

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051419\  
 Data File : VF062601.D  
 Acq On : 15 May 2019 1:21  
 Operator : FY/SY  
 Sample : K2756-20RE  
 Misc : 5.75u/5mL/MSVOA F/SOIL  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 P021-SS008-0206-02RE

Quant Time: May 15 05:20:26 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F051419S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 15 05:06:28 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.08  | 168  | 49570    | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.80  | 114  | 50280    | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.93  | 117  | 22189    | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.62 | 152  | 1202     | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |        |       |
|-----------------------------|--------|-----|----------|-------|--------|-------|
| System Monitoring Compounds |        |     |          |       |        |       |
| 33) 1,2-Dichloroethane-d4   | 5.04   | 65  | 4232     | 11.30 | ug/l   | -0.02 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 22.60% |       |
| 35) Dibromofluoromethane    | 4.32   | 113 | 9557     | 25.54 | ug/l   | -0.01 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 51.08% |       |
| 50) Toluene-d8              | 7.73   | 98  | 29971    | 33.99 | ug/l   | 0.00  |
| Spiked Amount               | 50.000 |     | Recovery | =     | 67.98% |       |
| 62) 4-Bromofluorobenzene    | 11.52  | 95  | 2782     | 9.03  | ug/l   | 0.00  |
| Spiked Amount               | 50.000 |     | Recovery | =     | 18.06% |       |

| Target Compounds              | R.T. | QIon | Response | Conc      | Units  | Qvalue |
|-------------------------------|------|------|----------|-----------|--------|--------|
| 2) Dichlorodifluoromethane    | 0.98 | 85   | 843      | Below Cal | #      | 45     |
| 3) Chloromethane              | 1.01 | 50   | 889      | 1.573     | ug/l   | 99     |
| 5) Bromomethane               | 1.29 | 94   | 252      | 1.163     | ug/l   | 88     |
| 6) Chloroethane               | 1.45 | 64   | 1017     | 4.760     | ug/l # | 72     |
| 8) Diethyl Ether              | 1.70 | 74   | 499      | 2.888     | ug/l   | 76     |
| 11) Tert butyl alcohol        | 2.69 | 59   | 138      | 6.121     | ug/l # | 73     |
| 12) 1,1-Dichloroethene        | 1.88 | 96   | 805      | 1.787     | ug/l # | 3      |
| 13) Acrolein                  | 2.11 | 56   | 122      | 8.165     | ug/l # | 72     |
| 14) Allyl chloride            | 2.19 | 41   | 1454     | 3.155     | ug/l # | 34     |
| 15) Acrylonitrile             | 2.98 | 53   | 617      | 7.650     | ug/l   | 84     |
| 16) Acetone                   | 2.22 | 43   | 783      | 10.304    | ug/l   | 93     |
| 17) Carbon Disulfide          | 1.92 | 76   | 192      | Below Cal | #      | 71     |
| 18) Methyl Acetate            | 2.48 | 43   | 1245     | 2.365     | ug/l # | 48     |
| 19) Methyl tert-butyl Ether   | 2.55 | 73   | 1201     | 1.497     | ug/l # | 37     |
| 21) trans-1,2-Dichloroethene  | 2.46 | 96   | 887      | 1.954     | ug/l # | 1      |
| 23) Vinyl Acetate             | 3.39 | 43   | 662      | 1.129     | ug/l # | 75     |
| 25) 2-Butanone                | 4.61 | 43   | 739      | 4.302     | ug/l   | 96     |
| 26) 2,2-Dichloropropane       | 3.72 | 77   | 939      | 2.133     | ug/l   | 88     |
| 29) Tetrahydrofuran           | 4.24 | 42   | 1728     | 23.770    | ug/l # | 34     |
| 37) Ethyl Acetate             | 4.30 | 43   | 759      | 4.245     | ug/l # | 2      |
| 41) Methacrylonitrile         | 4.94 | 41   | 708      | 6.993     | ug/l # | 54     |
| 43) Isopropyl Acetate         | 7.11 | 43   | 516      | 2.439     | ug/l # | 40     |
| 46) Dibromomethane            | 6.30 | 93   | 611      | 3.508     | ug/l # | 41     |
| 48) Methyl methacrylate       | 6.89 | 41   | 440      | 3.799     | ug/l # | 63     |
| 49) 1,4-Dioxane               | 6.92 | 88   | 336      | 220.177   | ug/l # | 16     |
| 51) 4-Methyl-2-Pentanone      | 8.42 | 43   | 804      | 5.186     | ug/l # | 77     |
| 53) t-1,3-Dichloropropene     | 8.42 | 75   | 548      | 1.852     | ug/l # | 85     |
| 54) cis-1,3-Dichloropropene   | 7.46 | 75   | 444      | 1.062     | ug/l # | 1      |
| 55) 1,1,2-Trichloroethane     | 8.67 | 97   | 248      | 1.333     | ug/l # | 29     |
| 57) 1,3-Dichloropropane       | 9.03 | 76   | 318      | 1.036     | ug/l # | 53     |
| 58) 2-Chloroethyl Vinyl ether | 7.45 | 63   | 122      | 1.912     | ug/l # | 53     |
| 59) 2-Hexanone                | 9.50 | 43   | 568      | 5.548     | ug/l   | 86     |
| 60) Dibromochloromethane      | 8.71 | 129  | 259      | 1.096     | ug/l   | 61     |
| 64) Tetrachloroethene         | 8.28 | 164  | 162      | 1.105     | ug/l # | 23     |

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 Sample : K2756-20RE  
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 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
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 P021-SS008-0206-02RE

Quant Time: May 15 05:20:26 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F051419S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 15 05:06:28 2019  
 Response via : Initial Calibration

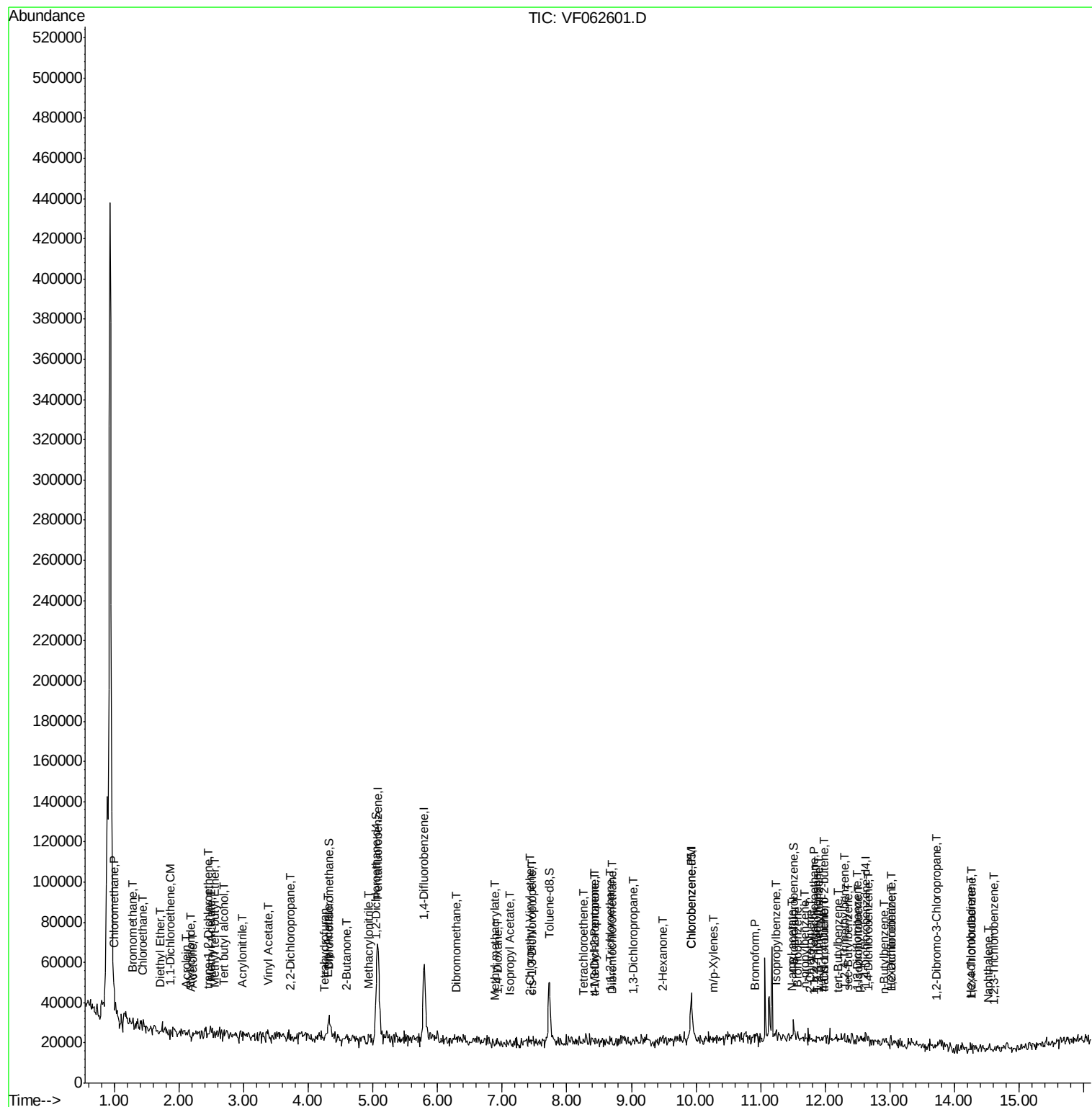
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 65) Chlorobenzene              | 9.94  | 112  | 562      | 1.457  | ug/l # | 40       |
| 68) m/p-Xylenes                | 10.28 | 106  | 550      | 2.264  | ug/l # | 24       |
| 71) Bromoform                  | 10.92 | 173  | 92       | 1.233  | ug/l # | 29       |
| 73) Isopropylbenzene           | 11.23 | 105  | 297      | 3.675  | ug/l # | 48       |
| 74) N-amyl acetate             | 11.48 | 43   | 533      | 27.161 | ug/l # | 44       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.82 | 83   | 156      | 9.422  | ug/l # | 25       |
| 76) 1,2,3-Trichloropropane     | 11.88 | 75   | 225      | 21.198 | ug/l # | 14       |
| 77) Bromobenzene               | 11.56 | 156  | 84       | 4.599  | ug/l # | 19       |
| 78) n-propylbenzene            | 11.69 | 91   | 209      | 2.174  | ug/l # | 1        |
| 79) 2-Chlorotoluene            | 11.77 | 91   | 563      | 10.612 | ug/l # | 41       |
| 80) 1,3,5-Trimethylbenzene     | 11.91 | 105  | 225      | 3.557  | ug/l # | 26       |
| 81) trans-1,4-Dichloro-2-buten | 11.97 | 75   | 184      | 40.670 | ug/l # | 40       |
| 82) 4-Chlorotoluene            | 11.98 | 91   | 353      | 6.805  | ug/l # | 40       |
| 83) tert-Butylbenzene          | 12.21 | 119  | 385      | 5.818  | ug/l # | 81       |
| 84) 1,2,4-Trimethylbenzene     | 12.29 | 105  | 129      | 2.076  | ug/l # | 27       |
| 85) sec-Butylbenzene           | 12.35 | 105  | 174      | 1.937  | ug/l # | 59       |
| 86) p-Isopropyltoluene         | 12.51 | 119  | 344      | 4.651  | ug/l # | 51       |
| 87) 1,3-Dichlorobenzene        | 12.50 | 146  | 154      | 4.311  | ug/l # | 23       |
| 88) 1,4-Dichlorobenzene        | 12.67 | 146  | 174      | 5.193  | ug/l # | 72       |
| 89) n-Butylbenzene             | 12.92 | 91   | 138      | 1.833  | ug/l # | 79       |
| 90) Hexachloroethane           | 13.01 | 117  | 95       | 5.015  | ug/l # | 21       |
| 91) 1,2-Dichlorobenzene        | 13.02 | 146  | 81       | 2.556  | ug/l # | 33       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.72 | 75   | 134      | 65.888 | ug/l # | 1        |
| 93) 1,2,4-Trichlorobenzene     | 14.27 | 180  | 95       | 4.311  | ug/l # | 12       |
| 94) Hexachlorobutadiene        | 14.25 | 225  | 99       | 6.184  | ug/l # | 19       |
| 95) Naphthalene                | 14.52 | 128  | 135      | 3.764  | ug/l # | 70       |
| 96) 1,2,3-Trichlorobenzene     | 14.60 | 180  | 98       | 4.794  | ug/l # | 12       |

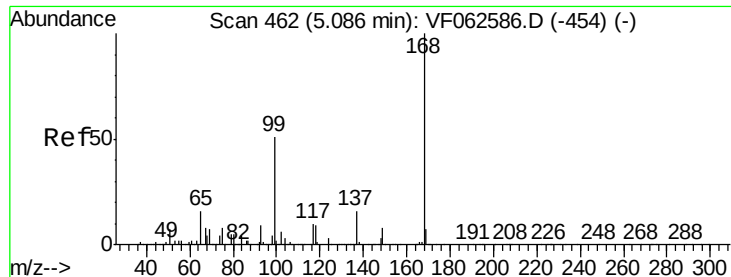
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. -0.00 min

Lab File: VF062601.D

Acq: 15 May 2019 1:21

Instrument :

MSVOA\_F

ClientSampleId :

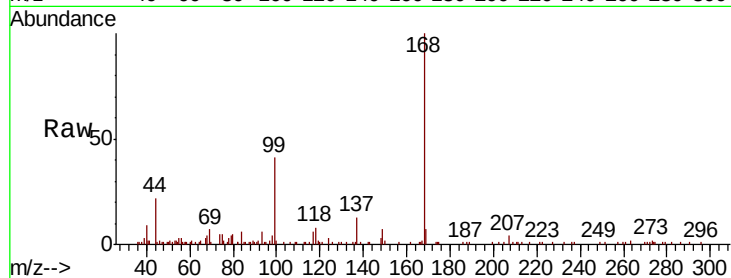
P021-SS008-0206-02RE

Tot Ion:168 Resp: 49570

Ion Ratio Lower Upper

168 100

99 40.8 41.0 61.6#



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.08

15000

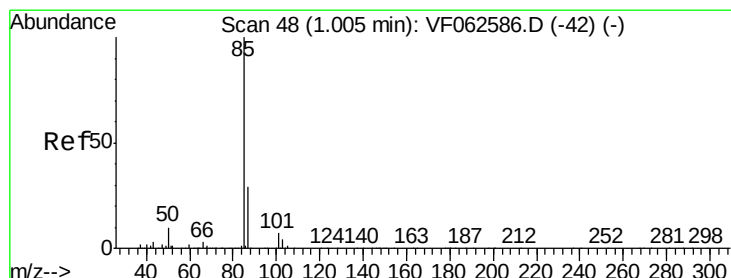
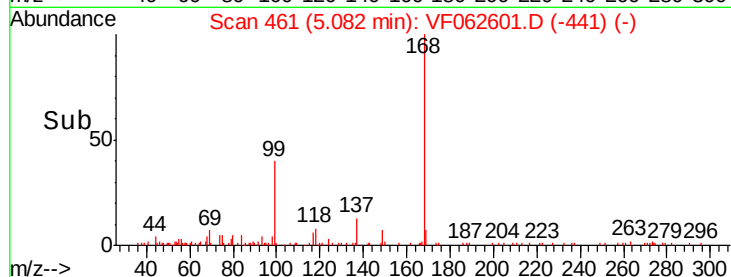
10000

5000

0

Time-->

5.00 5.10 5.20



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 0.98 min Scan# 45

Delta R.T. -0.02 min

Lab File: VF062601.D

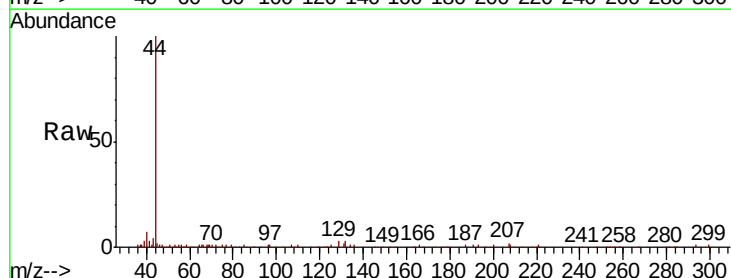
Acq: 15 May 2019 1:21

Tgt Ion: 85 Resp: 843

Ion Ratio Lower Upper

85 100

87 0.0 14.6 43.8#



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.98

500

400

300

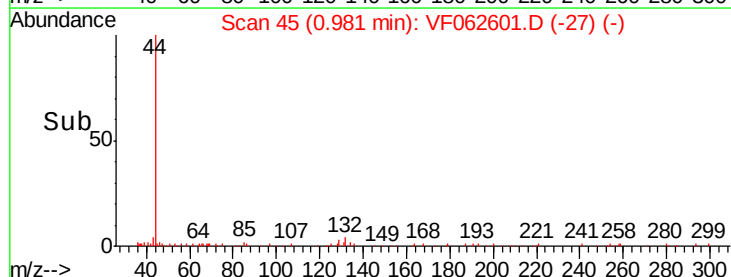
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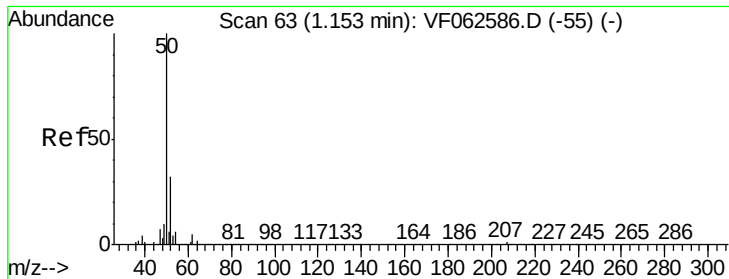
100

0

Time-->

0.95 1.00





#3

Chloromethane

Concen: 1.573 ug/l

RT: 1.01 min Scan# 48

Delta R.T. -0.14 min

Lab File: VF062601.D

Acq: 15 May 2019 1:21

Instrument :

MSVOA\_F

ClientSampleId :

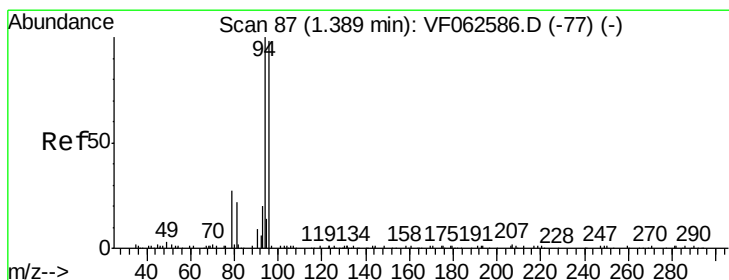
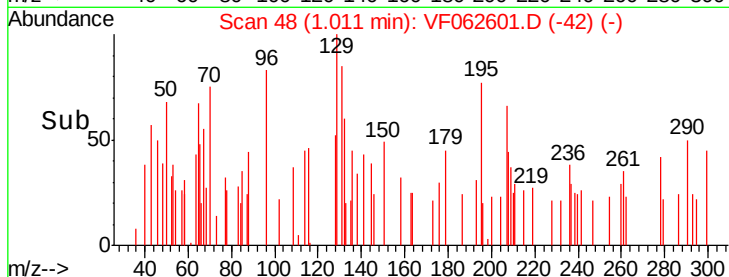
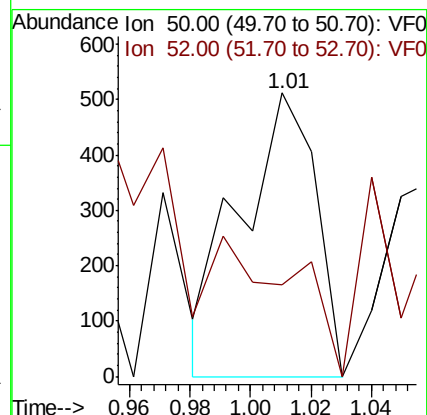
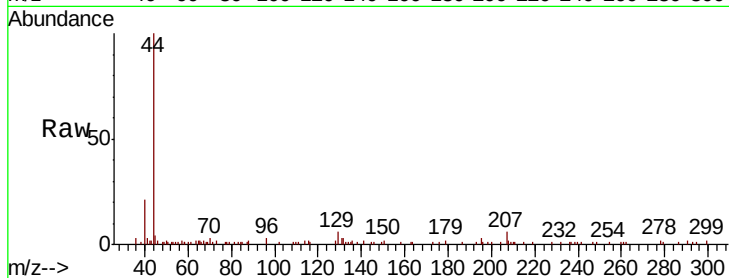
P021-SS008-0206-02RE

Tot Ion: 50 Resp: 889

Ion Ratio Lower Upper

50 100

52 32.2 25.3 37.9



#5

Bromomethane

Concen: 1.163 ug/l

RT: 1.29 min Scan# 76

Delta R.T. -0.10 min

Lab File: VF062601.D

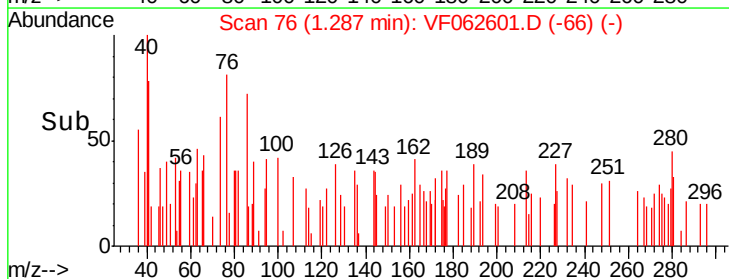
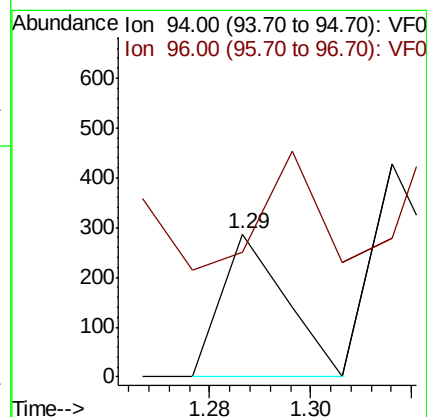
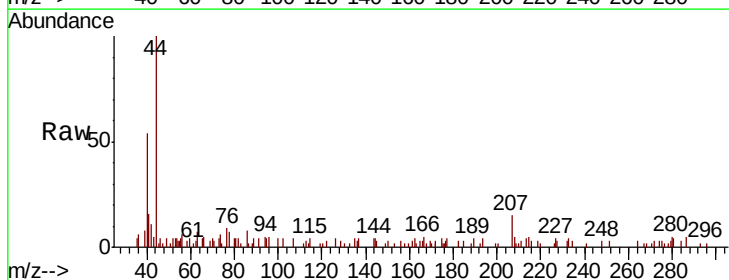
Acq: 15 May 2019 1:21

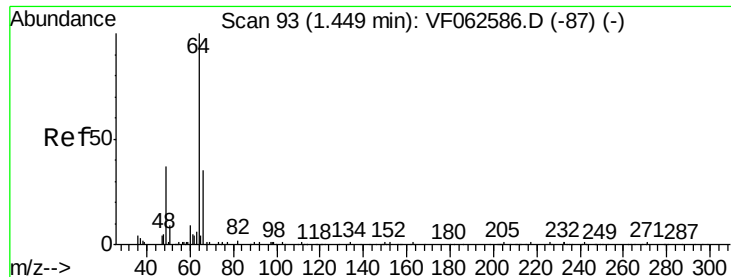
Tgt Ion: 94 Resp: 252

Ion Ratio Lower Upper

94 100

96 87.1 79.3 118.9





#6

Chloroethane

Concen: 4.760 ug/l

RT: 1.45 min Scan# 93

Delta R.T. 0.01 min

Lab File: VF062601.D

Acq: 15 May 2019 1:21

Instrument :

MSVOA\_F

ClientSampleId :

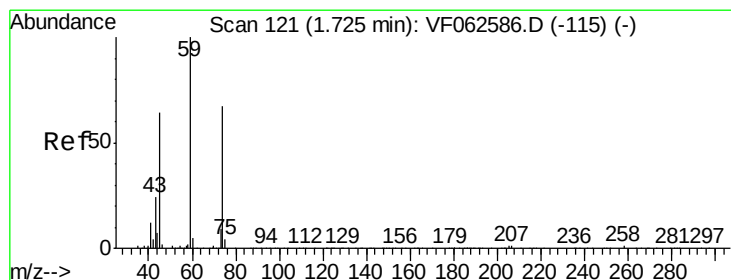
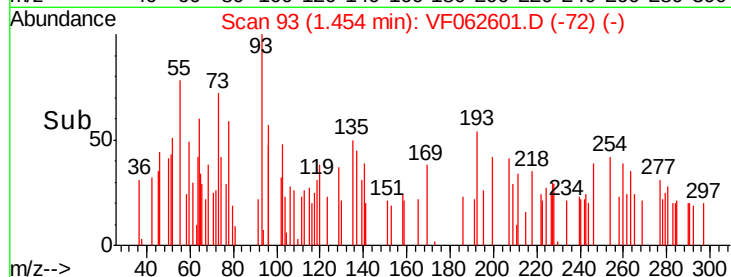
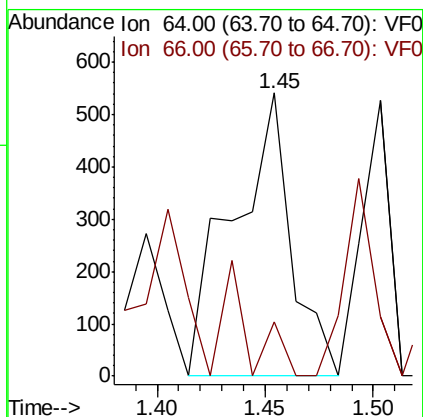
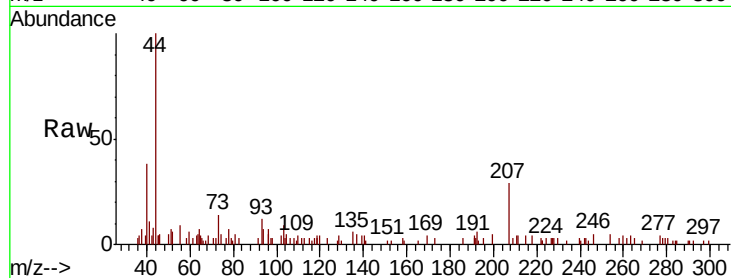
P021-SS008-0206-02RE

