

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO010320\  
 Data File : VX014403.D  
 Acq On : 03 Jan 2020 16:13  
 Operator : JC/SP  
 Sample : K6476-08  
 Misc : 6.80µ/5mL/100µL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WP022SB455\_191227-24-25

Quant Time: Jan 06 02:33:07 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121319W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 17 03:01:07 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 540111   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 819118   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 728557   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 346242   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 288000   | 47.05  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 94.10%  |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 230211   | 46.23  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 92.46%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 977067   | 50.40  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 100.80% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 332936   | 46.98  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 93.96%  |          |

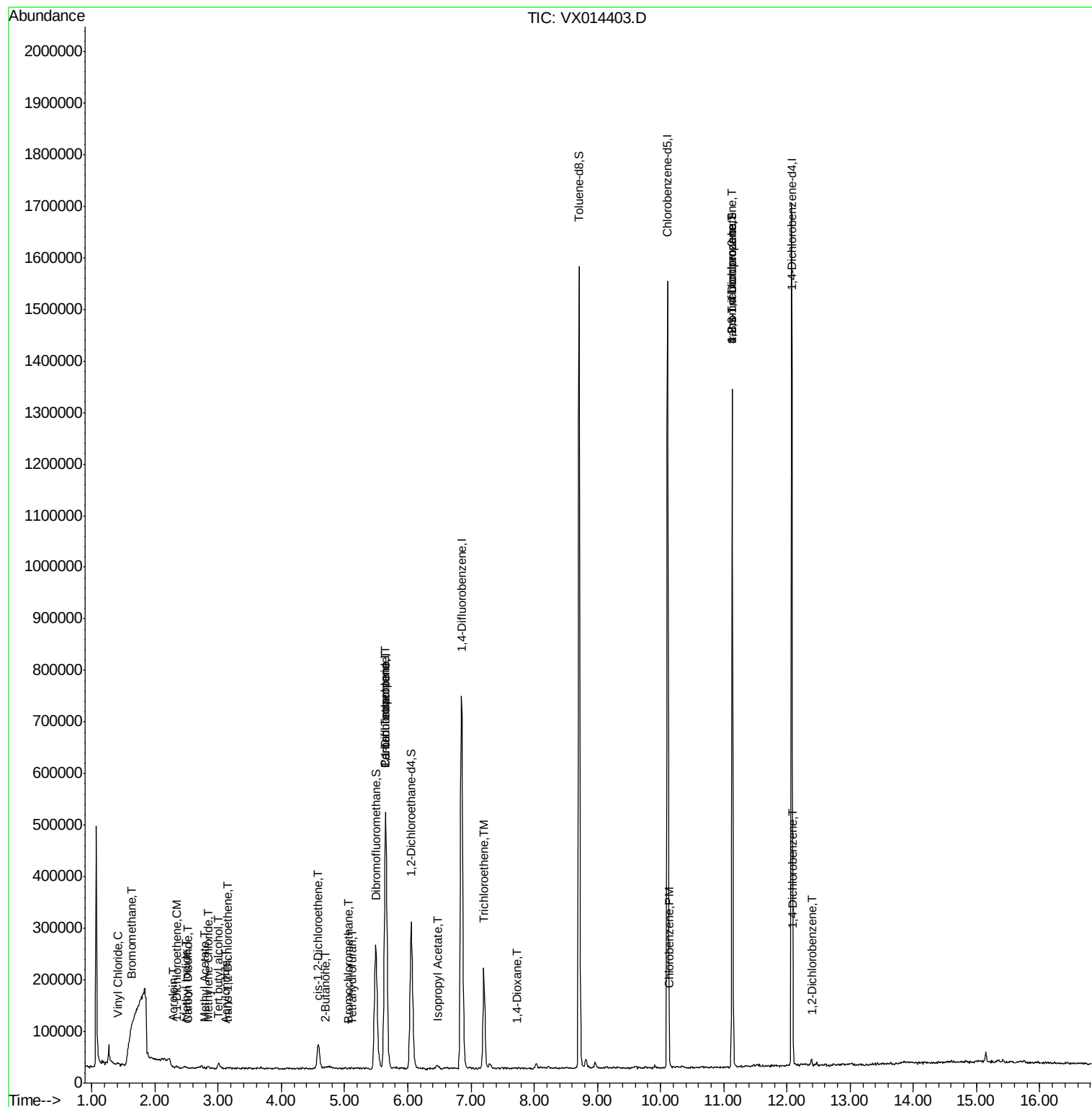
| Target Compounds               | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|--------------------------------|-------|------|----------|--------|--------|--------|
| 4) Vinyl Chloride              | 1.40  | 62   | 3134     | 0.458  | ug/l   | 99     |
| 5) Bromomethane                | 1.63  | 94   | 2811     | 0.579  | ug/l   | 96     |
| 10) Methyl Iodide              | 2.49  | 142  | 1566     | 2.841  | ug/l # | 43     |
| 11) Tert butyl alcohol         | 3.01  | 59   | 8950     | 6.766  | ug/l # | 72     |
| 12) 1,1-Dichloroethene         | 2.34  | 96   | 2771     | 0.533  | ug/l # | 61     |
| 13) Acrolein                   | 2.29  | 56   | 719      | 0.950  | ug/l # | 29     |
| 15) Acrylonitrile              | 3.11  | 53   | 913      | 0.296  | ug/l # | 47     |
| 17) Carbon Disulfide           | 2.53  | 76   | 796      | 0.805  | ug/l # | 1      |
| 18) Methyl Acetate             | 2.78  | 43   | 2946     | 0.374  | ug/l # | 80     |
| 20) Methylene Chloride         | 2.84  | 84   | 2957     | 0.473  | ug/l # | 85     |
| 21) trans-1,2-Dichloroethene   | 3.15  | 96   | 1328     | 0.232  | ug/l # | 61     |
| 25) 2-Butanone                 | 4.70  | 43   | 10096    | 2.061  | ug/l # | 79     |
| 27) cis-1,2-Dichloroethene     | 4.58  | 96   | 34322    | 5.302  | ug/l   | 94     |
| 28) Bromochloromethane         | 5.05  | 49   | 542      | 0.590  | ug/l # | 55     |
| 29) Tetrahydrofuran            | 5.13  | 42   | 597      | 0.218  | ug/l # | 61     |
| 36) 1,1-Dichloropropene        | 5.65  | 75   | 35368    | 4.706  | ug/l # | 41     |
| 38) Carbon Tetrachloride       | 5.65  | 117  | 47712    | 6.968  | ug/l # | 15     |
| 43) Isopropyl Acetate          | 6.47  | 43   | 3589     | 0.261  | ug/l # | 71     |
| 44) Trichloroethene            | 7.20  | 130  | 84458    | 13.222 | ug/l   | 99     |
| 49) 1,4-Dioxane                | 7.73  | 88   | 303      | 2.214  | ug/l # | 1      |
| 65) Chlorobenzene              | 10.14 | 112  | 3547     | 0.229  | ug/l   | 89     |
| 76) 1,2,3-Trichloropropane     | 11.14 | 75   | 163286   | 21.723 | ug/l # | 39     |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75   | 163286   | 61.313 | ug/l # | 12     |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 4551     | 0.381  | ug/l # | 53     |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 4191     | 0.354  | ug/l   | 95     |

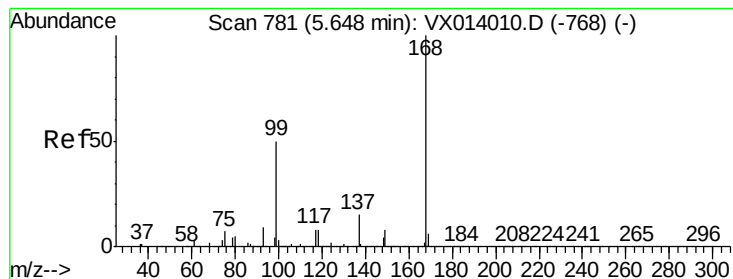
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX010320\  
Data File : VX014403.D  
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Sample : K6476-08  
Misc : 6.80g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
WP022SB455\_191227-24-25

Quant Time: Jan 06 02:33:07 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X121319W.M  
Quant Title : SW846 8260  
QLast Update : Tue Dec 17 03:01:07 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014403.D

Acq: 03 Jan 2020 16:13

Instrument :

MSVOA\_X

ClientSampleId :

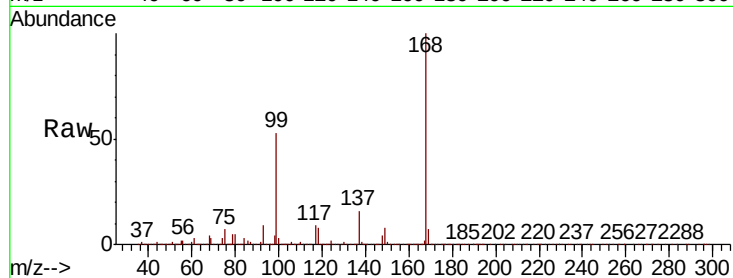
WP022SB455\_191227-24-25

Tot Ion:168 Resp: 540111

Ion Ratio Lower Upper

168 100

99 52.9 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

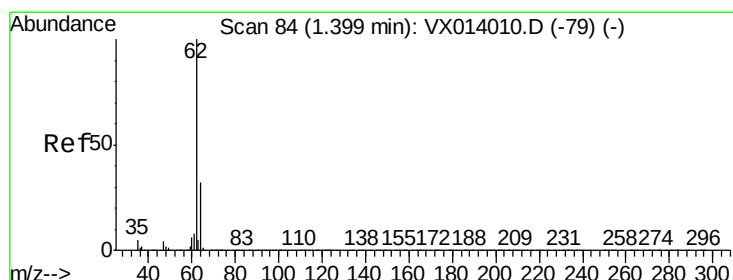
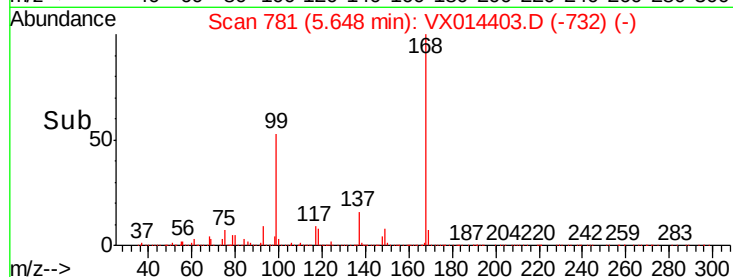
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#4

Vinyl Chloride

Concen: 0.458 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014403.D

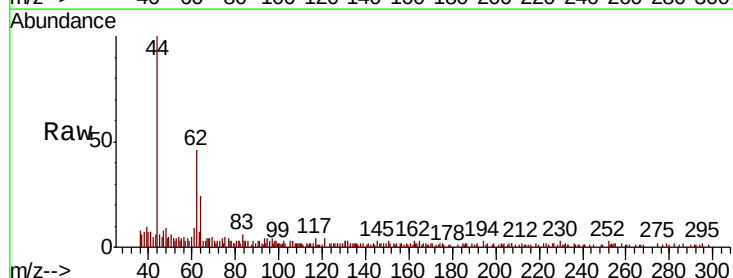
Acq: 03 Jan 2020 16:13

Tgt Ion: 62 Resp: 3134

Ion Ratio Lower Upper

62 100

64 31.3 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

2500

2000

1500

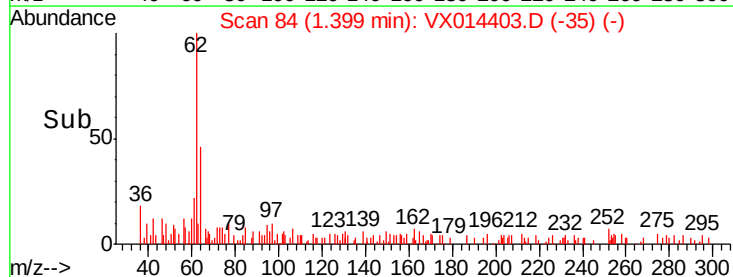
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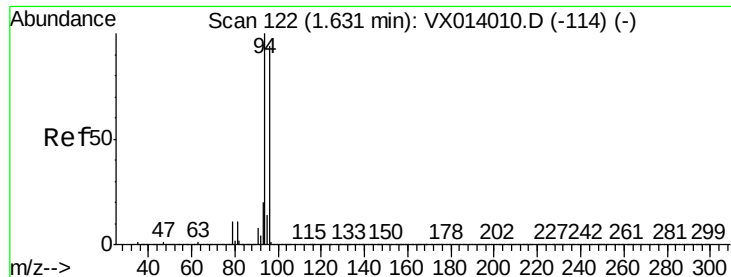
500

