

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092420\  
 Data File : VX018568.D  
 Acq On : 24 Sep 2020 13:39  
 Operator : JC/SP  
 Sample : L4118-05  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE132D4-20200918

Quant Time: Sep 25 01:05:42 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X091720W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 17 12:17:36 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 452251   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.84  | 114  | 732226   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 714327   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 363292   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 329128   | 51.44 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.88% |          |
| 35) Dibromofluoromethane    | 5.47  | 113  | 254269   | 50.23 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.46% |          |
| 50) Toluene-d8              | 8.70  | 98   | 901885   | 49.04 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.08%  |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 332247   | 45.41 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 90.82%  |          |

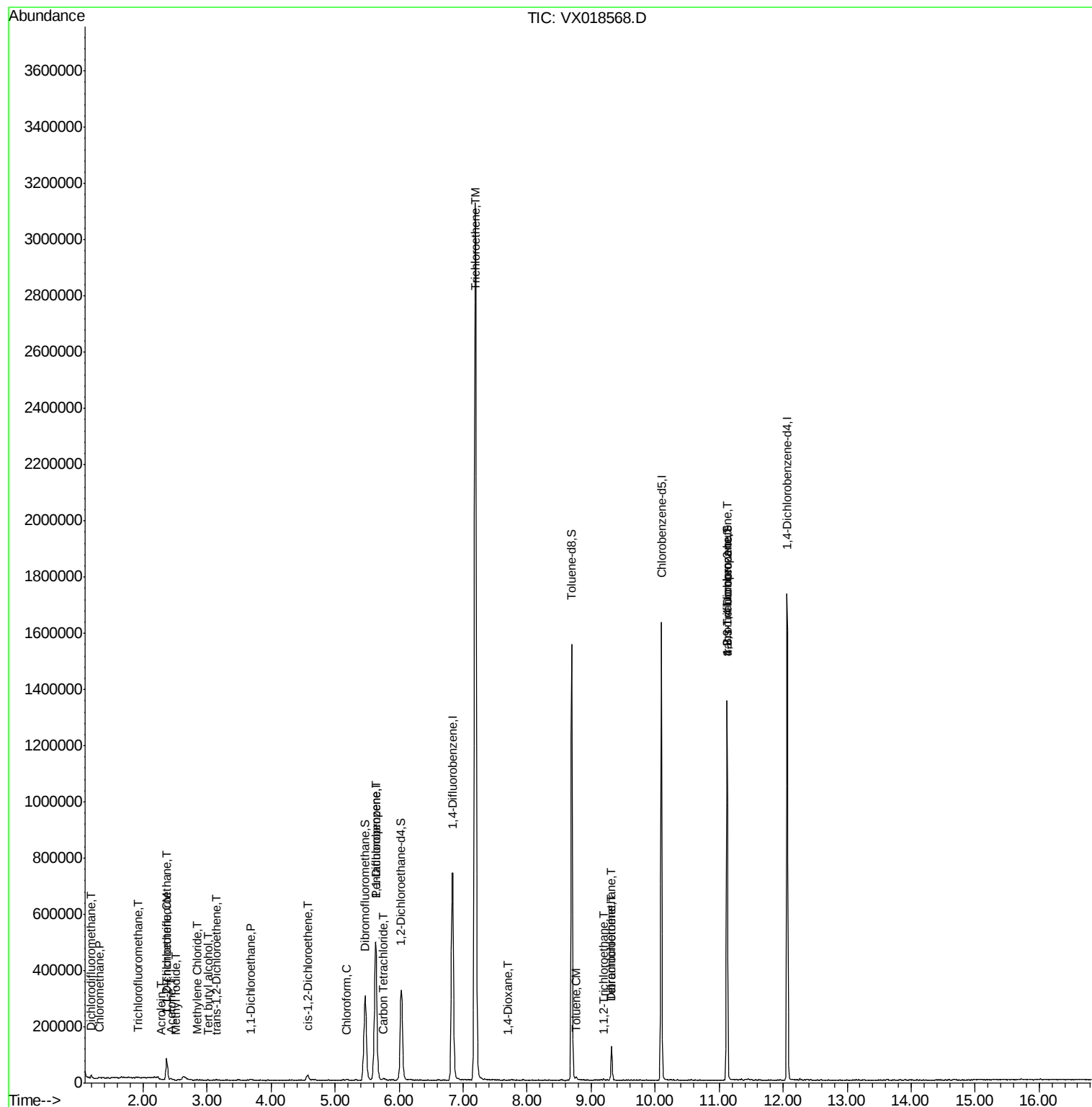
| Target Compounds               | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|--------------------------------|-------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane     | 1.18  | 85   | 2851     | 0.665   | ug/l   | 95     |
| 3) Chloromethane               | 1.31  | 50   | 3054     | 0.608   | ug/l   | 89     |
| 7) Trichlorofluoromethane      | 1.92  | 101  | 1992     | 0.247   | ug/l   | 87     |
| 9) 1,1,2-Trichlorotrifluoroet  | 2.37  | 101  | 25929    | 5.967   | ug/l   | 96     |
| 10) Methyl Iodide              | 2.50  | 142  | 343      | 4.972   | ug/l # | 81     |
| 11) Tert butyl alcohol         | 3.01  | 59   | 699      | 0.628   | ug/l # | 1      |
| 12) 1,1-Dichloroethene         | 2.36  | 96   | 4934     | 1.127   | ug/l   | 87     |
| 13) Acrolein                   | 2.28  | 56   | 207      | 0.294   | ug/l   | 92     |
| 16) Acetone                    | 2.43  | 43   | 5186     | 2.120   | ug/l # | 79     |
| 20) Methylene Chloride         | 2.84  | 84   | 2115     | 0.392   | ug/l # | 76     |
| 21) trans-1,2-Dichloroethene   | 3.14  | 96   | 1078     | 0.212   | ug/l # | 92     |
| 24) 1,1-Dichloroethane         | 3.67  | 63   | 3693     | 0.401   | ug/l # | 85     |
| 27) cis-1,2-Dichloroethene     | 4.57  | 96   | 12248    | 2.147   | ug/l   | 86     |
| 30) Chloroform                 | 5.18  | 83   | 3591     | 0.385   | ug/l # | 83     |
| 36) 1,1-Dichloropropene        | 5.64  | 75   | 34424    | 4.844   | ug/l # | 52     |
| 38) Carbon Tetrachloride       | 5.76  | 117  | 3717     | 0.472   | ug/l # | 84     |
| 44) Trichloroethene            | 7.19  | 130  | 1187375  | 201.381 | ug/l   | 98     |
| 49) 1,4-Dioxane                | 7.69  | 88   | 226      | 2.231   | ug/l # | 1      |
| 52) Toluene                    | 8.77  | 92   | 3153     | 0.246   | ug/l   | 86     |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 1433     | 0.269   | ug/l # | 81     |
| 60) Dibromochloromethane       | 9.32  | 129  | 21285    | 3.356   | ug/l # | 10     |
| 64) Tetrachloroethene          | 9.32  | 164  | 23623    | 4.201   | ug/l   | 94     |
| 76) 1,2,3-Trichloropropane     | 11.12 | 75   | 174612   | 22.872  | ug/l # | 36     |
| 81) trans-1,4-Dichloro-2-buten | 11.12 | 75   | 174612   | 58.609  | ug/l # | 12     |

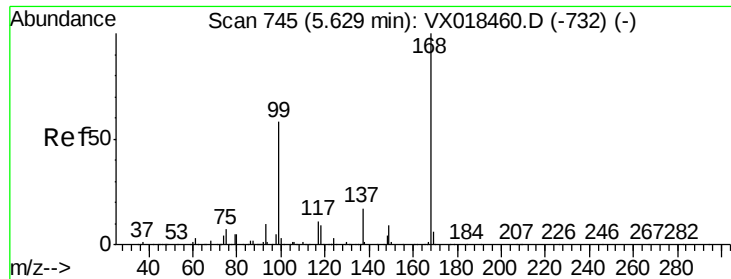
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X091720W.M  
Quant Title : SW846 8260  
QLast Update : Thu Sep 17 12:17:36 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018568.D

Acq: 24 Sep 2020 13:39

Instrument :

MSVOA\_X

ClientSampleId :

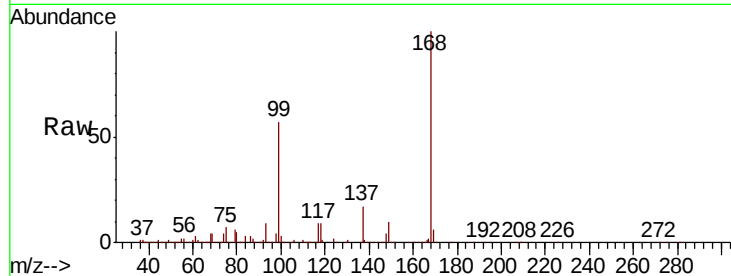
RE132D4-20200918

Tot Ion:168 Resp: 452251

Ion Ratio Lower Upper

168 100

99 57.2 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

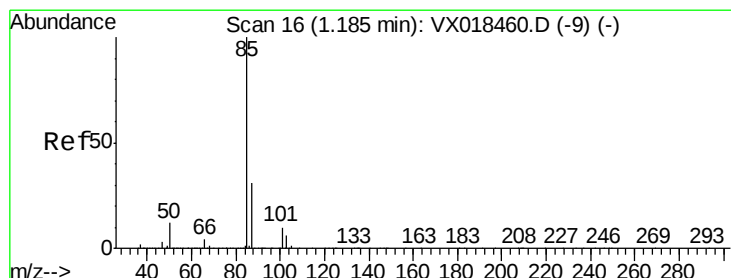
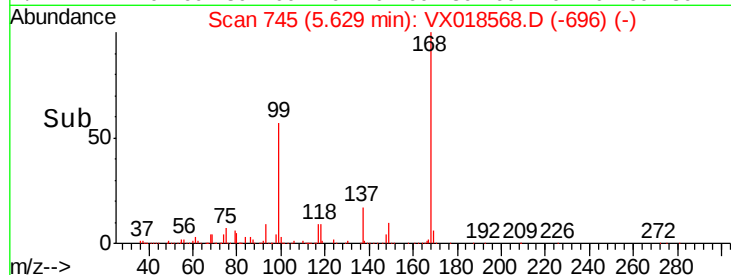
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.665 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018568.D

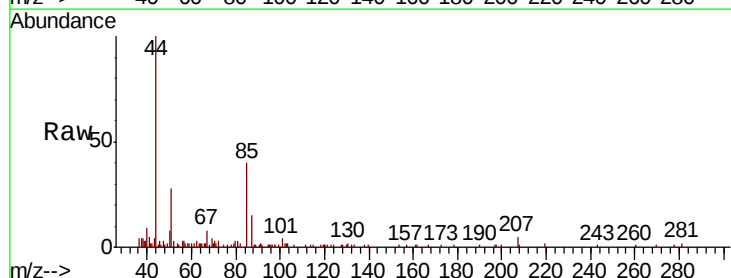
Acq: 24 Sep 2020 13:39

Tgt Ion: 85 Resp: 2851

Ion Ratio Lower Upper

85 100

87 34.3 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

3000

2500

2000

1500

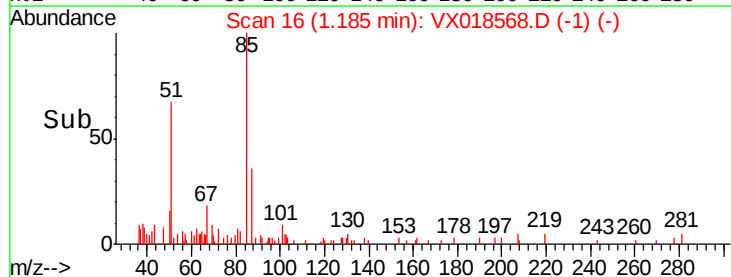
1000

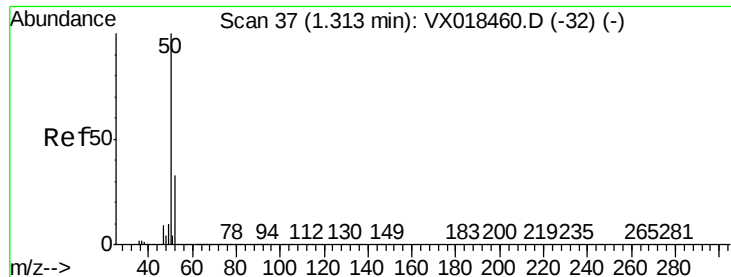
500

0

Time-->

1.15 1.20





#3

Chloromethane

Concen: 0.608 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018568.D

Acq: 24 Sep 2020 13:39

Instrument :