Tot Ion: 64 Resp: 1017

Ion Ratio Lower Upper

64 100

66 19.4 28.9 43.3#



#8

Diethyl Ether

Concen: 2.888 ug/l

RT: 1.70 min Scan# 118

Delta R.T. -0.02 min

Lab File: VF062601.D

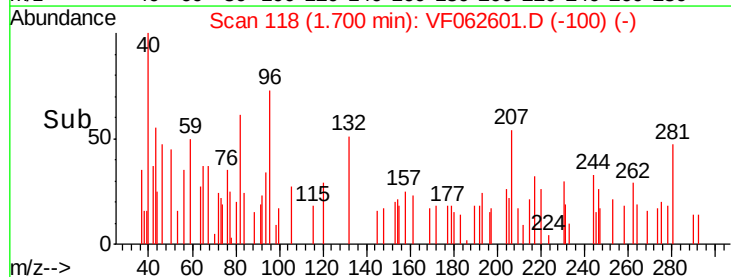
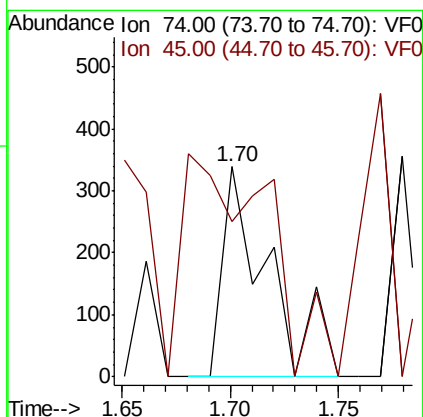
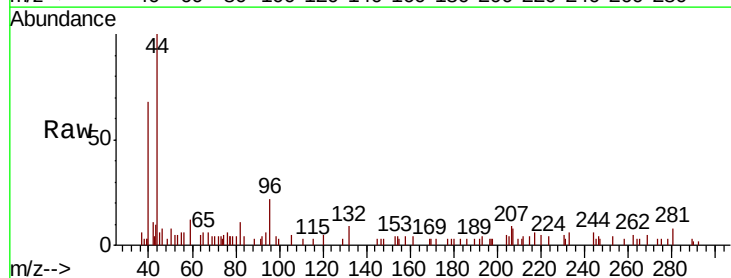
Acq: 15 May 2019 1:21

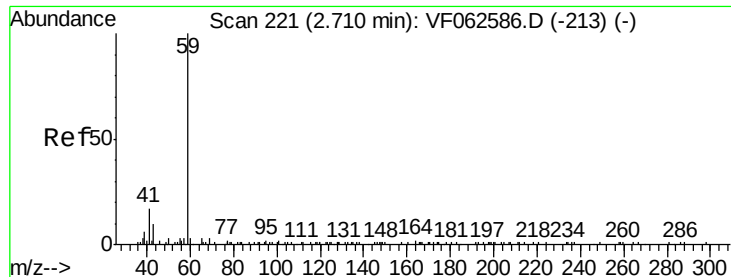
Tgt Ion: 74 Resp: 499

Ion Ratio Lower Upper

74 100

45 73.7 48.6 145.8



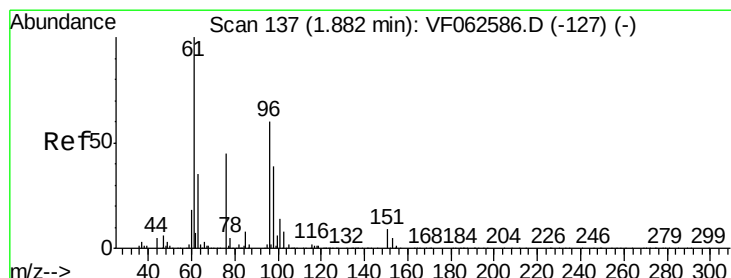
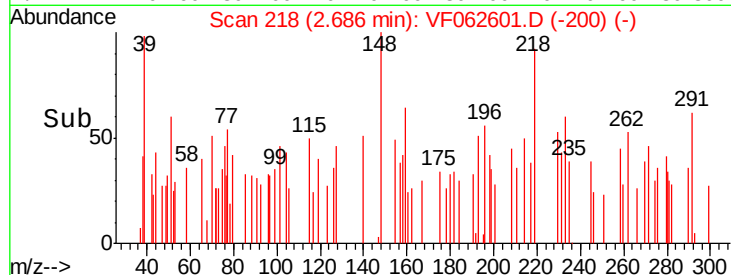
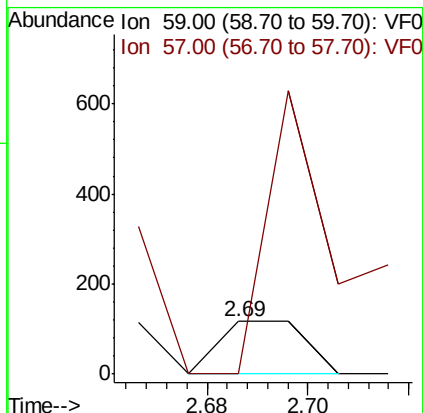
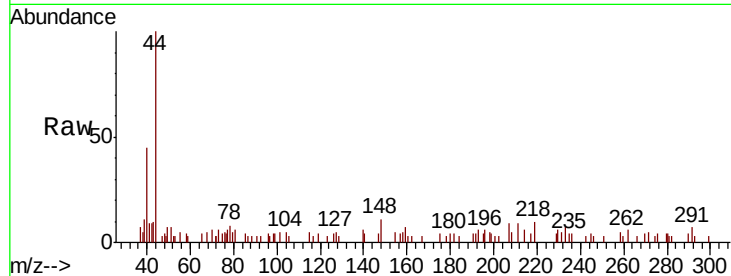


#11

Tert butyl alcohol  
Concen: 6.121 ug/l  
RT: 2.69 min Scan# 218  
Delta R.T. -0.02 min  
Lab File: VF062601.D  
Acq: 15 May 2019 1:21

Instrument :  
MSVOA\_F  
ClientSampleId :  
P021-SS008-0206-02RE

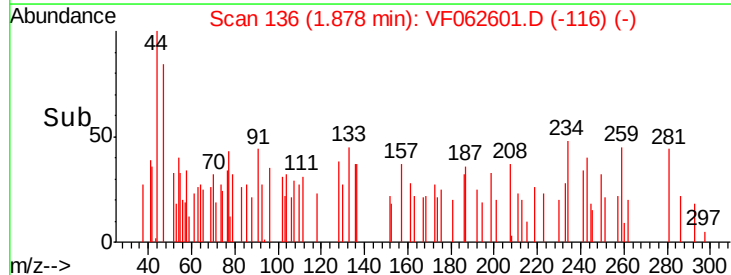
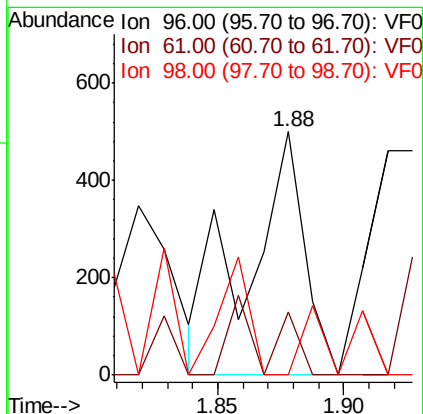
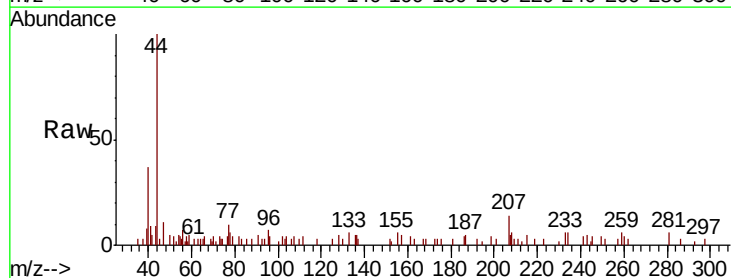
Tot Ion: 59 Resp: 138  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.0 12.0#

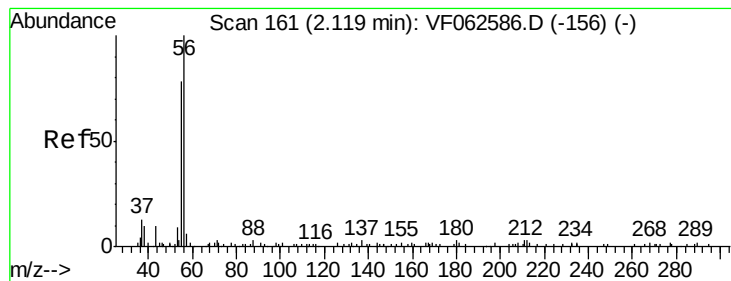


#12

1,1-Dichloroethene  
Concen: 1.787 ug/l  
RT: 1.88 min Scan# 136  
Delta R.T. -0.00 min  
Lab File: VF062601.D  
Acq: 15 May 2019 1:21

Tgt Ion: 96 Resp: 805  
Ion Ratio Lower Upper  
96 100  
61 26.0 132.0 198.0#  
98 0.0 51.3 76.9#





#13

Acrolein

Concen: 8.165 ug/l

RT: 2.11 min Scan# 160

Delta R.T. -0.00 min

Lab File: VF062601.D

Acq: 15 May 2019 1:21

Instrument :

MSVOA\_F

ClientSampleId :

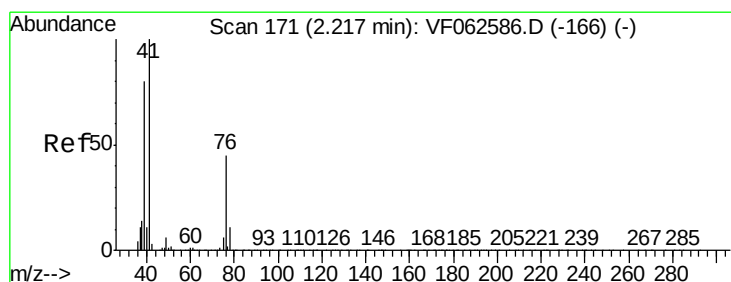
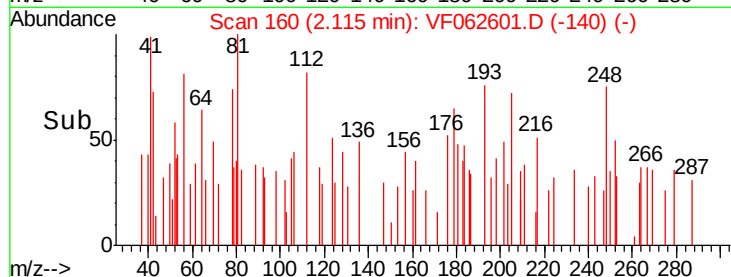
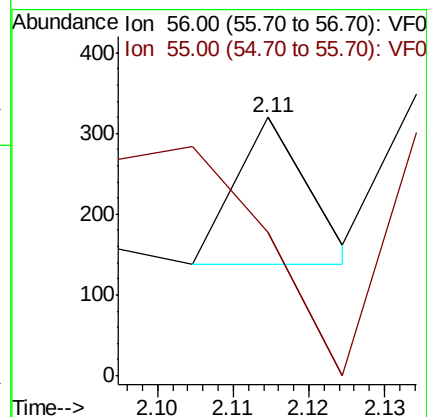
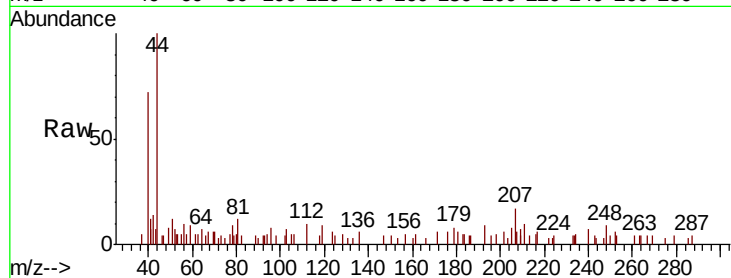
P021-SS008-0206-02RE

Tot Ion: 56 Resp: 122

Ion Ratio Lower Upper

56 100

55 55.6 64.6 96.8#



#14

Allyl chloride

Concen: 3.155 ug/l

RT: 2.19 min Scan# 168

Delta R.T. -0.02 min

Lab File: VF062601.D

Acq: 15 May 2019 1:21

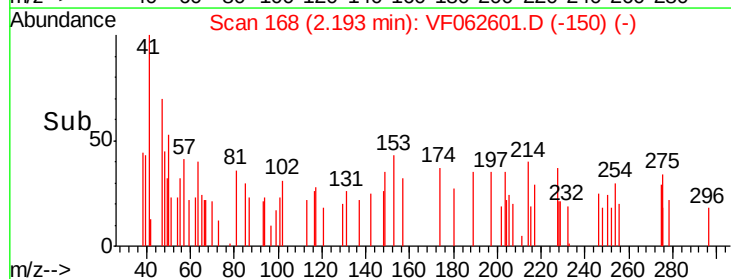
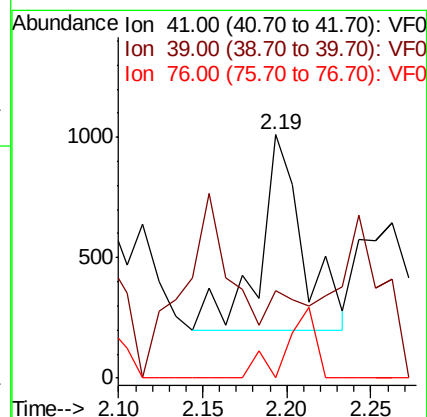
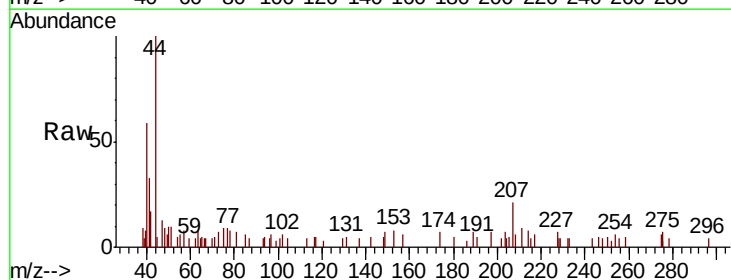
Tgt Ion: 41 Resp: 1454

Ion Ratio Lower Upper

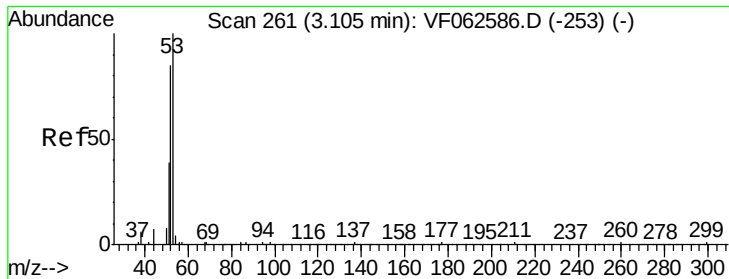
41 100

39 23.9 64.6 96.8#

76 0.0 36.1 54.1#







#15

Acrylonitrile

Concen: 7.650 ug/l

RT: 2.98 min Scan# 248

Delta R.T. -0.12 min

Lab File: VF062601.D

Acq: 15 May 2019 1:21

Instrument :

MSVOA\_F

ClientSampleId :

P021-SS008-0206-02RE

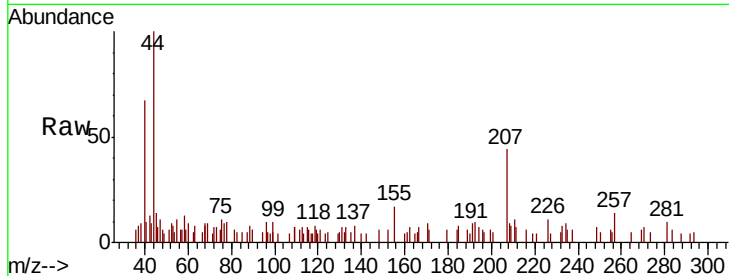
Tot Ion: 53 Resp: 617

Ion Ratio Lower Upper

53 100

52 69.0 68.3 102.5

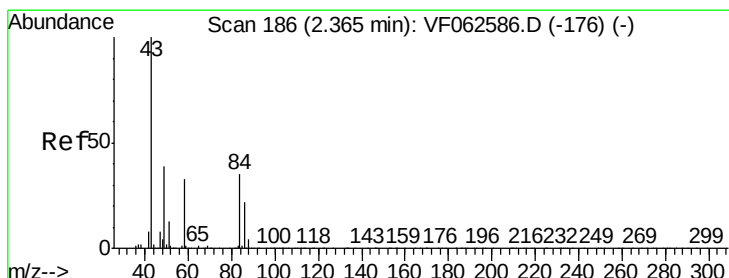
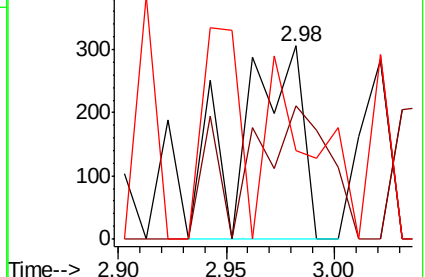
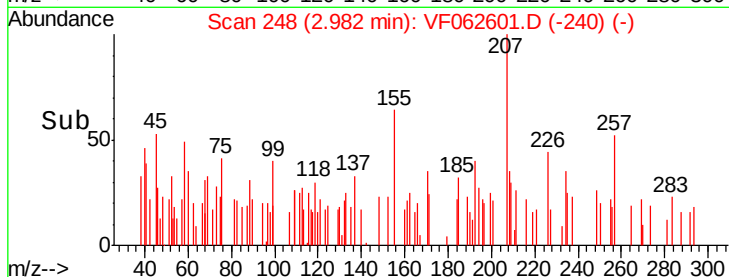
51 46.1 31.5 47.3



Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 10.304 ug/l

RT: 2.22 min Scan# 171

Delta R.T. -0.14 min

Lab File: VF062601.D

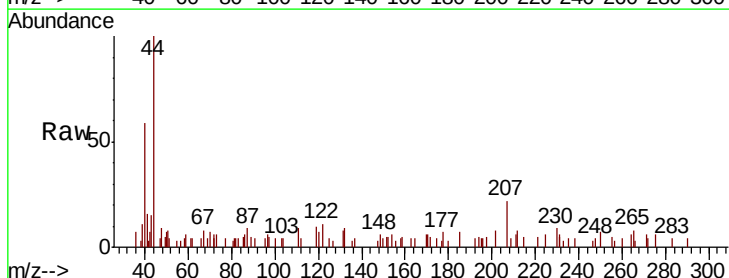
Acq: 15 May 2019 1:21

Tgt Ion: 43 Resp: 783

Ion Ratio Lower Upper

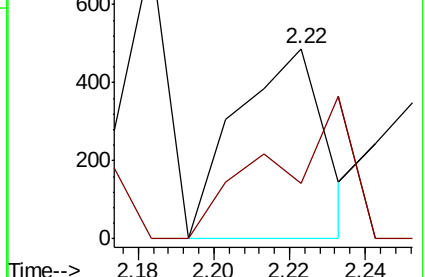
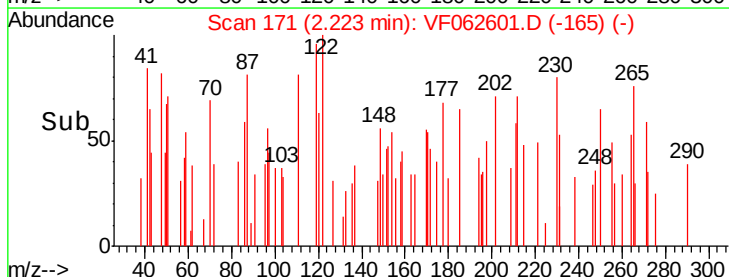
43 100

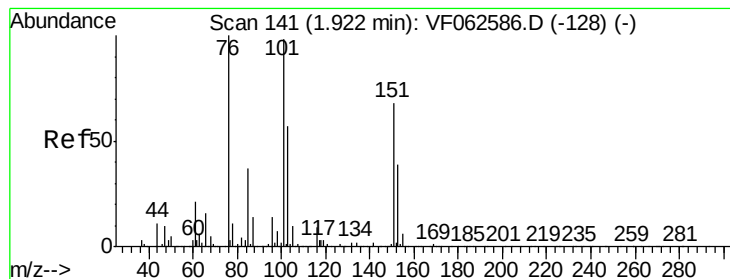
58 29.3 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#17

Carbon Disulfide

Concen: Below Cal

RT: 1.92 min Scan# 140

Delta R.T. -0.00 min

Lab File: VF062601.D

Acq: 15 May 2019 1:21

Instrument :

MSVOA\_F

ClientSampleId :

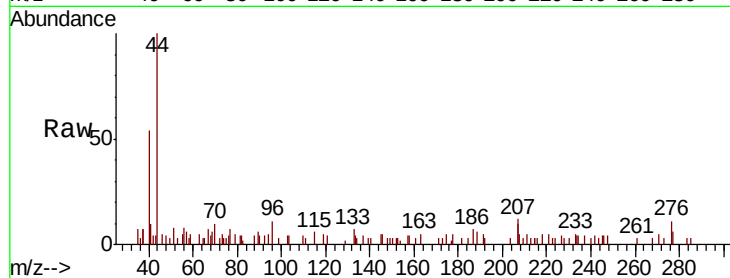
P021-SS008-0206-02RE

Tot Ion: 76 Resp: 192

Ion Ratio Lower Upper

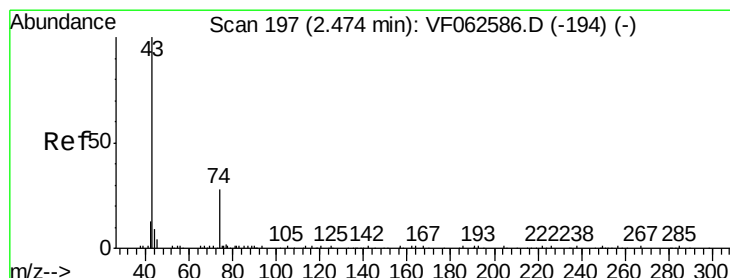
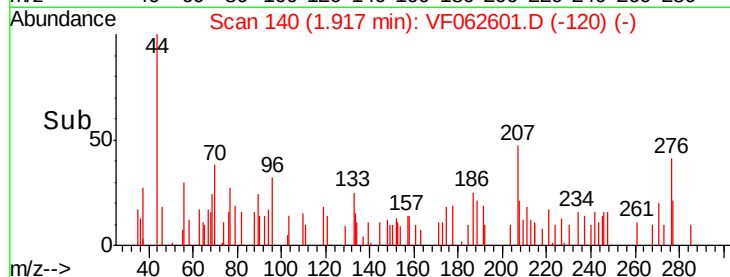
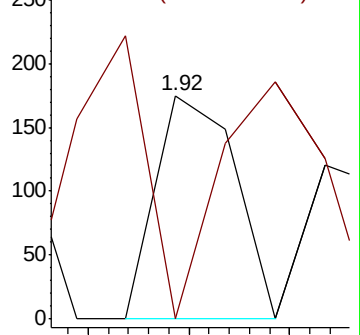
76 100

78 0.0 9.0 13.4#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



#18

Methyl Acetate

Concen: 2.365 ug/l

RT: 2.48 min Scan# 197

Delta R.T. 0.01 min

Lab File: VF062601.D

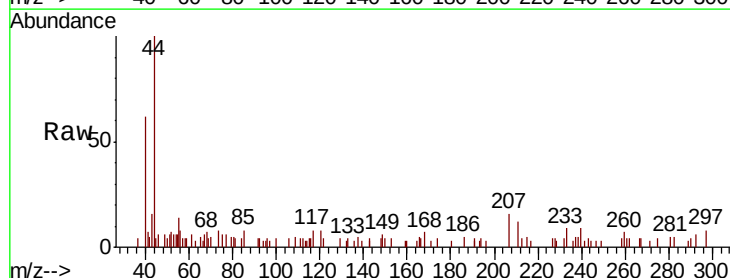
Acq: 15 May 2019 1:21

Tgt Ion: 43 Resp: 1245

Ion Ratio Lower Upper

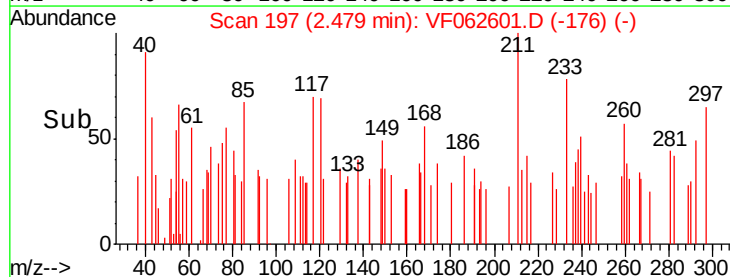
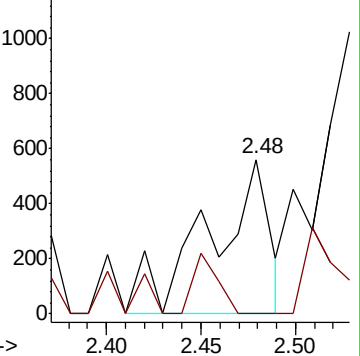
43 100

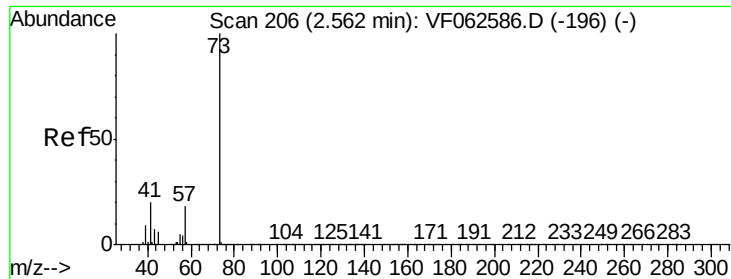
74 0.0 21.4 32.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0