0

1.35 1.40 1.45

Time-->





#5

Bromomethane

Concen: 0.579 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014403.D

Acq: 03 Jan 2020 16:13

Instrument :

MSVOA\_X

ClientSampleId :

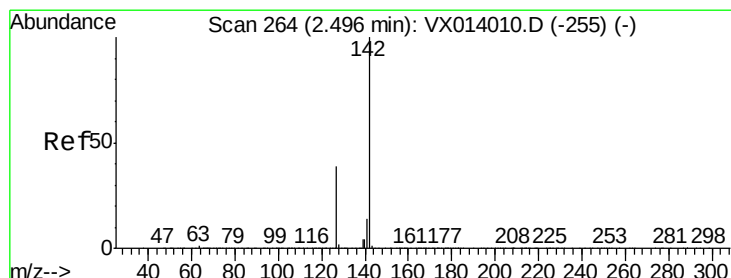
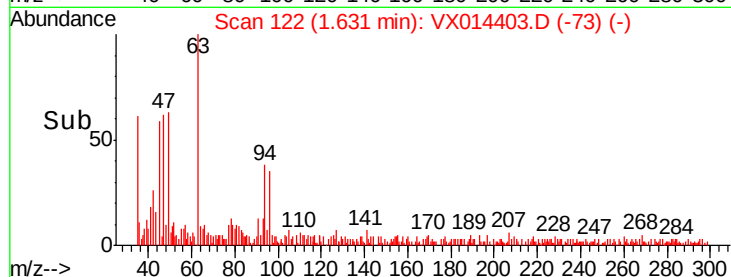
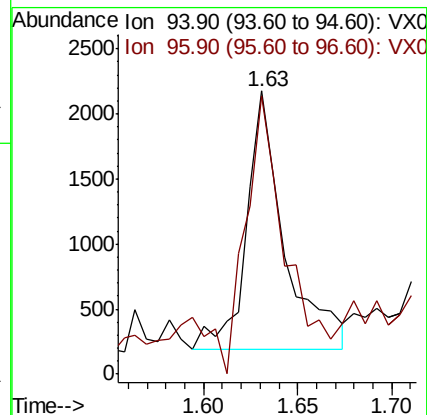
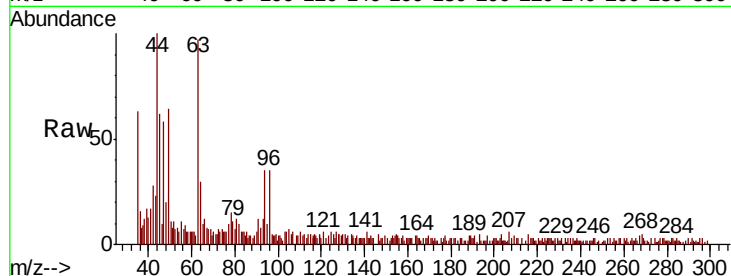
WP022SB455\_191227-24-25

Tot Ion: 94 Resp: 2811

Ion Ratio Lower Upper

94 100

96 98.3 75.2 112.8



#10

Methyl Iodide

Concen: 2.841 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.01 min

Lab File: VX014403.D

Acq: 03 Jan 2020 16:13

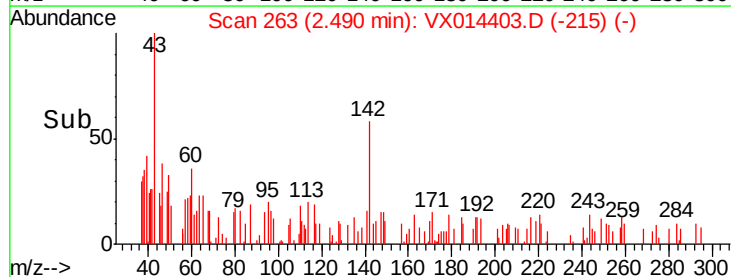
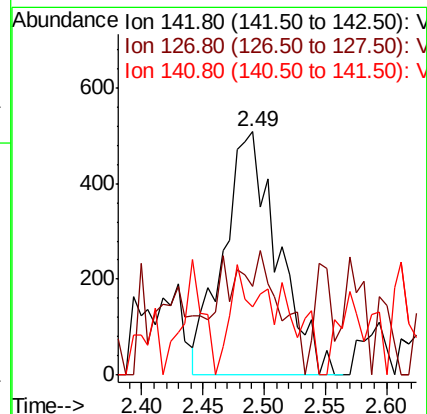
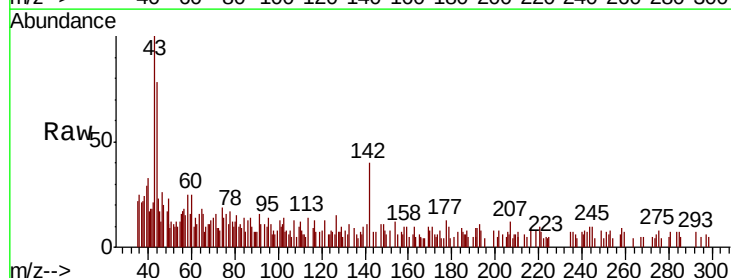
Tgt Ion: 142 Resp: 1566

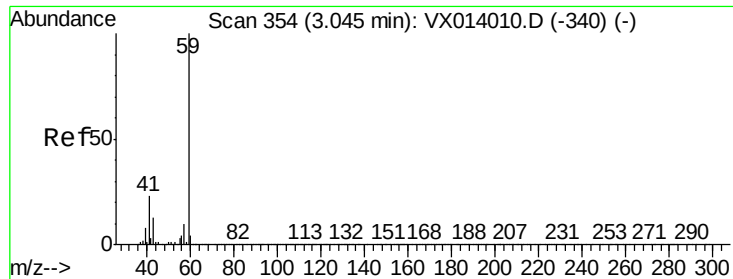
Ion Ratio Lower Upper

142 100

127 0.0 31.6 47.4#

141 0.0 11.6 17.4#



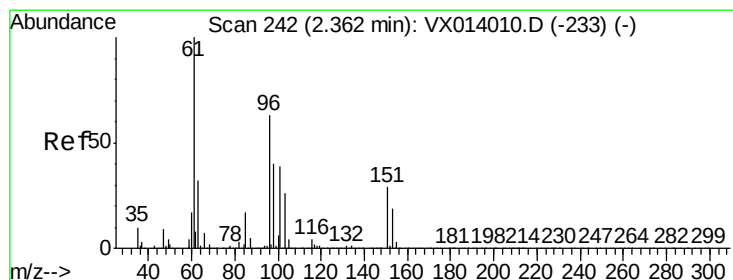
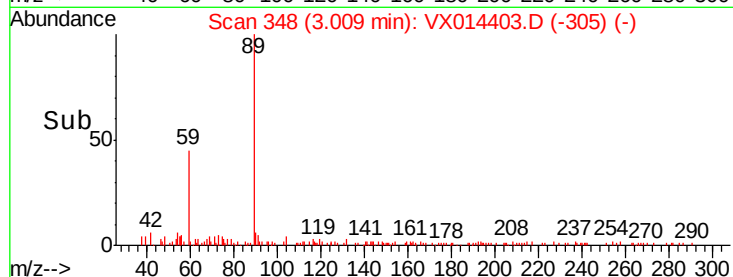
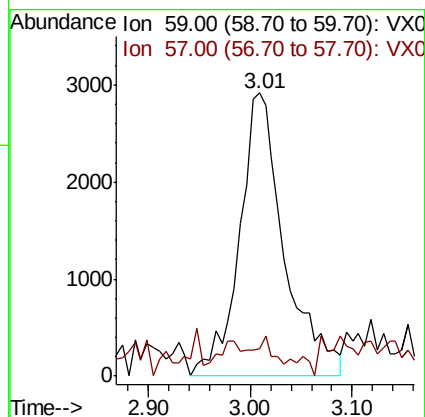
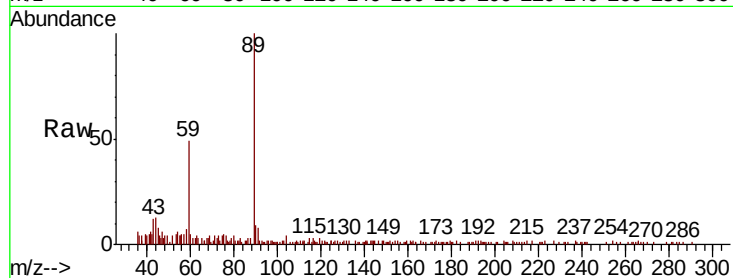


#11

Tert butyl alcohol  
 Concen: 6.766 ug/l  
 RT: 3.01 min Scan# 348  
 Delta R.T. -0.04 min  
 Lab File: VX014403.D  
 Acq: 03 Jan 2020 16:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WP022SB455\_191227-24-25

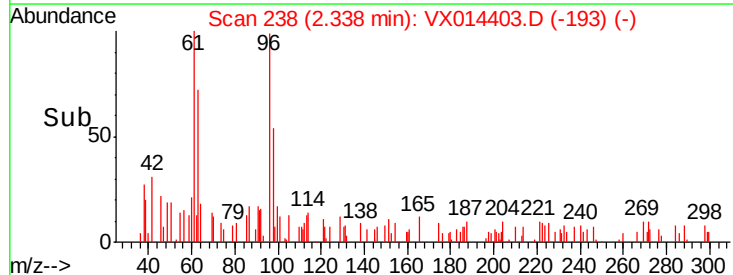
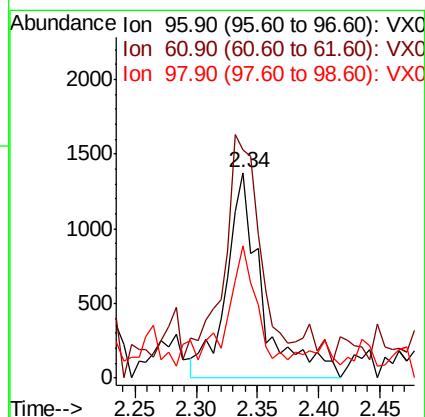
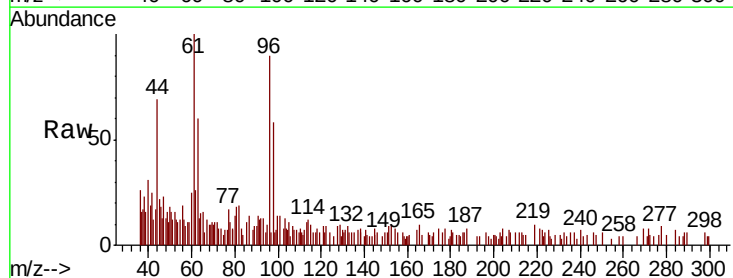
Tot Ion: 59 Resp: 8950  
 Ion Ratio Lower Upper  
 59 100  
 57 0.0 8.4 12.6#

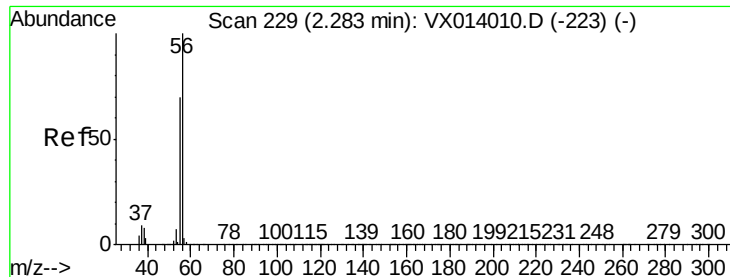


#12

1,1-Dichloroethene  
 Concen: 0.533 ug/l  
 RT: 2.34 min Scan# 238  
 Delta R.T. -0.02 min  
 Lab File: VX014403.D  
 Acq: 03 Jan 2020 16:13

Tgt Ion: 96 Resp: 2771  
 Ion Ratio Lower Upper  
 96 100  
 61 92.0 127.9 191.9#  
 98 58.3 50.5 75.7





#13

Acrolein

Concen: 0.950 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX014403.D

Acq: 03 Jan 2020 16:13

Instrument :

MSVOA\_X

ClientSampleId :

