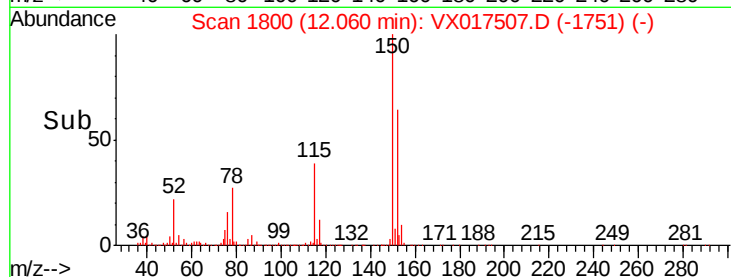
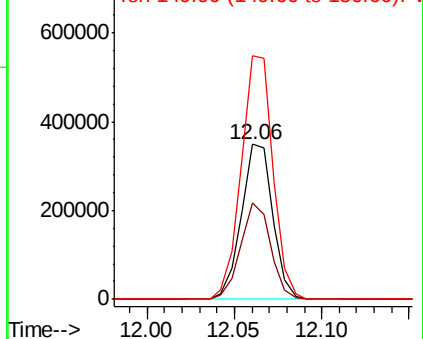
150 158.4 0.0 412.6



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: 23.657 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017507.D

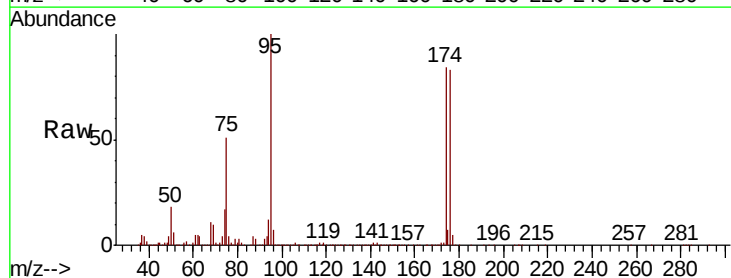
Acq: 23 Jul 2020 22:03

Tgt Ion: 75 Resp: 212379

Ion Ratio Lower Upper

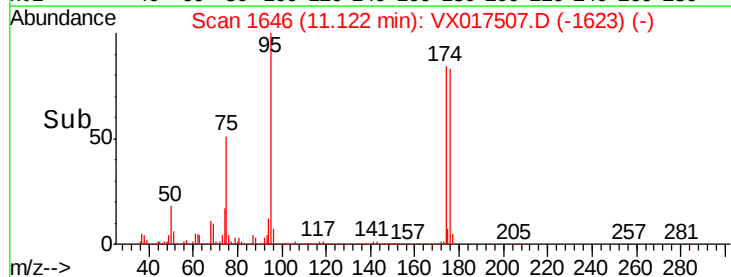
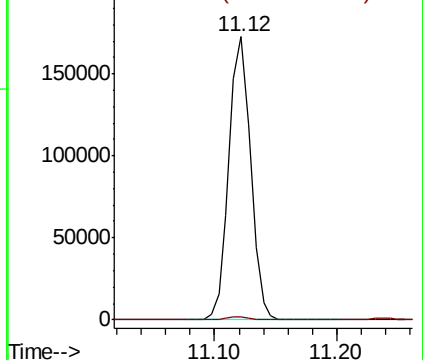
75 100

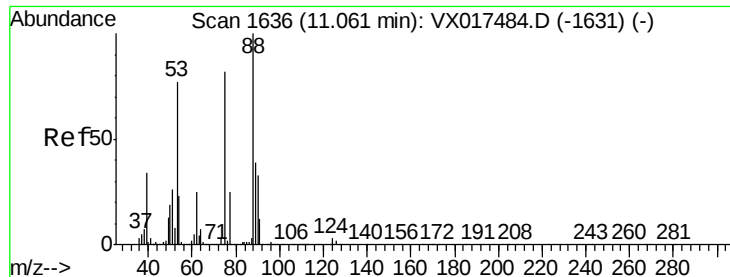
77 1.2 21.8 65.3#



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: 59.611 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX017507.D