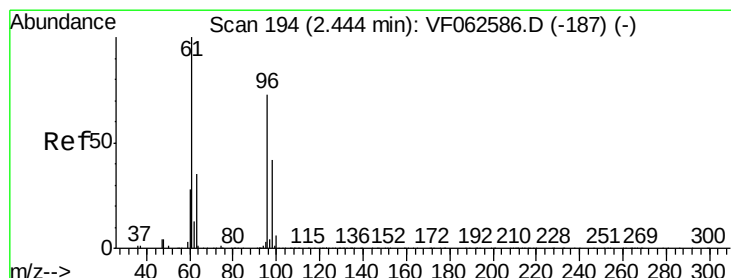
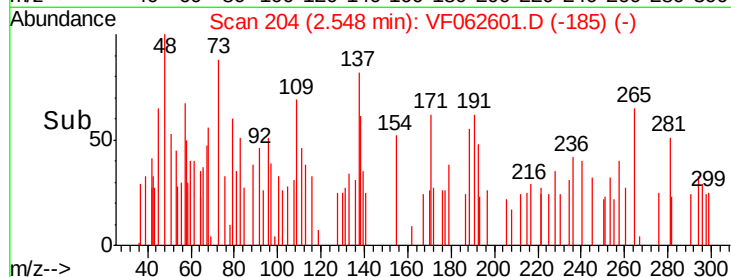
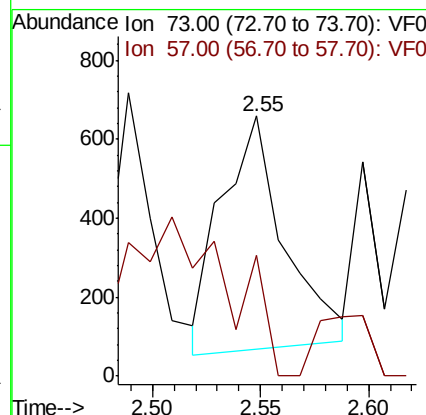
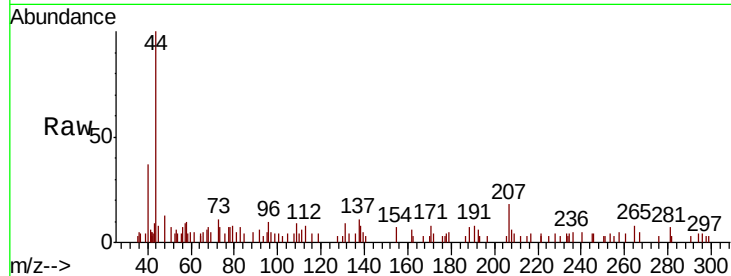


#19

Methyl tert-butyl Ether  
 Concen: 1.497 ug/l  
 RT: 2.55 min Scan# 204  
 Delta R.T. -0.01 min  
 Lab File: VF062601.D  
 Acq: 15 May 2019 1:21

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 P021-SS008-0206-02RE

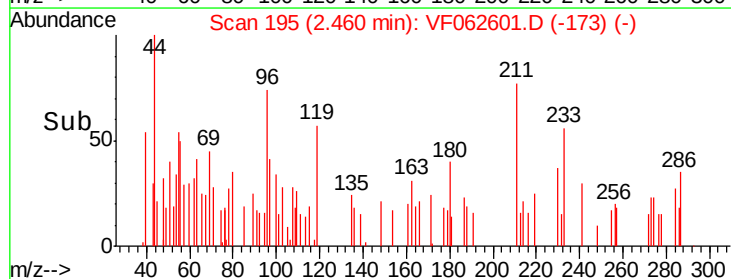
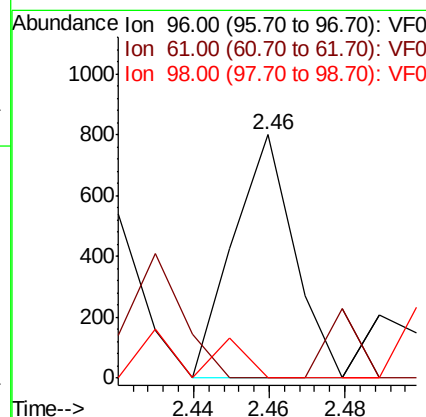
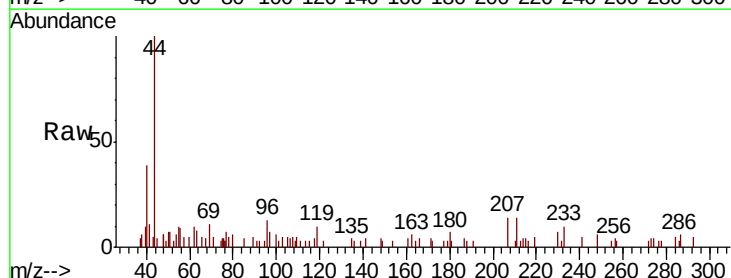
Tot Ion: 73 Resp: 1201  
 Ion Ratio Lower Upper  
 73 100  
 57 46.5 14.6 22.0#

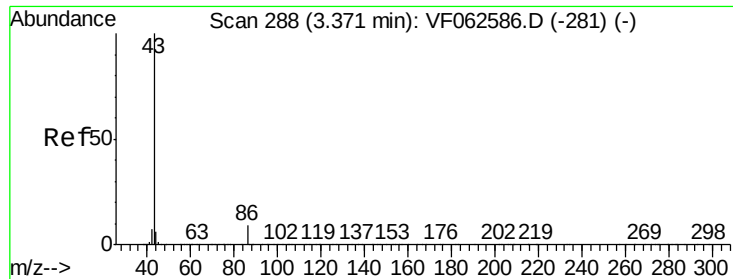


#21

trans-1,2-Dichloroethene  
 Concen: 1.954 ug/l  
 RT: 2.46 min Scan# 195  
 Delta R.T. 0.02 min  
 Lab File: VF062601.D  
 Acq: 15 May 2019 1:21

Tgt Ion: 96 Resp: 887  
 Ion Ratio Lower Upper  
 96 100  
 61 0.0 109.2 163.8#  
 98 0.0 46.3 69.5#





#23

Vinyl Acetate

Concen: 1.129 ug/l

RT: 3.39 min Scan# 289

Delta R.T. 0.02 min

Lab File: VF062601.D

Acq: 15 May 2019 1:21

Instrument :

MSVOA\_F

ClientSampleId :

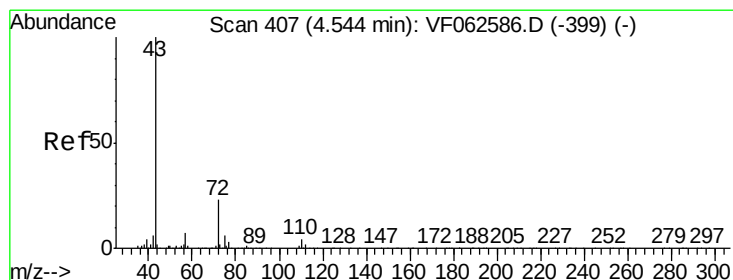
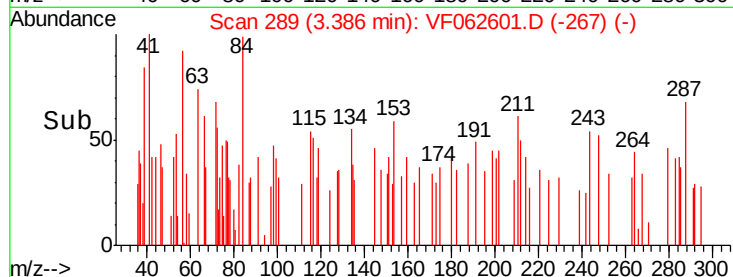
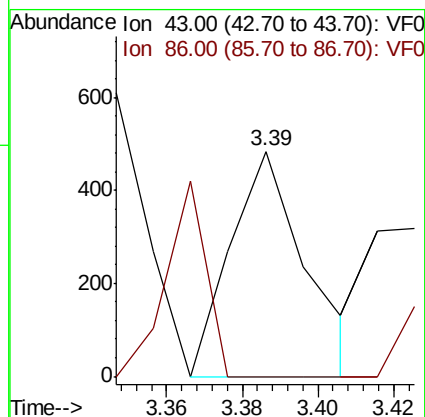
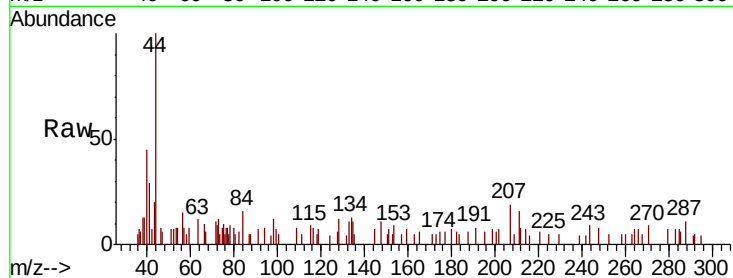
P021-SS008-0206-02RE

Tot Ion: 43 Resp: 662

Ion Ratio Lower Upper

43 100

86 0.0 7.1 10.7#



#25

2-Butanone

Concen: 4.302 ug/l

RT: 4.61 min Scan# 413

Delta R.T. 0.06 min

Lab File: VF062601.D

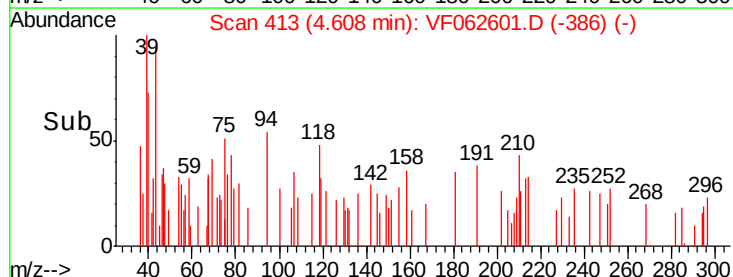
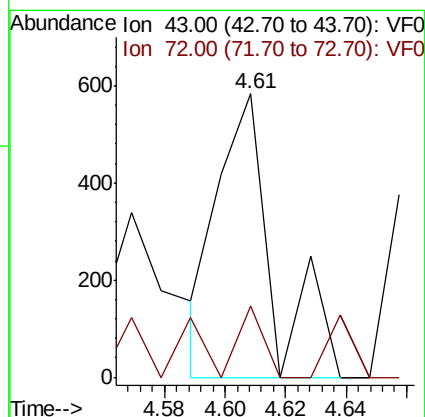
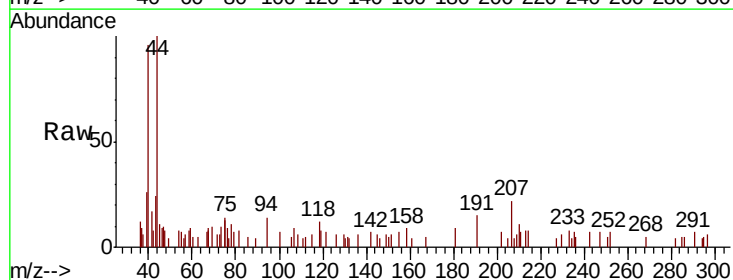
Acq: 15 May 2019 1:21

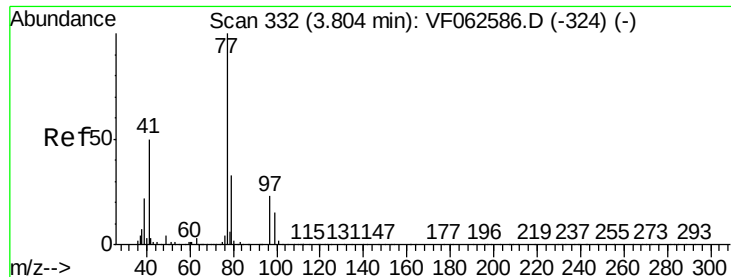
Tgt Ion: 43 Resp: 739

Ion Ratio Lower Upper

43 100

72 25.0 18.5 27.7





#26

2,2-Dichloropropane

Concen: 2.133 ug/l

RT: 3.72 min Scan# 323

Delta R.T. -0.08 min

Lab File: VF062601.D

Acq: 15 May 2019 1:21

Instrument :

MSVOA\_F

ClientSampleId :

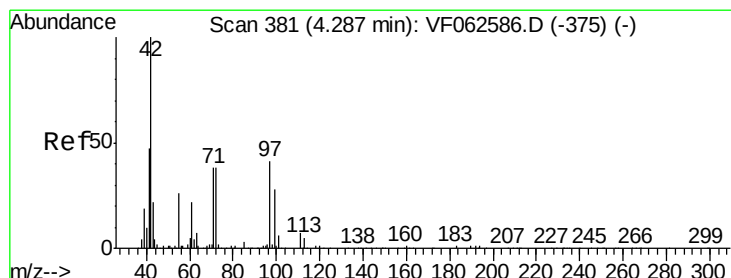
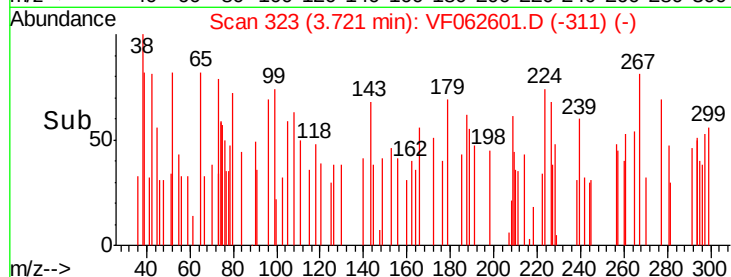
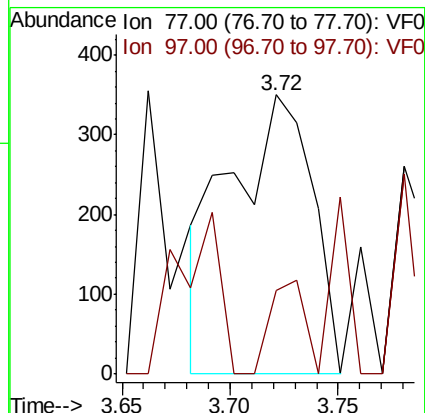
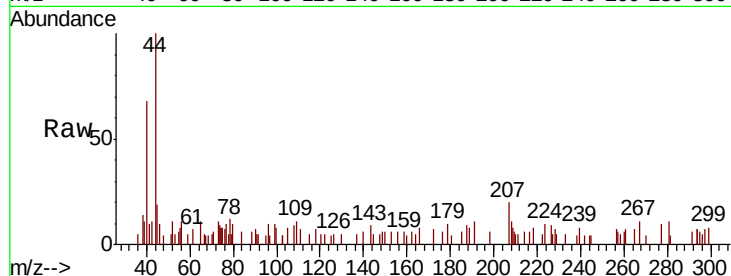
P021-SS008-0206-02RE

Tot Ion: 77 Resp: 939

Ion Ratio Lower Upper

77 100

97 30.0 12.0 36.0



#29

Tetrahydrofuran

Concen: 23.770 ug/l

RT: 4.24 min Scan# 376

Delta R.T. -0.04 min

Lab File: VF062601.D

Acq: 15 May 2019 1:21

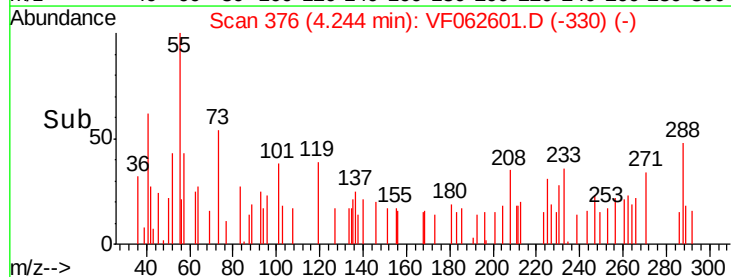
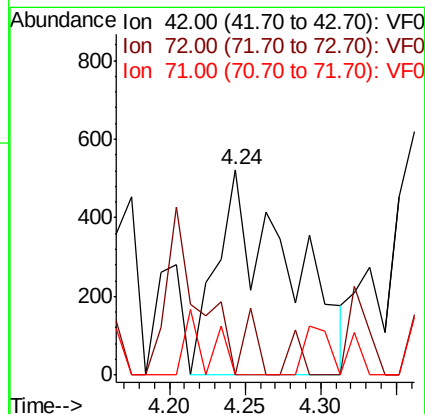
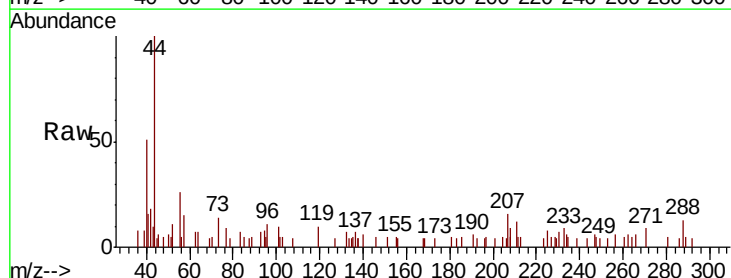
Tgt Ion: 42 Resp: 1728

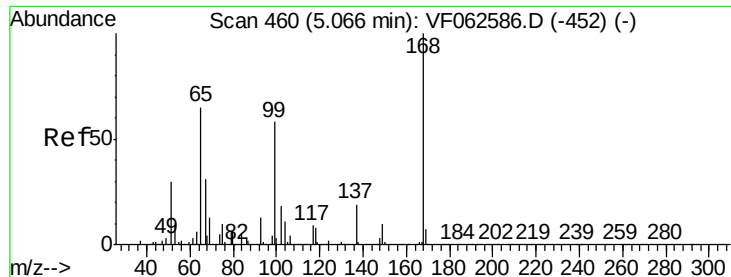
Ion Ratio Lower Upper

42 100

72 0.0 34.0 51.0#

71 0.0 32.8 49.2#

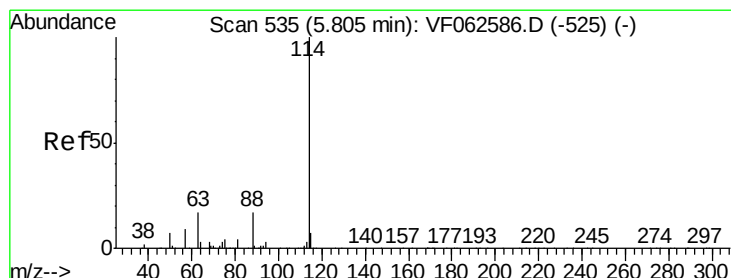
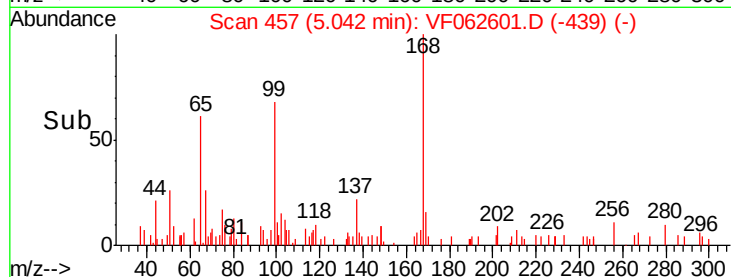
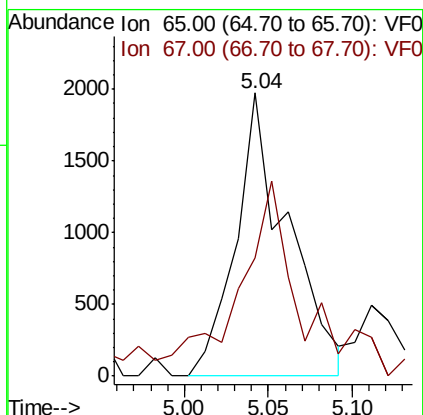
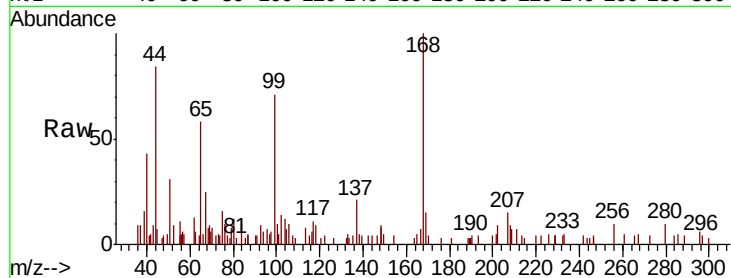




#33  
 1,2-Dichloroethane-d4  
 Concen: 11.301 ug/l  
 RT: 5.04 min Scan# 457  
 Delta R.T. -0.02 min  
 Lab File: VF062601.D  
 Acq: 15 May 2019 1:21

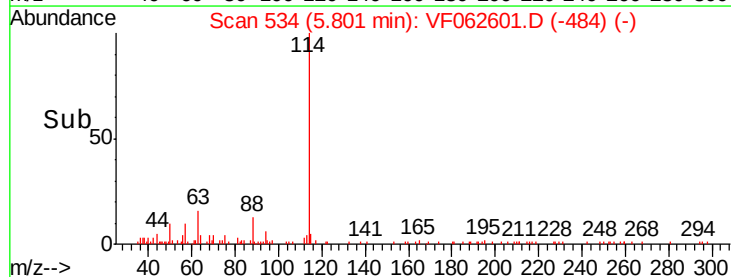
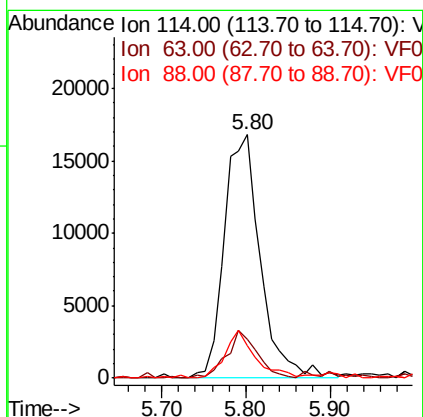
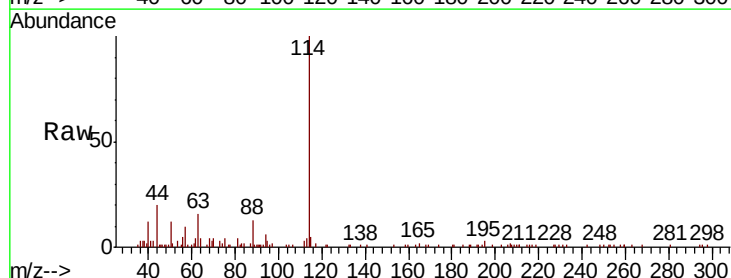
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 P021-SS008-0206-02RE

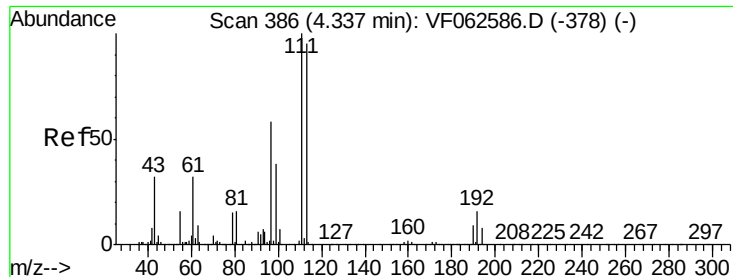
Tot Ion: 65 Resp: 4232  
 Ion Ratio Lower Upper  
 65 100  
 67 42.0 0.0 116.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.80 min Scan# 534  
 Delta R.T. -0.00 min  
 Lab File: VF062601.D  
 Acq: 15 May 2019 1:21

Tgt Ion: 114 Resp: 50280  
 Ion Ratio Lower Upper  
 114 100  
 63 15.9 0.0 34.6  
 88 13.2 0.0 33.6

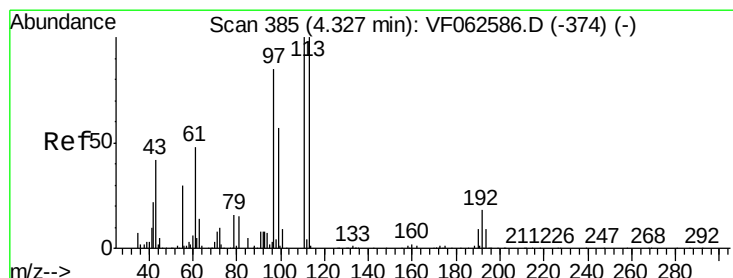
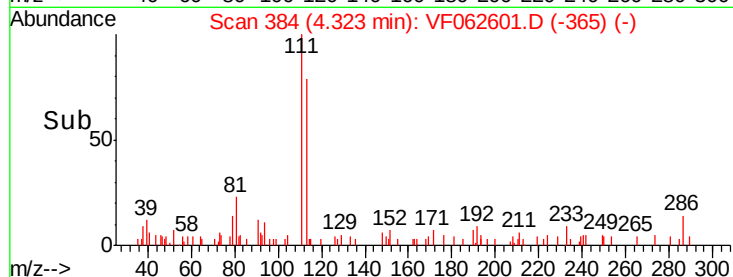
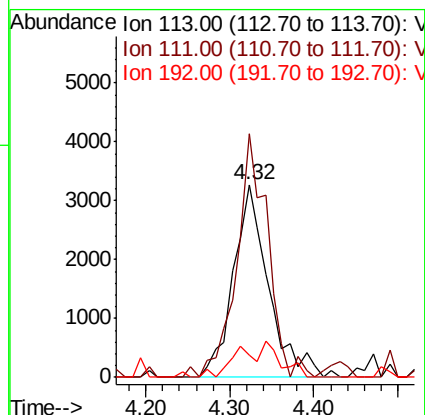
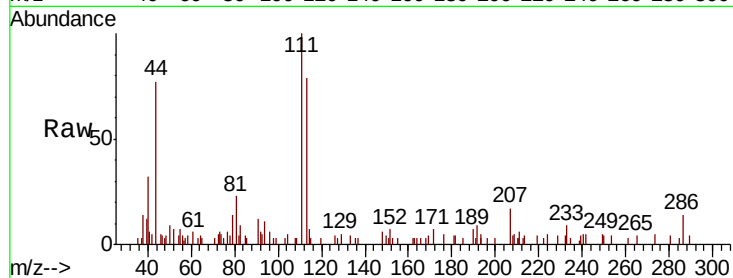




#35  
 Dibromofluoromethane  
 Concen: 25.538 ug/l  
 RT: 4.32 min Scan# 384  
 Delta R.T. -0.01 min  
 Lab File: VF062601.D  
 Acq: 15 May 2019 1:21