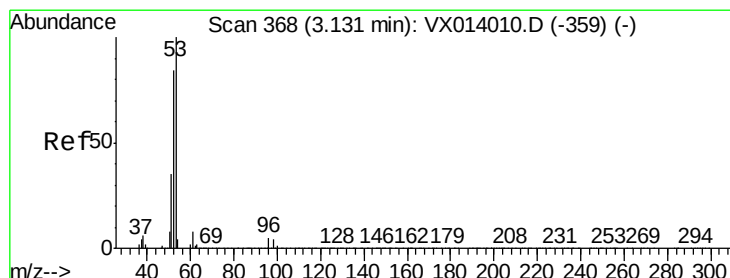
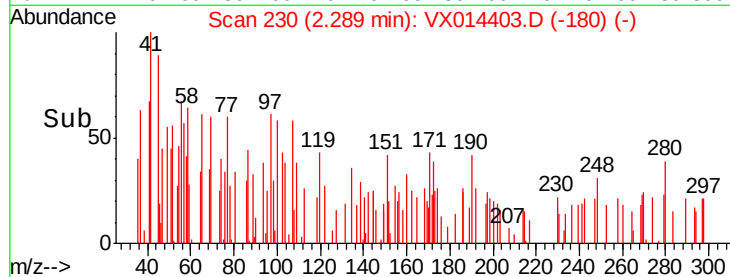
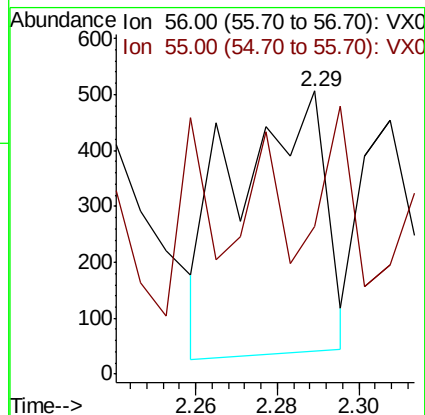
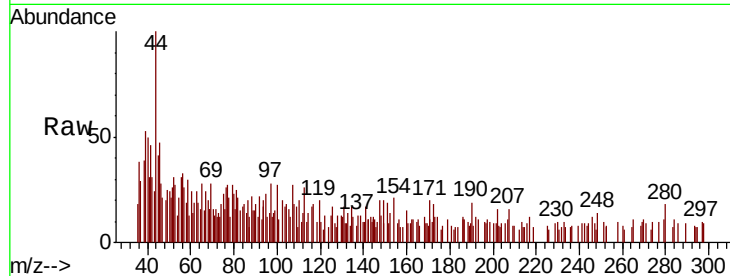
WP022SB455\_191227-24-25

Tot Ion: 56 Resp: 719

Ion Ratio Lower Upper

56 100

55 12.0 56.9 85.3#



#15

Acrylonitrile

Concen: 0.296 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.02 min

Lab File: VX014403.D

Acq: 03 Jan 2020 16:13

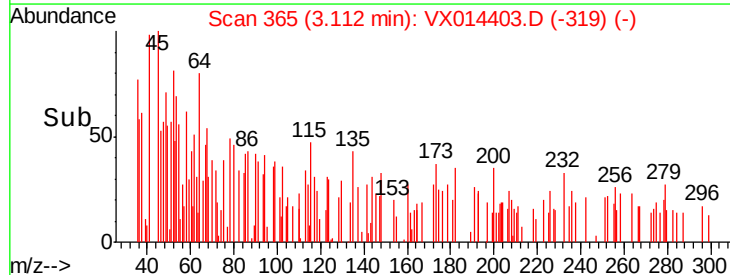
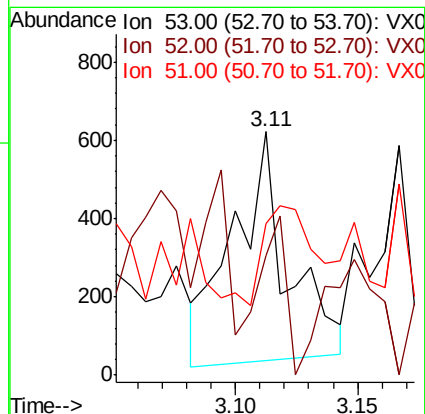
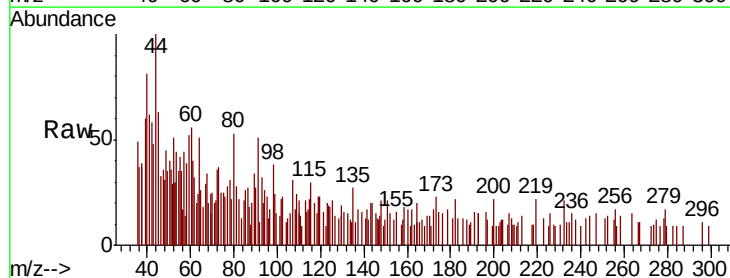
Tgt Ion: 53 Resp: 913

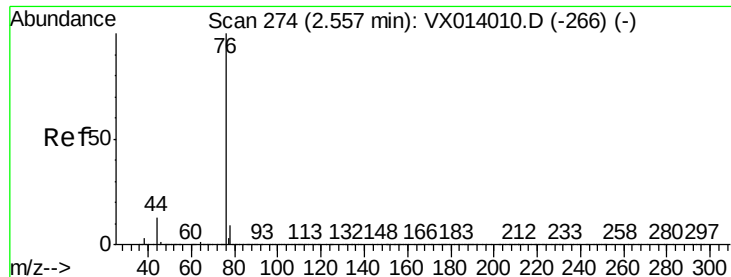
Ion Ratio Lower Upper

53 100

52 17.9 66.5 99.7#

51 38.6 28.1 42.1





#17

Carbon Disulfide

Concen: 0.805 ug/l

RT: 2.53 min Scan# 269

Delta R.T. -0.03 min

Lab File: VX014403.D

Acq: 03 Jan 2020 16:13

Instrument :

MSVOA\_X

ClientSampleId :

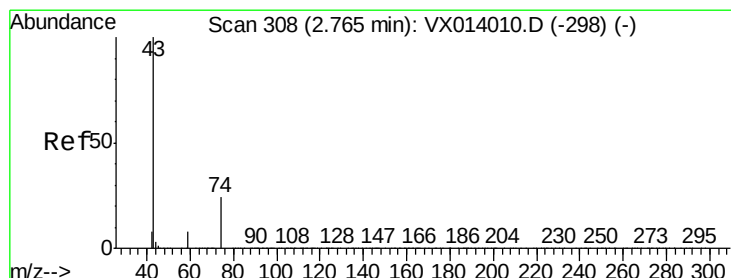
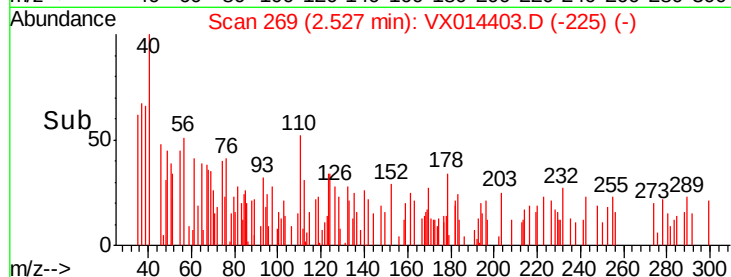
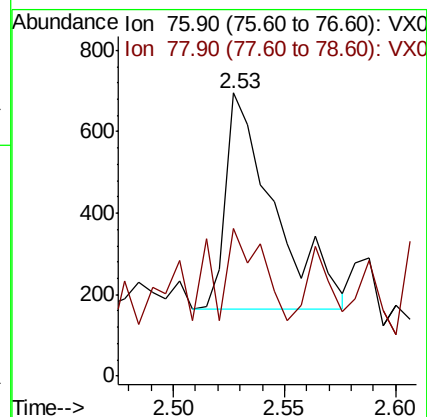
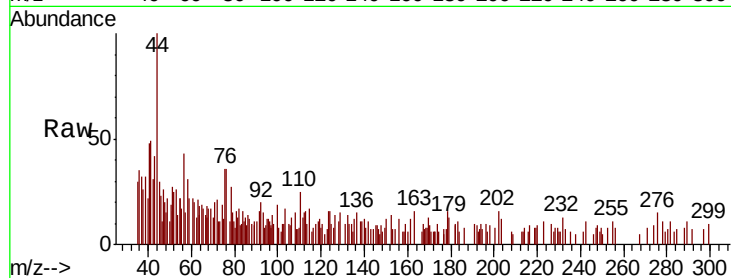
WP022SB455\_191227-24-25

Tot Ion: 76 Resp: 796

Ion Ratio Lower Upper

76 100

78 46.3 7.2 10.8#



#18

Methyl Acetate

Concen: 0.374 ug/l

RT: 2.78 min Scan# 310

Delta R.T. 0.01 min

Lab File: VX014403.D

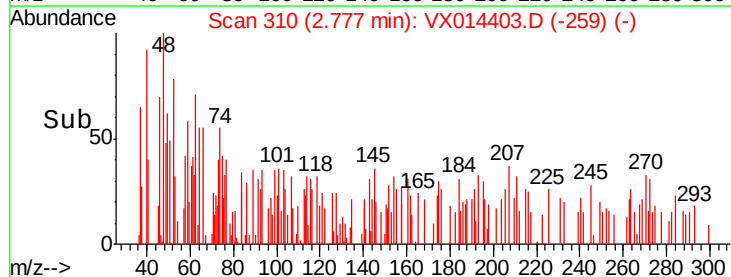
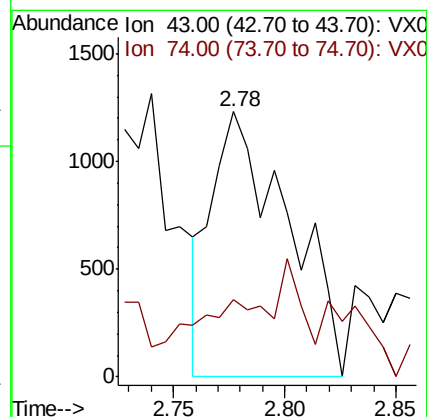
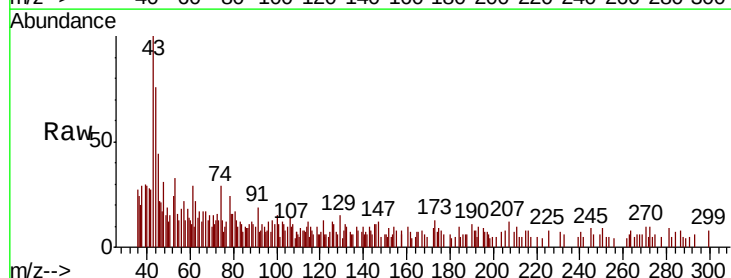
Acq: 03 Jan 2020 16:13

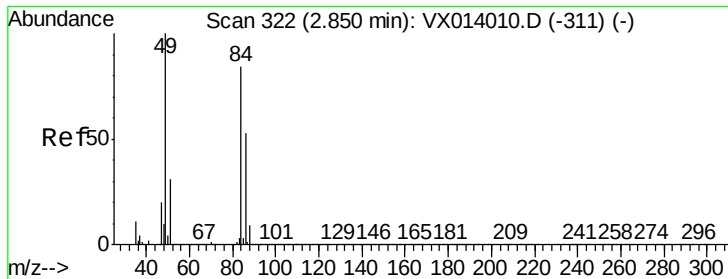
Tgt Ion: 43 Resp: 2946

Ion Ratio Lower Upper

43 100

74 14.7 19.5 29.3#

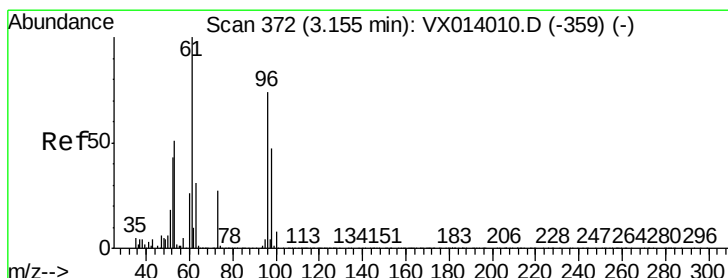
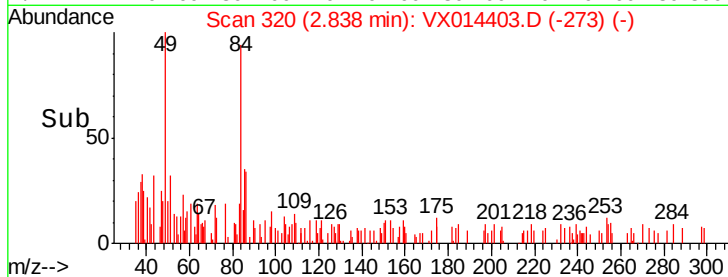
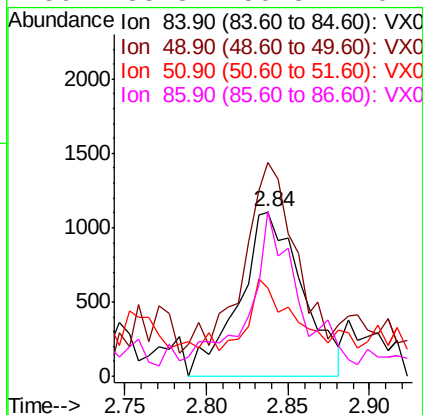
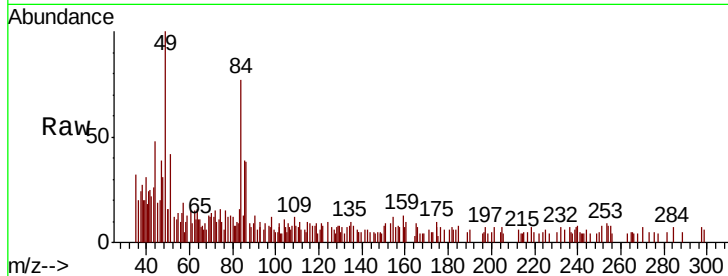