Acq: 23 Jul 2020 22:03

Instrument :

MSVOA\_X

ClientSampleId :

VX0723WBL02

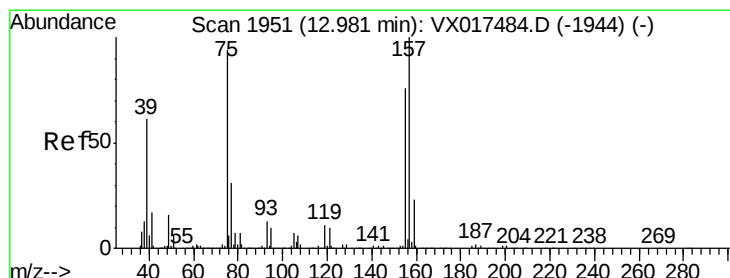
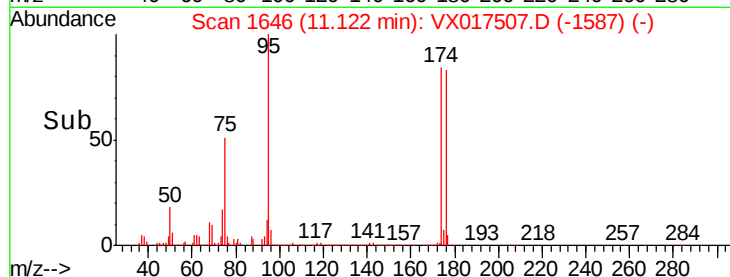
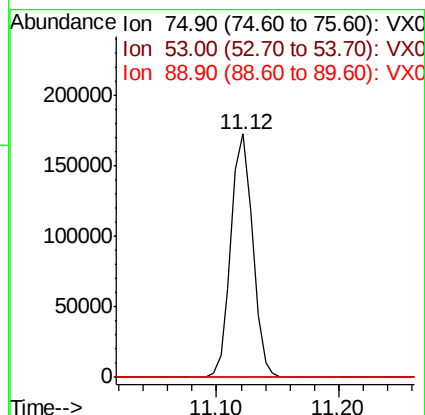
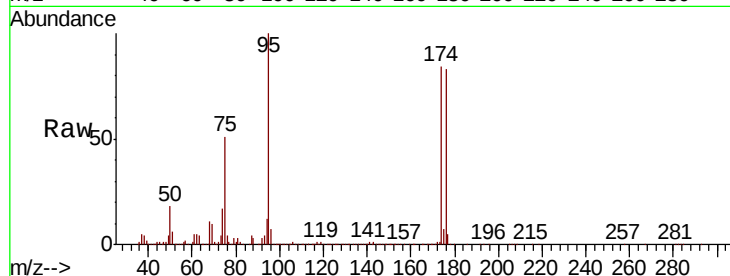
Tot Ion: 75 Resp: 212379