MSVOA\_X

ClientSampleId :

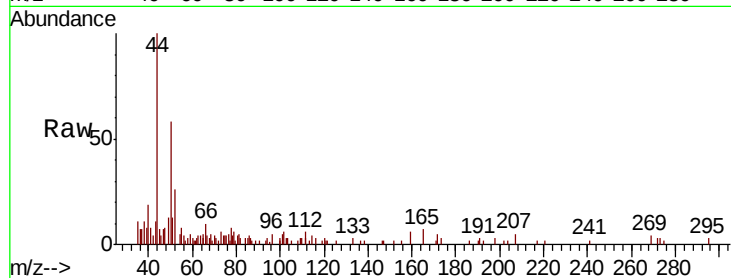
RE132D4-20200918

Tot Ion: 50 Resp: 3054

Ion Ratio Lower Upper

50 100

52 39.6 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

2000

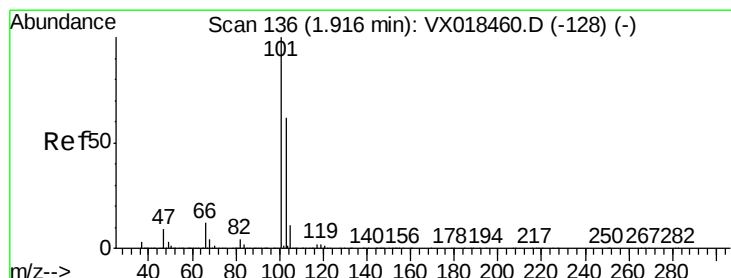
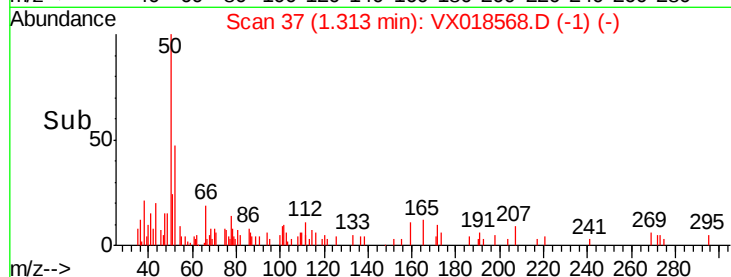
1500

1000

500

0

Time--> 1.25 1.30 1.35 1.40



#7

Trichlorofluoromethane

Concen: 0.247 ug/l

RT: 1.92 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX018568.D

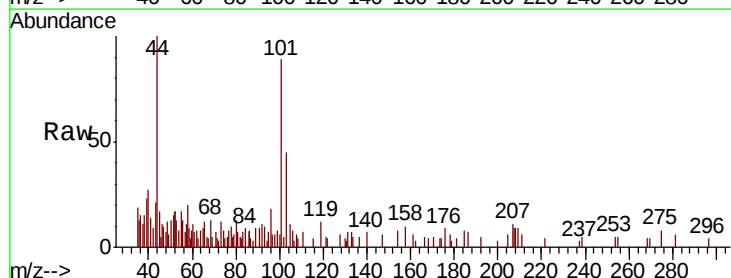
Acq: 24 Sep 2020 13:39

Tgt Ion: 101 Resp: 1992

Ion Ratio Lower Upper

101 100

103 52.2 49.6 74.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.92

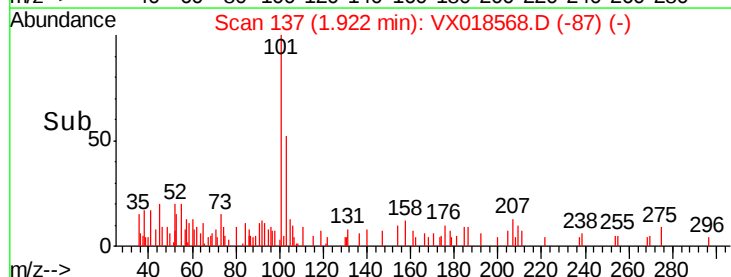
1500

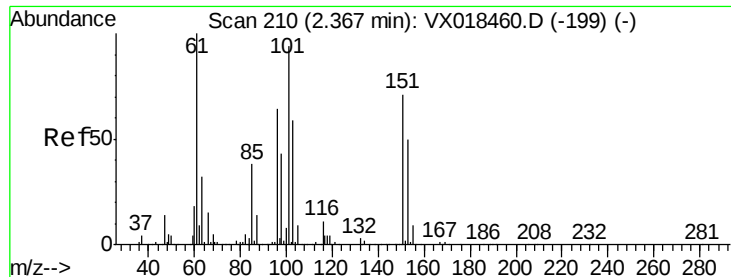
1000

500

0

Time--> 1.85 1.90 1.95





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.967 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018568.D

Acq: 24 Sep 2020 13:39

Instrument :

MSVOA\_X

ClientSampleId :

RE132D4-20200918

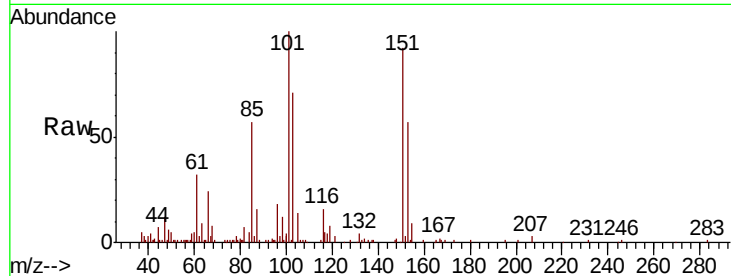
Tot Ion:101 Resp: 25929

Ion Ratio Lower Upper

101 100

85 48.4 34.7 52.1

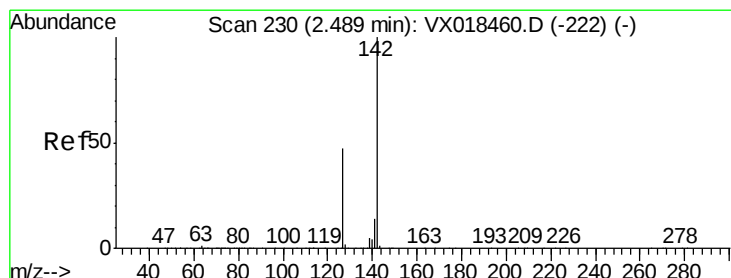
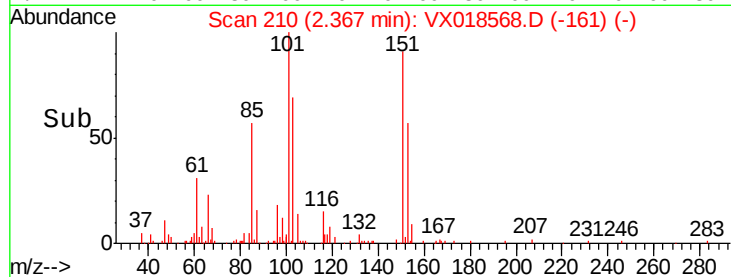
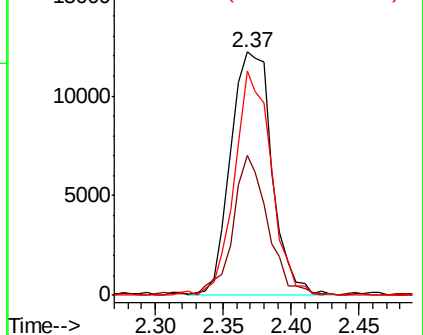
151 82.5 64.9 97.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.972 ug/l

RT: 2.50 min Scan# 232

Delta R.T. 0.01 min

Lab File: VX018568.D

Acq: 24 Sep 2020 13:39

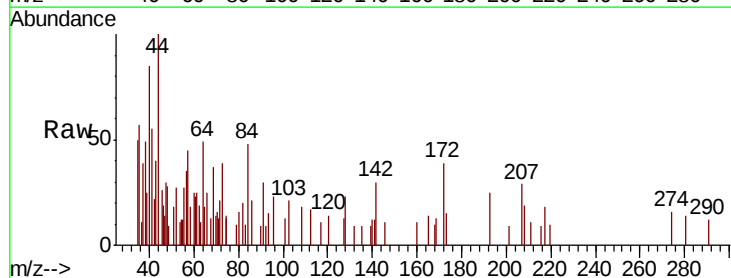
Tgt Ion:142 Resp: 343

Ion Ratio Lower Upper

142 100

127 32.7 36.0 54.0#

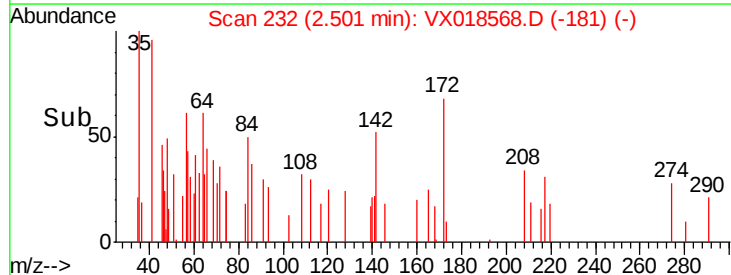
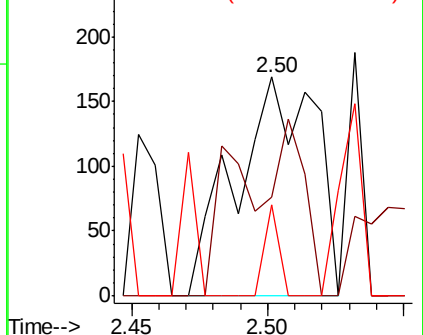
141 7.6 11.9 17.9#