#20  
Methylene Chloride  
Concen: 0.473 ug/l  
RT: 2.84 min Scan# 320  
Delta R.T. -0.01 min  
Lab File: VX014403.D  
Acq: 03 Jan 2020 16:13

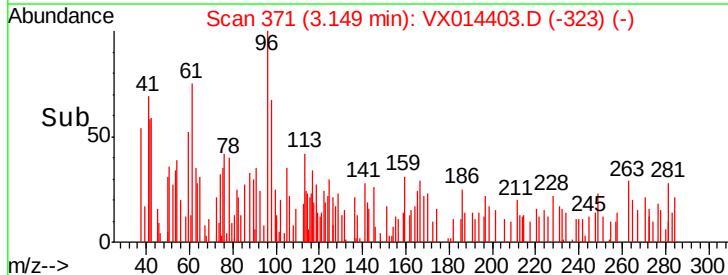
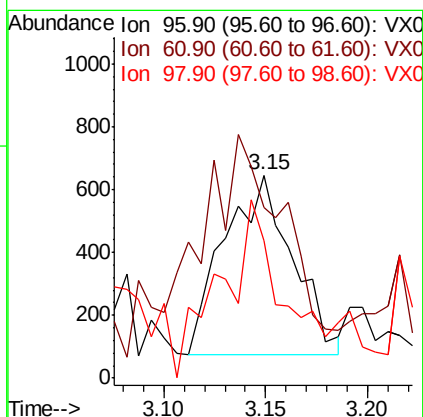
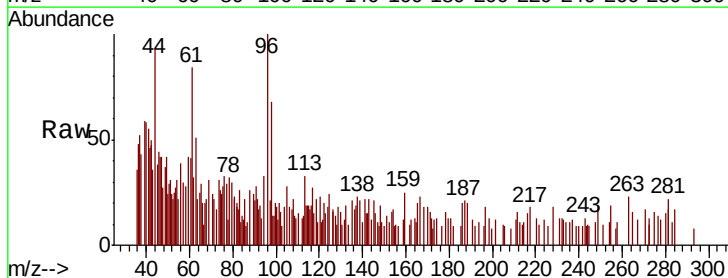
Instrument :  
MSVOA\_X  
ClientSampleId :  
WP022SB455\_191227-24-25

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 84    | Resp: | 2957  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 110.4 | 95.8  | 143.6 |
| 51       | 32.9  | 29.8  | 44.8  |
| 86       | 88.8  | 50.8  | 76.2# |

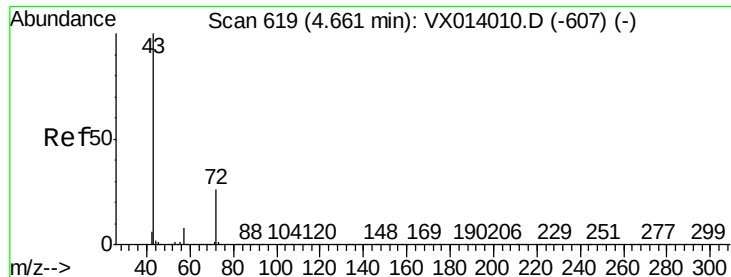


#21  
trans-1,2-Dichloroethene  
Concen: 0.232 ug/l  
RT: 3.15 min Scan# 371  
Delta R.T. -0.01 min  
Lab File: VX014403.D  
Acq: 03 Jan 2020 16:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 1328   |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 68.6  | 108.3 | 162.5# |
| 98       | 61.9  | 50.8  | 76.2   |







#25

2-Butanone

Concen: 2.061 ug/l

RT: 4.70 min Scan# 626

Delta R.T. 0.04 min

Lab File: VX014403.D

Acq: 03 Jan 2020 16:13

Instrument :

MSVOA\_X

ClientSampleId :

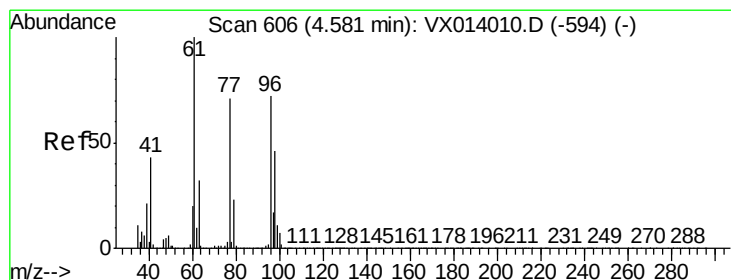
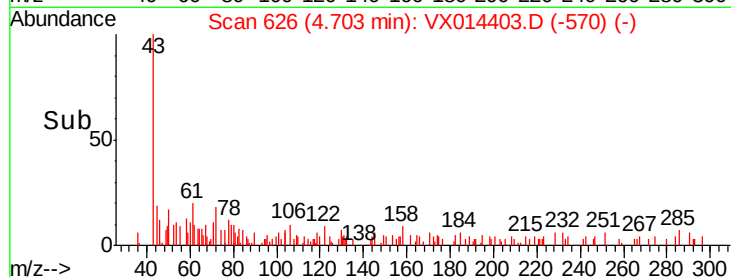
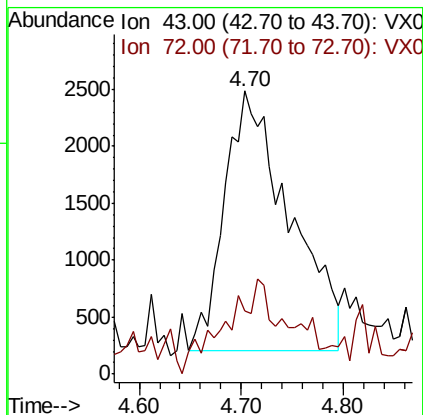
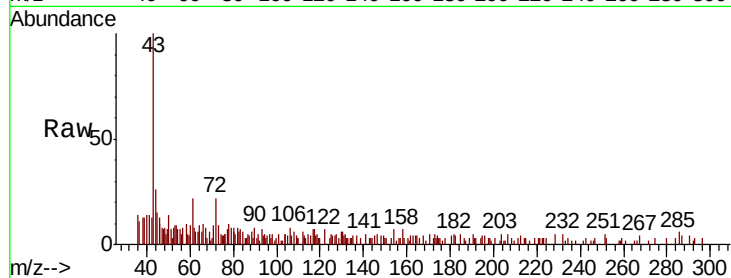
WP022SB455\_191227-24-25

Tot Ion: 43 Resp: 10096

Ion Ratio Lower Upper

43 100

72 15.7 21.0 31.4#



#27

cis-1,2-Dichloroethene

Concen: 5.302 ug/l

RT: 4.58 min Scan# 606

Delta R.T. 0.00 min

Lab File: VX014403.D

Acq: 03 Jan 2020 16:13

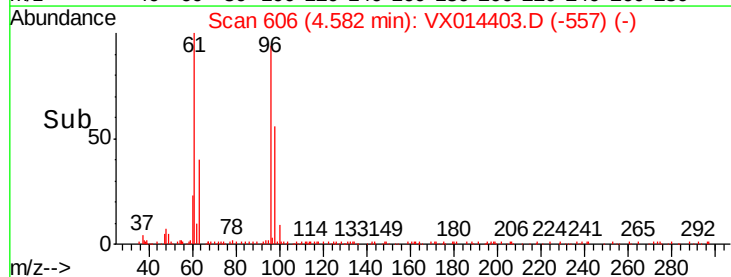
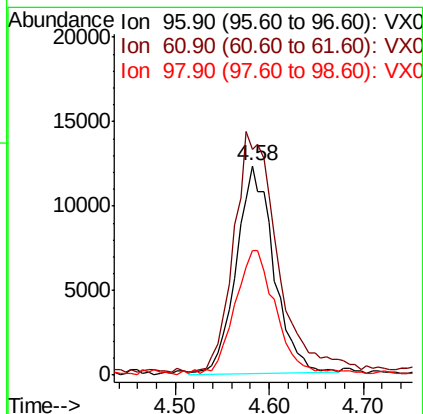
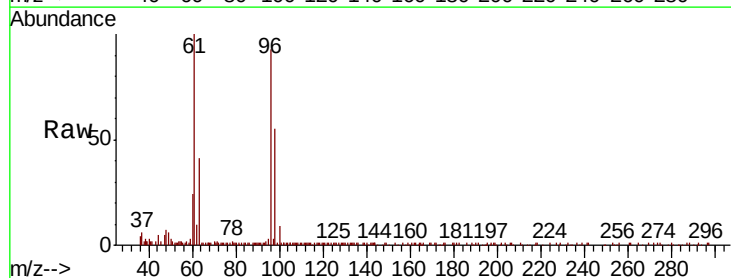
Tgt Ion: 96 Resp: 34322

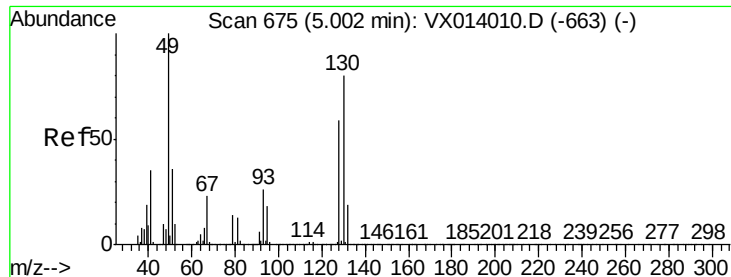
Ion Ratio Lower Upper

96 100

61 134.9 0.0 288.4

98 62.7 0.0 129.6





#28

Bromochloromethane

Concen: 0.590 ug/l

RT: 5.05 min Scan# 683

Delta R.T. 0.05 min

Lab File: VX014403.D

Acq: 03 Jan 2020 16:13

Instrument :

MSVOA\_X

ClientSampleId :

WP022SB455\_191227-24-25

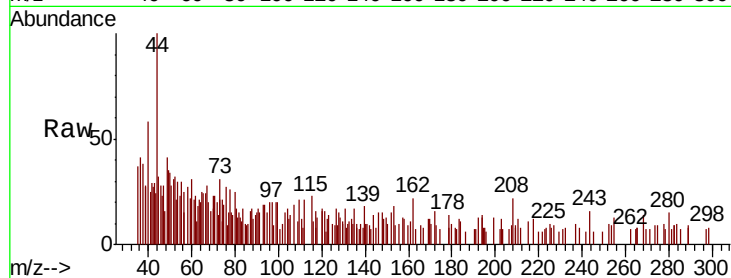
Tot Ion: 49 Resp: 542

Ion Ratio Lower Upper

49 100

129 20.7 0.0 5.0#

130 41.1 64.6 97.0#



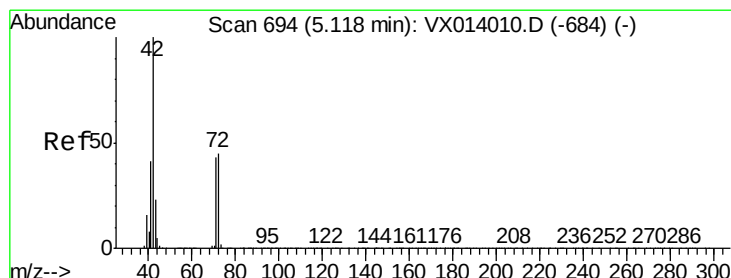
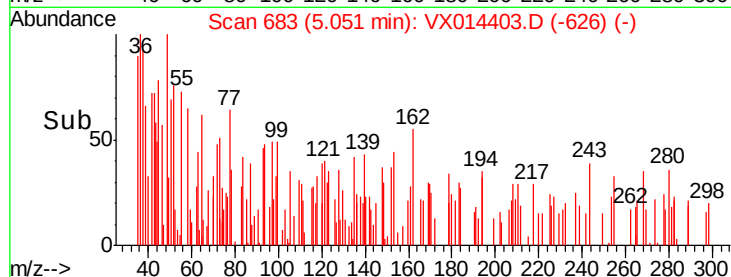
Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

