

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052620\  
 Data File : VX016430.D  
 Acq On : 26 May 2020 17:13  
 Operator : JC/SP  
 Sample : VX0526WBL01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: May 27 05:22:22 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X052620W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 26 16:32:50 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 121022   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 209830   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 202305   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 86210    | 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   | 81416    | 51.94 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.88% |          |
| 35) Dibromofluoromethane    | 5.46  | 113  | 64519    | 48.07 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.14%  |          |
| 50) Toluene-d8              | 8.70  | 98   | 257216   | 52.03 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.06% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 93274    | 50.84 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.68% |          |

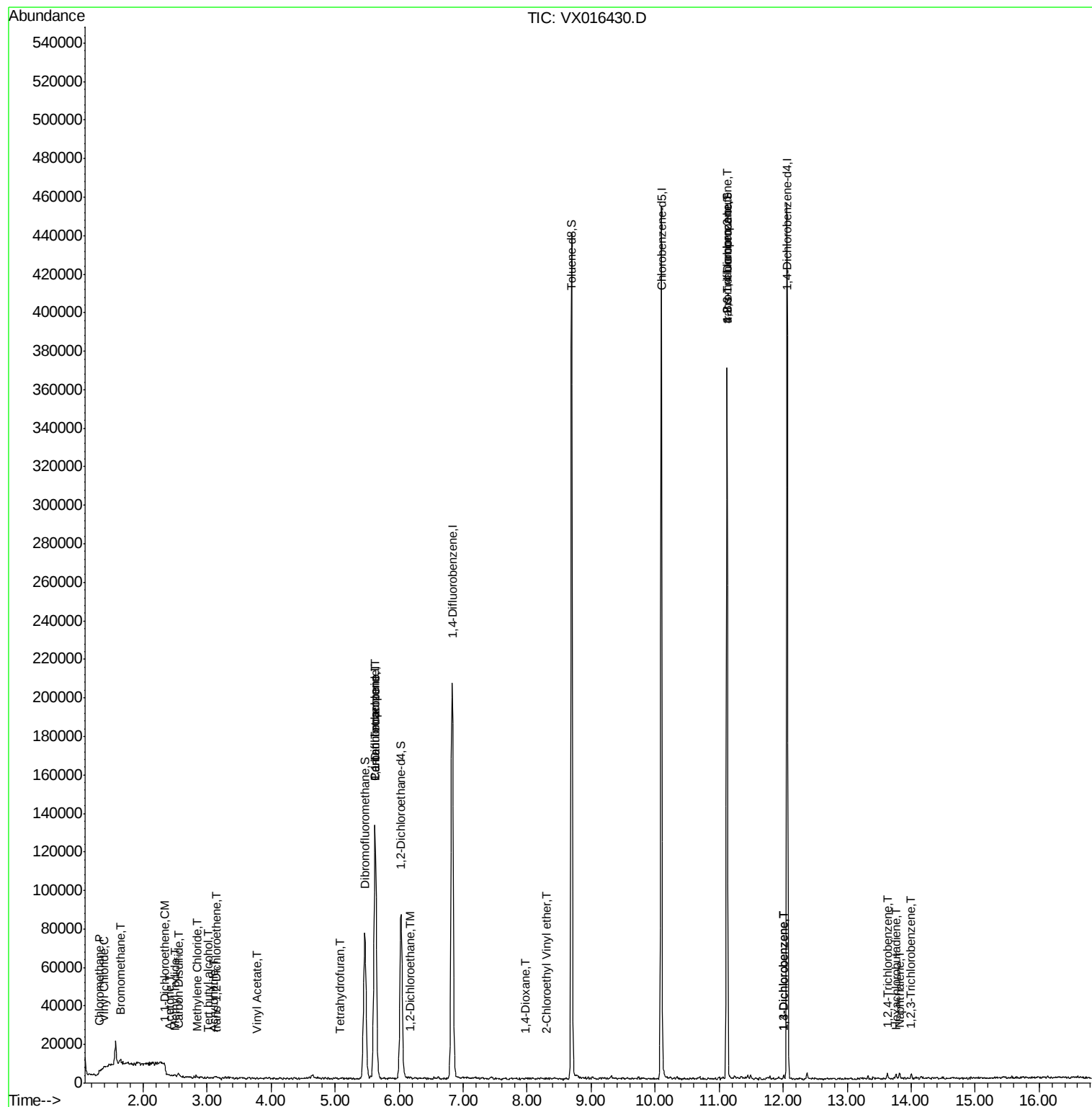
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 3) Chloromethane               | 1.31  | 50   | 478      | 0.398     | ug/l   | 90     |
| 4) Vinyl Chloride              | 1.39  | 62   | 358      | 0.226     | ug/l # | 8      |
| 5) Bromomethane                | 1.64  | 94   | 1333     | 3.545     | ug/l # | 61     |
| 10) Methyl Iodide              | 2.50  | 142  | 794      | 6.230     | ug/l # | 83     |
| 11) Tert butyl alcohol         | 3.02  | 59   | 97       | 0.268     | ug/l # | 1      |
| 12) 1,1-Dichloroethene         | 2.35  | 96   | 484      | 0.413     | ug/l # | 14     |
| 13) Acrolein                   | 2.27  | 56   | 548      | Below Cal |        | 85     |