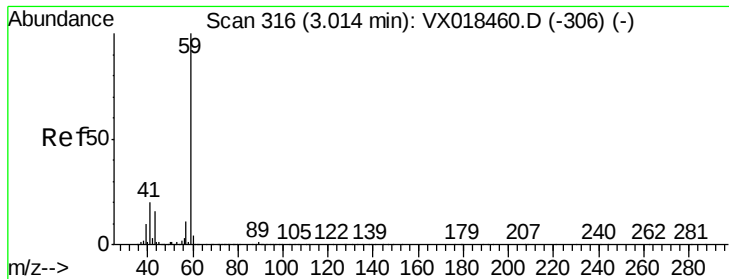


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

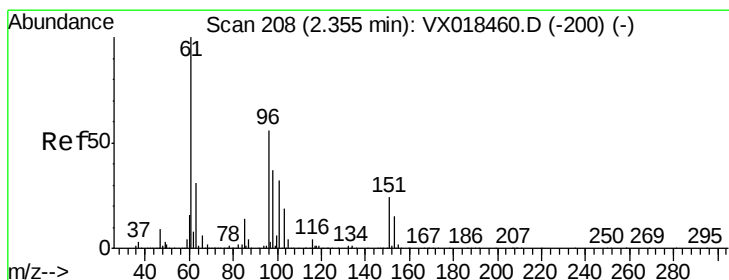
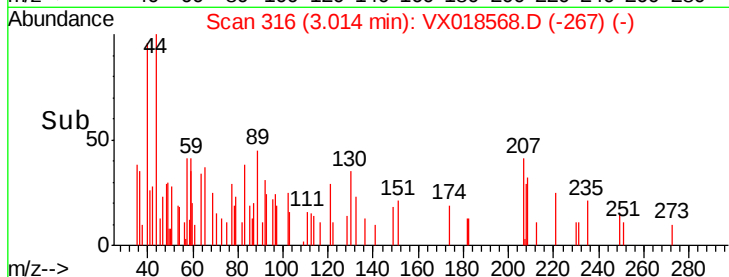
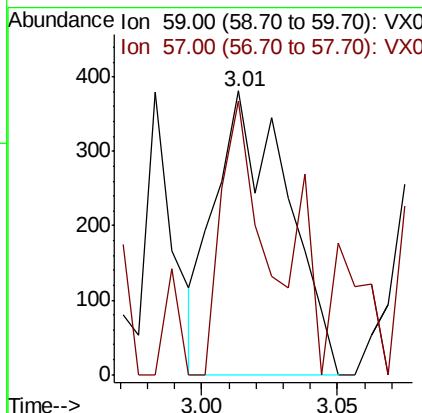
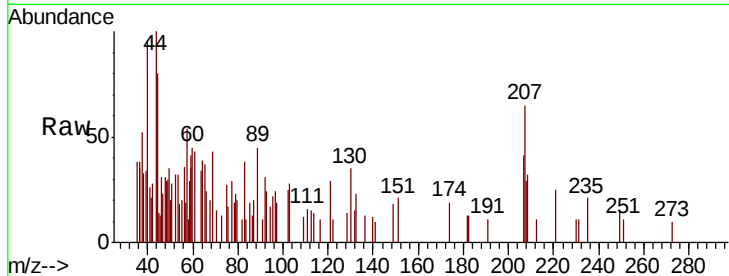




#11  
Tert butyl alcohol  
Concen: 0.628 ug/l  
RT: 3.01 min Scan# 316  
Delta R.T. -0.00 min  
Lab File: VX018568.D  
Acq: 24 Sep 2020 13:39

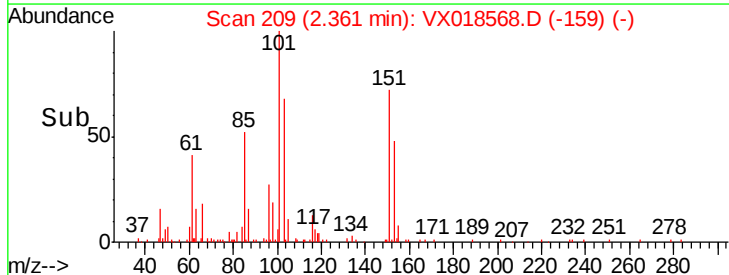
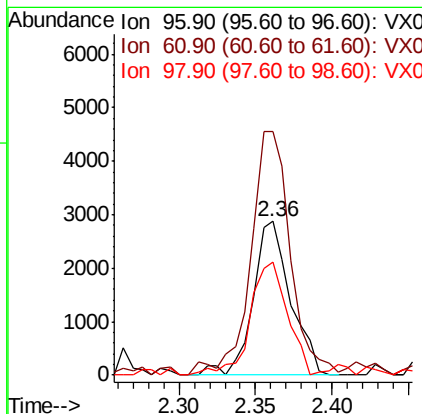
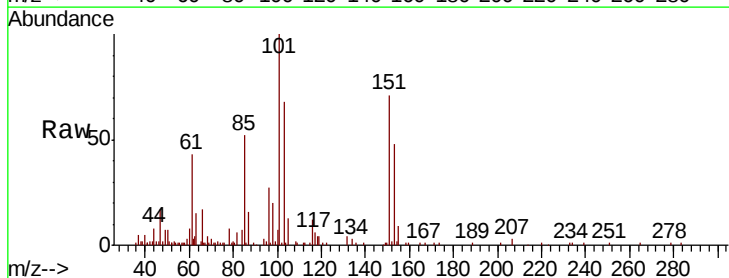
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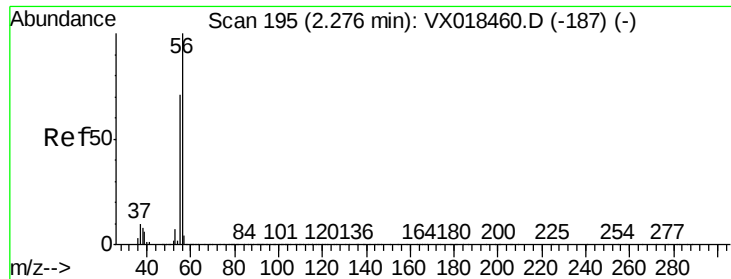
Tot Ion: 59 Resp: 699  
Ion Ratio Lower Upper  
59 100  
57 55.8 8.2 12.4#



#12  
1,1-Dichloroethene  
Concen: 1.127 ug/l  
RT: 2.36 min Scan# 209  
Delta R.T. 0.01 min  
Lab File: VX018568.D  
Acq: 24 Sep 2020 13:39

Tgt Ion: 96 Resp: 4934  
Ion Ratio Lower Upper  
96 100  
61 158.1 142.2 213.4  
98 73.7 52.4 78.6

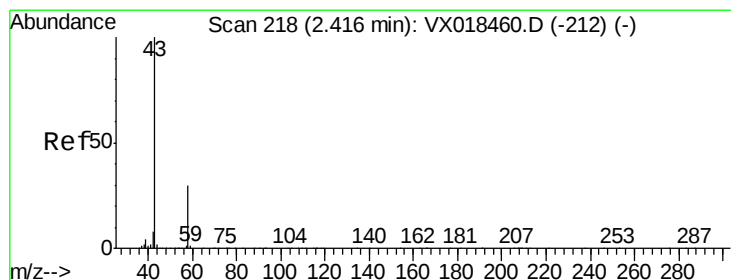
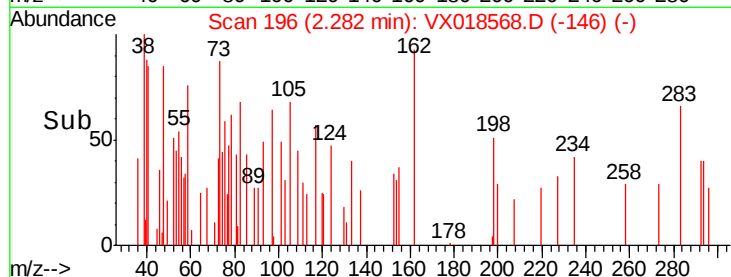
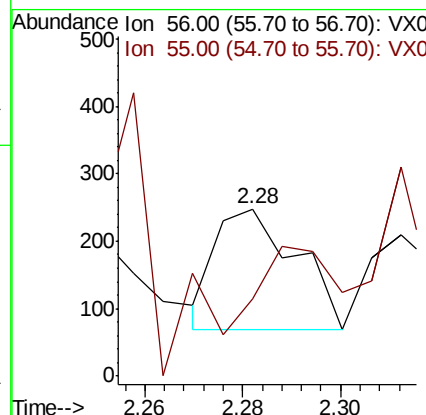
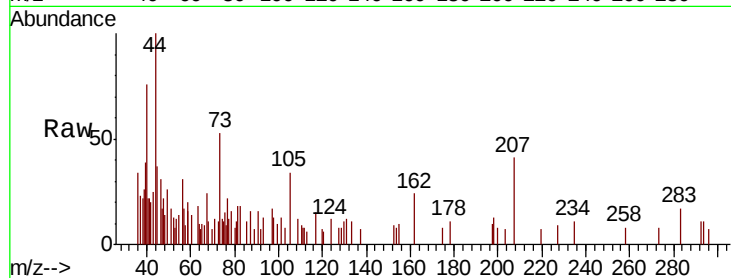




#13  
Acrolein  
Concen: 0.294 ug/l  
RT: 2.28 min Scan# 196  
Delta R.T. 0.01 min  
Lab File: VX018568.D  
Acq: 24 Sep 2020 13:39

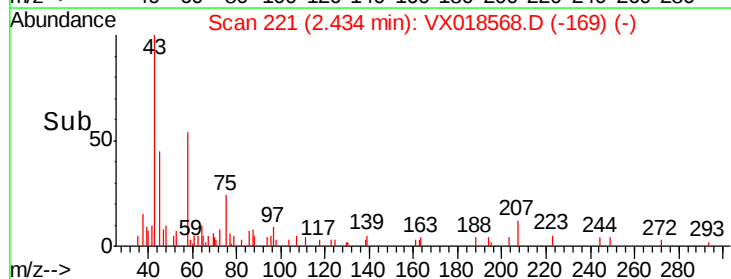
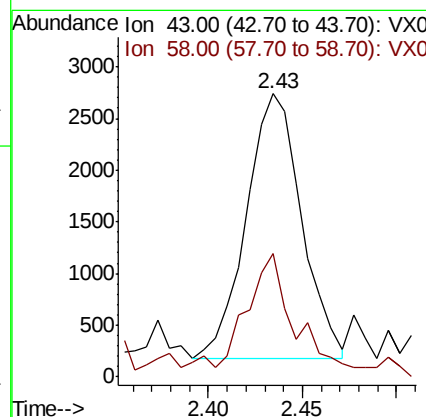
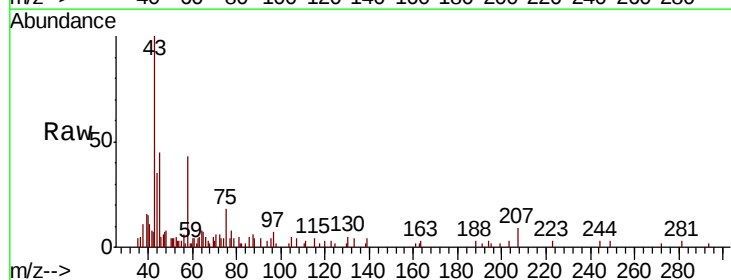
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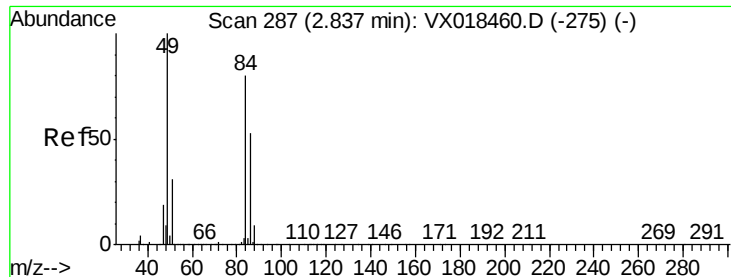
Tot Ion: 56 Resp: 207  
Ion Ratio Lower Upper  
56 100  
55 65.7 58.2 87.4



#16  
Acetone  
Concen: 2.120 ug/l  
RT: 2.43 min Scan# 221  
Delta R.T. 0.02 min  
Lab File: VX018568.D  
Acq: 24 Sep 2020 13:39