Ion Ratio Lower Upper

75 100

53 0.0 75.9 113.9#

89 0.0 37.8 56.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.731 ug/l

RT: 12.99 min Scan# 1952

Delta R.T. 0.01 min

Lab File: VX017507.D

Acq: 23 Jul 2020 22:03

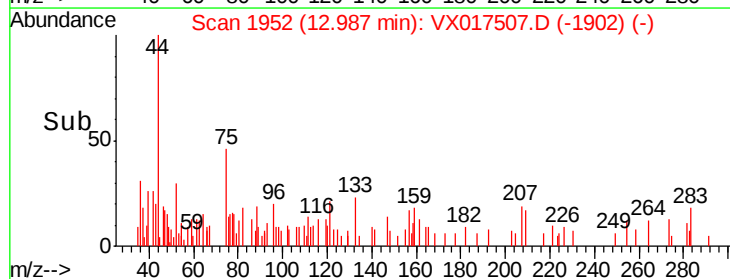
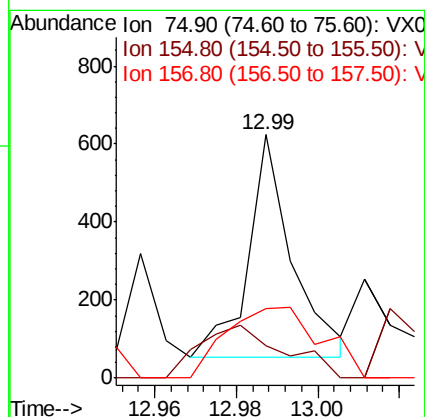
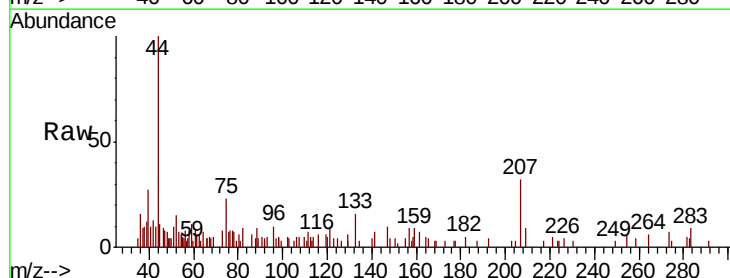
Tgt Ion: 75 Resp: 430

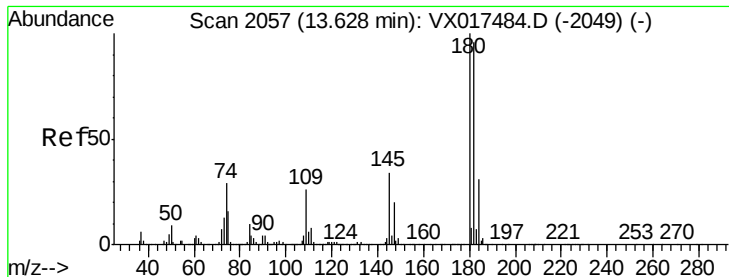
Ion Ratio Lower Upper

75 100

155 45.6 42.3 126.8

157 67.7 54.3 162.9





#93

1,2,4-Trichlorobenzene

Concen: 0.290 ug/l

RT: 13.63 min Scan# 2058

Delta R.T. 0.01 min

Lab File: VX017507.D

Acq: 23 Jul 2020 22:03

Instrument :

MSVOA\_X

ClientSampleId :

VX0723WBL02

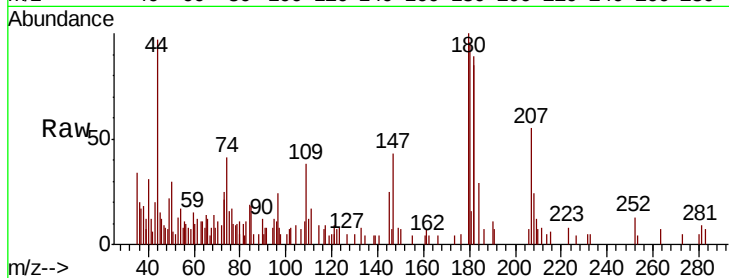
Tot Ion:180 Resp: 2798

Ion Ratio Lower Upper

180 100

182 85.5 47.5 142.6

145 30.6 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

3000

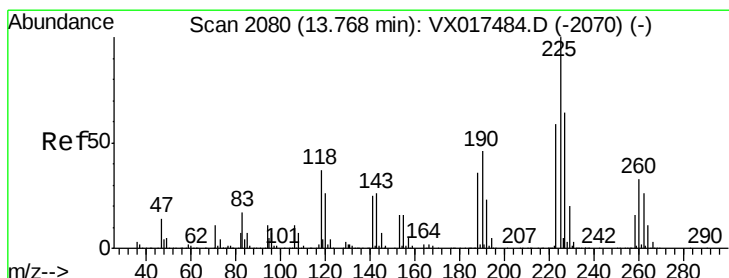
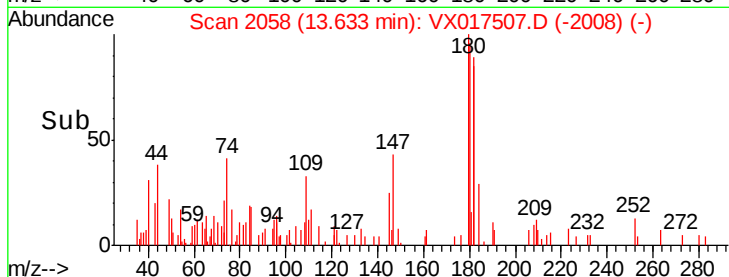
2000