| 15) Acrylonitrile              | 3.11  | 53   | 597      | 0.827     | ug/l # | 68     |
| 16) Acetone                    | 2.42  | 43   | 349      | 0.559     | ug/l # | 42     |
| 17) Carbon Disulfide           | 2.54  | 76   | 1847     | 0.532     | ug/l   | 95     |
| 20) Methylene Chloride         | 2.84  | 84   | 282      | 0.209     | ug/l # | 55     |
| 21) trans-1,2-Dichloroethene   | 3.15  | 96   | 430      | 0.323     | ug/l # | 61     |
| 23) Vinyl Acetate              | 3.79  | 43   | 710      | 0.206     | ug/l # | 69     |
| 29) Tetrahydrofuran            | 5.07  | 42   | 221      | 0.336     | ug/l # | 28     |
| 36) 1,1-Dichloropropene        | 5.62  | 75   | 10184    | 5.475     | ug/l # | 50     |
| 38) Carbon Tetrachloride       | 5.63  | 117  | 12918    | 6.407     | ug/l # | 12     |
| 42) 1,2-Dichloroethane         | 6.17  | 62   | 481      | 0.237     | ug/l   | 86     |
| 49) 1,4-Dioxane                | 7.97  | 88   | 20       | 0.517     | ug/l # | 35     |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 341      | 0.292     | ug/l # | 44     |
| 76) 1,2,3-Trichloropropane     | 11.12 | 75   | 49380    | 27.597    | ug/l # | 35     |
| 81) trans-1,4-Dichloro-2-buten | 11.12 | 75   | 49380    | 66.366    | ug/l # | 15     |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 610      | 0.228     | ug/l   | 92     |
| 88) 1,4-Dichlorobenzene        | 12.01 | 146  | 610      | 0.225     | ug/l   | 88     |
| 93) 1,2,4-Trichlorobenzene     | 13.63 | 180  | 641      | 0.391     | ug/l   | 94     |
| 94) Hexachlorobutadiene        | 13.77 | 225  | 371      | 0.627     | ug/l # | 66     |
| 95) Naphthalene                | 13.82 | 128  | 1623     | 0.276     | ug/l # | 94     |
| 96) 1,2,3-Trichlorobenzene     | 14.01 | 180  | 527      | 0.332     | ug/l # | 76     |