Tgt Ion: 43 Resp: 5186  
Ion Ratio Lower Upper  
43 100  
58 41.2 24.0 36.0#

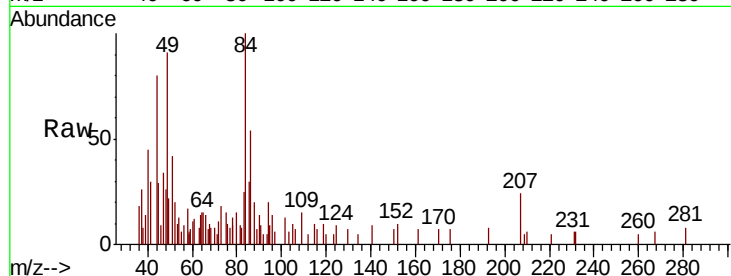




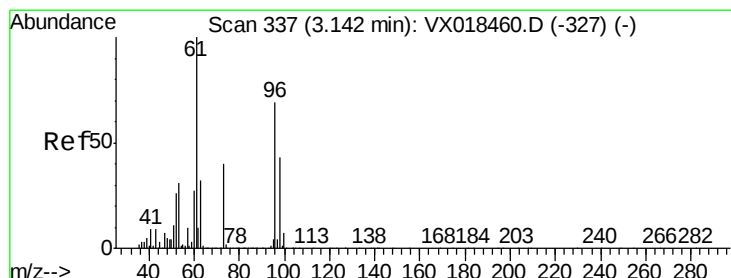
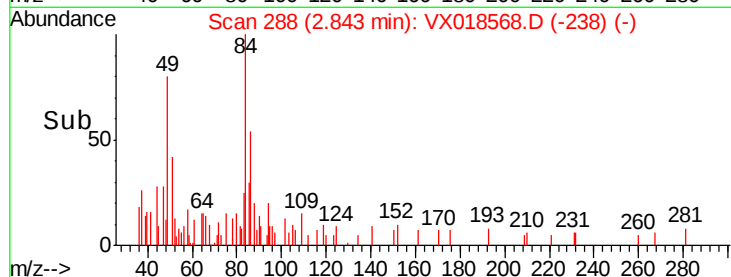
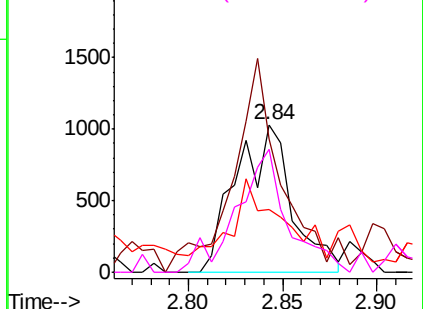
#20  
Methvlene Chloride  
Concen: 0.392 ug/l  
RT: 2.84 min Scan# 288  
Delta R.T. 0.01 min  
Lab File: VX018568.D  
Acq: 24 Sep 2020 13:39

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE132D4-20200918

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 84    | Resp: | 2115   |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 92.5  | 100.6 | 151.0# |
| 51       | 23.4  | 30.9  | 46.3#  |
| 86       | 77.3  | 53.5  | 80.3   |

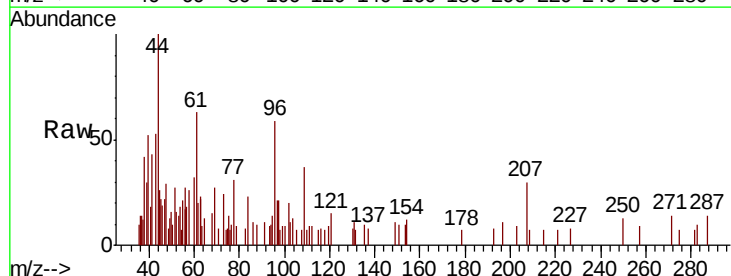


Abundance Ion 83.90 (83.60 to 84.60): VX0  
Ion 48.90 (48.60 to 49.60): VX0  
Ion 50.90 (50.60 to 51.60): VX0  
Ion 85.90 (85.60 to 86.60): VX0

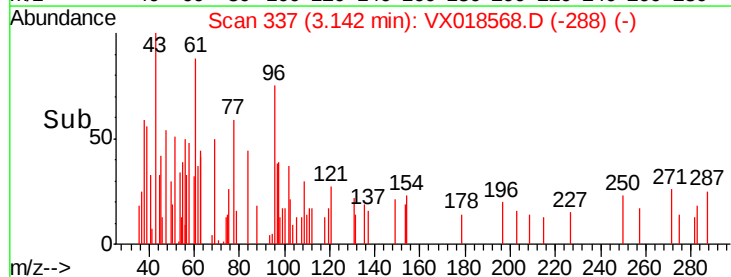
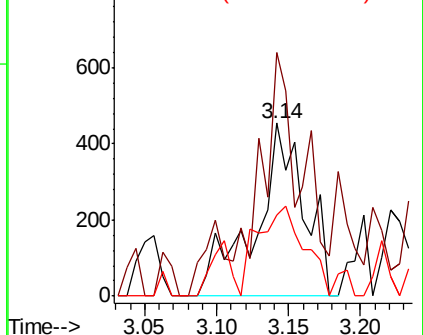


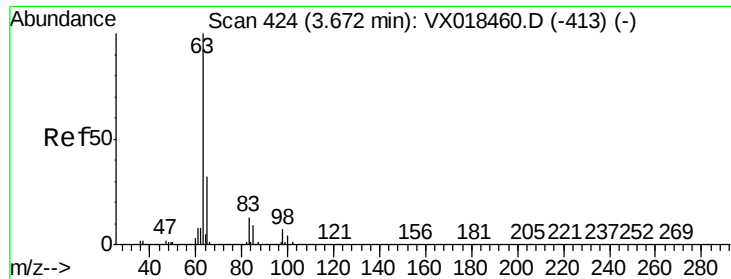
#21  
trans-1,2-Dichloroethene  
Concen: 0.212 ug/l  
RT: 3.14 min Scan# 337  
Delta R.T. -0.00 min  
Lab File: VX018568.D  
Acq: 24 Sep 2020 13:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 1078  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 140.7 | 115.6 | 173.4 |
| 98       | 46.8  | 50.2  | 75.4# |



Abundance Ion 95.90 (95.60 to 96.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0





#24

1,1-Dichloroethane

Concen: 0.401 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX018568.D

Acq: 24 Sep 2020 13:39

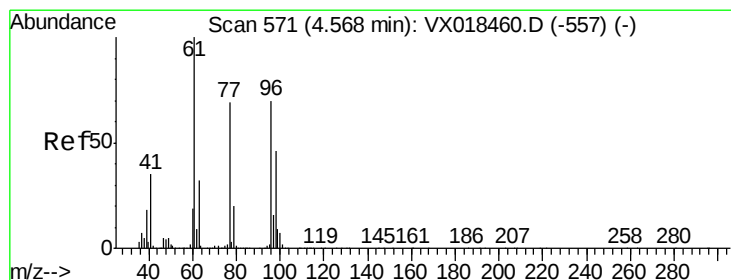
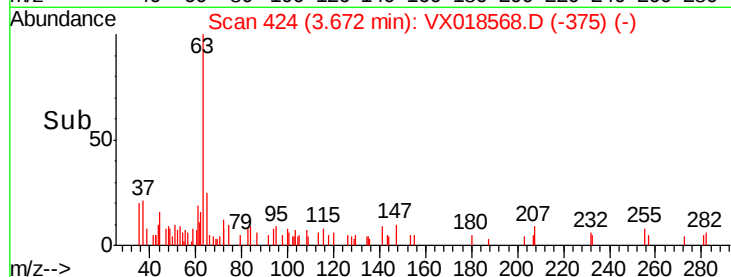
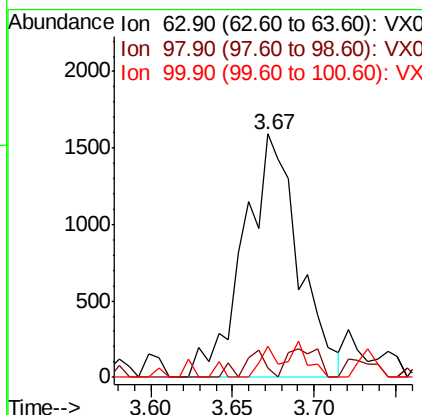
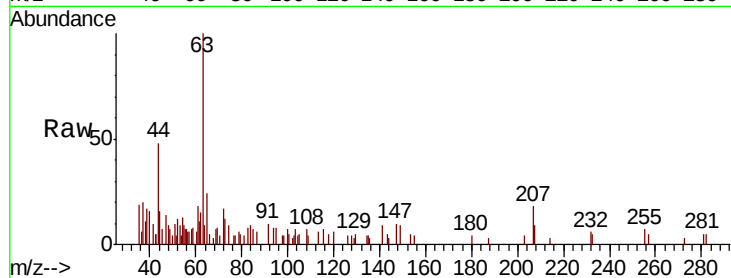
Instrument :

MSVOA\_X

ClientSampleId :

RE132D4-20200918

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 63    | Resp: | 3693  |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 98       | 4.1   | 3.5   | 10.6  |
| 100      | 12.7  | 1.9   | 5.7#  |



#27

cis-1,2-Dichloroethene

Concen: 2.147 ug/l

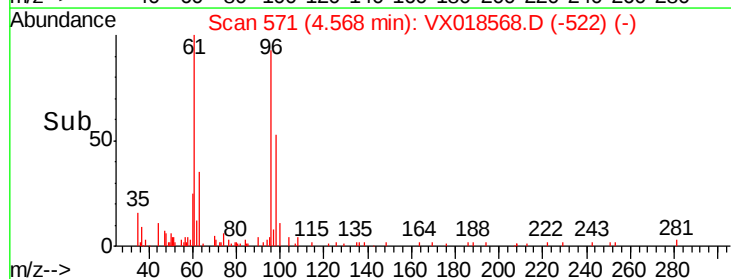
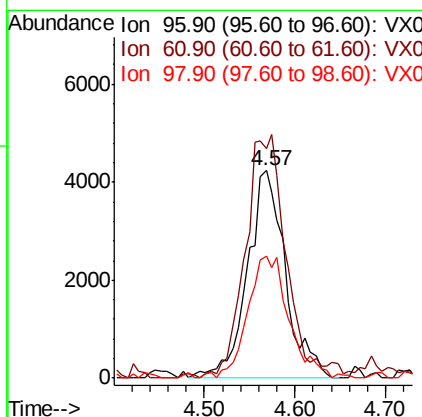
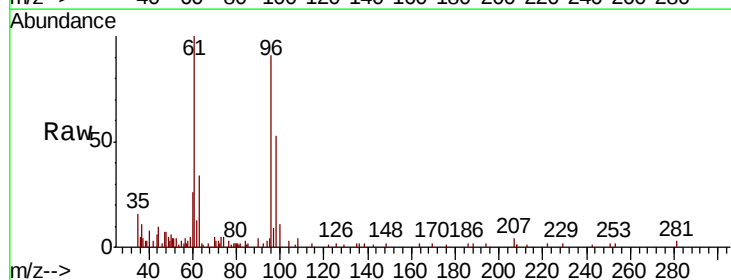
RT: 4.57 min Scan# 571

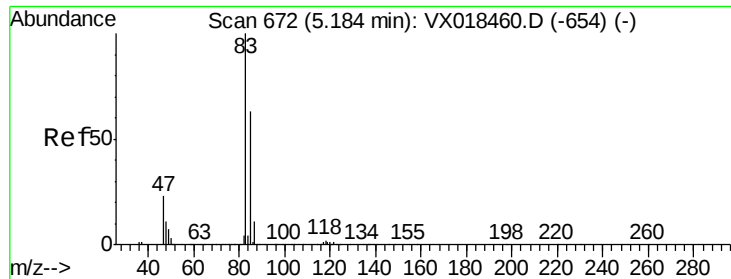
Delta R.T. -0.00 min

Lab File: VX018568.D

Acq: 24 Sep 2020 13:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 12248 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 124.8 | 0.0   | 300.0 |
| 98       | 64.4  | 0.0   | 130.4 |





#30

Chloroform

Concen: 0.385 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX018568.D

Acq: 24 Sep 2020 13:39

Instrument :

MSVOA\_X

ClientSampleId :