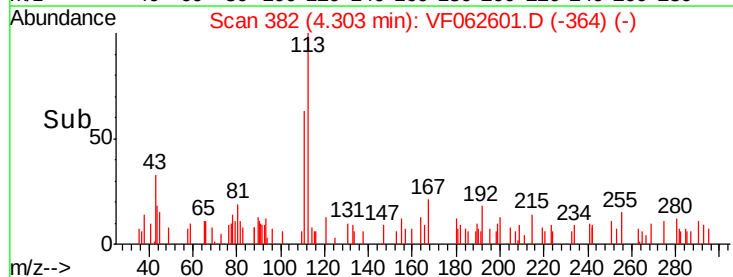
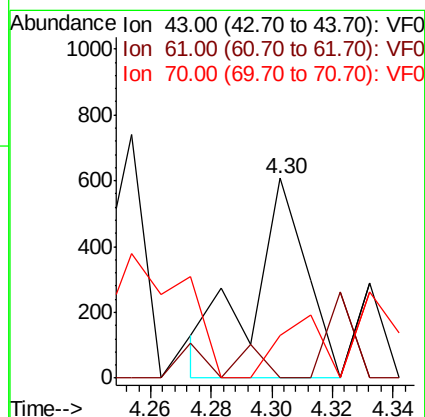
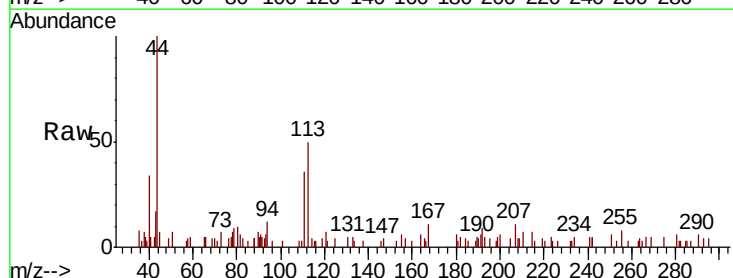
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 P021-SS008-0206-02RE

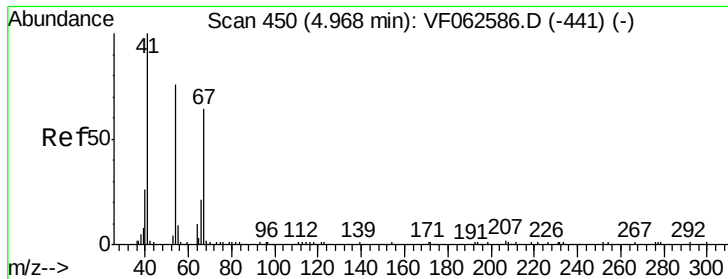
Tot Ion:113 Resp: 9557  
 Ion Ratio Lower Upper  
 113 100  
 111 126.5 83.9 125.9#  
 192 11.8 13.7 20.5#



#37  
 Ethyl Acetate  
 Concen: 4.245 ug/l  
 RT: 4.30 min Scan# 382  
 Delta R.T. -0.02 min  
 Lab File: VF062601.D  
 Acq: 15 May 2019 1:21

Tgt Ion: 43 Resp: 759  
 Ion Ratio Lower Upper  
 43 100  
 61 0.0 88.6 132.8#  
 70 21.1 8.3 12.5#





#41

Methacrylonitrile

Concen: 6.993 ug/l

RT: 4.94 min Scan# 447

Delta R.T. -0.02 min

Lab File: VF062601.D

Acq: 15 May 2019 1:21

Instrument :

MSVOA\_F

ClientSampleId :

P021-SS008-0206-02RE

Tot Ion: 41 Resp: 708

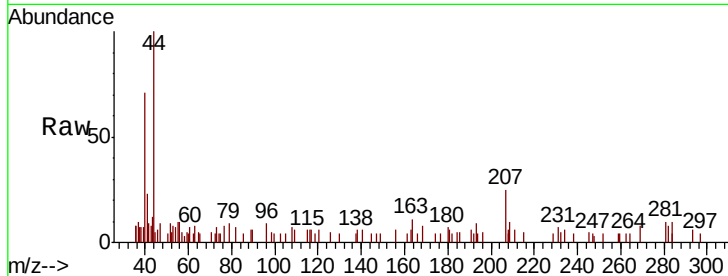
Ion Ratio Lower Upper

41 100

39 31.0 40.8 61.2#

67 0.0 50.2 75.2#

52 57.3 36.8 55.2#

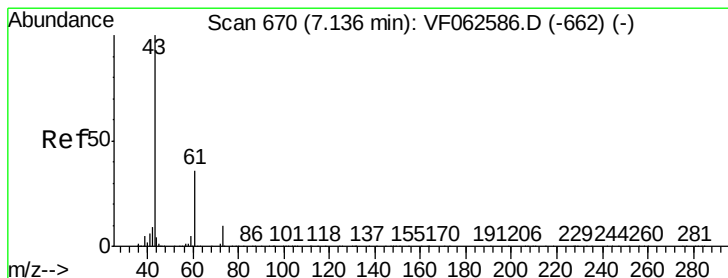
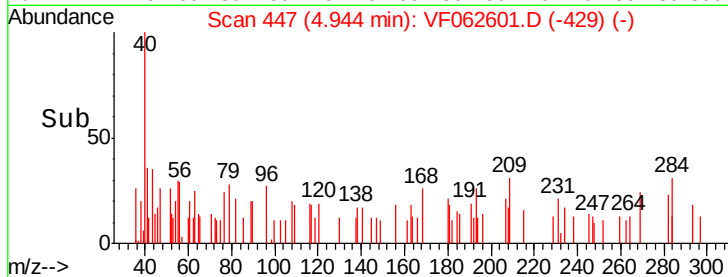
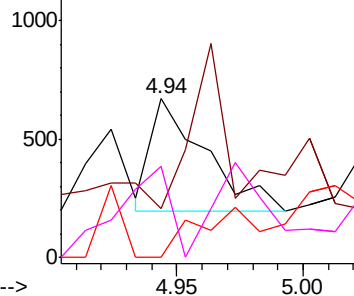


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#43

Isopropyl Acetate

Concen: 2.439 ug/l

RT: 7.11 min Scan# 667

Delta R.T. -0.02 min

Lab File: VF062601.D

Acq: 15 May 2019 1:21

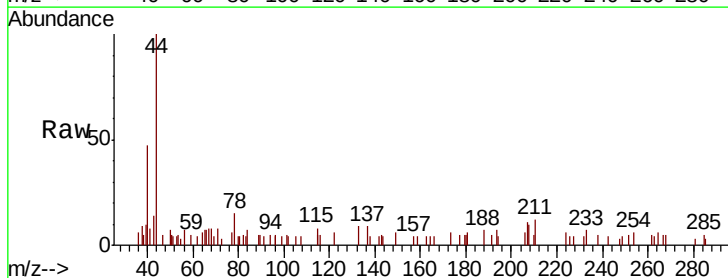
Tgt Ion: 43 Resp: 516

Ion Ratio Lower Upper

43 100

61 0.0 28.5 42.7#

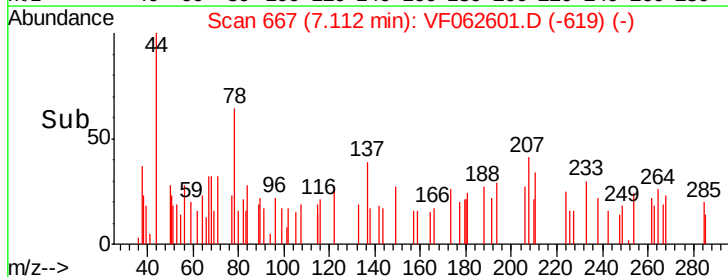
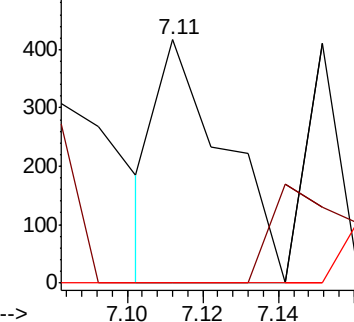
87 0.0 0.4 0.6#



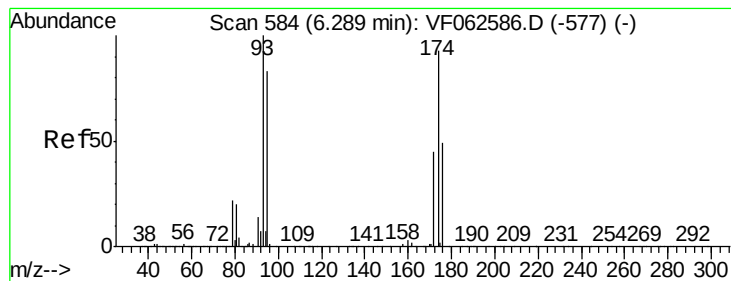
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0







#46

Dibromomethane

Concen: 3.508 ug/l

RT: 6.30 min Scan# 585

Delta R.T. 0.02 min

Lab File: VF062601.D

Acq: 15 May 2019 1:21

Instrument :

MSVOA\_F

ClientSampleId :

P021-SS008-0206-02RE

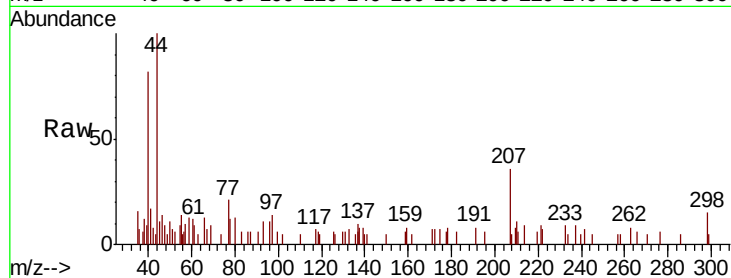
Tot Ion: 93 Resp: 611

Ion Ratio Lower Upper

93 100

95 0.0 66.9 100.3#

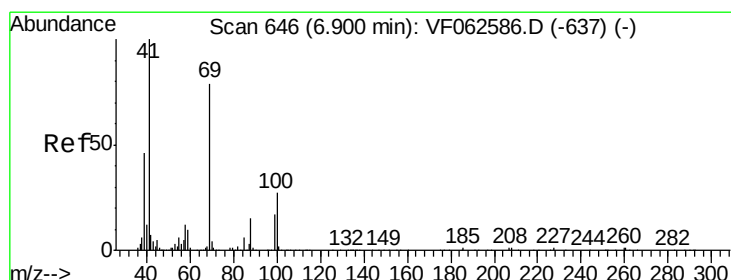
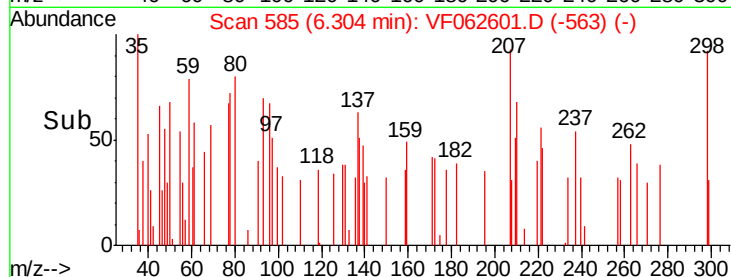
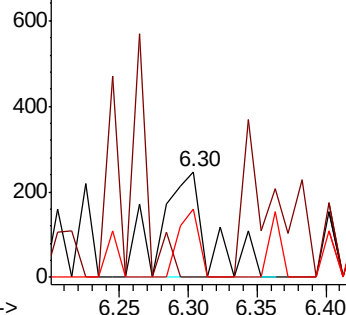
174 64.8 74.6 112.0#



Abundance Ion 93.00 (92.70 to 93.70): VF0

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V



#48

Methyl methacrylate

Concen: 3.799 ug/l

RT: 6.89 min Scan# 644

Delta R.T. -0.01 min

Lab File: VF062601.D

Acq: 15 May 2019 1:21

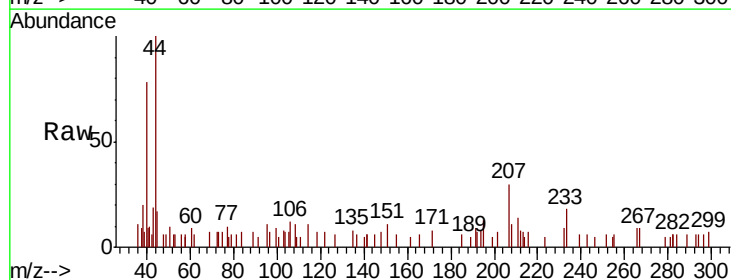
Tgt Ion: 41 Resp: 440

Ion Ratio Lower Upper

41 100

69 36.5 63.0 94.6#

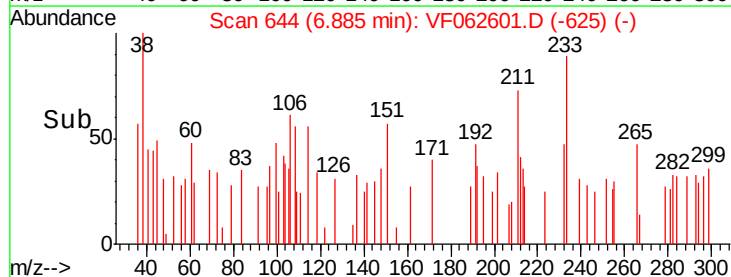
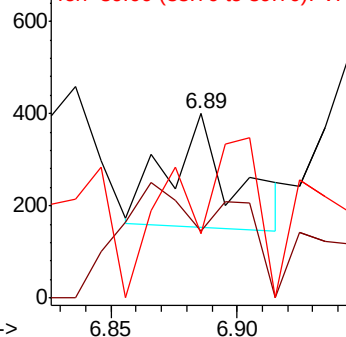
39 34.8 37.6 56.4#

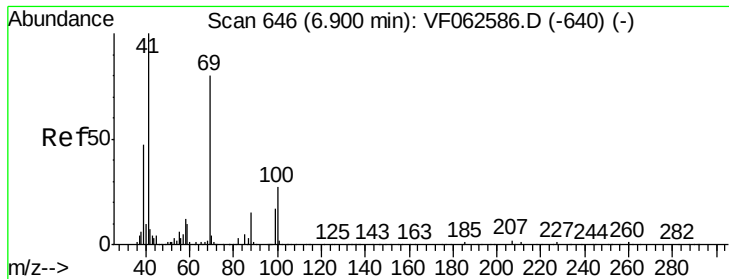


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#49

1,4-Dioxane

Concen: 220.177 ug/l

RT: 6.92 min Scan# 647

Delta R.T. 0.02 min

Lab File: VF062601.D

Acq: 15 May 2019 1:21

Instrument :

MSVOA\_F

ClientSampleId :

P021-SS008-0206-02RE

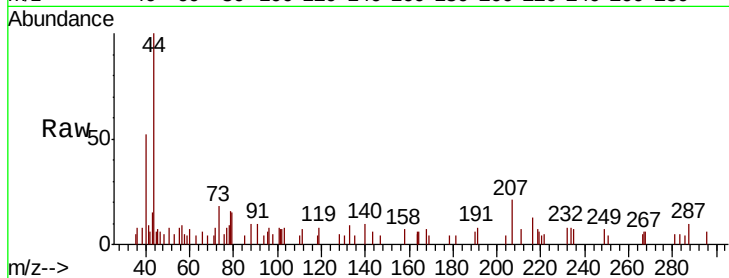
Tot Ion: 88 Resp: 336

Ion Ratio Lower Upper

88 100

43 160.1 28.8 43.2#

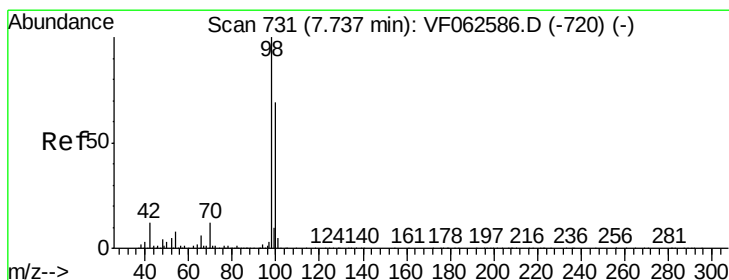
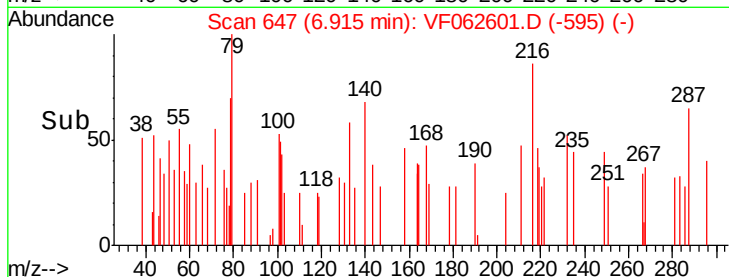
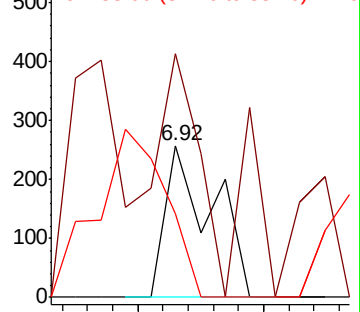
58 55.4 60.6 90.8#



Abundance Ion 88.00 (87.70 to 88.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#50

Toluene-d8

Concen: 33.987 ug/l

RT: 7.73 min Scan# 730

Delta R.T. -0.00 min

Lab File: VF062601.D

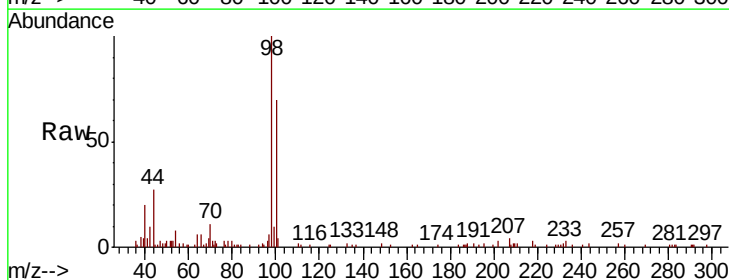
Acq: 15 May 2019 1:21

Tgt Ion: 98 Resp: 29971

Ion Ratio Lower Upper

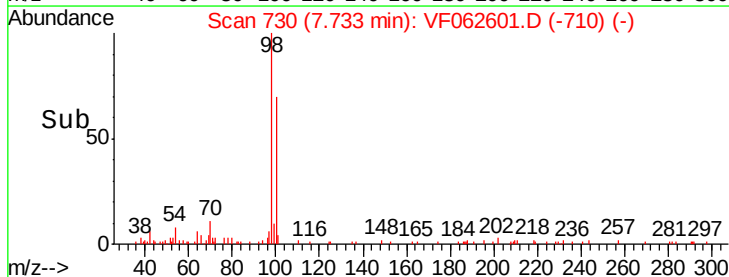
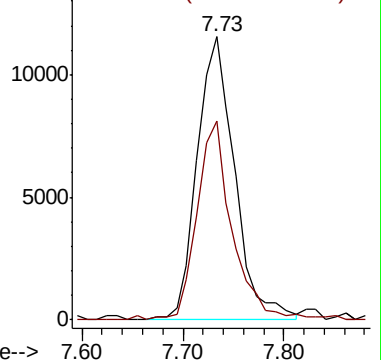
98 100

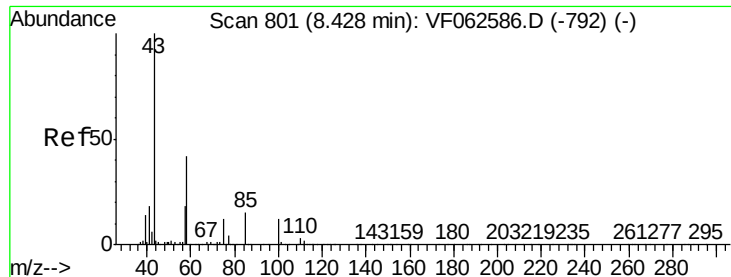
100 70.1 55.4 83.0



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#51

4-Methyl-2-Pentanone

Concen: 5.186 ug/l

RT: 8.42 min Scan# 800

Delta R.T. -0.00 min

Lab File: VF062601.D

Acq: 15 May 2019 1:21

Instrument :

MSVOA\_F

ClientSampleId :

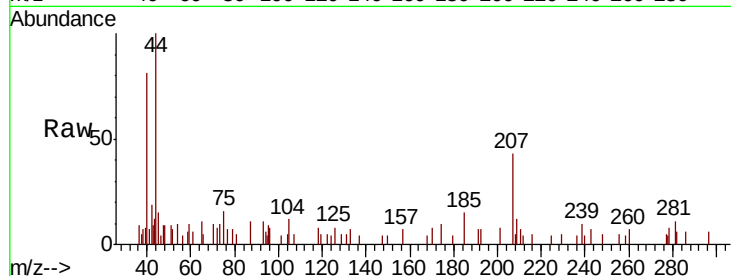
P021-SS008-0206-02RE

Tot Ion: 43 Resp: 804

Ion Ratio Lower Upper

43 100

58 27.5 33.6 50.4#



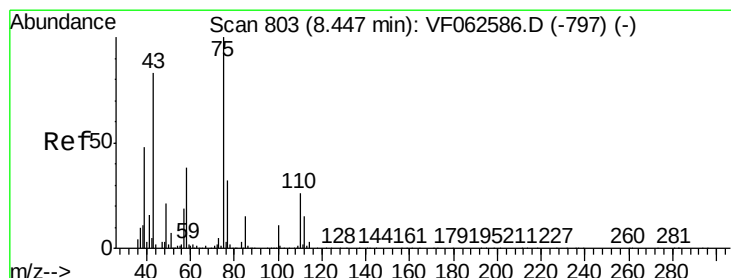
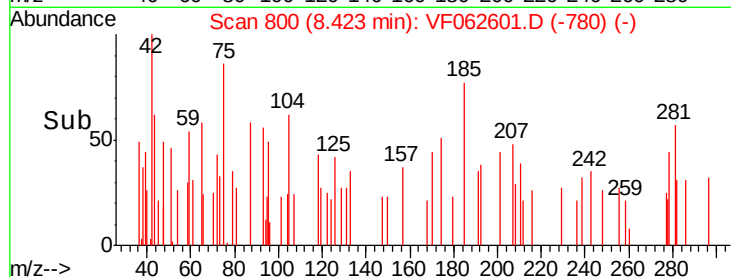
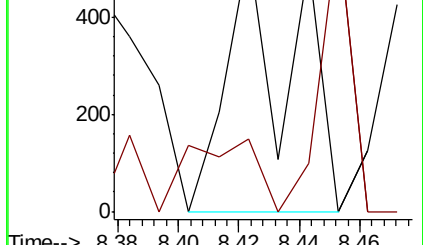
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.42

8.44

8.46



#53

t-1,3-Dichloropropene

Concen: 1.852 ug/l

RT: 8.42 min Scan# 800

Delta R.T. -0.02 min

Lab File: VF062601.D

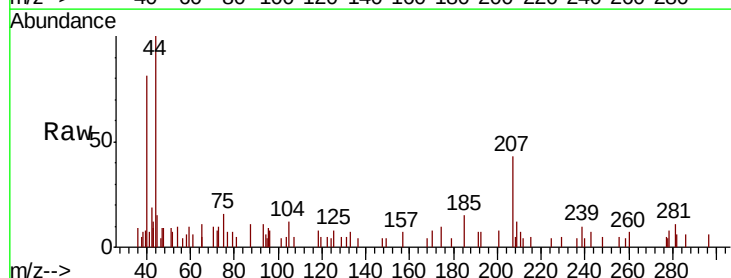
Acq: 15 May 2019 1:21

Tgt Ion: 75 Resp: 548

Ion Ratio Lower Upper

75 100

77 40.3 25.7 38.5#

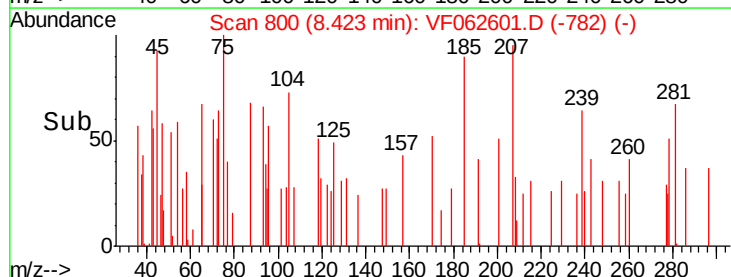
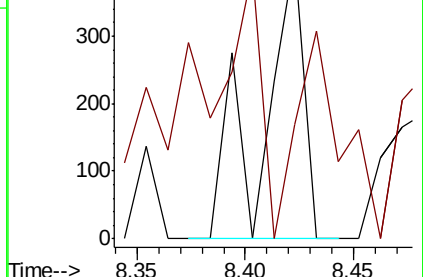


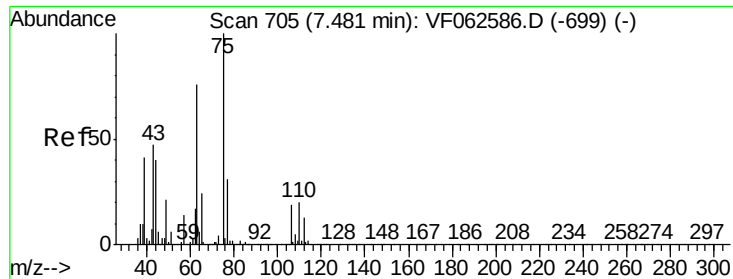
Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

8.42

8.45





#54

cis-1,3-Dichloropropene

Concen: 1.062 ug/l

RT: 7.46 min Scan# 702

Delta R.T. -0.02 min

Lab File: VF062601.D

Acq: 15 May 2019 1:21

Instrument :

MSVOA\_F

ClientSampleId :