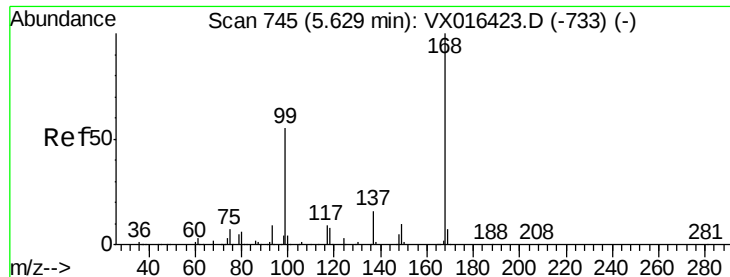
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052620\  
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Sample : VX0526WBL01  
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ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: May 27 05:22:22 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X052620W.M  
Quant Title : SW846 8260  
QLast Update : Tue May 26 16:32:50 2020  
Response via : Initial Calibration



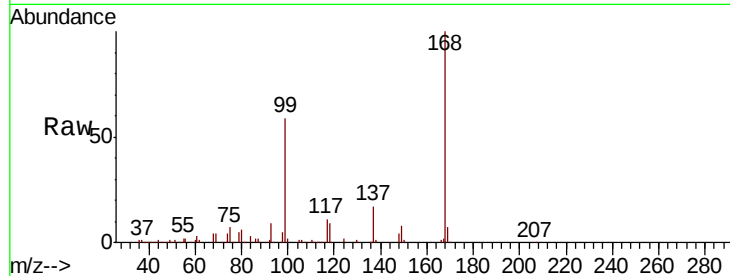


#1

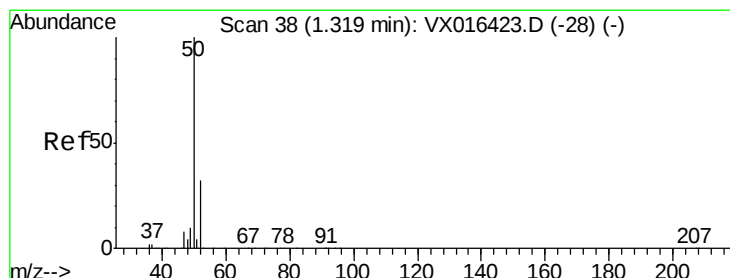
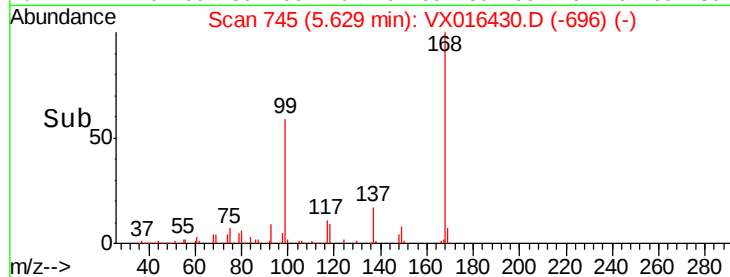
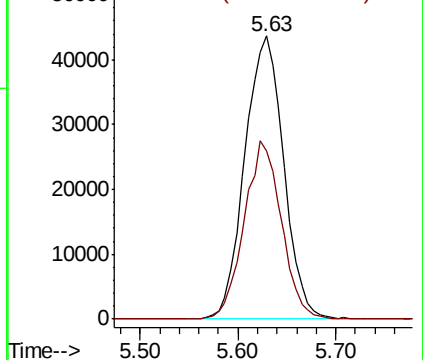
Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.63 min Scan# 745  
 Delta R.T. -0.00 min  
 Lab File: VX016430.D  
 Acq: 26 May 2020 17:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tot Ion:168 Resp: 121022  
 Ion Ratio Lower Upper  
 168 100  
 99 59.4 44.4 66.6



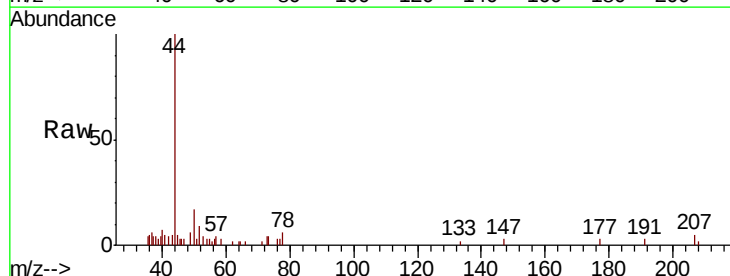
Abundance Ion 167.90 (167.60 to 168.60): V  
 Ion 98.90 (98.60 to 99.60): VX0