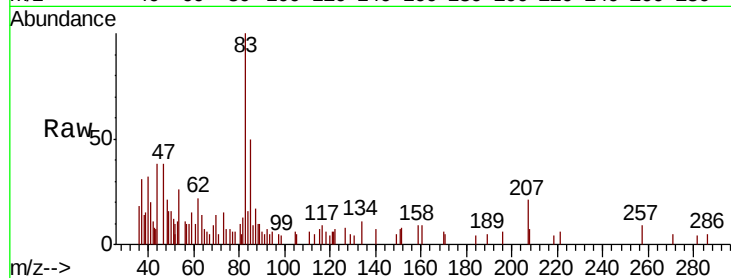
RE132D4-20200918

Tot Ion: 83 Resp: 3591

Ion Ratio Lower Upper

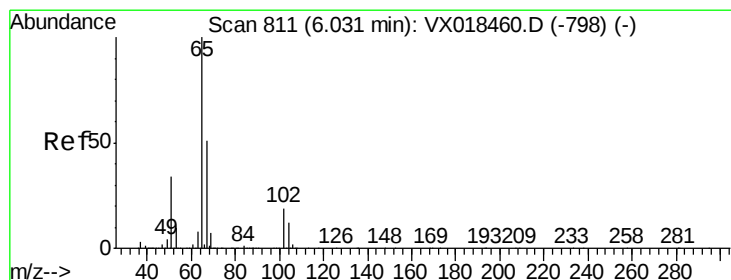
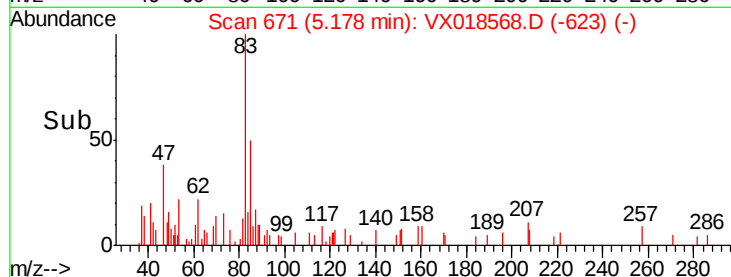
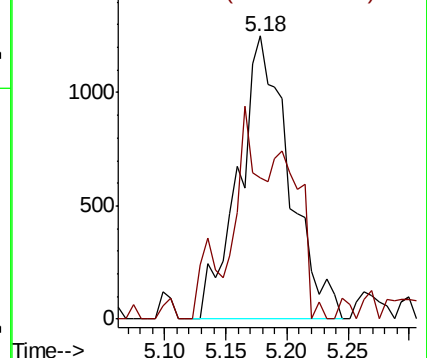
83 100

85 50.1 50.6 76.0#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.444 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018568.D

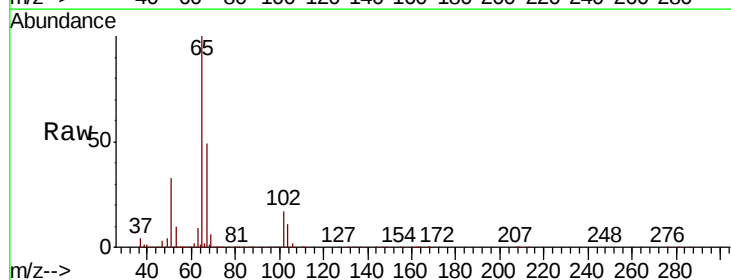
Acq: 24 Sep 2020 13:39

Tgt Ion: 65 Resp: 329128

Ion Ratio Lower Upper

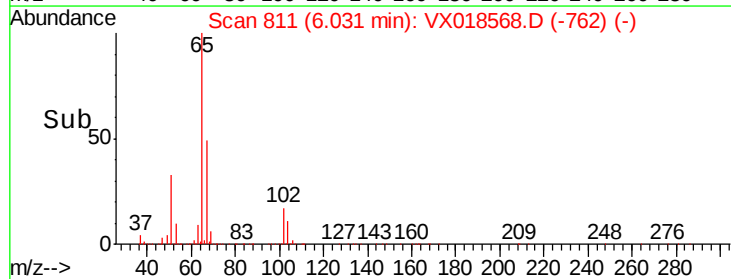
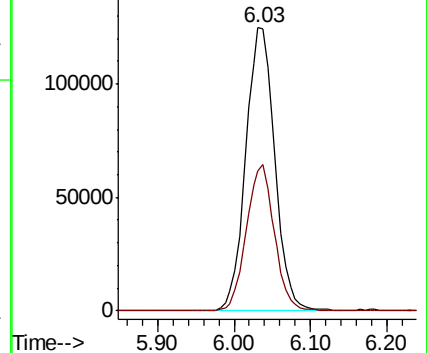
65 100

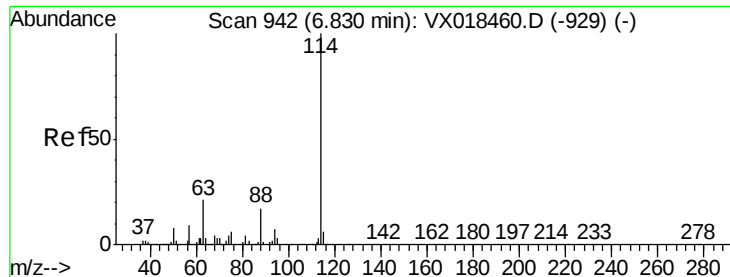
67 49.6 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX018568.D

Acq: 24 Sep 2020 13:39

Instrument :

MSVOA\_X

ClientSampleId :

RE132D4-20200918

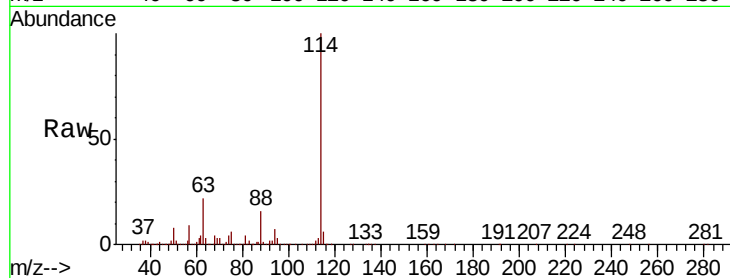
Tot Ion:114 Resp: 732226

Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.8

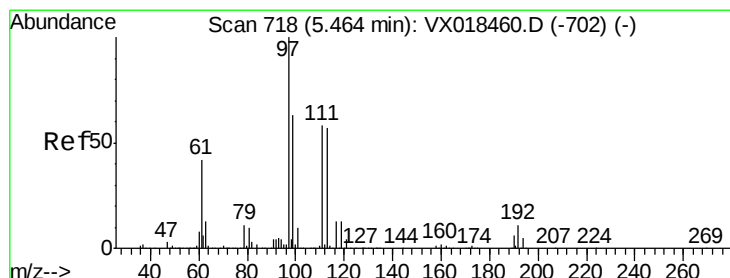
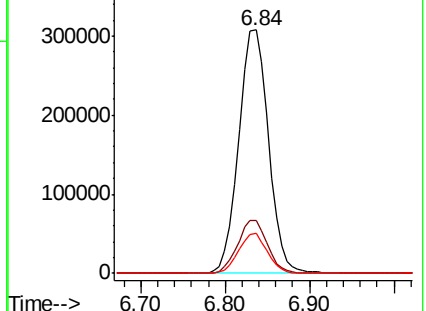
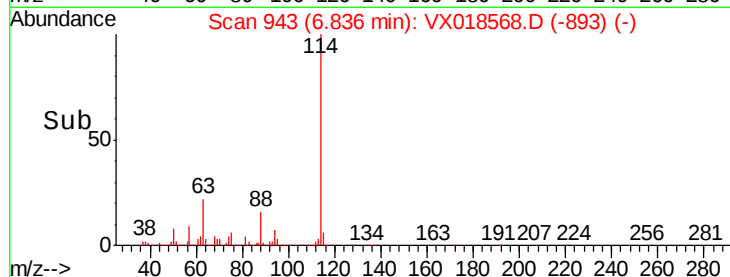
88 16.5 0.0 33.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 50.231 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX018568.D

Acq: 24 Sep 2020 13:39

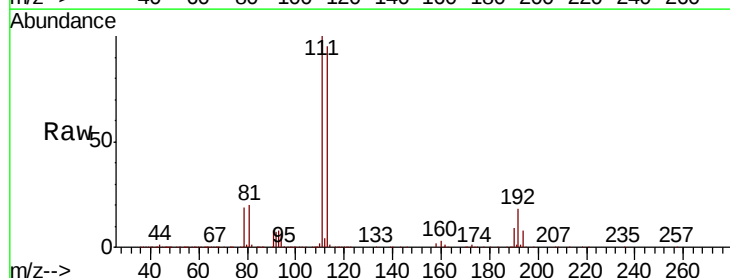
Tgt Ion:113 Resp: 254269

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.2

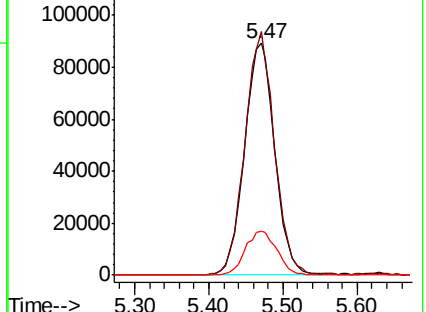
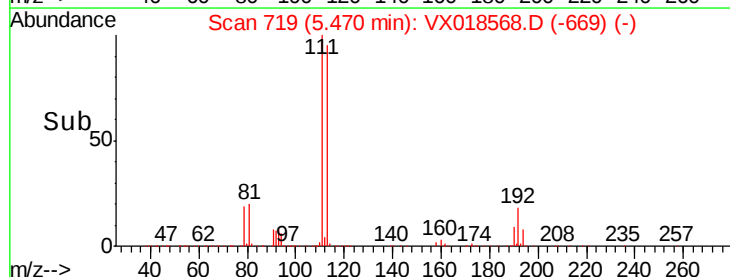
192 20.1 16.6 24.8

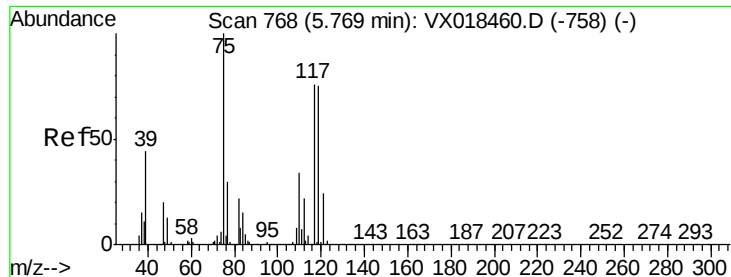


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

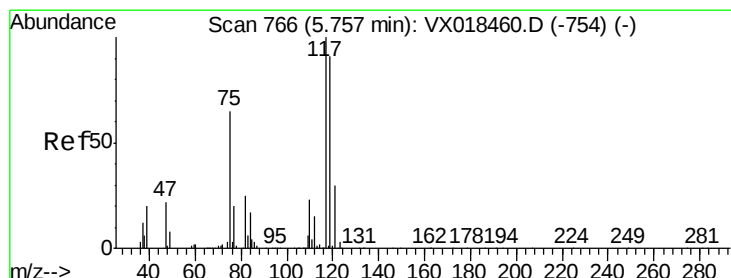
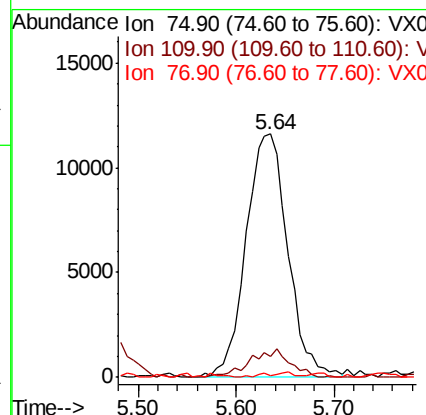
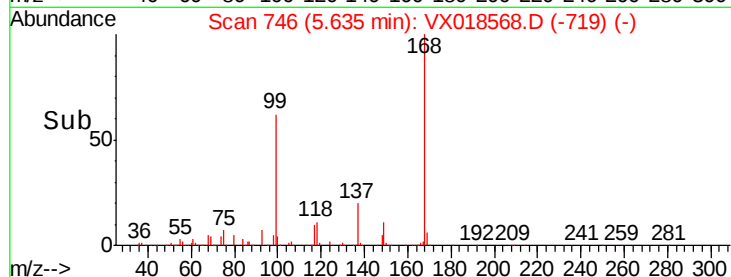
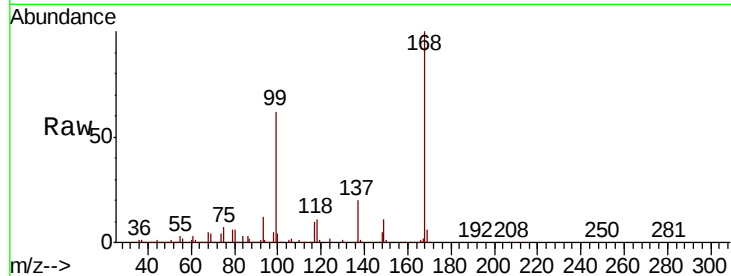