5.05

Time-->



#29

Tetrahydrofuran

Concen: 0.218 ug/l

RT: 5.13 min Scan# 696

Delta R.T. 0.01 min

Lab File: VX014403.D

Acq: 03 Jan 2020 16:13

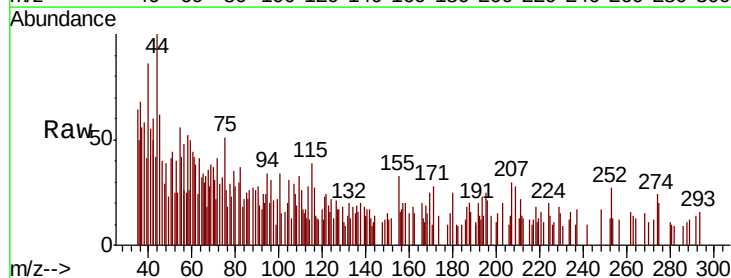
Tgt Ion: 42 Resp: 597

Ion Ratio Lower Upper

42 100

72 35.7 35.8 53.8#

71 0.0 33.6 50.4#



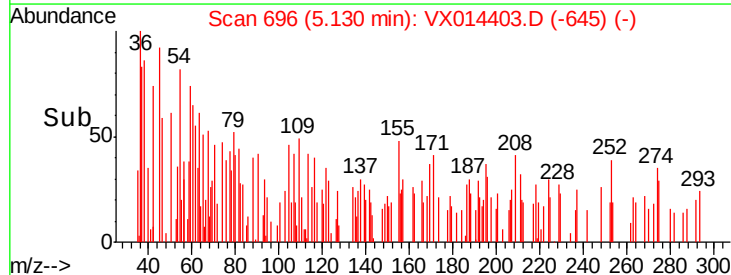
Abundance Ion 42.00 (41.70 to 42.70): VX0

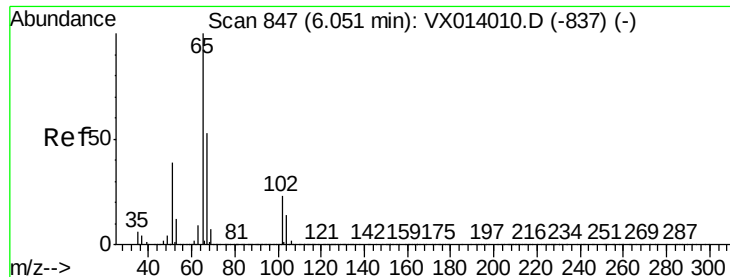
Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

5.13

Time-->

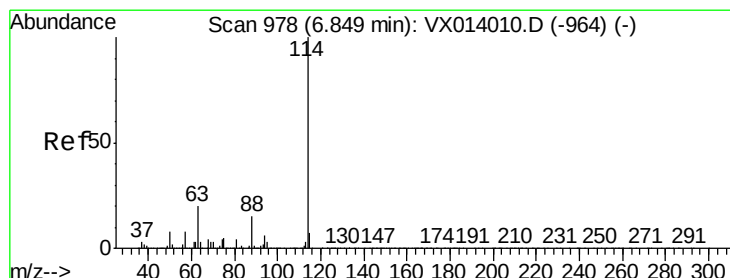
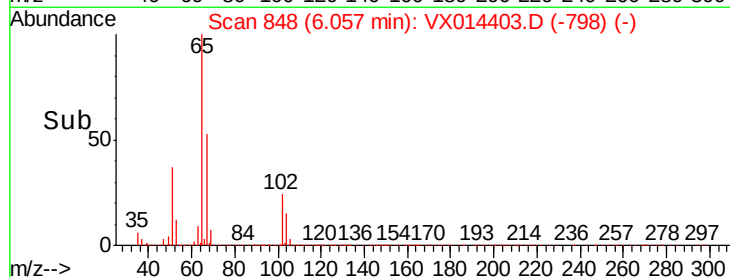
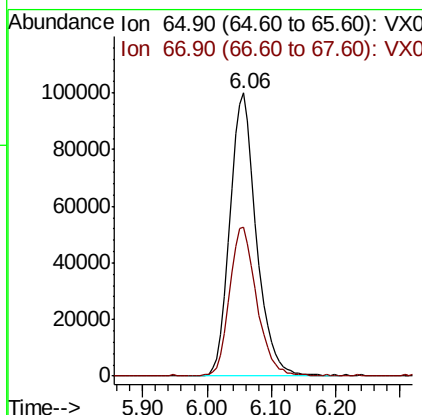
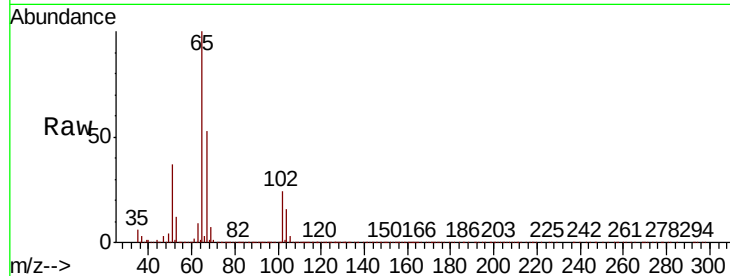




#33  
 1,2-Dichloroethane-d4  
 Concen: 47.048 ug/l  
 RT: 6.06 min Scan# 848  
 Delta R.T. 0.01 min  
 Lab File: VX014403.D  
 Acq: 03 Jan 2020 16:13

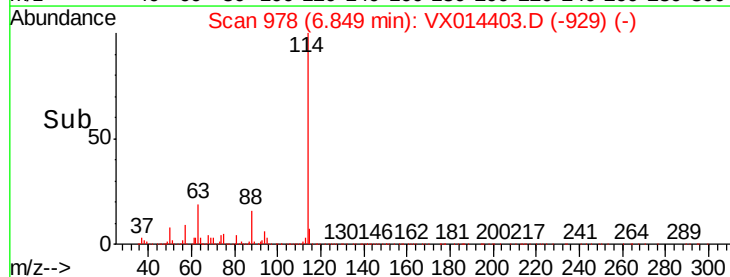
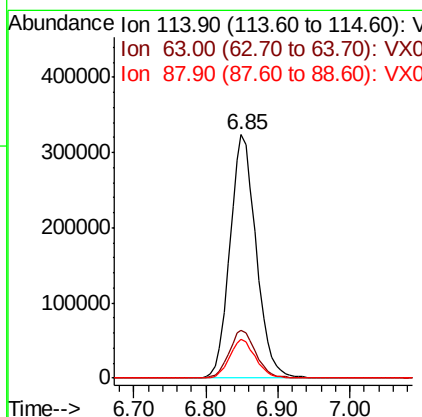
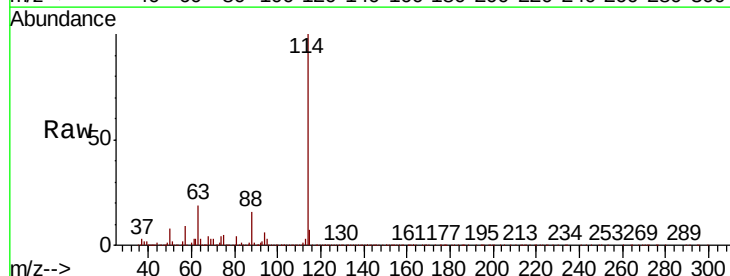
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WP022SB455\_191227-24-25

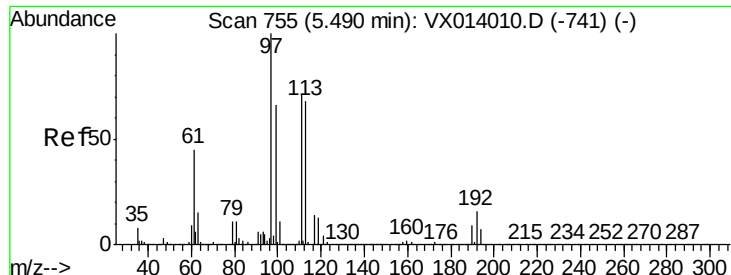
Tot Ion: 65 Resp: 288000  
 Ion Ratio Lower Upper  
 65 100  
 67 53.6 0.0 106.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 978  
 Delta R.T. 0.00 min  
 Lab File: VX014403.D  
 Acq: 03 Jan 2020 16:13

Tgt Ion: 114 Resp: 819118  
 Ion Ratio Lower Upper  
 114 100  
 63 19.3 0.0 40.8  
 88 15.9 0.0 30.4

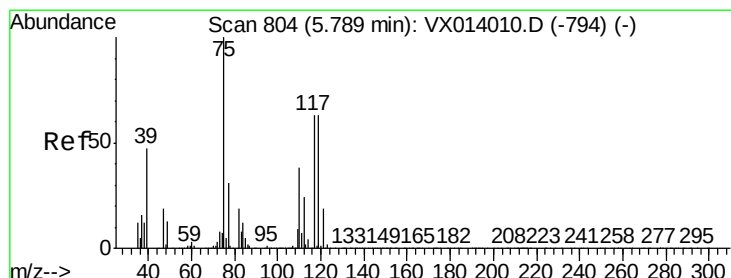
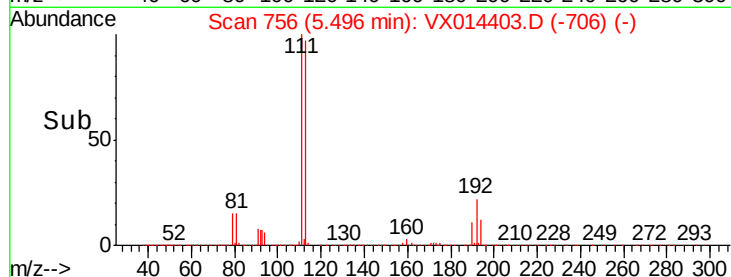
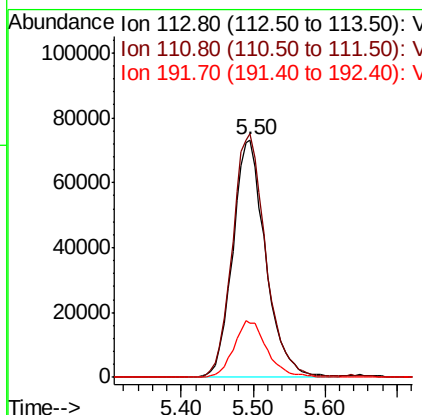
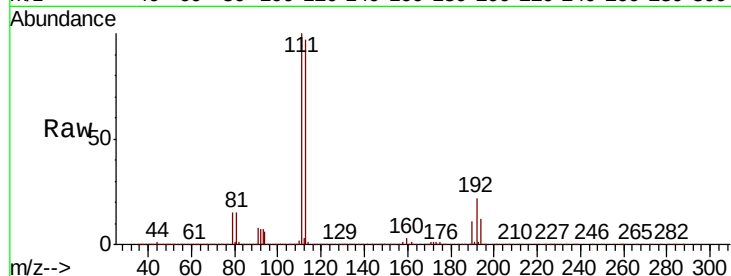




#35  
Dibromofluoromethane  
Concen: 46.233 ug/l  
RT: 5.50 min Scan# 756  
Delta R.T. 0.01 min  
Lab File: VX014403.D  
Acq: 03 Jan 2020 16:13