P021-SS008-0206-02RE

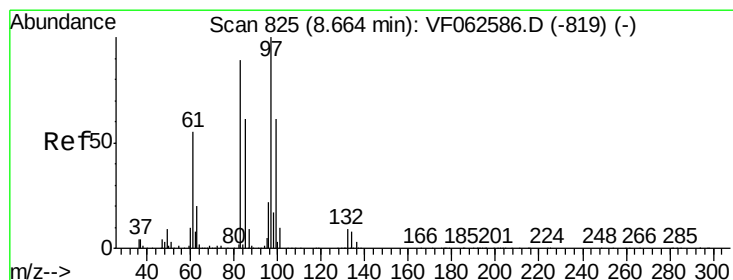
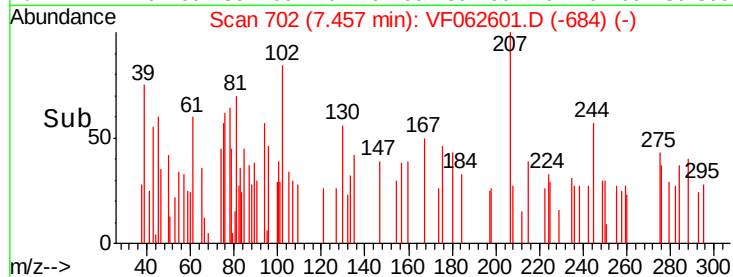
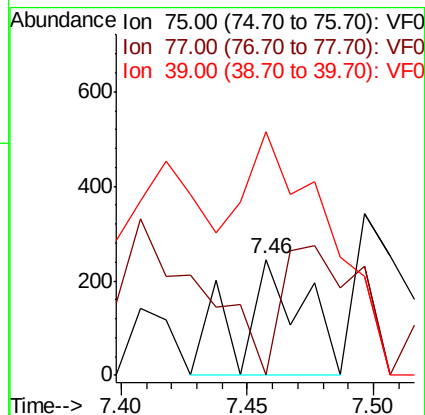
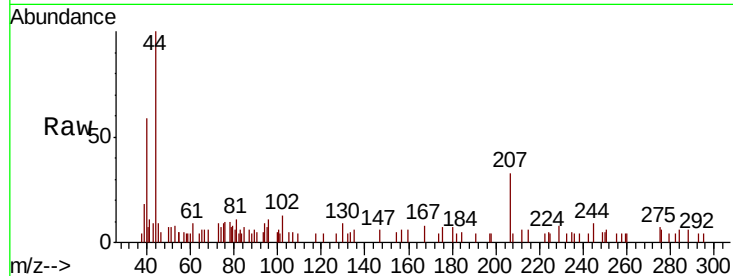
Tot Ion: 75 Resp: 444

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.6#

39 209.3 32.8 49.2#



#55

1,1,2-Trichloroethane

Concen: 1.333 ug/l

RT: 8.67 min Scan# 825

Delta R.T. 0.01 min

Lab File: VF062601.D

Acq: 15 May 2019 1:21

Tgt Ion: 97 Resp: 248

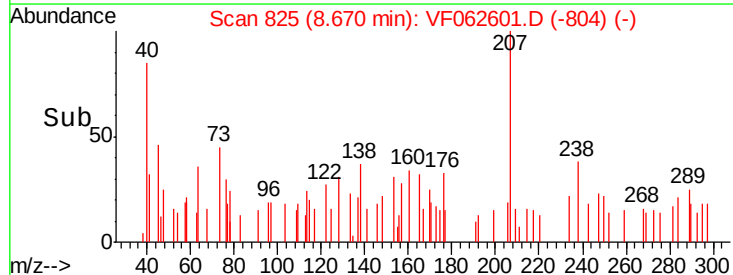
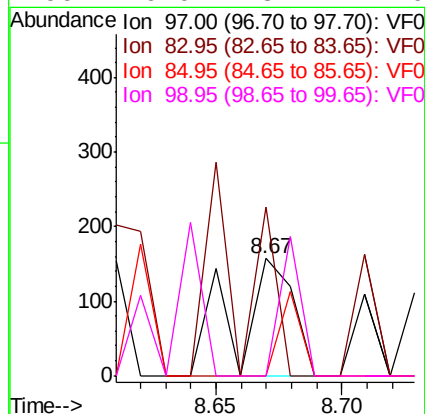
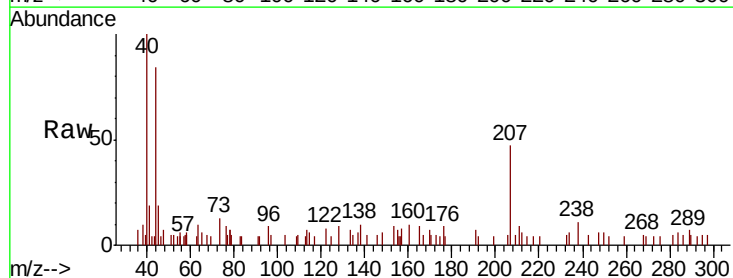
Ion Ratio Lower Upper

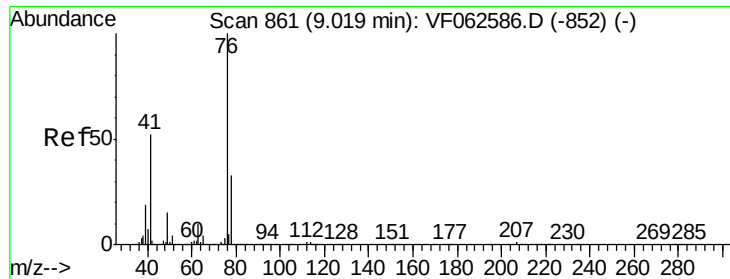
97 100

83 144.6 71.3 106.9#

85 0.0 48.9 73.3#

99 0.0 48.4 72.6#





#57

1,3-Dichloropropane

Concen: 1.036 ug/l

RT: 9.03 min Scan# 862

Delta R.T. 0.02 min

Lab File: VF062601.D

Acq: 15 May 2019 1:21

Instrument :

MSVOA\_F

ClientSampleId :

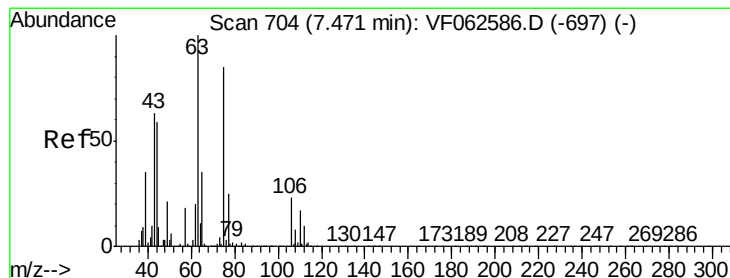
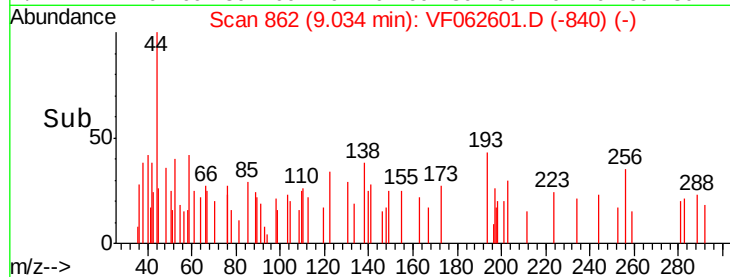
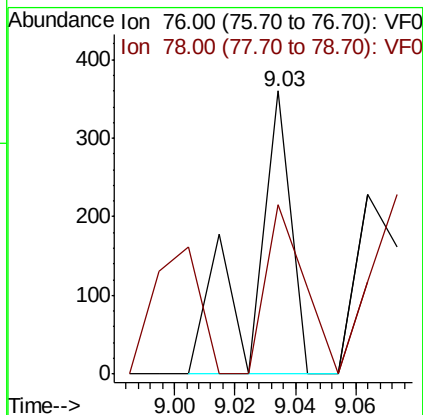
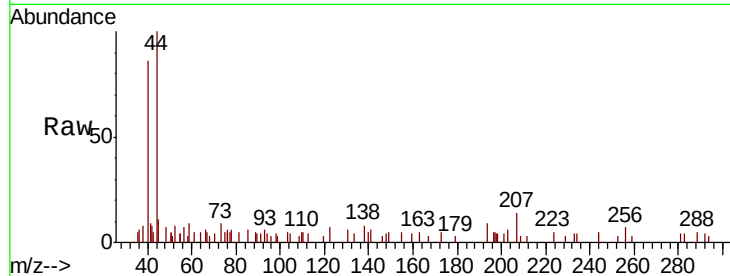
P021-SS008-0206-02RE

Tot Ion: 76 Resp: 318

Ion Ratio Lower Upper

76 100

78 59.7 26.4 39.6#



#58

2-Chloroethyl Vinyl ether

Concen: 1.912 ug/l

RT: 7.45 min Scan# 701

Delta R.T. -0.02 min

Lab File: VF062601.D

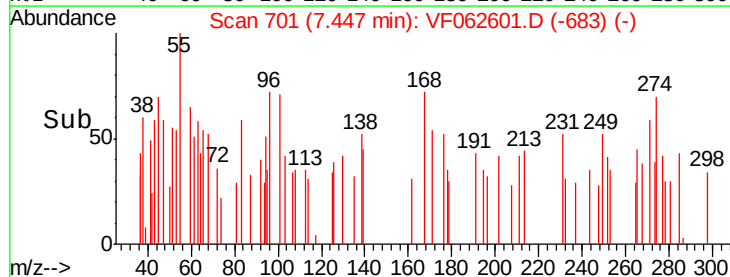
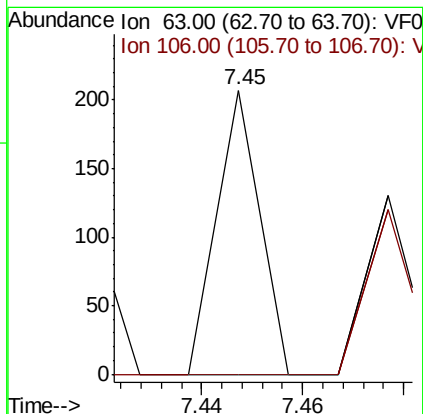
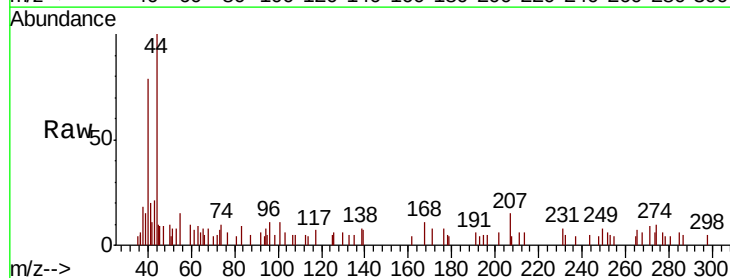
Acq: 15 May 2019 1:21

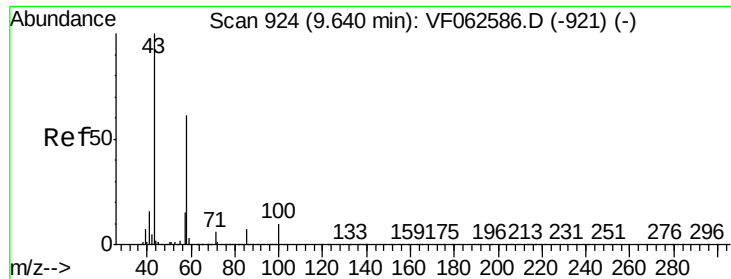
Tgt Ion: 63 Resp: 122

Ion Ratio Lower Upper

63 100

106 0.0 18.0 27.0#

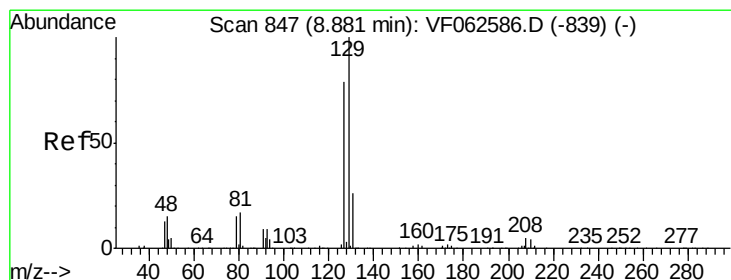
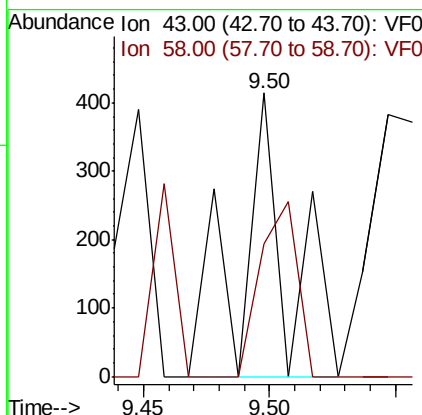
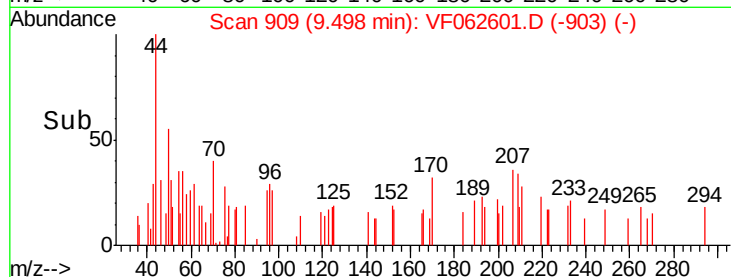
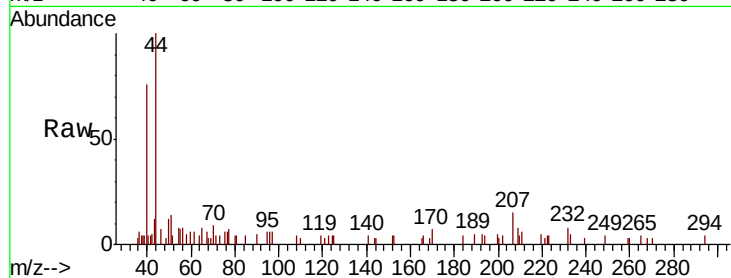




#59  
2-Hexanone  
Concen: 5.548 ug/l  
RT: 9.50 min Scan# 909  
Delta R.T. -0.14 min  
Lab File: VF062601.D  
Acq: 15 May 2019 1:21

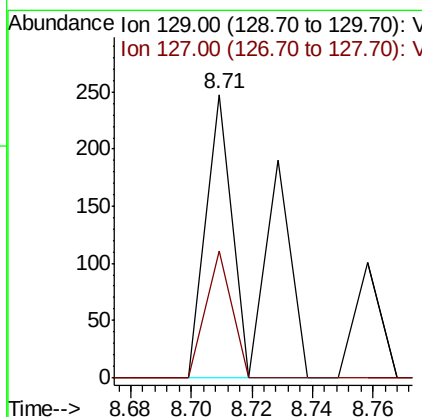
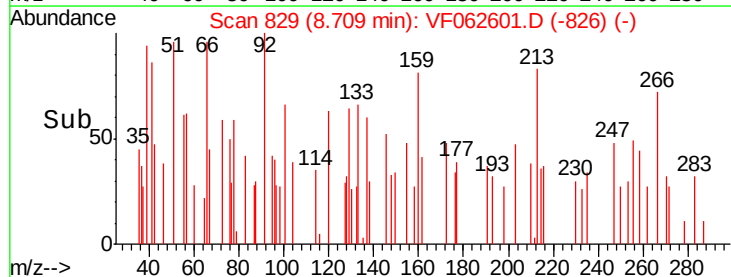
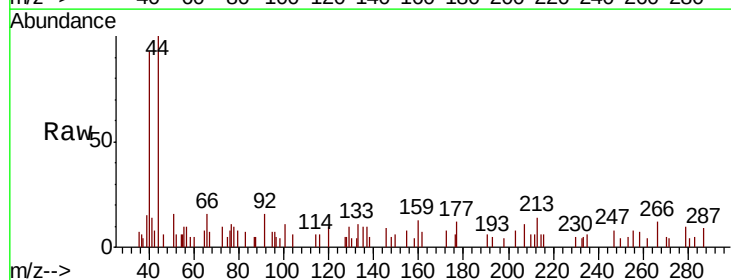
Instrument :  
MSVOA\_F  
ClientSampleId :  
P021-SS008-0206-02RE

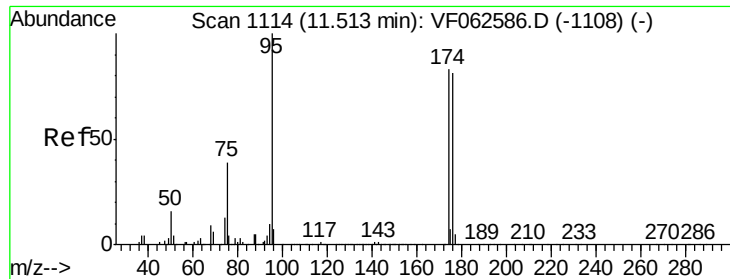
Tot Ion: 43.00 Resp: 568  
Ion Ratio Lower Upper  
43 100  
58 46.9 28.7 86.3



#60  
Dibromochloromethane  
Concen: 1.096 ug/l  
RT: 8.71 min Scan# 829  
Delta R.T. -0.17 min  
Lab File: VF062601.D  
Acq: 15 May 2019 1:21

Tgt Ion: 129 Resp: 259  
Ion Ratio Lower Upper  
129 100  
127 44.8 39.3 117.9

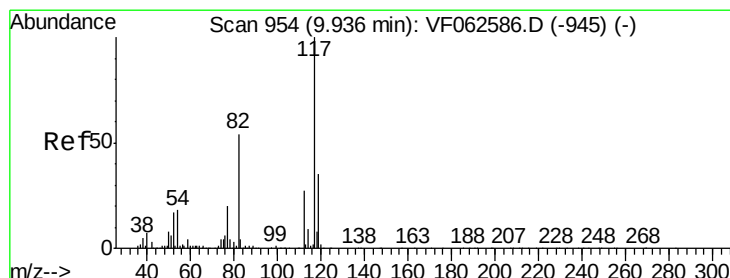
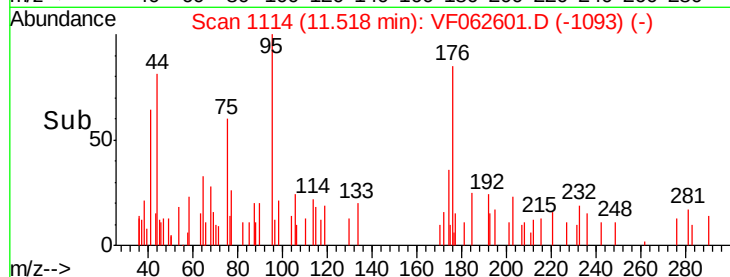
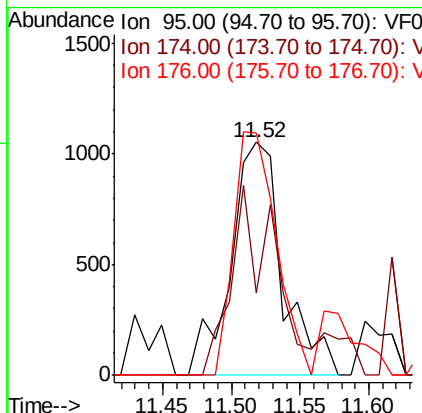
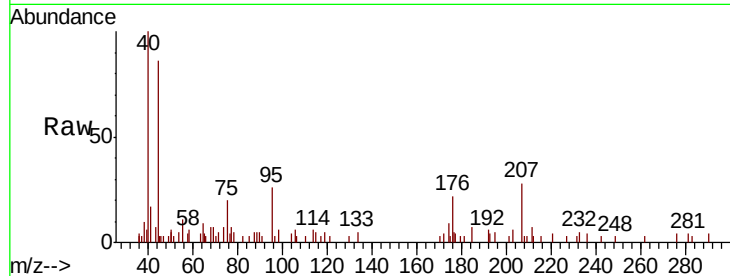




#62  
4-Bromofluorobenzene  
Concen: 9.033 ug/l  
RT: 11.52 min Scan# 1114  
Delta R.T. 0.01 min  
Lab File: VF062601.D  
Acq: 15 May 2019 1:21

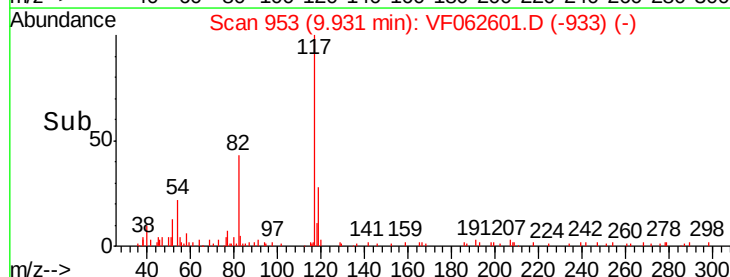
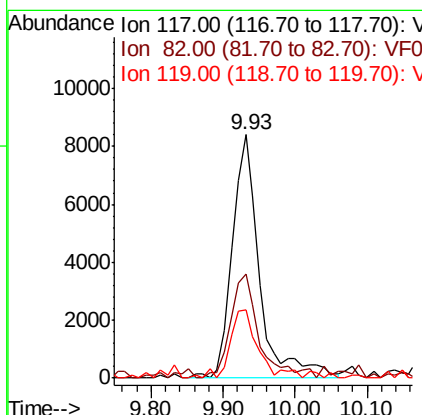
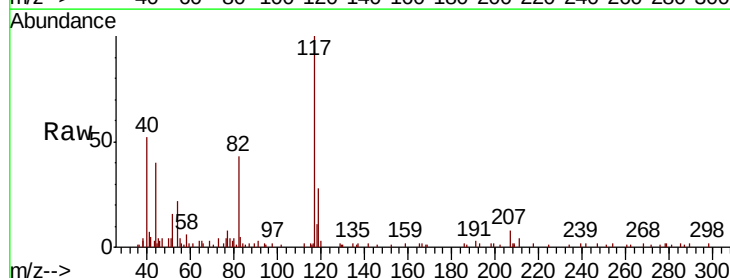
Instrument :  
MSVOA\_F  
ClientSampleId :  
P021-SS008-0206-02RE

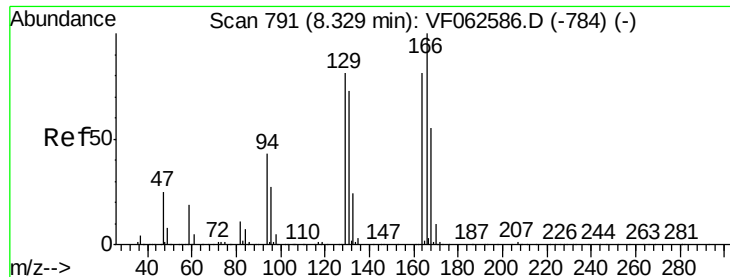
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 45.6  | 0.0   | 166.6 |
| 176     | 103.9 | 0.0   | 161.8 |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.93 min Scan# 953  
Delta R.T. -0.00 min  
Lab File: VF062601.D  
Acq: 15 May 2019 1:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 43.0  | 43.4  | 65.0# |
| 119     | 28.2  | 27.7  | 41.5  |





#64

Tetrachloroethene

Concen: 1.105 ug/l

RT: 8.28 min Scan# 785

Delta R.T. -0.05 min

Lab File: VF062601.D

Acq: 15 May 2019 1:21

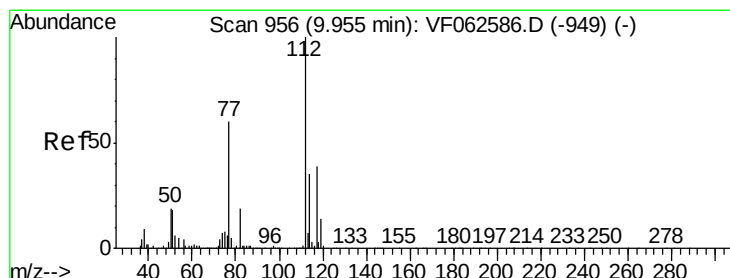
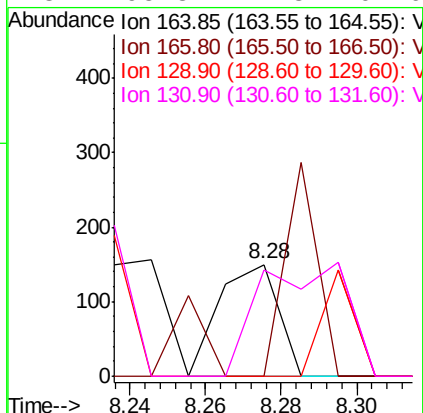
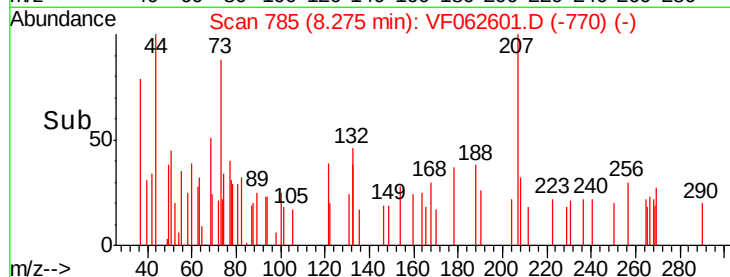
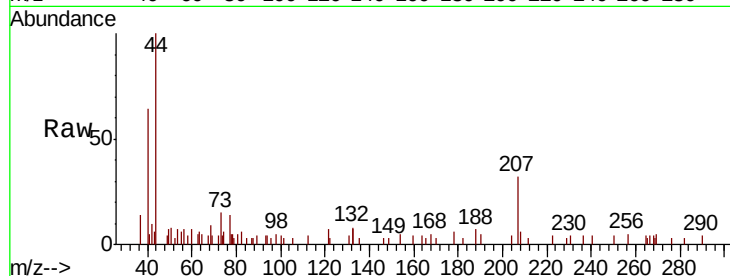
Instrument :

MSVOA\_F

ClientSampleId :

P021-SS008-0206-02RE

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 164   | Resp: | 162    |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 166      | 0.0   | 98.6  | 148.0# |
| 129      | 0.0   | 80.2  | 120.4# |
| 131      | 95.3  | 71.8  | 107.6  |