#36  
 1,1-Dichloropropene  
 Concen: 4.844 ug/l  
 RT: 5.64 min Scan# 746  
 Delta R.T. -0.13 min  
 Lab File: VX018568.D  
 Acq: 24 Sep 2020 13:39

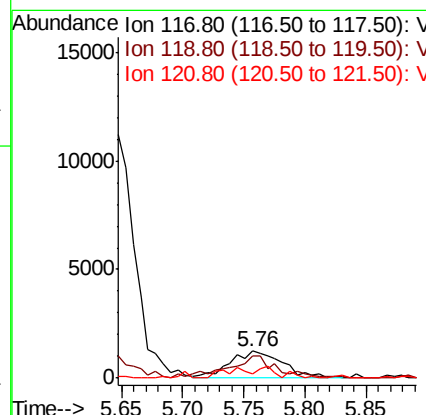
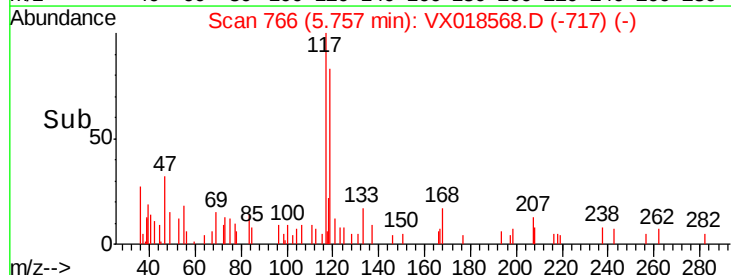
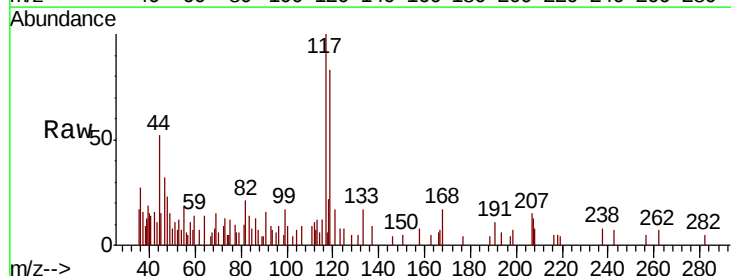
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE132D4-20200918

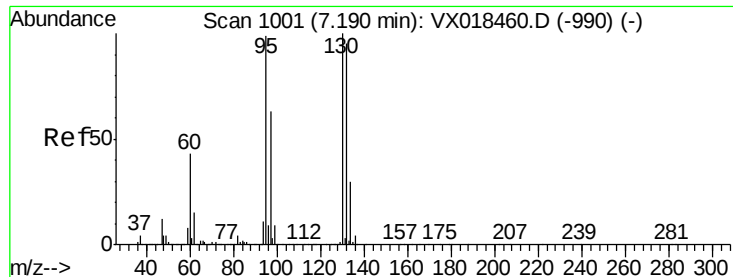
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 11.1  | 17.6  | 52.8# |
| 77      | 0.6   | 25.0  | 37.6# |



#38  
 Carbon Tetrachloride  
 Concen: 0.472 ug/l  
 RT: 5.76 min Scan# 766  
 Delta R.T. -0.00 min  
 Lab File: VX018568.D  
 Acq: 24 Sep 2020 13:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 78.0  | 72.3  | 108.5 |
| 121     | 17.0  | 23.8  | 35.8# |





#44

Trichloroethene

Concen: 201.381 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018568.D

Acq: 24 Sep 2020 13:39

Instrument :

MSVOA\_X

ClientSampleId :

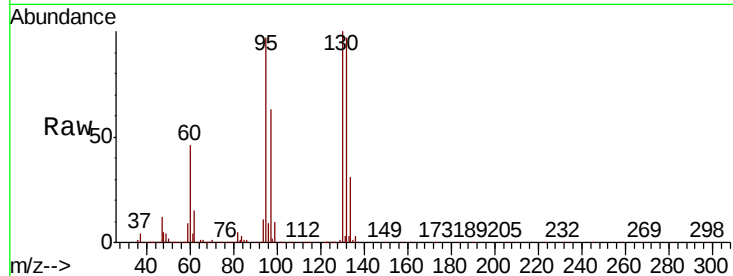
RE132D4-20200918

Tot Ion:130 Resp: 1187375

Ion Ratio Lower Upper

130 100

95 96.6 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

600000

500000

400000

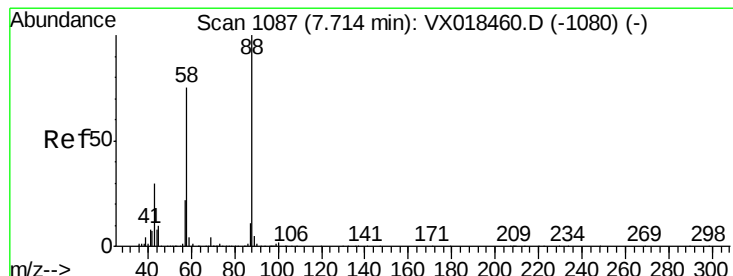
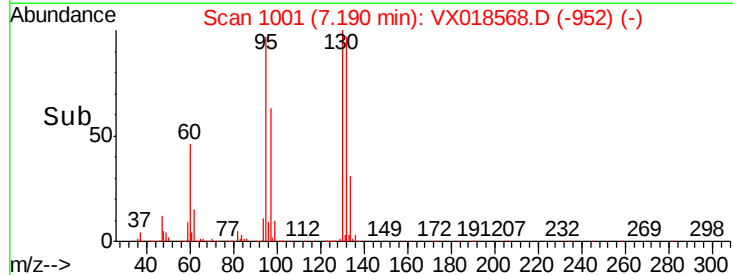
300000

200000

100000

0

Time-->



#49

1,4-Dioxane

Concen: 2.231 ug/l

RT: 7.69 min Scan# 1083

Delta R.T. -0.02 min

Lab File: VX018568.D

Acq: 24 Sep 2020 13:39

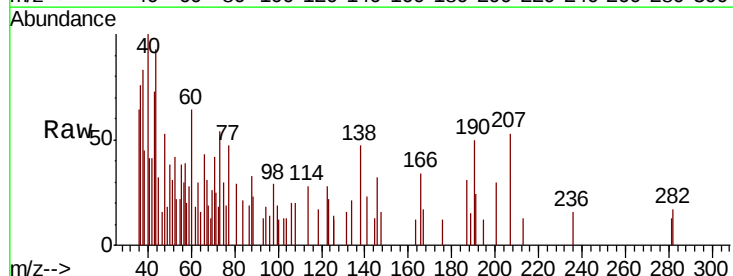
Tgt Ion: 88 Resp: 226

Ion Ratio Lower Upper

88 100

43 169.9 29.9 44.9#

58 151.8 59.0 88.6#



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

600

500

400

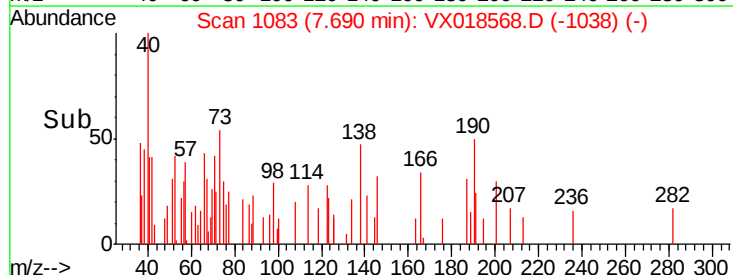
300

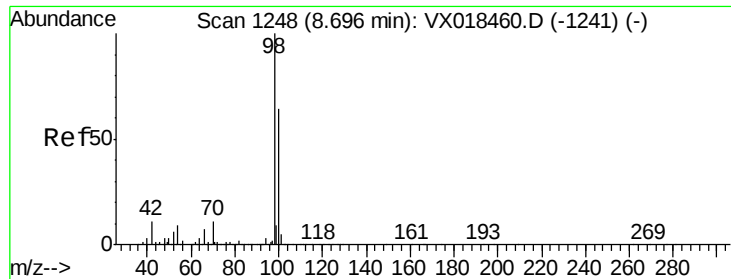
200

100

0

Time-->





#50

Toluene-d8

Concen: 49.037 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018568.D

Acq: 24 Sep 2020 13:39

Instrument :

MSVOA\_X

ClientSampleId :

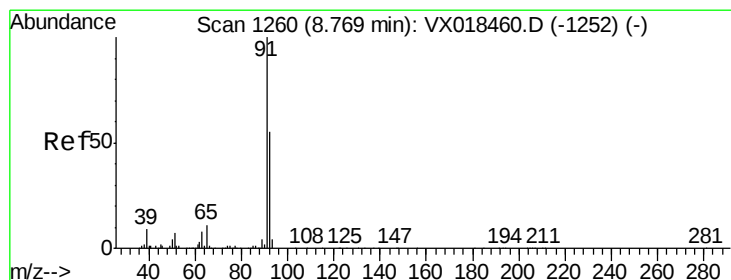
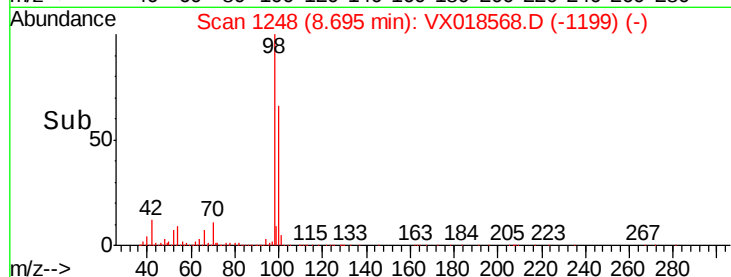
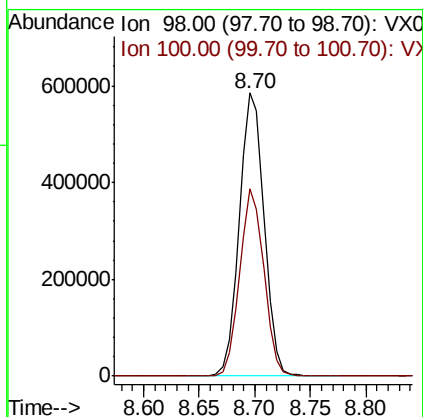
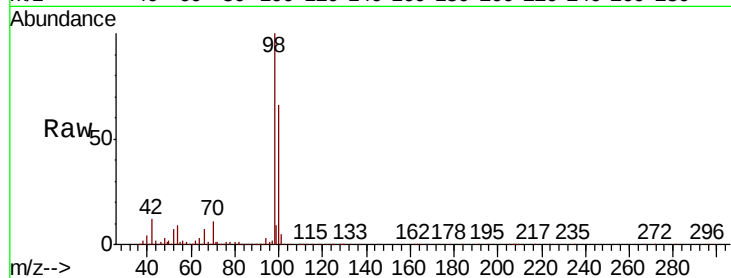
RE132D4-20200918