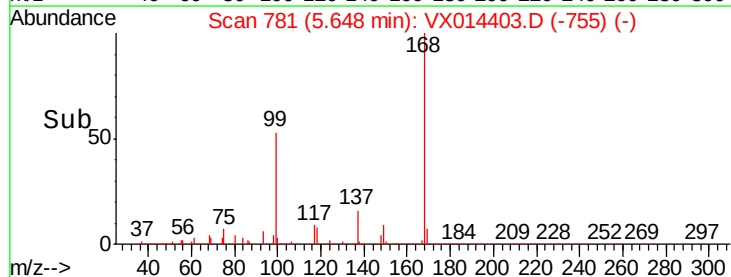
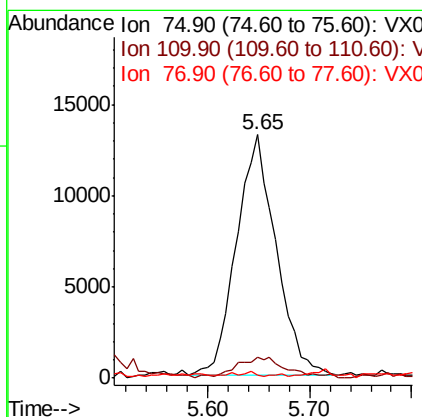
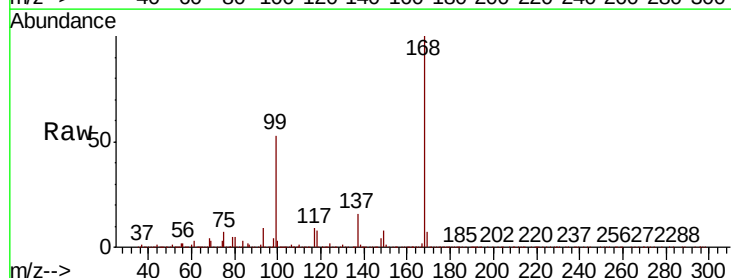
Instrument :  
MSVOA\_X  
ClientSampleId :  
WP022SB455\_191227-24-25

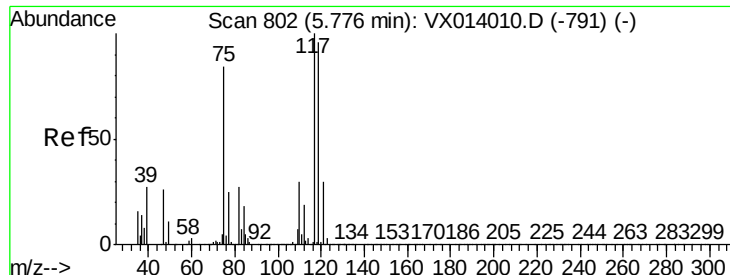
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 104.6 | 82.0  | 123.0 |
| 192     | 24.2  | 19.3  | 28.9  |



#36  
1,1-Dichloropropene  
Concen: 4.706 ug/l  
RT: 5.65 min Scan# 781  
Delta R.T. -0.14 min  
Lab File: VX014403.D  
Acq: 03 Jan 2020 16:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 0.0   | 18.3  | 54.9# |
| 77      | 0.6   | 24.8  | 37.2# |





#38

Carbon Tetrachloride

Concen: 6.968 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX014403.D

Acq: 03 Jan 2020 16:13

Instrument :

MSVOA\_X

ClientSampleId :

WP022SB455\_191227-24-25

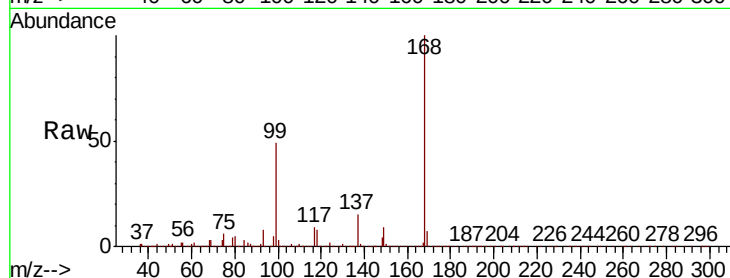
Tot Ion:117 Resp: 47712

Ion Ratio Lower Upper

117 100

119 3.8 76.2 114.4#

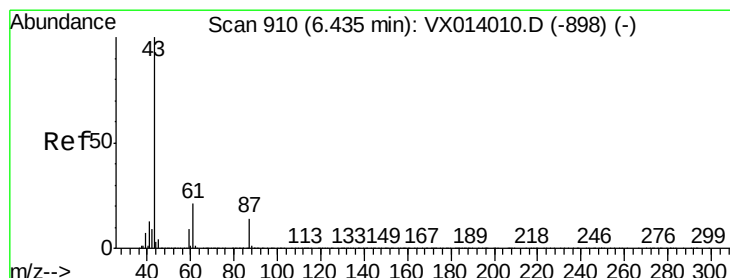
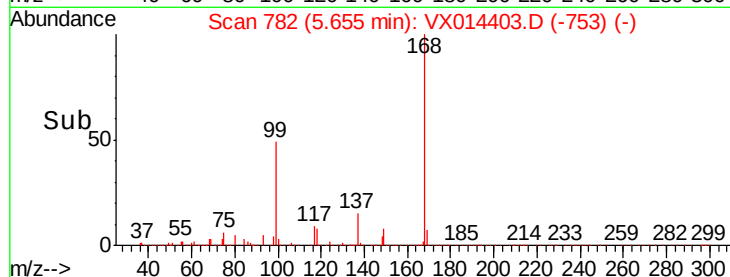
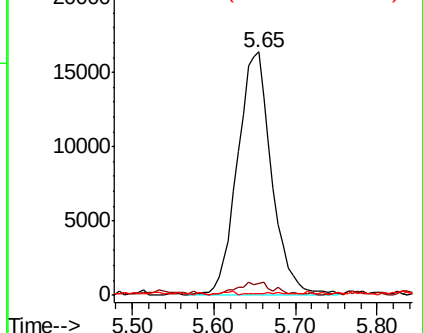
121 0.0 23.6 35.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 0.261 ug/l

RT: 6.47 min Scan# 916

Delta R.T. 0.04 min

Lab File: VX014403.D

Acq: 03 Jan 2020 16:13

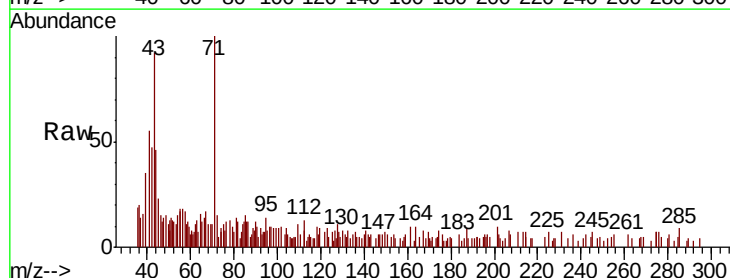
Tgt Ion: 43 Resp: 3589

Ion Ratio Lower Upper

43 100

61 2.8 16.4 24.6#

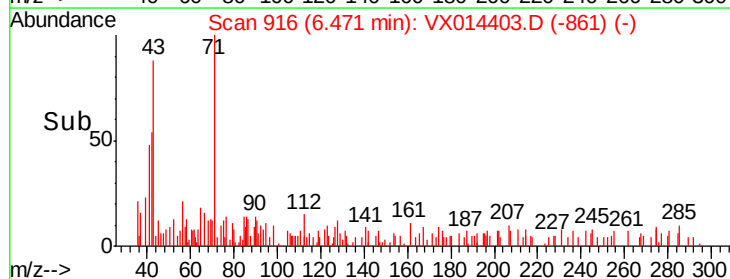
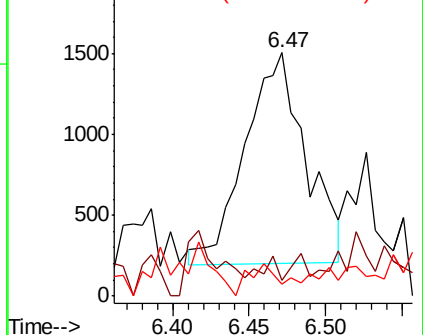
87 7.0 10.7 16.1#

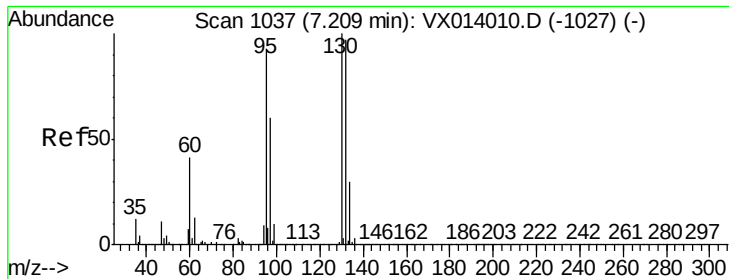


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#44

Trichloroethene

Concen: 13.222 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014403.D

Acq: 03 Jan 2020 16:13

Instrument :

MSVOA\_X

ClientSampleId :

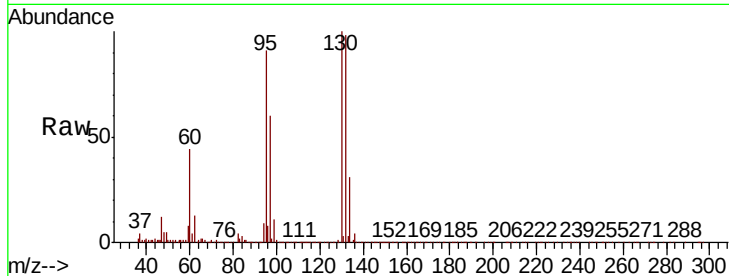
WP022SB455\_191227-24-25

Tot Ion:130 Resp: 84458

Ion Ratio Lower Upper

130 100

95 91.5 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

40000

30000

20000

10000

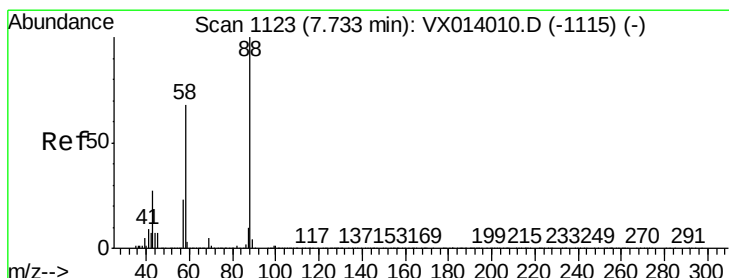
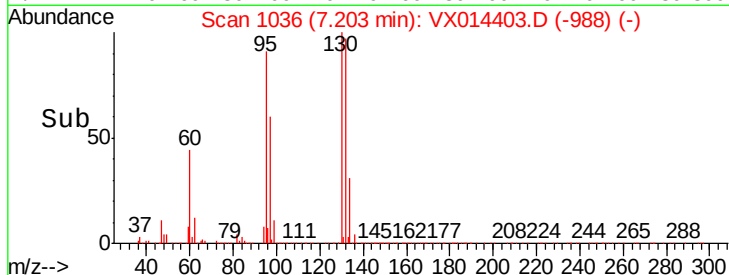
0

7.10

7.20

7.30

Time-->



#49

1,4-Dioxane

Concen: 2.214 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014403.D

Acq: 03 Jan 2020 16:13

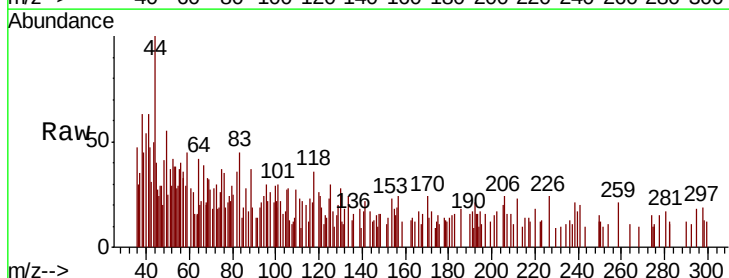
Tgt Ion: 88 Resp: 303

Ion Ratio Lower Upper

88 100

43 142.6 26.5 39.7#

58 0.0 56.8 85.2#



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

400

200

0

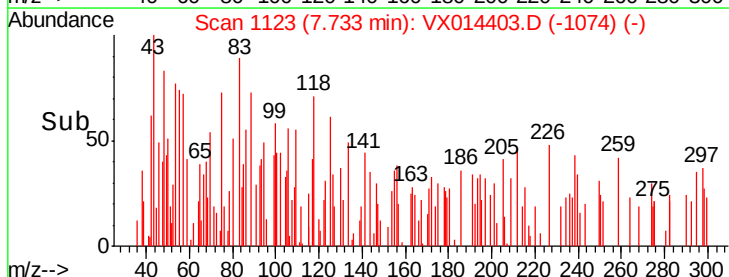
7.68

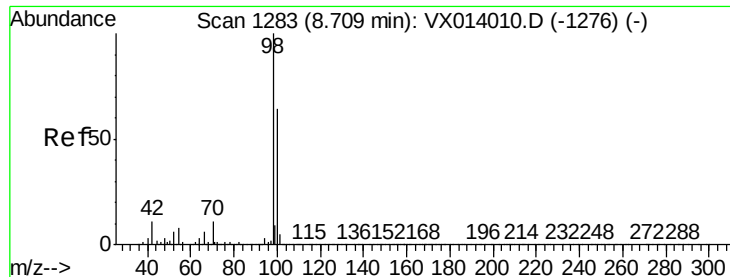
7.70

7.72

7.74

Time-->





#50

Toluene-d8

Concen: 50.401 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014403.D

Acq: 03 Jan 2020 16:13

Instrument :