#65

Chlorobenzene

Concen: 1.457 ug/l

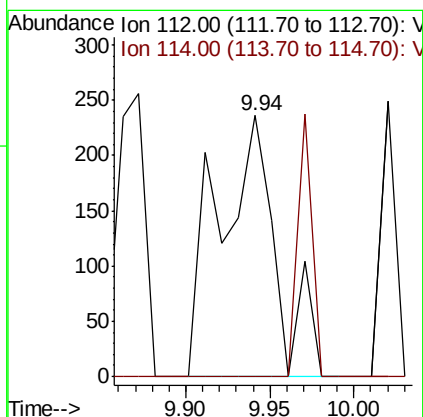
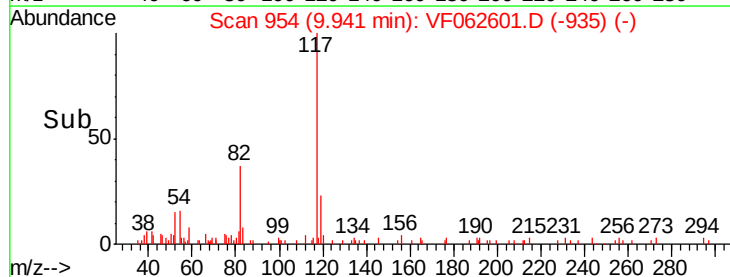
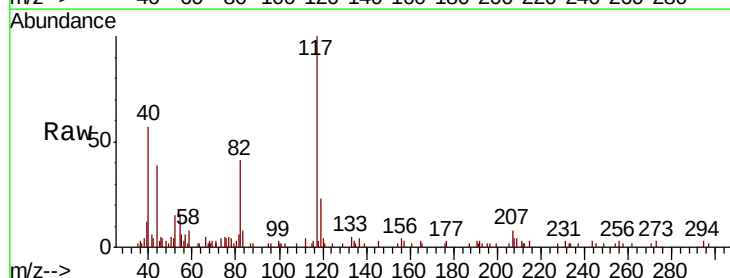
RT: 9.94 min Scan# 954

Delta R.T. -0.01 min

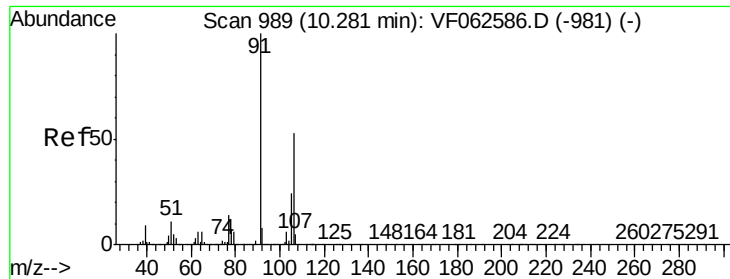
Lab File: VF062601.D

Acq: 15 May 2019 1:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 562   |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 114      | 0.0   | 27.9  | 41.9# |



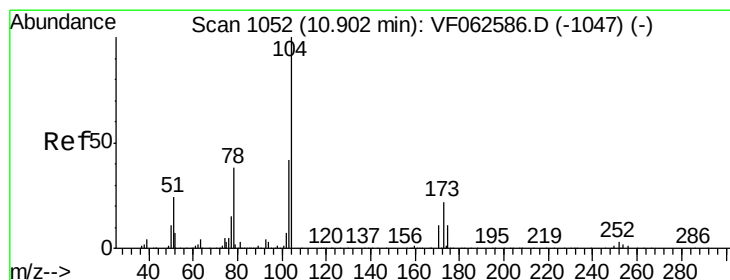
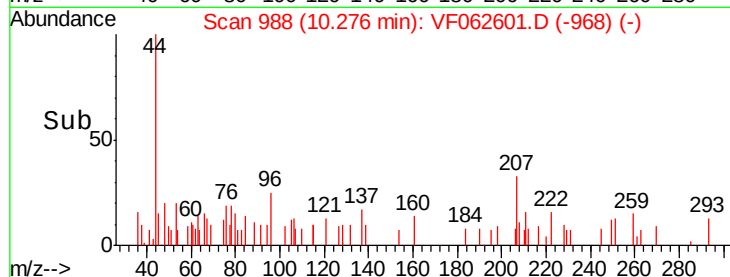
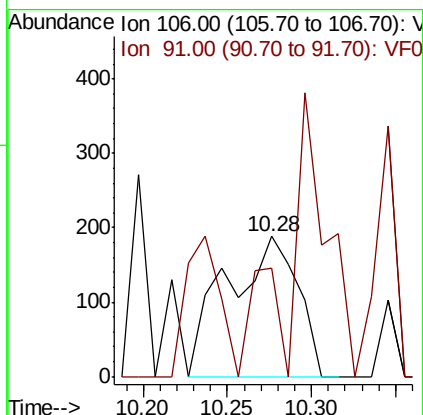
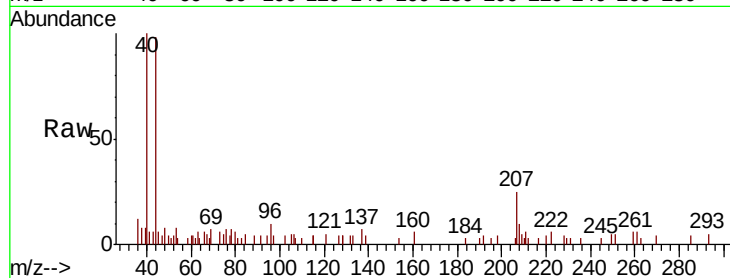




#68  
m/p-Xvlenes  
Concen: 2.264 ug/l  
RT: 10.28 min Scan# 988  
Delta R.T. -0.00 min  
Lab File: VF062601.D  
Acq: 15 May 2019 1:21

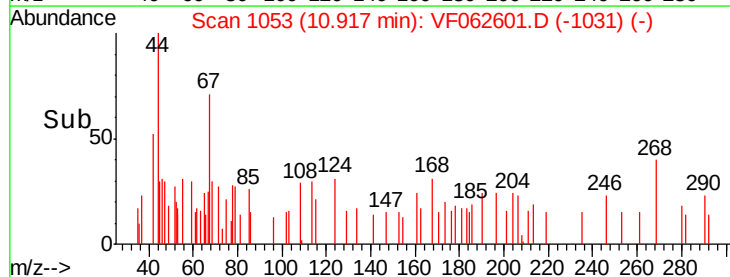
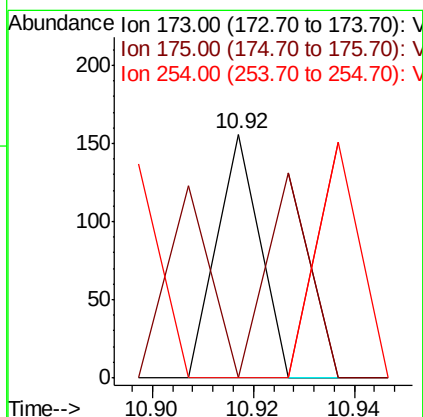
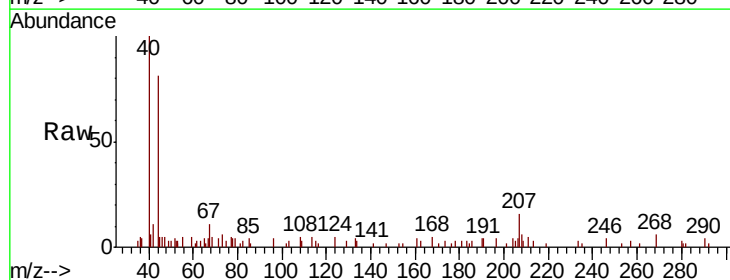
Instrument :  
MSVOA\_F  
ClientSampleId :  
P021-SS008-0206-02RE

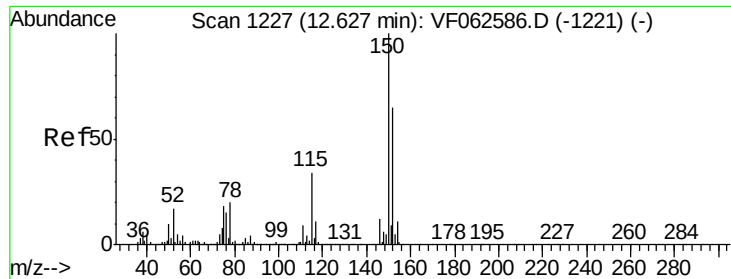
Tot Ion:106 Resp: 550  
Ion Ratio Lower Upper  
106 100  
91 77.7 150.5 225.7#



#71  
Bromoform  
Concen: 1.233 ug/l  
RT: 10.92 min Scan# 1053  
Delta R.T. 0.02 min  
Lab File: VF062601.D  
Acq: 15 May 2019 1:21

Tgt Ion:173 Resp: 92  
Ion Ratio Lower Upper  
173 100  
175 0.0 24.1 72.3#  
254 0.0 0.0 0.0



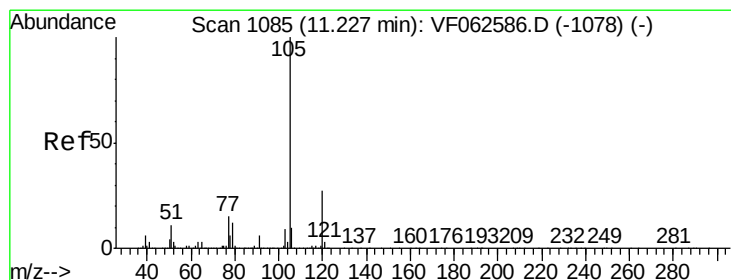
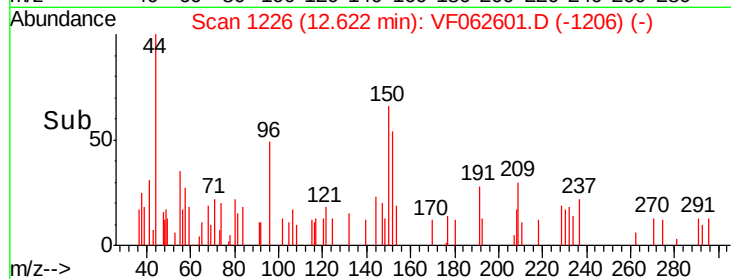
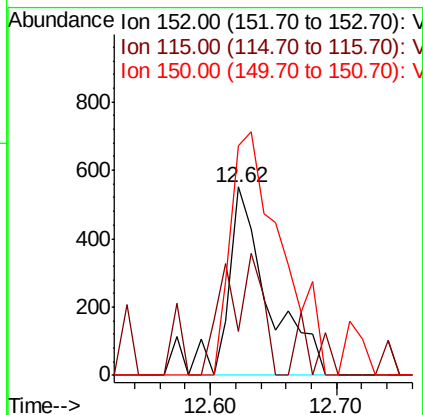
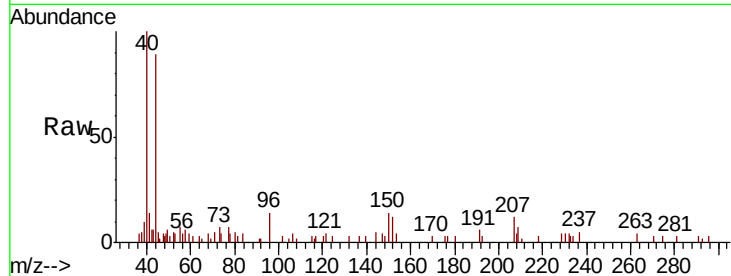


#72

1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.62 min Scan# 1226  
Delta R.T. -0.00 min  
Lab File: VF062601.D  
Acq: 15 May 2019 1:21

Instrument :  
MSVOA\_F  
ClientSampleId :  
P021-SS008-0206-02RE

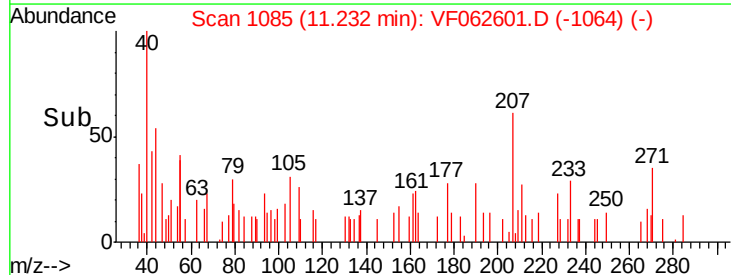
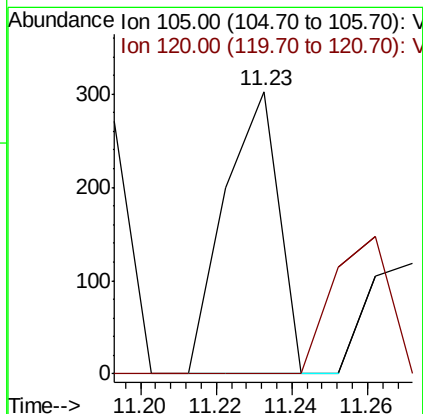
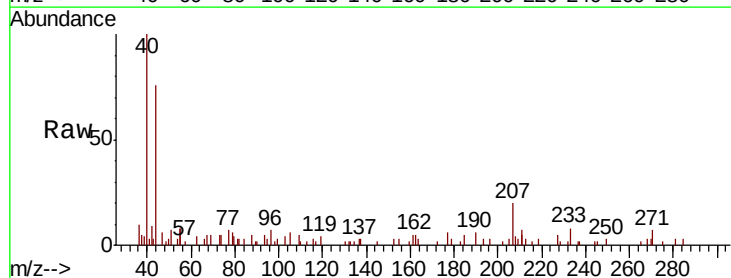
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 23.0  | 26.2  | 78.6# |
| 150     | 122.1 | 0.0   | 316.0 |

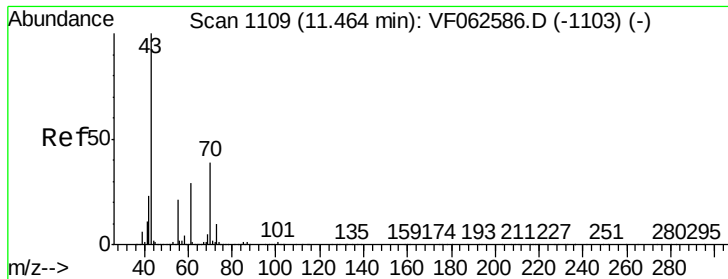


#73

Isopropylbenzene  
Concen: 3.675 ug/l  
RT: 11.23 min Scan# 1085  
Delta R.T. 0.01 min  
Lab File: VF062601.D  
Acq: 15 May 2019 1:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 0.0   | 13.5  | 40.4# |





#74

N-amvl acetate

Concen: 27.161 ug/l

RT: 11.48 min Scan# 1110

Delta R.T. 0.02 min

Lab File: VF062601.D

Acq: 15 May 2019 1:21

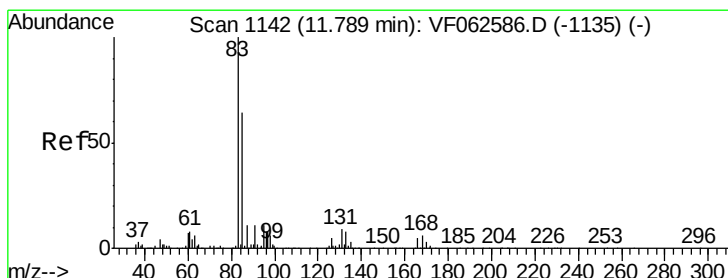
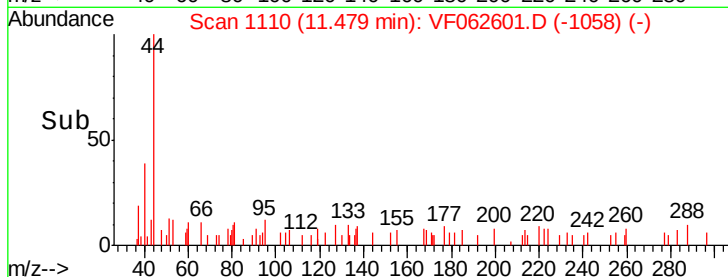
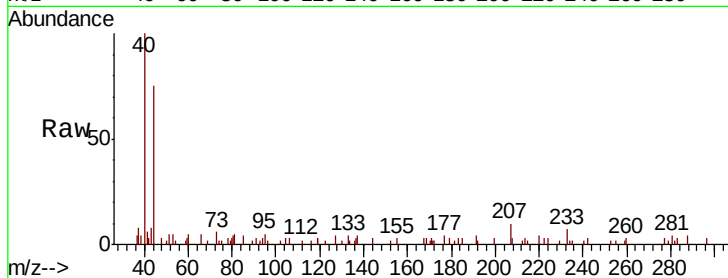
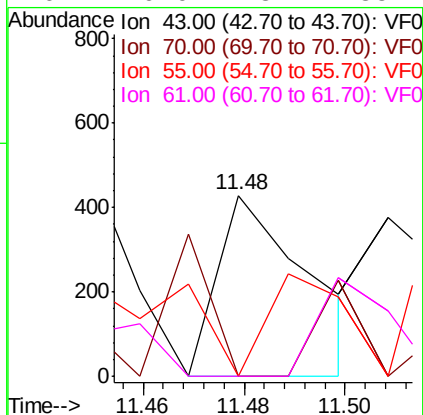
Instrument :

MSVOA\_F

ClientSampleId :

P021-SS008-0206-02RE

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 533   |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 70       | 0.0   | 31.0  | 46.4# |
| 55       | 0.0   | 16.7  | 25.1# |
| 61       | 0.0   | 23.4  | 35.2# |



#75

1,1,2,2-Tetrachloroethane

Concen: 9.422 ug/l

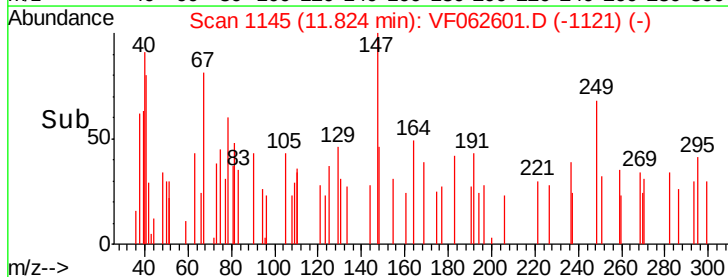
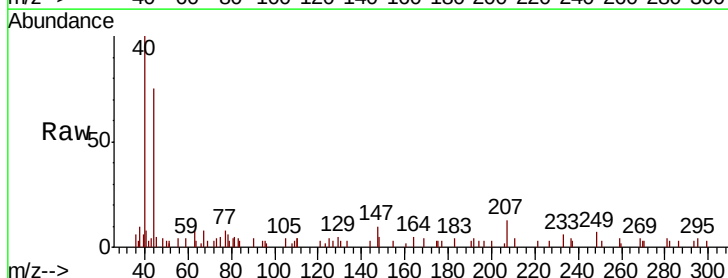
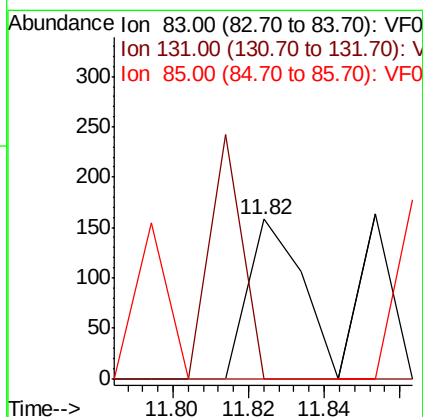
RT: 11.82 min Scan# 1145

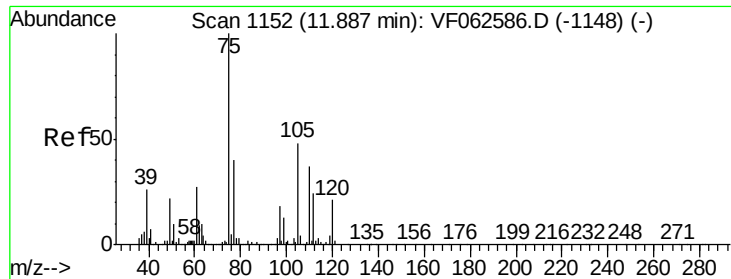
Delta R.T. 0.04 min

Lab File: VF062601.D

Acq: 15 May 2019 1:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 156   |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 0.0   | 4.6   | 13.8# |
| 85       | 0.0   | 32.1  | 96.3# |





#76

1,2,3-Trichloropropane

Concen: 21.198 ug/l

RT: 11.88 min Scan# 1151

Delta R.T. -0.00 min

Lab File: VF062601.D

Acq: 15 May 2019 1:21

Instrument :

MSVOA\_F

ClientSampleId :

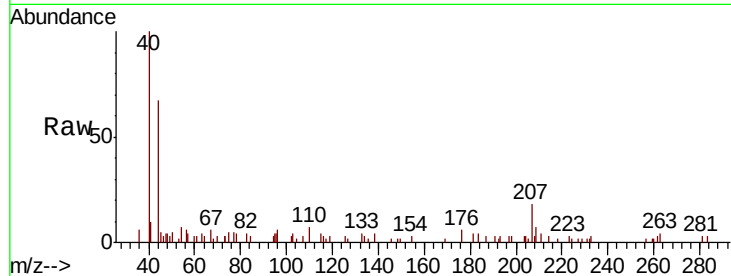
P021-SS008-0206-02RE

Tot Ion: 75 Resp: 225

Ion Ratio Lower Upper

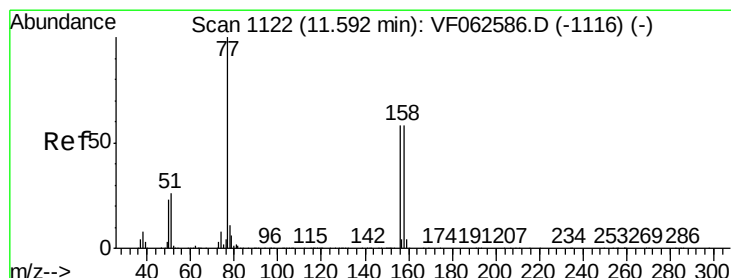
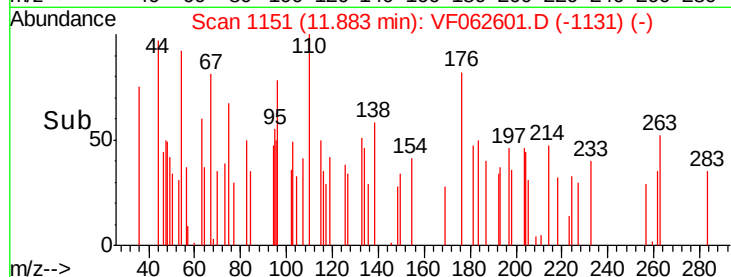
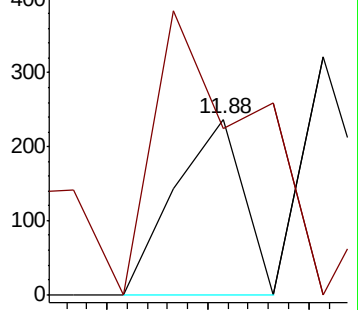
75 100

77 94.5 20.4 61.3#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0



#77

Bromobenzene

Concen: 4.599 ug/l

RT: 11.56 min Scan# 1118

Delta R.T. -0.03 min

Lab File: VF062601.D

Acq: 15 May 2019 1:21

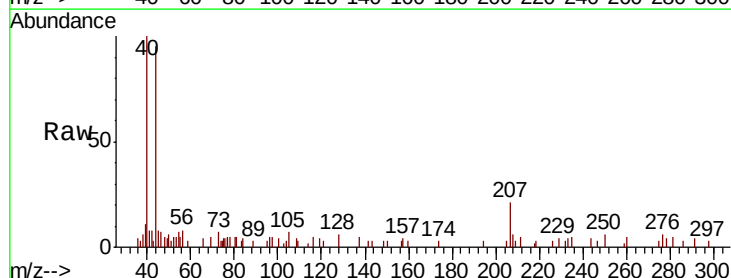
Tgt Ion: 156 Resp: 84

Ion Ratio Lower Upper

156 100

77 270.4 86.5 259.5#

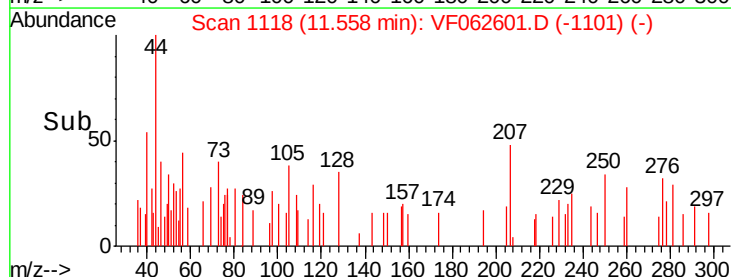
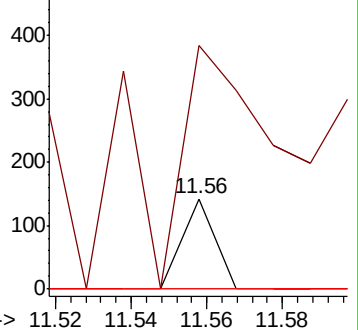
158 0.0 50.3 150.9#

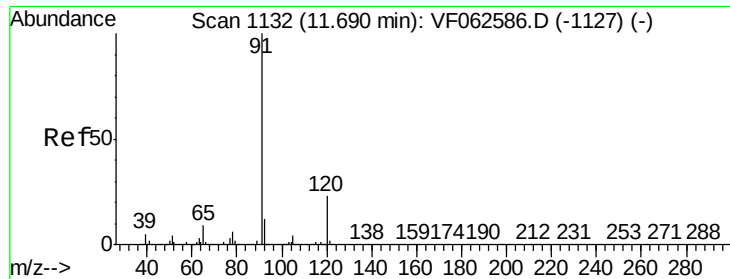


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V





#78

n-propylbenzene

Concen: 2.174 ug/l

RT: 11.69 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VF062601.D

Acq: 15 May 2019 1:21

Instrument :

MSVOA\_F

ClientSampleId :