Tot Ion: 98 Resp: 901885

Ion Ratio Lower Upper

98 100

100 64.8 51.7 77.5



#52

Toluene

Concen: 0.246 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018568.D

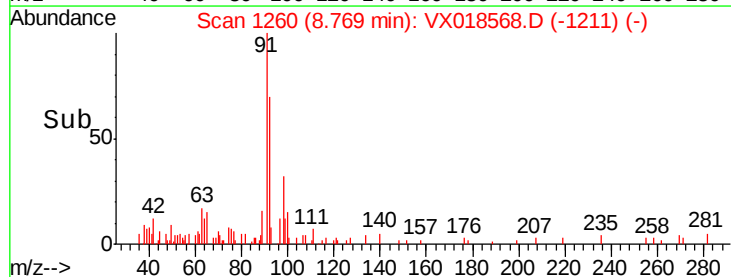
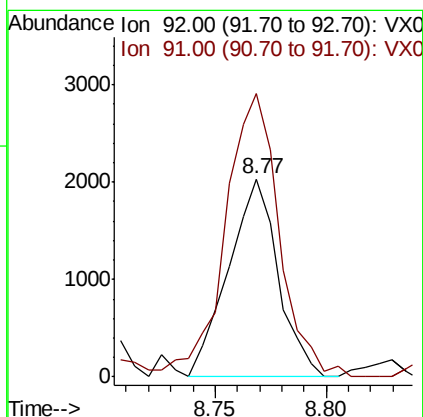
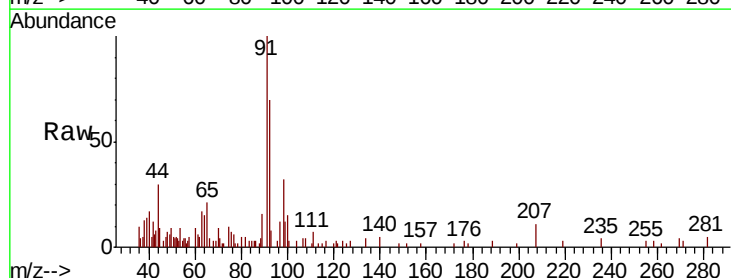
Acq: 24 Sep 2020 13:39

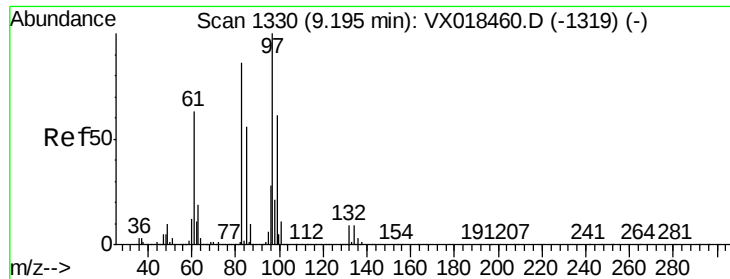
Tgt Ion: 92 Resp: 3153

Ion Ratio Lower Upper

92 100

91 155.9 140.6 210.8





#55

1,1,2-Trichloroethane

Concen: 0.269 ug/l

RT: 9.20 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VX018568.D

Acq: 24 Sep 2020 13:39

Instrument :

MSVOA\_X

ClientSampleId :

RE132D4-20200918

Tot Ion: 97 Resp: 1433

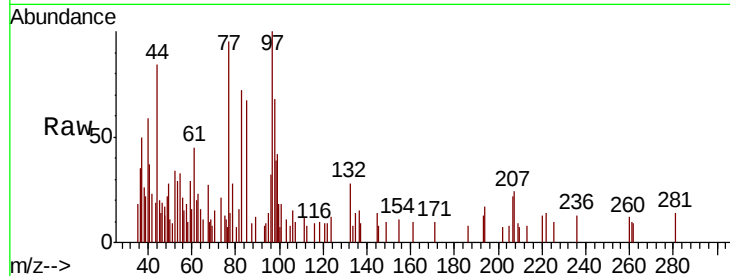
Ion Ratio Lower Upper

97 100

83 63.9 68.5 102.7#

85 53.3 44.8 67.2

99 81.1 48.9 73.3#

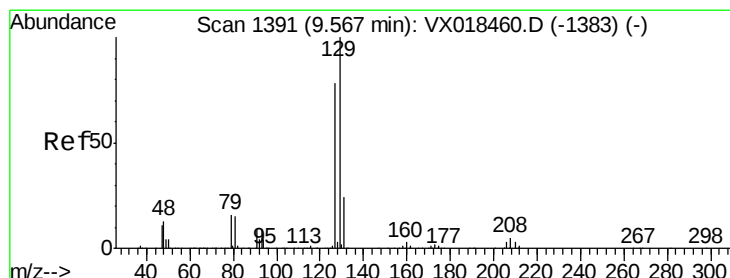
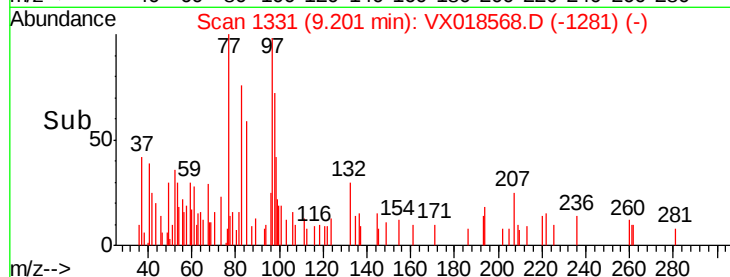
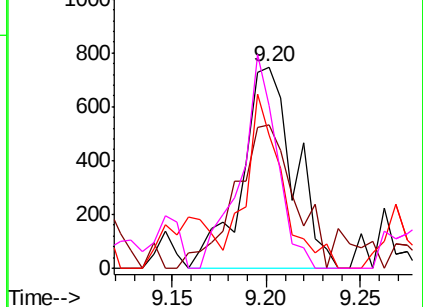


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#60

Dibromochloromethane

Concen: 3.356 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.25 min

Lab File: VX018568.D

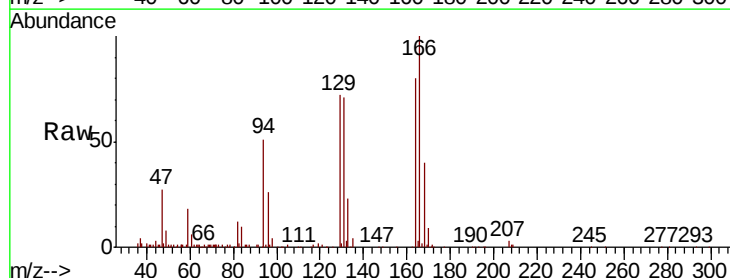
Acq: 24 Sep 2020 13:39

Tgt Ion: 129 Resp: 21285

Ion Ratio Lower Upper

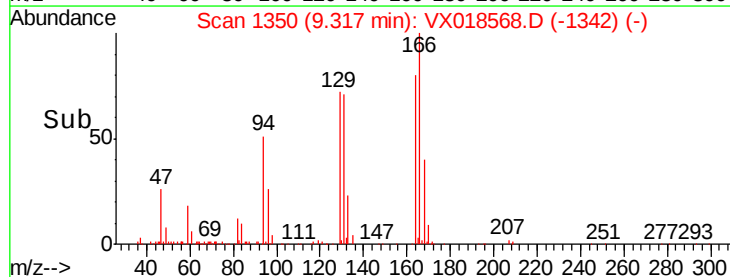
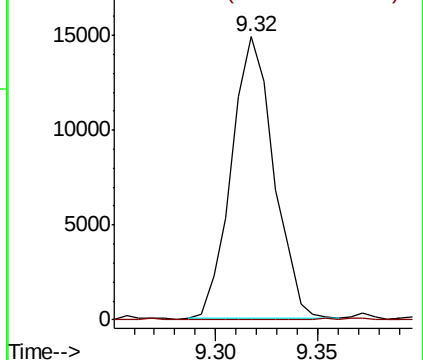
129 100

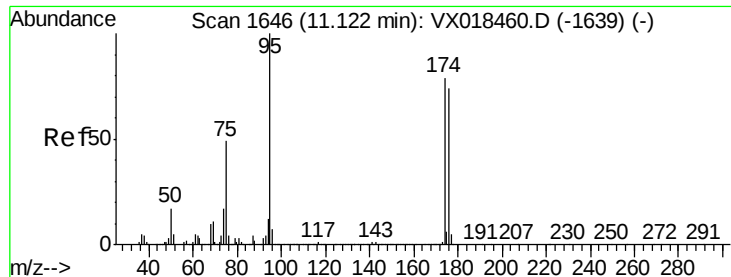
127 0.0 39.0 117.0#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

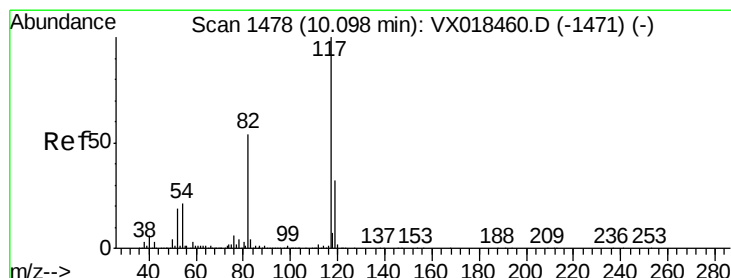
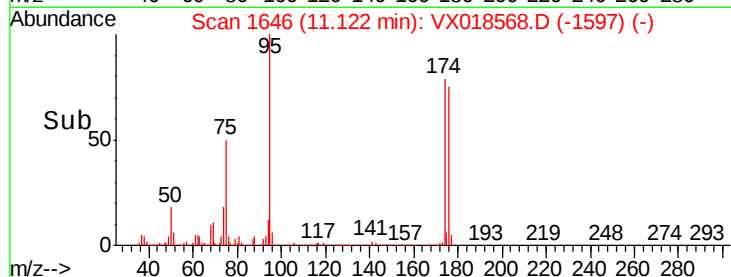
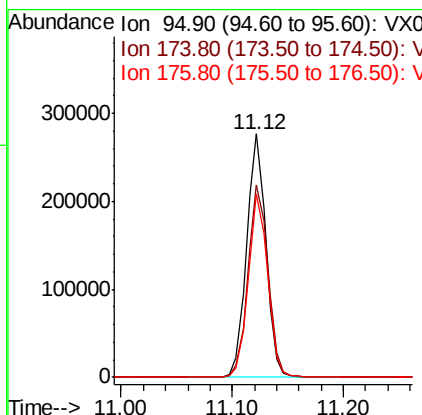
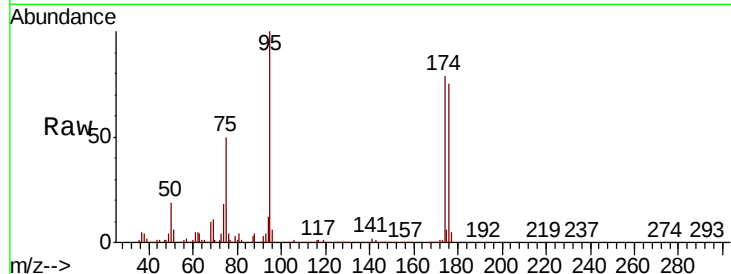




#62  
4-Bromofluorobenzene  
Concen: 45.415 ug/l  
RT: 11.12 min Scan# 1646  
Delta R.T. -0.00 min  
Lab File: VX018568.D  
Acq: 24 Sep 2020 13:39