MSVOA\_X

ClientSampleId :

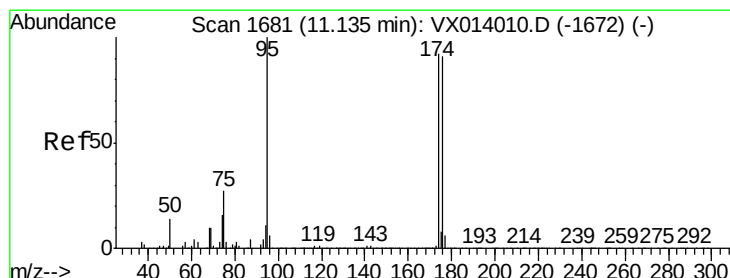
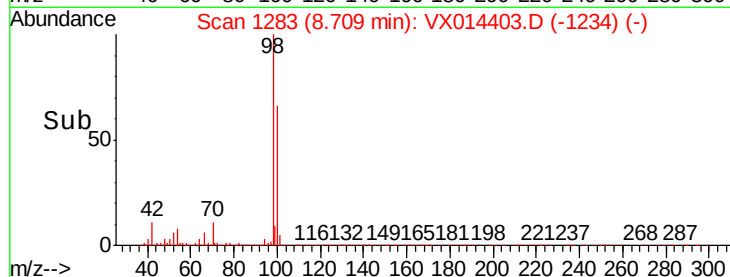
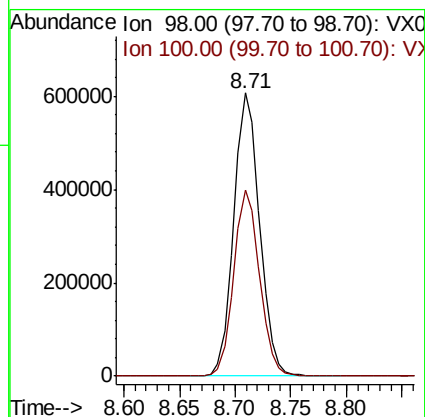
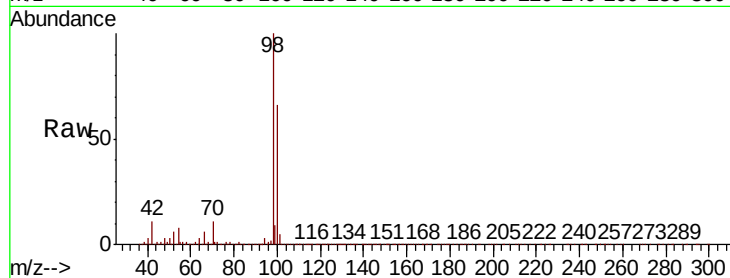
WP022SB455\_191227-24-25

Tot Ion: 98 Resp: 977067

Ion Ratio Lower Upper

98 100

100 65.2 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 46.983 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014403.D

Acq: 03 Jan 2020 16:13

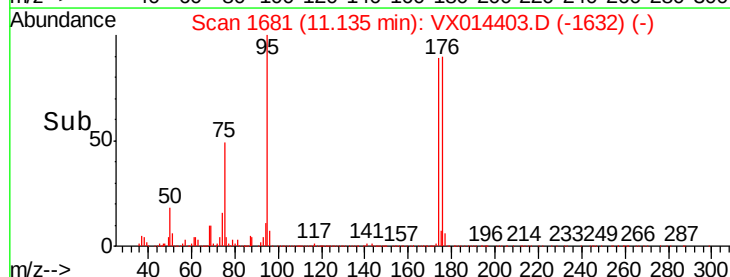
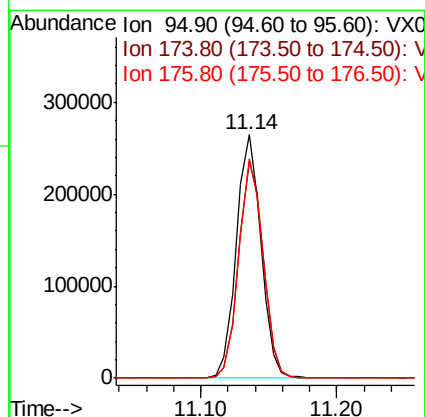
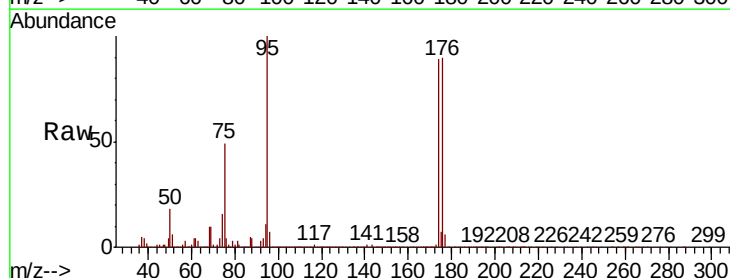
Tgt Ion: 95 Resp: 332936

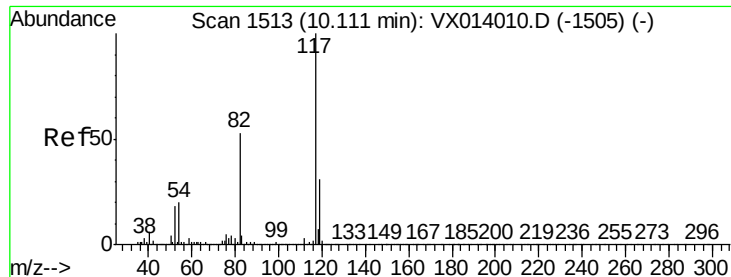
Ion Ratio Lower Upper

95 100

174 89.8 0.0 175.8

176 88.9 0.0 173.0

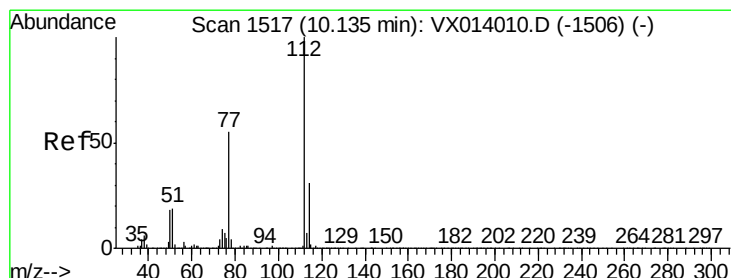
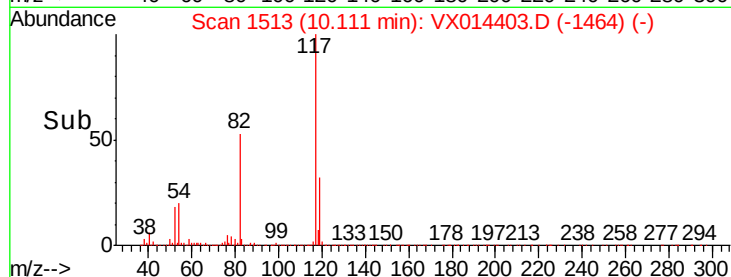
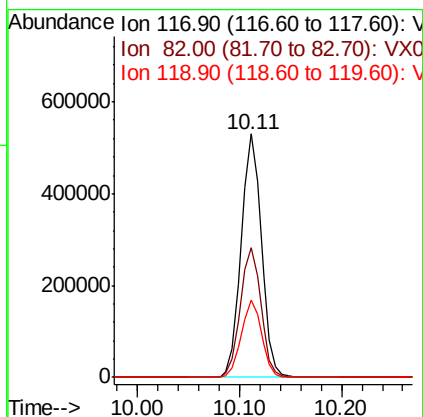
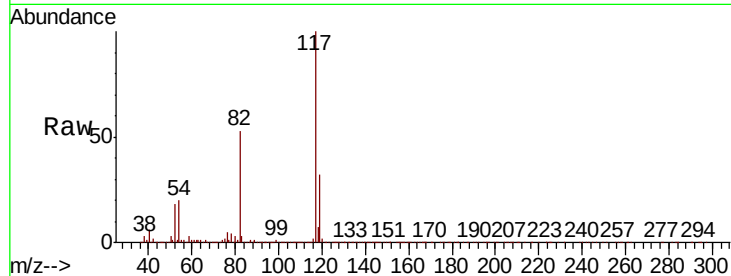




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1513  
Delta R.T. 0.00 min  
Lab File: VX014403.D  
Acq: 03 Jan 2020 16:13

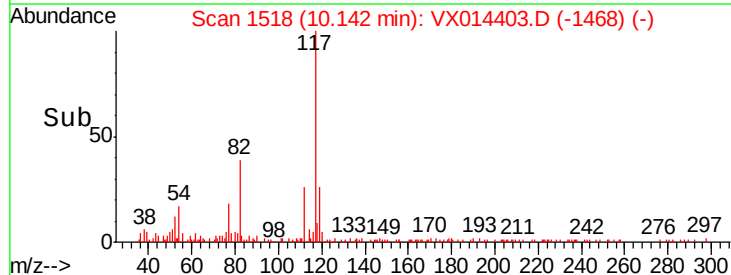
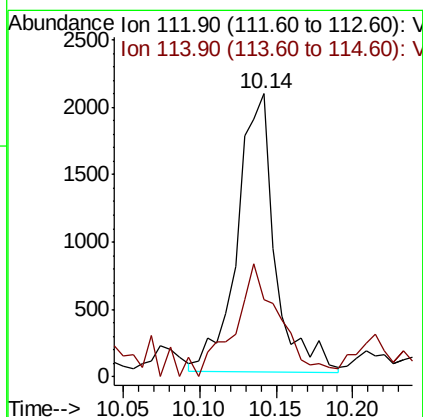
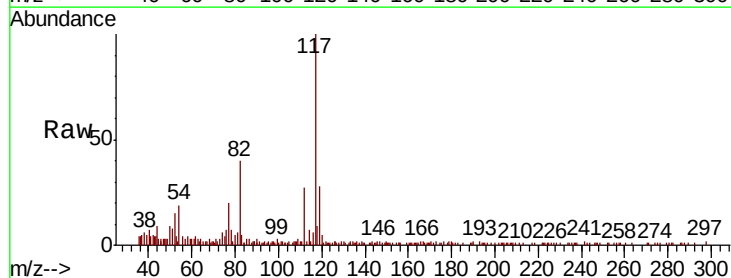
Instrument :  
MSVOA\_X  
ClientSampleId :  
WP022SB455\_191227-24-25

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 53.3  | 42.2  | 63.4  |
| 119     | 31.8  | 25.1  | 37.7  |

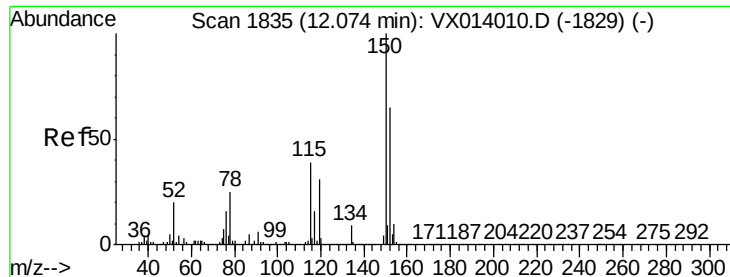


#65  
Chlorobenzene  
Concen: 0.229 ug/l  
RT: 10.14 min Scan# 1518  
Delta R.T. 0.01 min  
Lab File: VX014403.D  
Acq: 03 Jan 2020 16:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 25.3  | 24.9  | 37.3  |