1000

0

13.63

Time-->



#94

Hexachlorobutadiene

Concen: 0.311 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX017507.D

Acq: 23 Jul 2020 22:03

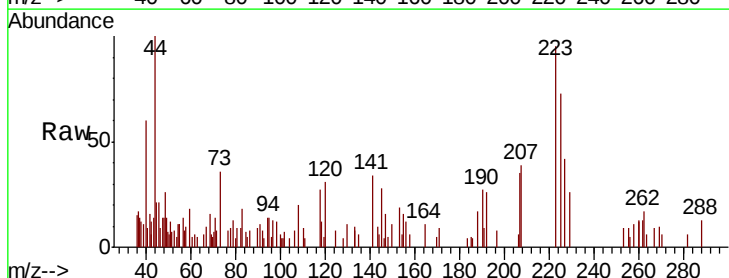
Tgt Ion:225 Resp: 1381

Ion Ratio Lower Upper

225 100

223 100.6 30.3 90.9#

227 59.7 31.1 93.2



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

1500

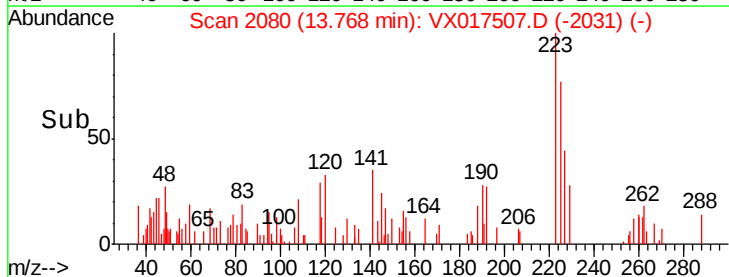
1000

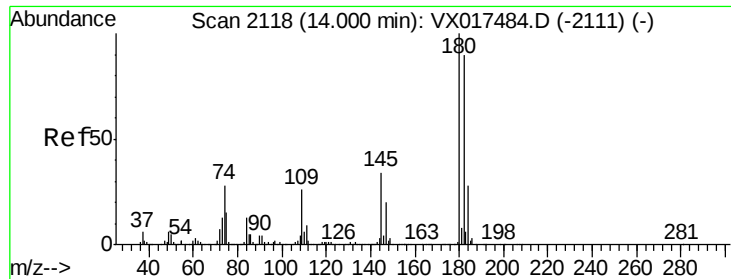
500

0

13.77

Time-->

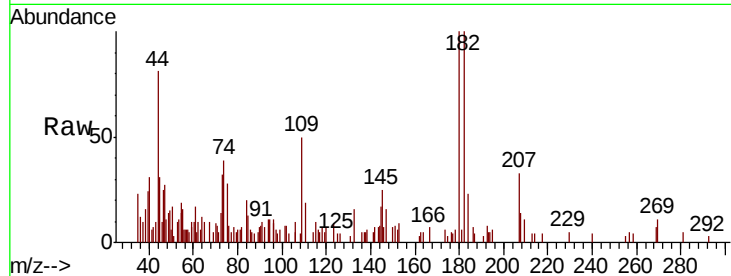




#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.213 ug/l  
 RT: 14.00 min Scan# 2118  
 Delta R.T. -0.00 min  
 Lab File: VX017507.D  
 Acq: 23 Jul 2020 22:03

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0723WBL02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 108.4 | 47.4  | 142.3 |
| 145     | 42.6  | 16.3  | 48.9  |



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