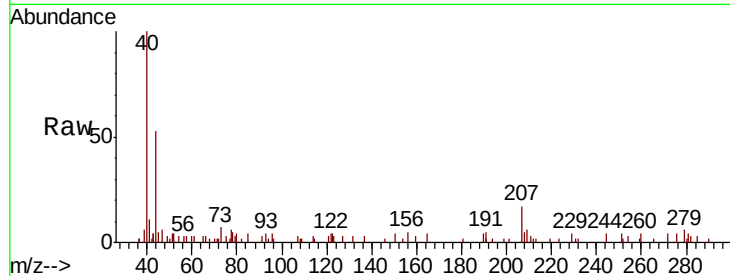
P021-SS008-0206-02RE

Tot Ion: 91 Resp: 209

Ion Ratio Lower Upper

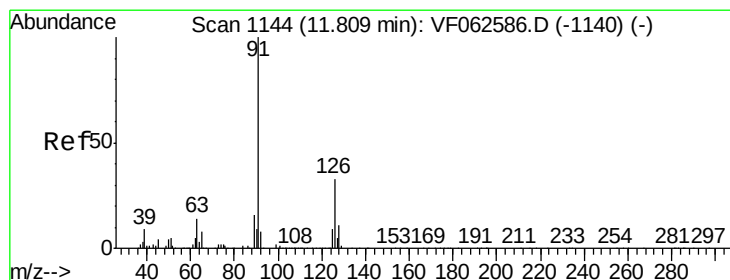
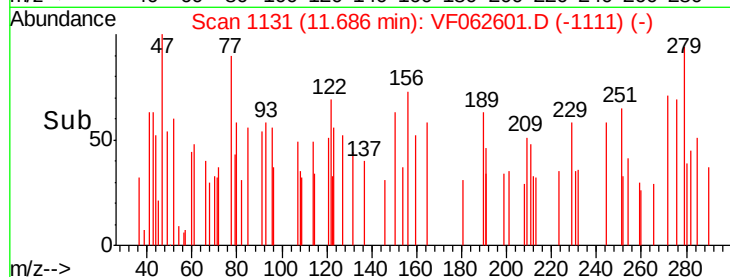
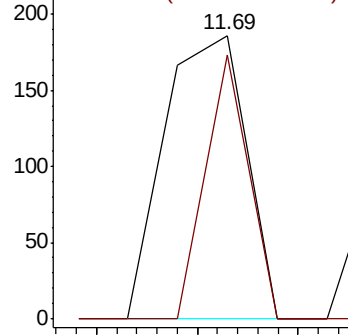
91 100

120 93.0 11.7 35.1#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 10.612 ug/l

RT: 11.77 min Scan# 1140

Delta R.T. -0.03 min

Lab File: VF062601.D

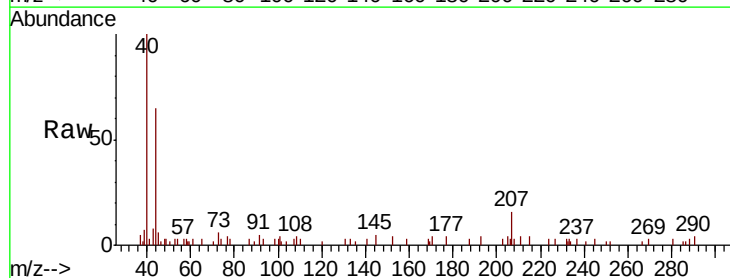
Acq: 15 May 2019 1:21

Tgt Ion: 91 Resp: 563

Ion Ratio Lower Upper

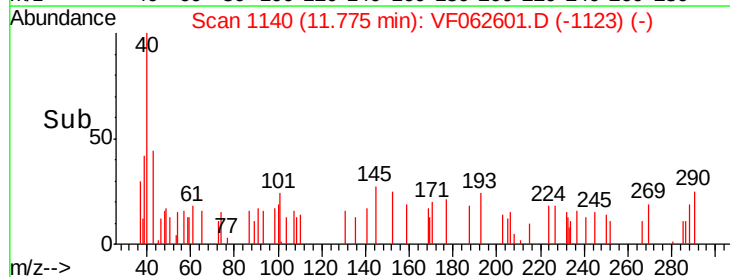
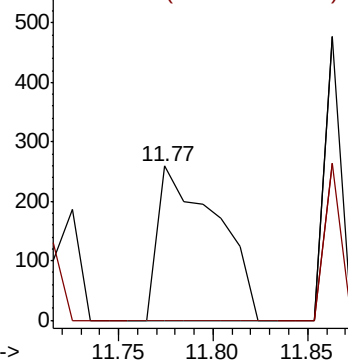
91 100

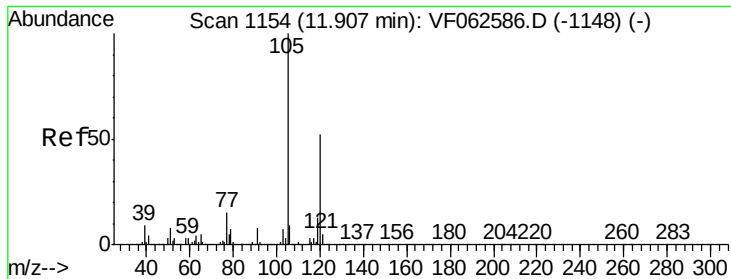
126 0.0 16.6 49.8#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V





#80

1,3,5-Trimethylbenzene

Concen: 3.557 ug/l

RT: 11.91 min Scan# 1154

Delta R.T. 0.01 min

Lab File: VF062601.D

Acq: 15 May 2019 1:21

Instrument :

MSVOA\_F

ClientSampleId :

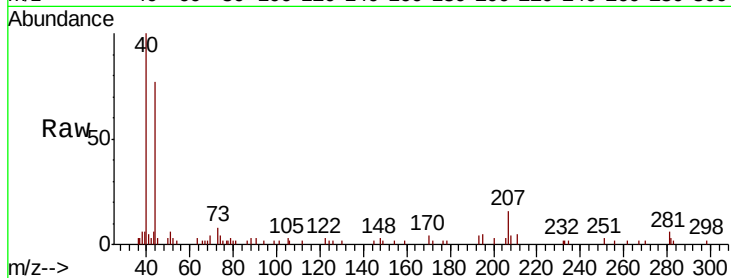
P021-SS008-0206-02RE

Tot Ion:105 Resp: 225

Ion Ratio Lower Upper

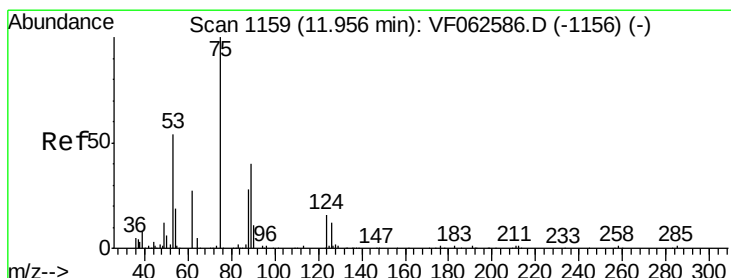
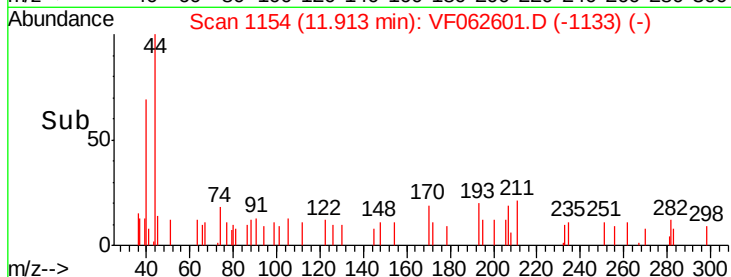
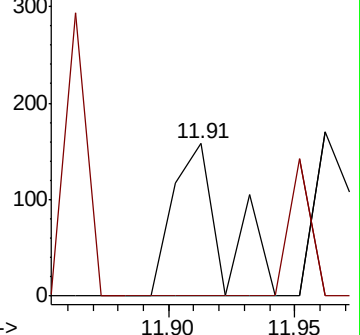
105 100

120 0.0 25.9 77.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 40.670 ug/l

RT: 11.97 min Scan# 1160

Delta R.T. 0.02 min

Lab File: VF062601.D

Acq: 15 May 2019 1:21

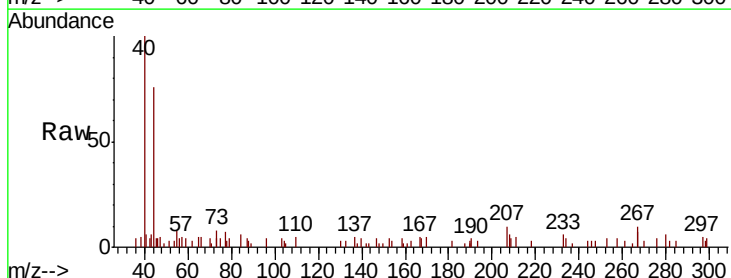
Tgt Ion: 75 Resp: 184

Ion Ratio Lower Upper

75 100

53 0.0 46.6 70.0#

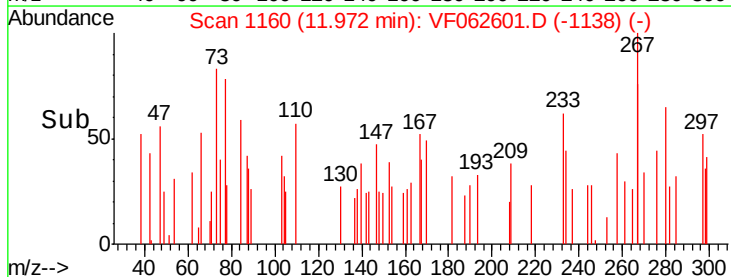
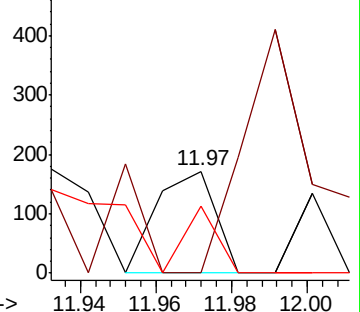
89 65.1 33.8 50.8#

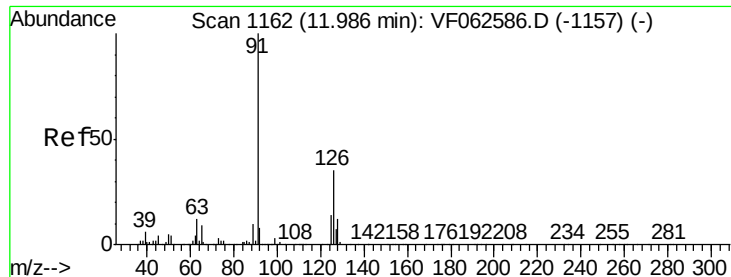


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 89.00 (88.70 to 89.70): VF0

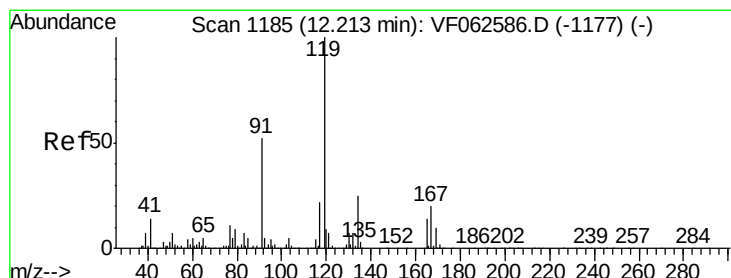
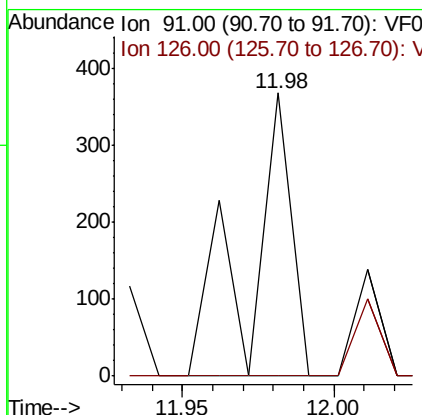
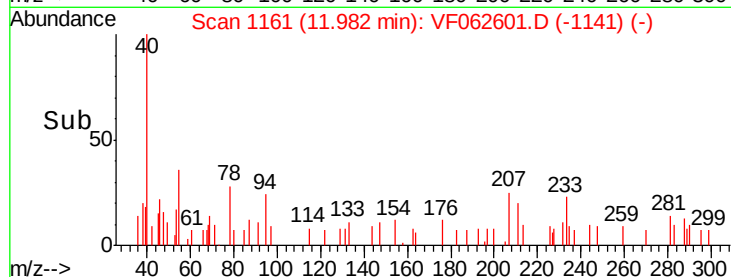
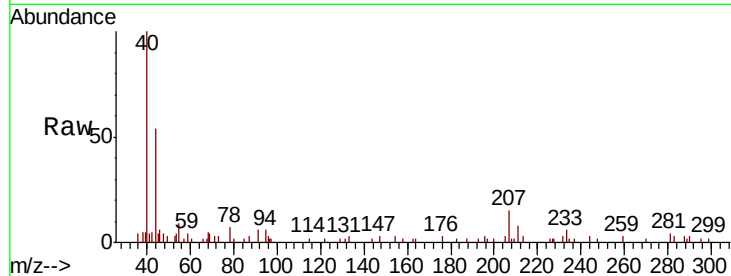




#82  
4-Chlorotoluene  
Concen: 6.805 ug/l  
RT: 11.98 min Scan# 1161  
Delta R.T. -0.00 min  
Lab File: VF062601.D  
Acq: 15 May 2019 1:21

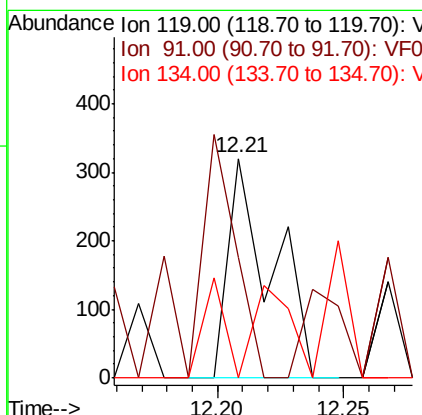
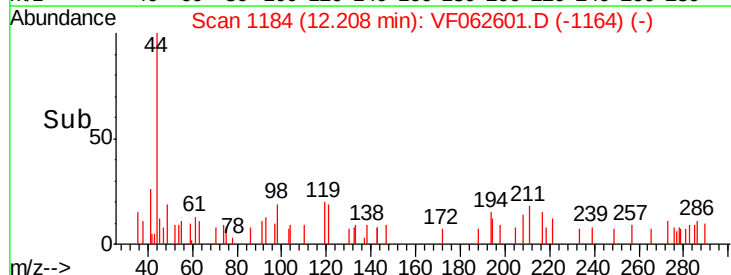
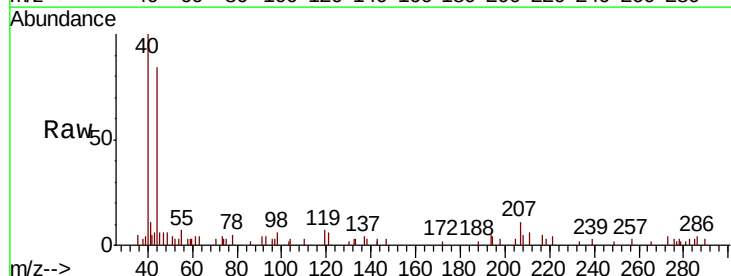
Instrument :  
MSVOA\_F  
ClientSampleId :  
P021-SS008-0206-02RE

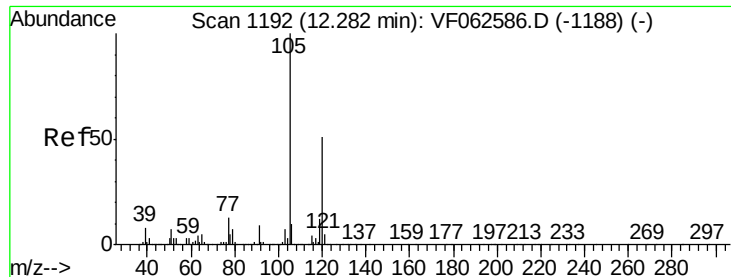
Tot Ion: 91 Resp: 353  
Ion Ratio Lower Upper  
91 100  
126 0.0 17.5 52.5#



#83  
tert-Butylbenzene  
Concen: 5.818 ug/l  
RT: 12.21 min Scan# 1184  
Delta R.T. -0.00 min  
Lab File: VF062601.D  
Acq: 15 May 2019 1:21

Tgt Ion: 119 Resp: 385  
Ion Ratio Lower Upper  
119 100  
91 54.7 26.0 78.0  
134 0.0 12.6 37.8#

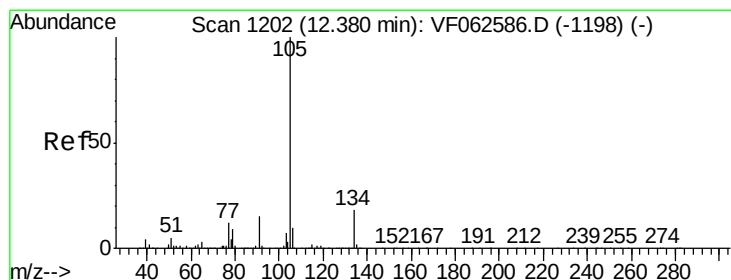
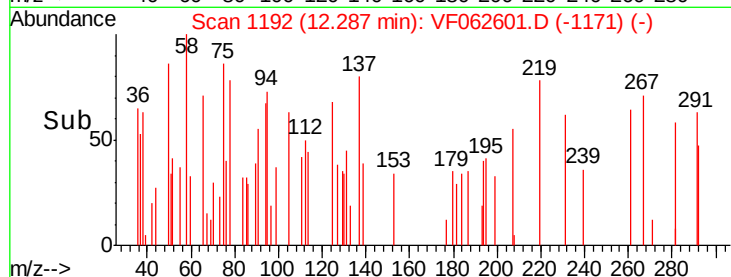
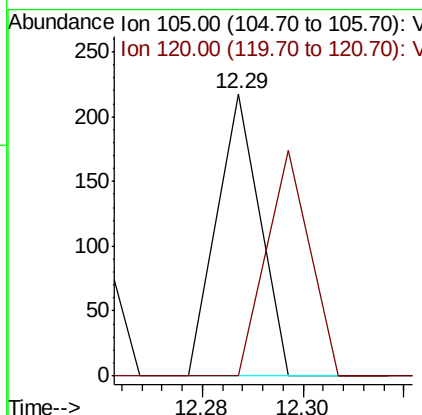
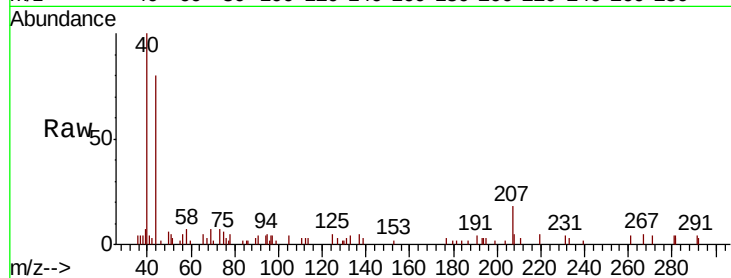




#84  
 1,2,4-Trimethylbenzene  
 Concen: 2.076 ug/l  
 RT: 12.29 min Scan# 1192  
 Delta R.T. 0.01 min  
 Lab File: VF062601.D  
 Acq: 15 May 2019 1:21

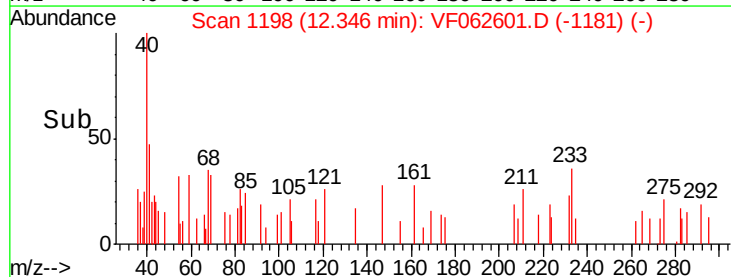
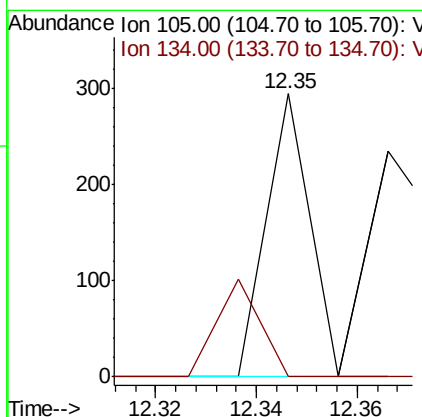
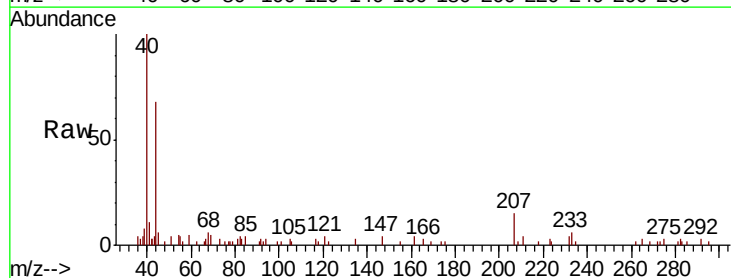
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 P021-SS008-0206-02RE

Tot Ion:105 Resp: 129  
 Ion Ratio Lower Upper  
 105 100  
 120 0.0 25.4 76.0#

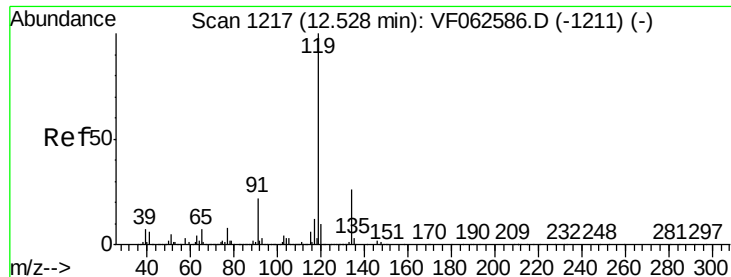


#85  
 sec-Butylbenzene  
 Concen: 1.937 ug/l  
 RT: 12.35 min Scan# 1198  
 Delta R.T. -0.03 min  
 Lab File: VF062601.D  
 Acq: 15 May 2019 1:21

Tgt Ion:105 Resp: 174  
 Ion Ratio Lower Upper  
 105 100  
 134 0.0 9.3 27.7#



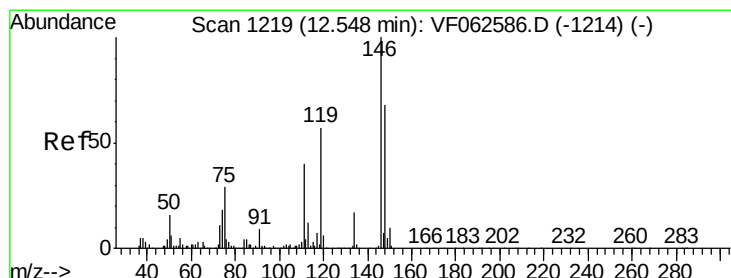
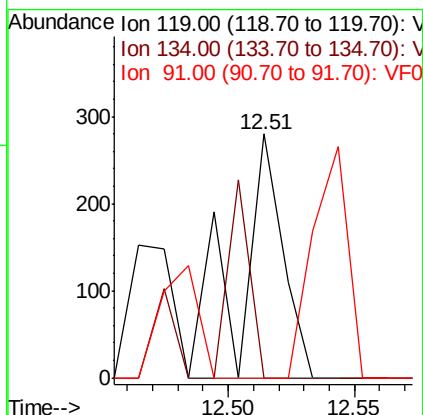
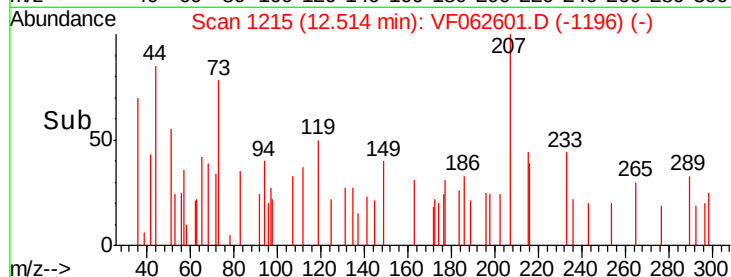
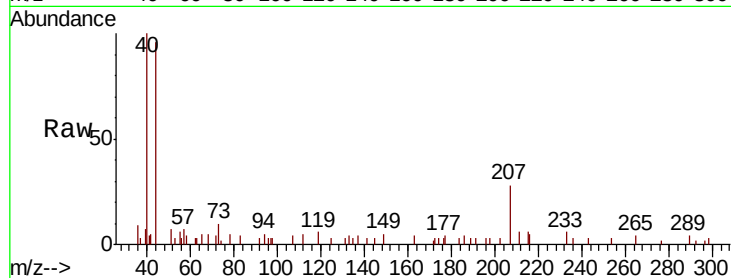




#86  
p-Isopropyltoluene  
Concen: 4.651 ug/l  
RT: 12.51 min Scan# 1215  
Delta R.T. -0.01 min  
Lab File: VF062601.D  
Acq: 15 May 2019 1:21

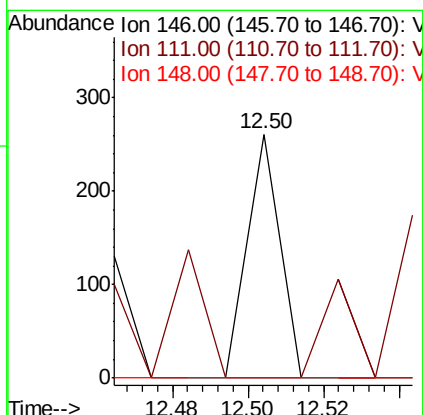
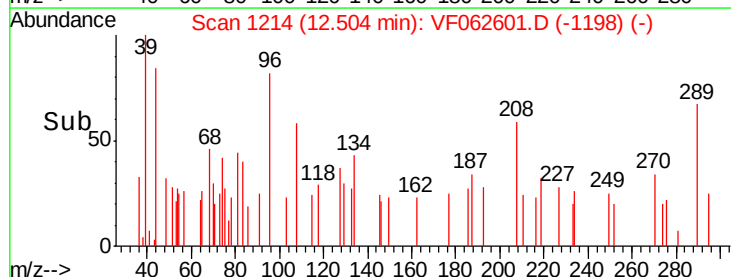
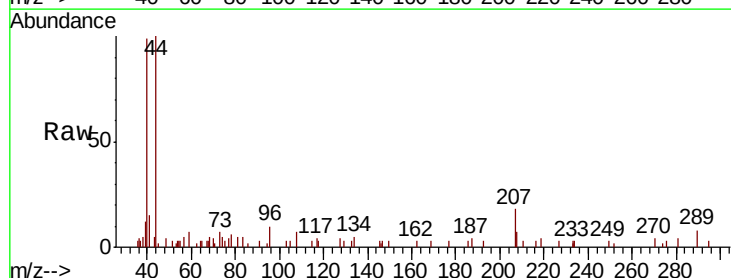
Instrument :  
MSVOA\_F  
ClientSampleId :  
P021-SS008-0206-02RE