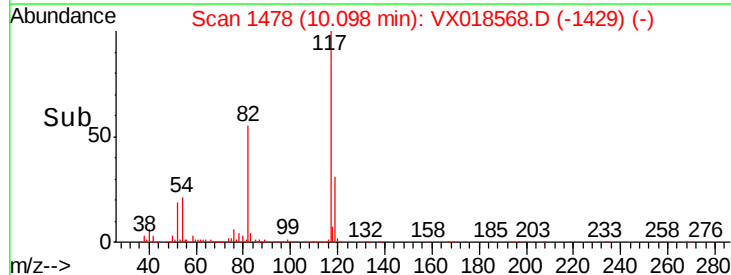
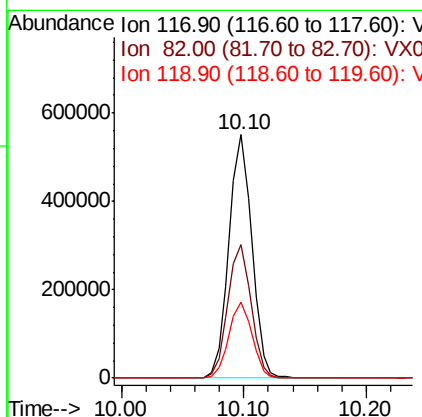
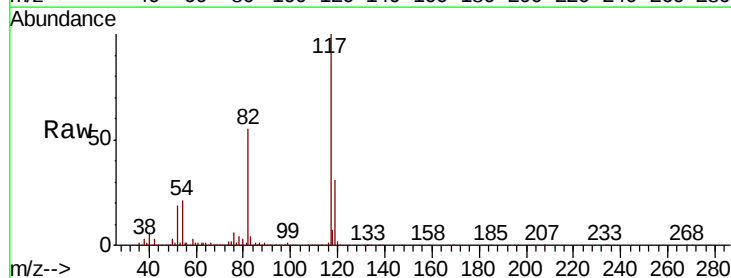
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE132D4-20200918

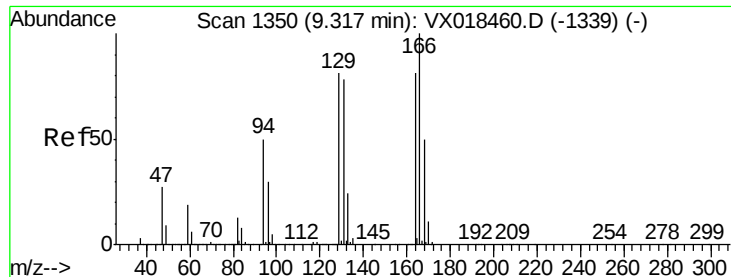
Tot Ion: 95 Resp: 332247  
Ion Ratio Lower Upper  
95 100  
174 82.3 0.0 161.4  
176 75.9 0.0 151.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX018568.D  
Acq: 24 Sep 2020 13:39

Tgt Ion: 117 Resp: 714327  
Ion Ratio Lower Upper  
117 100  
82 54.8 43.3 64.9  
119 31.2 25.9 38.9





#64

Tetrachloroethene

Concen: 4.201 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX018568.D

Acq: 24 Sep 2020 13:39

Instrument :

MSVOA\_X

ClientSampleId :

RE132D4-20200918

Tot Ion:164 Resp: 23623

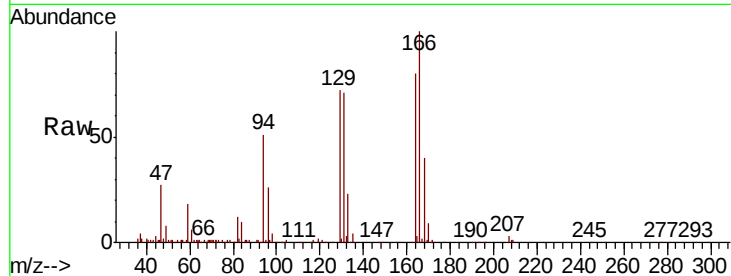
Ion Ratio Lower Upper

164 100

166 125.6 99.3 148.9

129 90.3 80.7 121.1

131 89.6 77.2 115.8

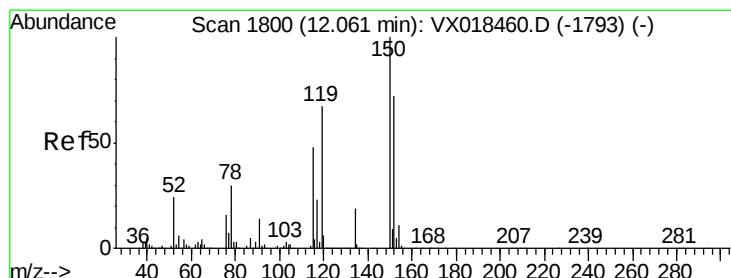
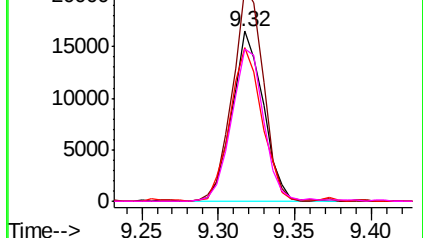
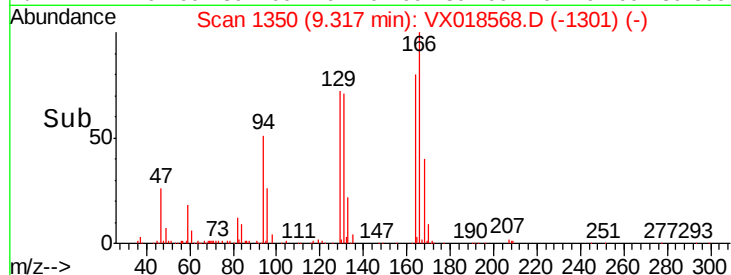


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX018568.D

Acq: 24 Sep 2020 13:39

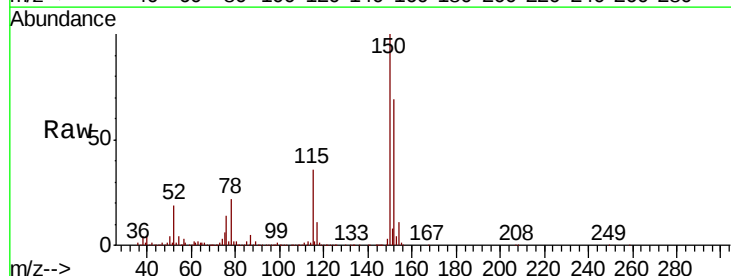
Tgt Ion:152 Resp: 363292

Ion Ratio Lower Upper

152 100

115 59.0 41.8 125.4

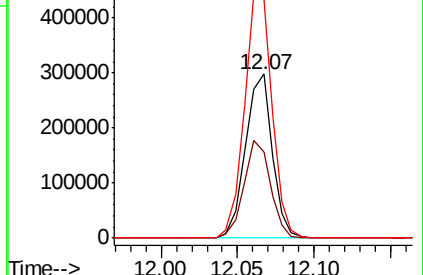
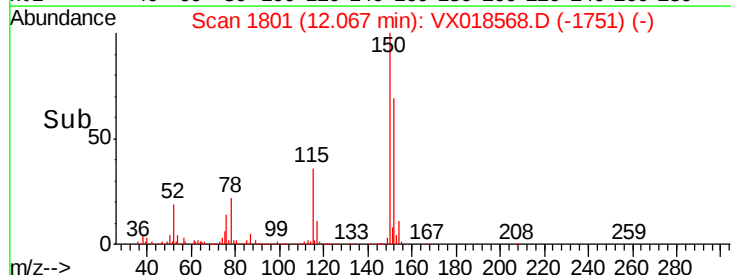
150 153.2 0.0 342.4

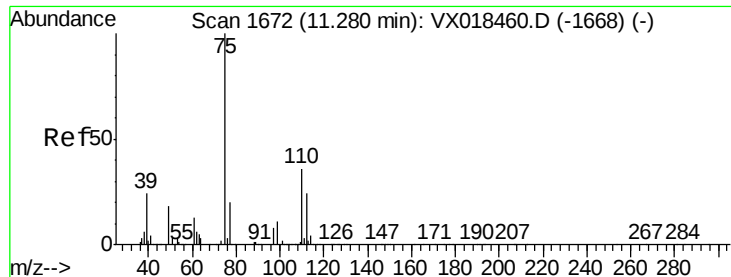


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 22.872 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018568.D

Acq: 24 Sep 2020 13:39

Instrument :

MSVOA\_X

ClientSampleId :

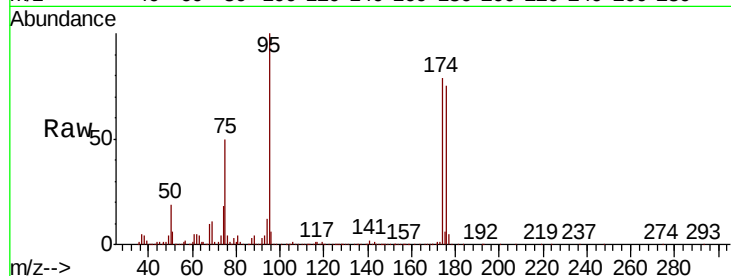
RE132D4-20200918

Tot Ion: 75 Resp: 174612

Ion Ratio Lower Upper

75 100

77 1.2 20.9 62.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.12

150000

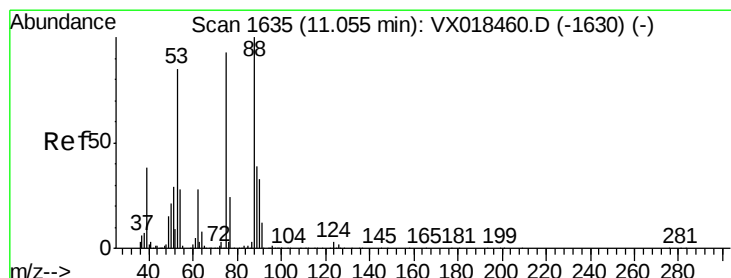
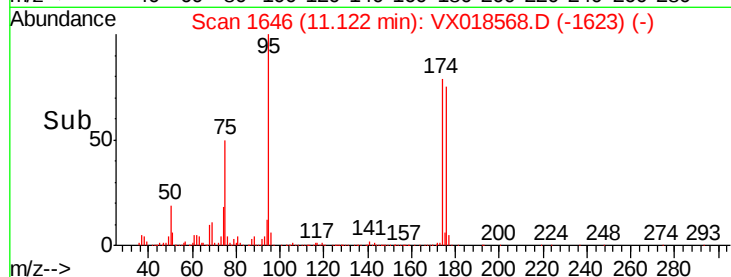
100000

50000

0

Time-->

11.10 11.20



#81

trans-1,4-Dichloro-2-butene

Concen: 58.609 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX018568.D

Acq: 24 Sep 2020 13:39

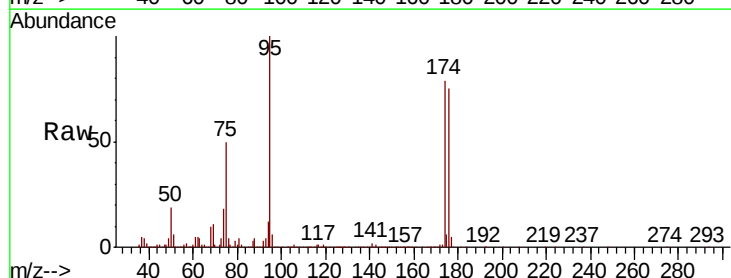
Tgt Ion: 75 Resp: 174612

Ion Ratio Lower Upper

75 100

53 0.5 74.6 111.8#

89 0.1 36.2 54.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

11.12

150000

100000

50000

0

Time-->

11.10 11.20