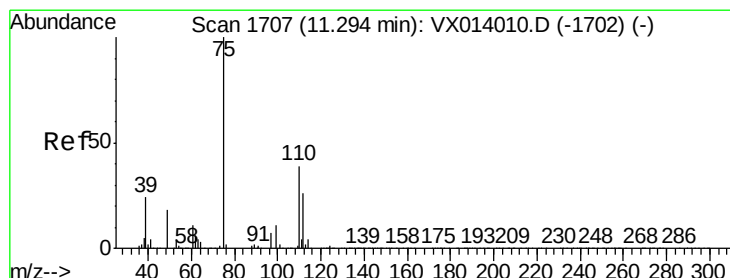
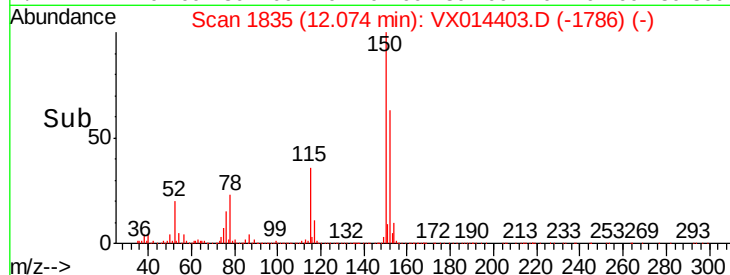
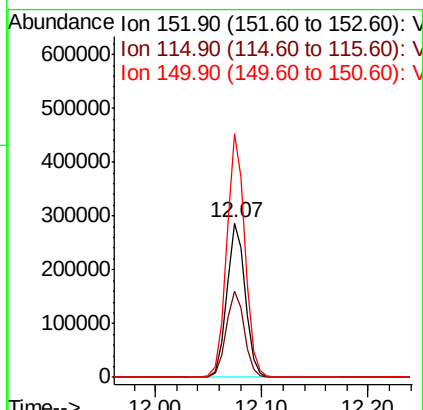
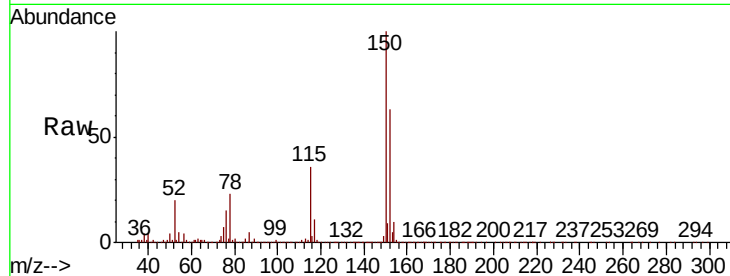




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.07 min Scan# 1835  
 Delta R.T. 0.00 min  
 Lab File: VX014403.D  
 Acq: 03 Jan 2020 16:13

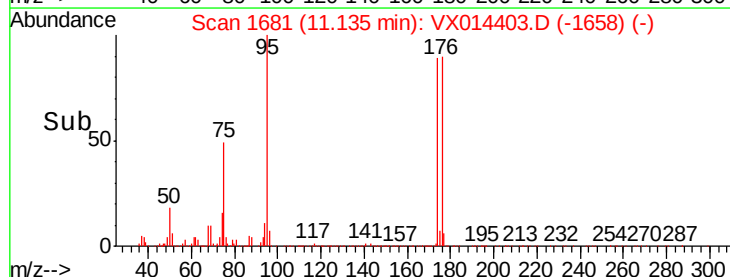
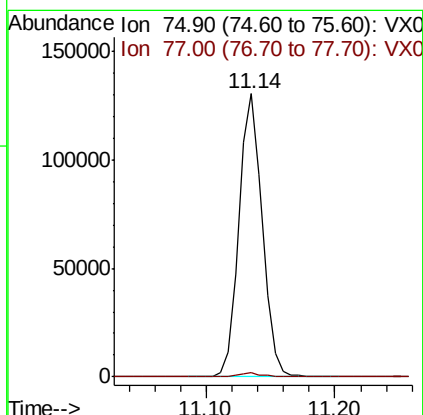
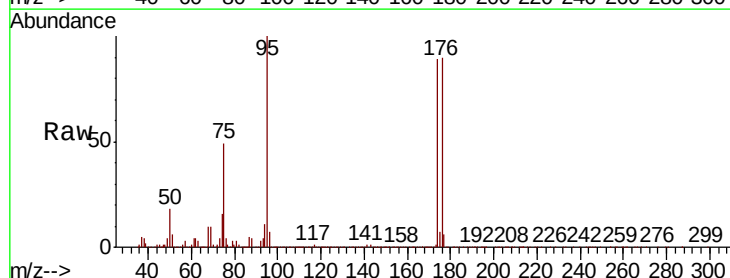
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WP022SB455\_191227-24-25

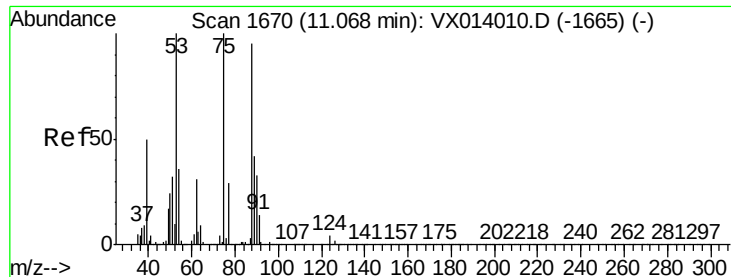
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 55.6  | 38.3  | 114.9 |
| 150     | 156.3 | 0.0   | 345.4 |



#76  
 1,2,3-Trichloropropane  
 Concen: 21.723 ug/l  
 RT: 11.14 min Scan# 1681  
 Delta R.T. -0.16 min  
 Lab File: VX014403.D  
 Acq: 03 Jan 2020 16:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 1.4   | 19.3  | 57.8# |





#81

trans-1,4-Dichloro-2-butene

Concen: 61.313 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX014403.D

Acq: 03 Jan 2020 16:13

Instrument :

MSVOA\_X

ClientSampleId :

WP022SB455\_191227-24-25

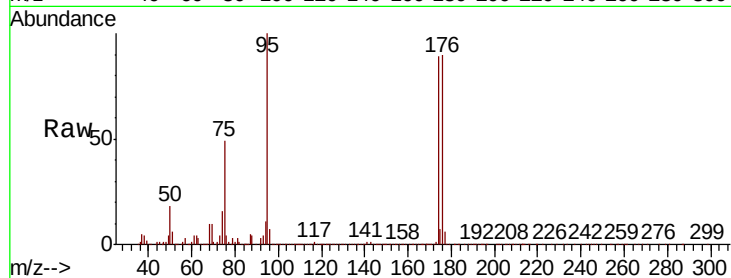
Tot Ion: 75 Resp: 163286

Ion Ratio Lower Upper

75 100

53 0.2 76.7 115.1#

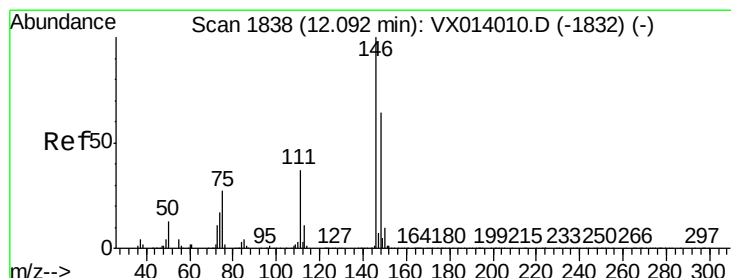
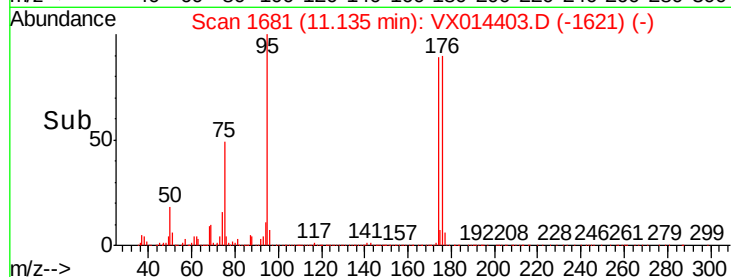
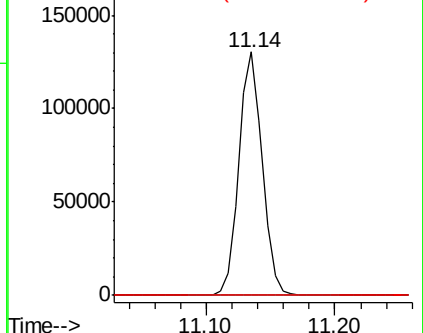
89 0.1 34.6 51.8#



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



#88

1,4-Dichlorobenzene

Concen: 0.381 ug/l

RT: 12.10 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VX014403.D

Acq: 03 Jan 2020 16:13

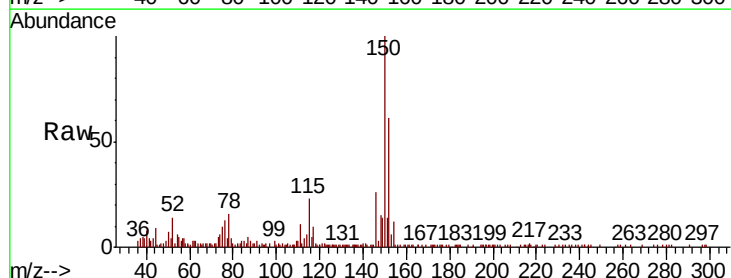
Tgt Ion: 146 Resp: 4551

Ion Ratio Lower Upper

146 100

111 0.0 18.7 56.1#

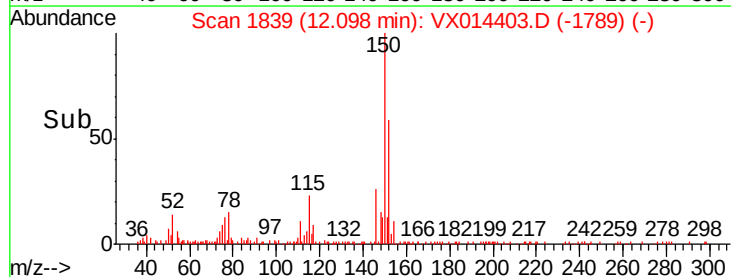
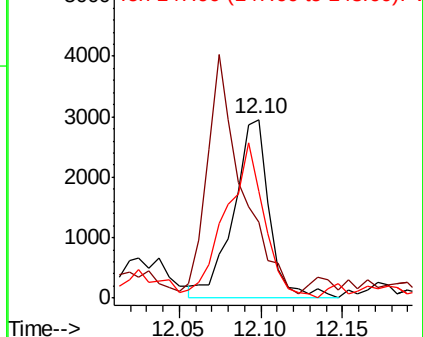
148 93.3 31.9 95.9

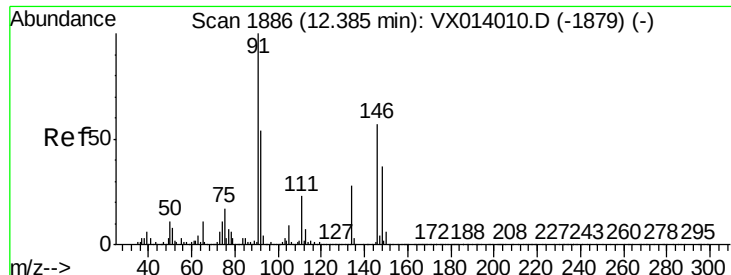


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#91

1,2-Dichlorobenzene

Concen: 0.354 ug/l

RT: 12.39 min Scan# 1887

Delta R.T. 0.01 min

Lab File: VX014403.D

Acq: 03 Jan 2020 16:13

Instrument :

MSVOA\_X

ClientSampleId :

WP022SB455\_191227-24-25

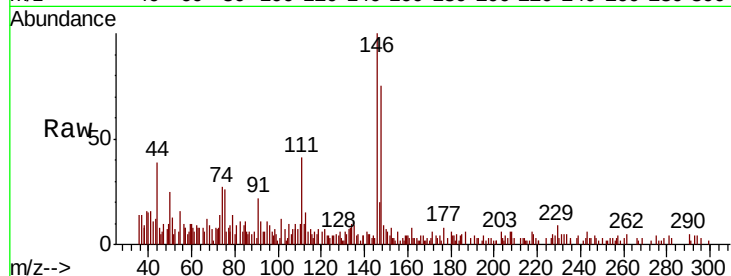
Tot Ion:146 Resp: 4191

Ion Ratio Lower Upper

146 100

111 37.3 19.7 59.1

148 69.1 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