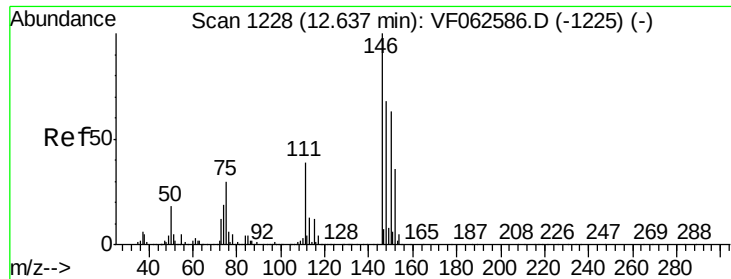
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 0.0   | 13.0  | 39.0# |
| 91      | 0.0   | 10.9  | 32.9# |



#87  
1,3-Dichlorobenzene  
Concen: 4.311 ug/l  
RT: 12.50 min Scan# 1214  
Delta R.T. -0.04 min  
Lab File: VF062601.D  
Acq: 15 May 2019 1:21

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 146     | 100   |       |        |
| 111     | 0.0   | 20.1  | 60.2#  |
| 148     | 0.0   | 34.0  | 101.8# |

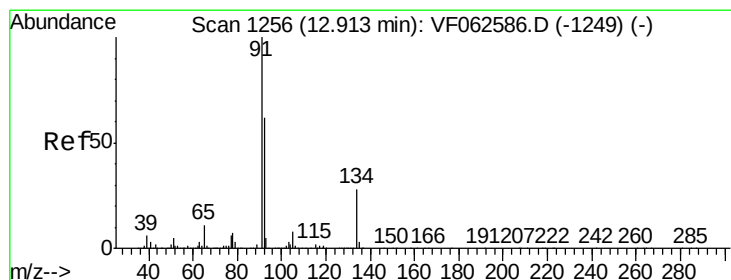
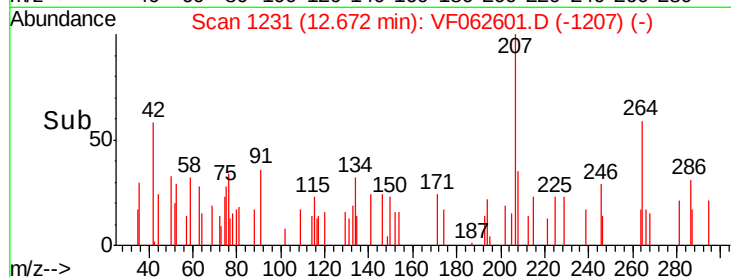
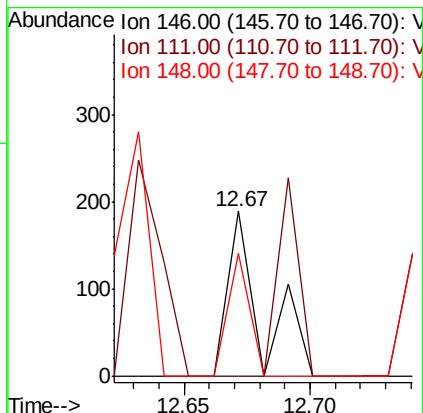
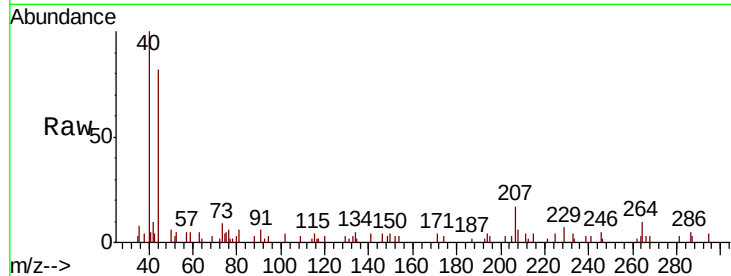




#88  
 1,4-Dichlorobenzene  
 Concen: 5.193 ug/l  
 RT: 12.67 min Scan# 1231  
 Delta R.T. 0.04 min  
 Lab File: VF062601.D  
 Acq: 15 May 2019 1:21

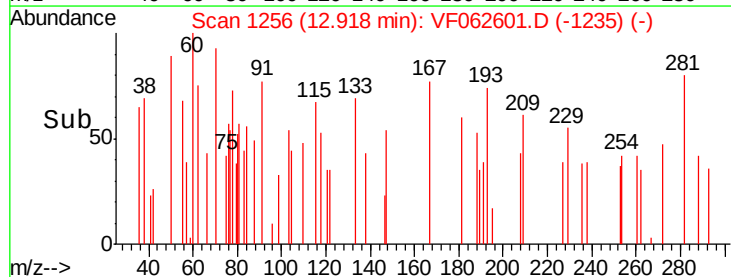
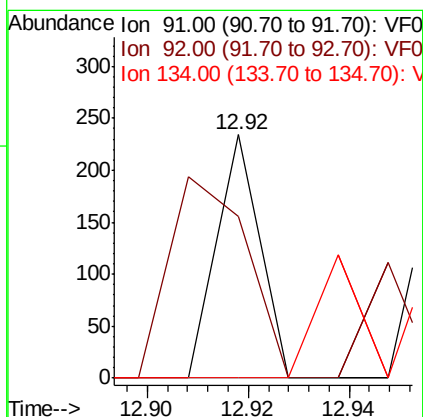
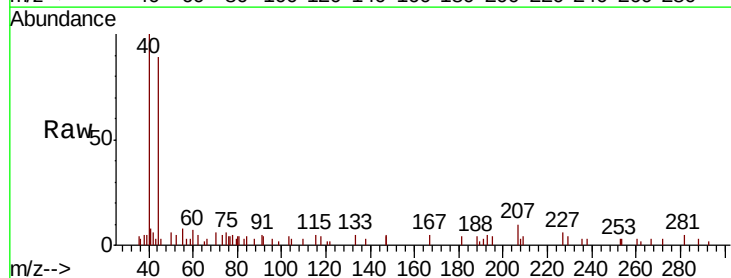
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 P021-SS008-0206-02RE

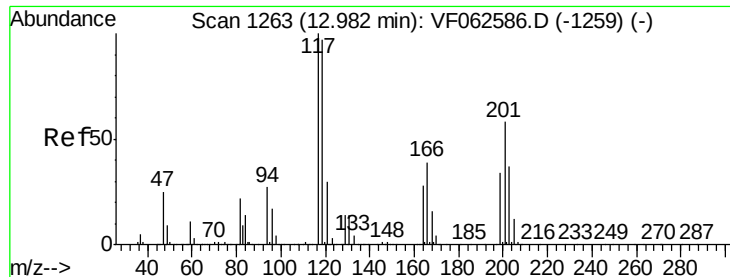
Tot Ion:146 Resp: 174  
 Ion Ratio Lower Upper  
 146 100  
 111 0.0 19.4 58.1#  
 148 74.6 34.2 102.5



#89  
 n-Butylbenzene  
 Concen: 1.833 ug/l  
 RT: 12.92 min Scan# 1256  
 Delta R.T. 0.01 min  
 Lab File: VF062601.D  
 Acq: 15 May 2019 1:21

Tgt Ion: 91 Resp: 138  
 Ion Ratio Lower Upper  
 91 100  
 92 66.7 30.9 92.8  
 134 0.0 13.9 41.6#





#90

Hexachloroethane

Concen: 5.015 ug/l

RT: 13.01 min Scan# 1265

Delta R.T. 0.03 min

Lab File: VF062601.D

Acq: 15 May 2019 1:21

Instrument :

MSVOA\_F

ClientSampleId :

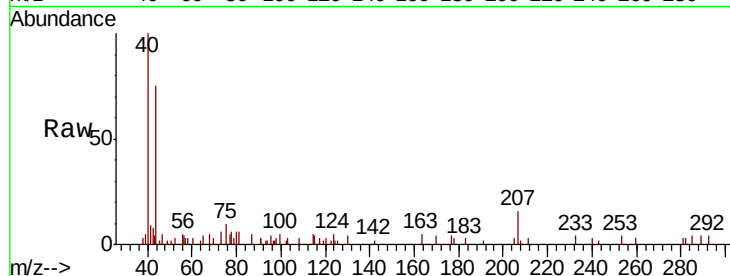
P021-SS008-0206-02RE

Tot Ion:117 Resp: 95

Ion Ratio Lower Upper

117 100

201 0.0 29.7 89.1#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V

13.01

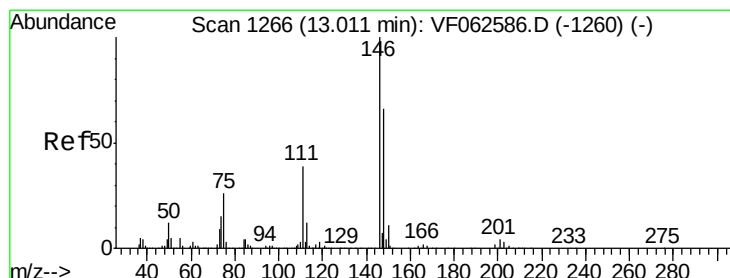
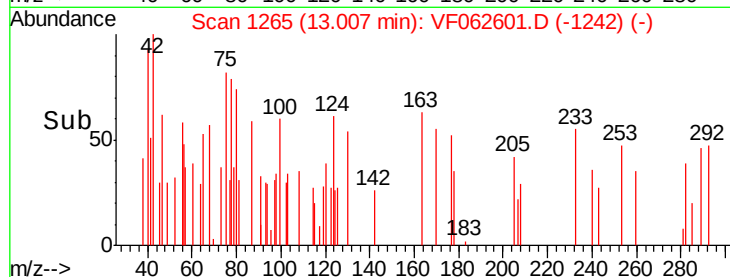
150

100

50

0

Time-->



#91

1,2-Dichlorobenzene

Concen: 2.556 ug/l

RT: 13.02 min Scan# 1266

Delta R.T. 0.01 min

Lab File: VF062601.D

Acq: 15 May 2019 1:21

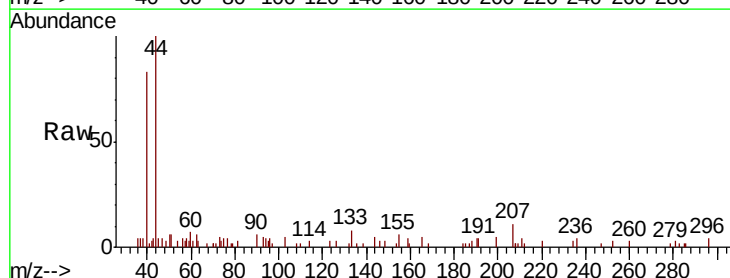
Tgt Ion:146 Resp: 81

Ion Ratio Lower Upper

146 100

111 0.0 19.4 58.2#

148 121.2 33.1 99.5#



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

13.02

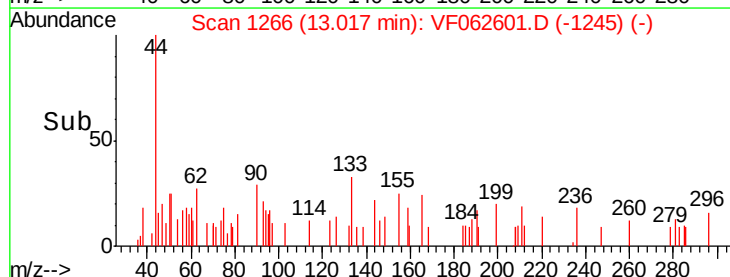
150

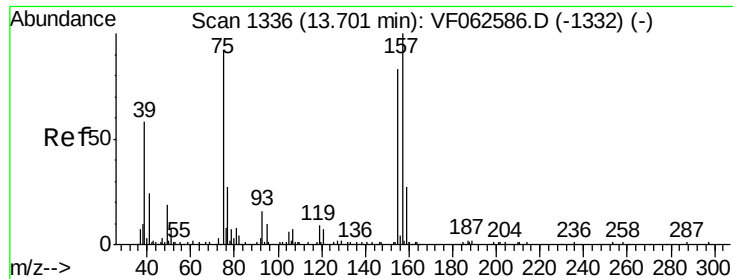
100

50

0

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 65.888 ug/l

RT: 13.72 min Scan# 1337

Delta R.T. 0.02 min

Lab File: VF062601.D

Acq: 15 May 2019 1:21

Instrument :

MSVOA\_F

ClientSampleId :

P021-SS008-0206-02RE

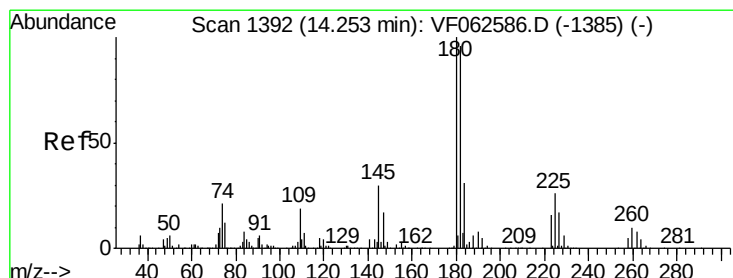
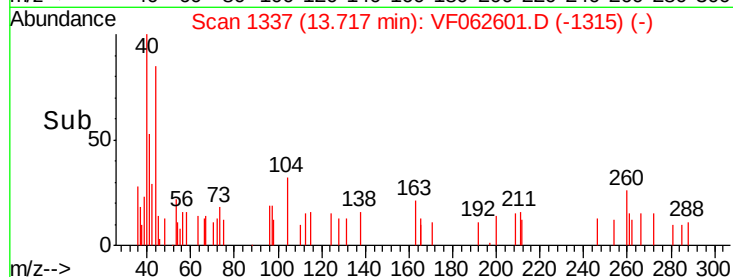
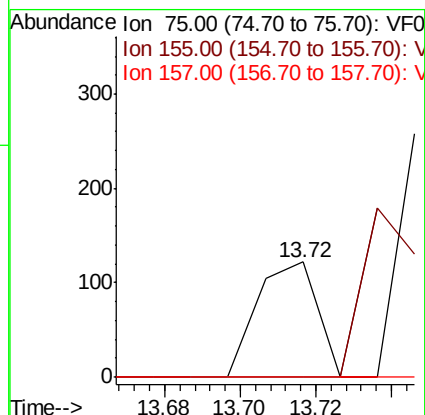
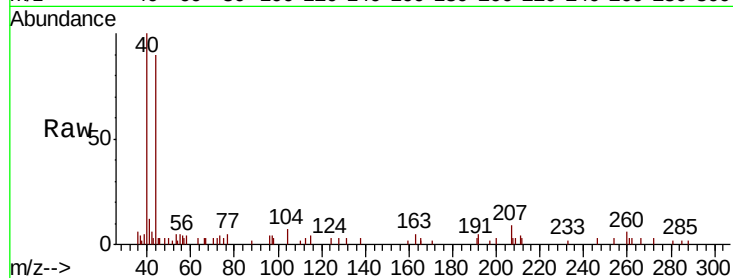
Tot Ion: 75 Resp: 134

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

157 0.0 54.1 162.3#



#93

1,2,4-Trichlorobenzene

Concen: 4.311 ug/l

RT: 14.27 min Scan# 1393

Delta R.T. 0.02 min

Lab File: VF062601.D

Acq: 15 May 2019 1:21

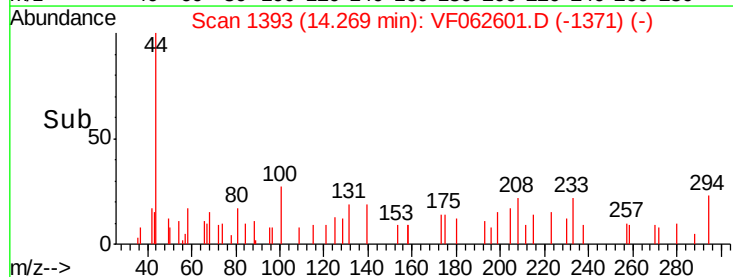
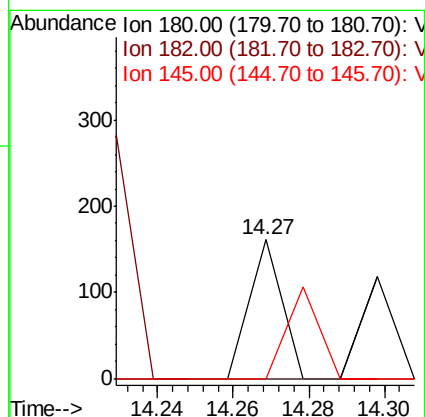
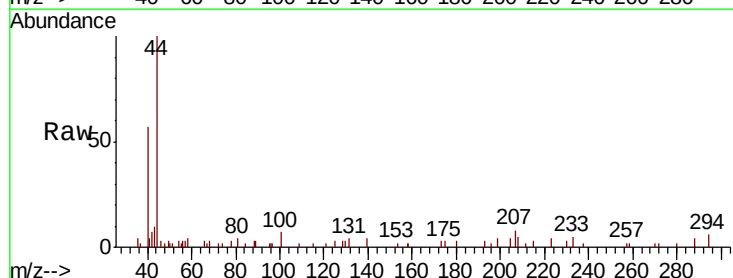
Tgt Ion: 180 Resp: 95

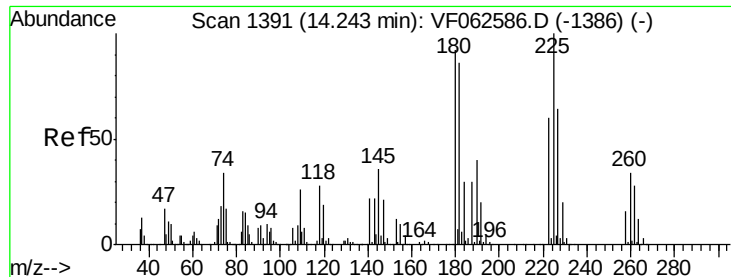
Ion Ratio Lower Upper

180 100

182 0.0 47.9 143.8#

145 0.0 14.8 44.4#





#94

Hexachlorobutadiene

Concen: 6.184 ug/l

RT: 14.25 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VF062601.D

Acq: 15 May 2019 1:21

Instrument :

MSVOA\_F

ClientSampleId :

P021-SS008-0206-02RE

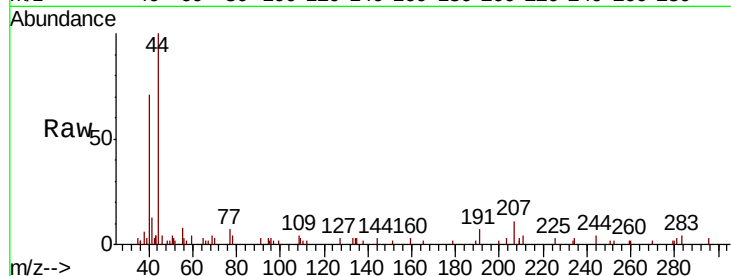
Tot Ion:225 Resp: 99

Ion Ratio Lower Upper

225 100

223 0.0 29.9 89.7#

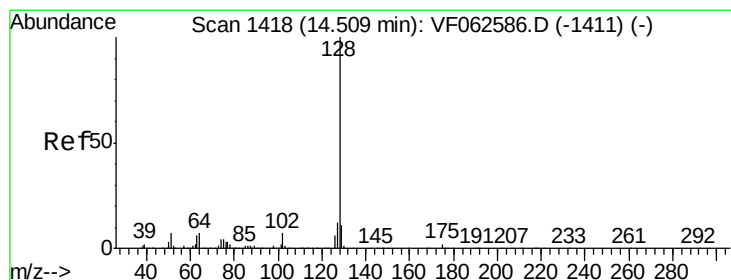
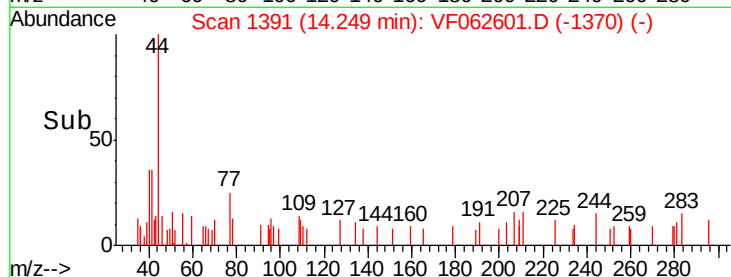
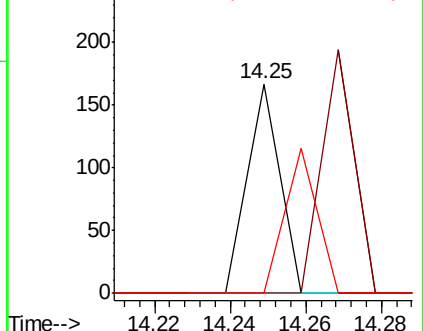
227 0.0 31.9 95.9#



Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V



#95

Naphthalene

Concen: 3.764 ug/l

RT: 14.52 min Scan# 1419

Delta R.T. 0.02 min

Lab File: VF062601.D

Acq: 15 May 2019 1:21

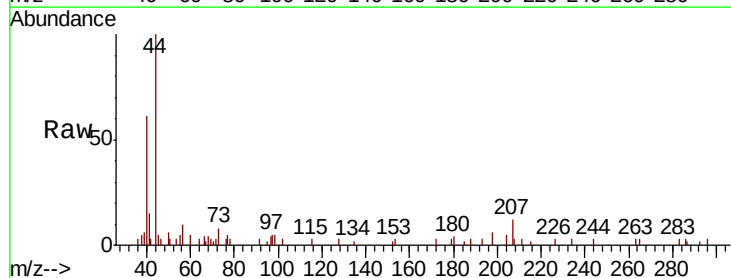
Tgt Ion:128 Resp: 135

Ion Ratio Lower Upper

128 100

127 0.0 9.5 14.3#

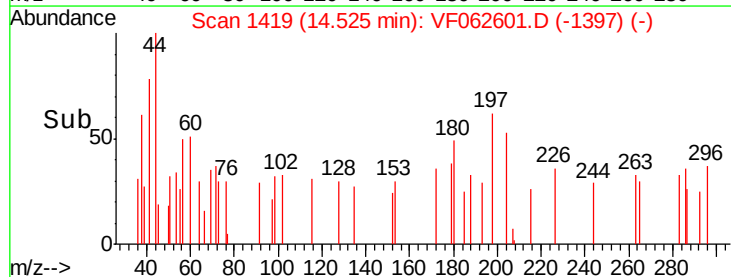
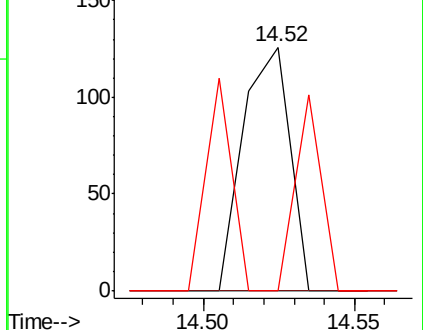
129 0.0 8.6 13.0#

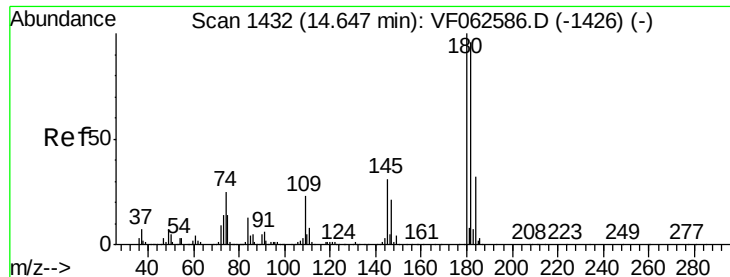


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 4.794 ug/l

RT: 14.60 min Scan# 1427

Delta R.T. -0.04 min

Lab File: VF062601.D

Acq: 15 May 2019 1:21

Instrument :

MSVOA\_F

ClientSampleId :

P021-SS008-0206-02RE

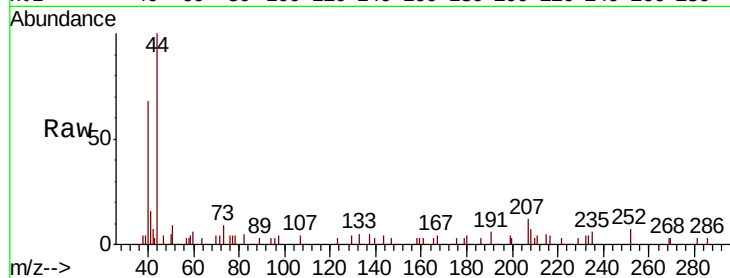
Tot Ion:180 Resp: 98

Ion Ratio Lower Upper

180 100

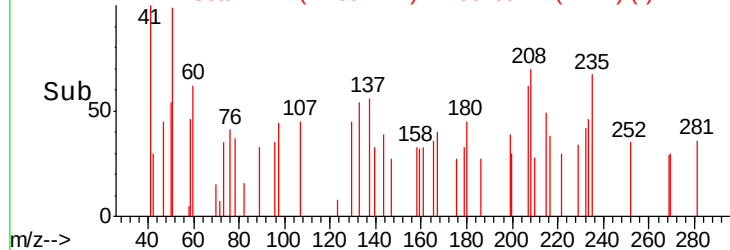
182 0.0 48.1 144.3#

145 0.0 15.6 46.7#



Abundance

Scan 1427 (14.604 min): VF062601.D (-1411) (-)



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