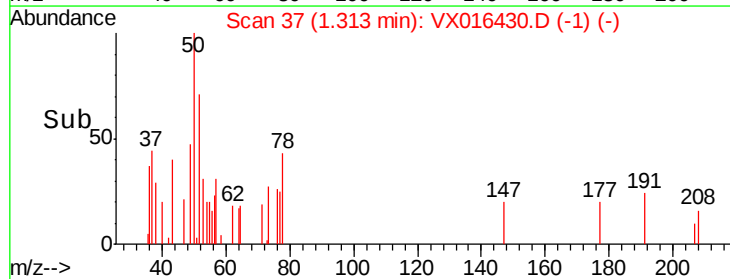
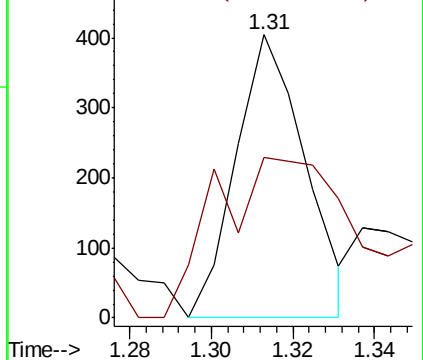
#3

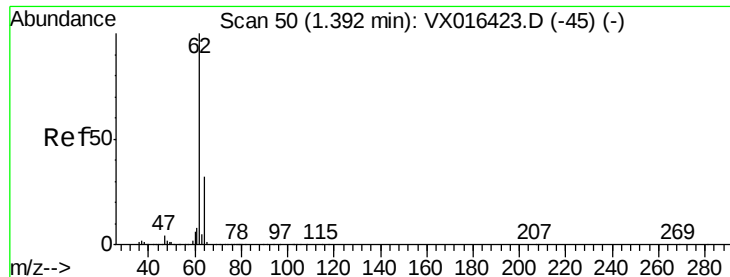
Chloromethane  
 Concen: 0.398 ug/l  
 RT: 1.31 min Scan# 37  
 Delta R.T. -0.01 min  
 Lab File: VX016430.D  
 Acq: 26 May 2020 17:13

Tgt Ion: 50 Resp: 478  
 Ion Ratio Lower Upper  
 50 100  
 52 38.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0  
 Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 0.226 ug/l

RT: 1.39 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX016430.D

Acq: 26 May 2020 17:13

Instrument :

MSVOA\_X

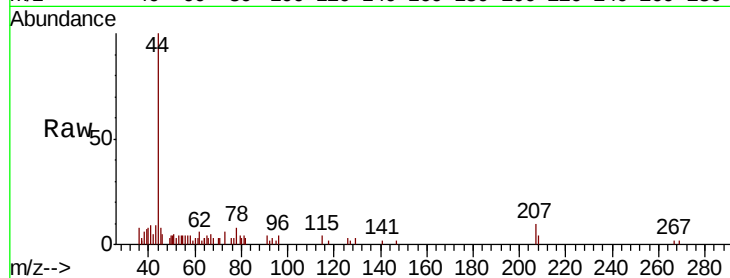
ClientSampled :

Tot Ion: 62 Resp: 358

Ion Ratio Lower Upper

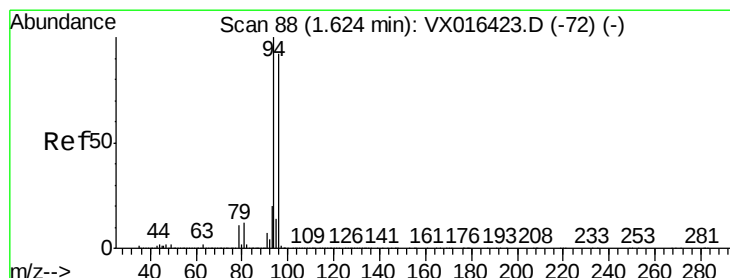
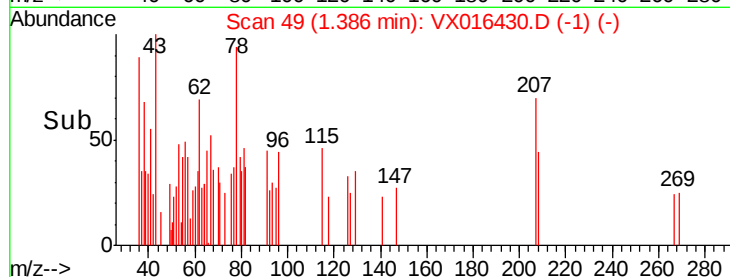
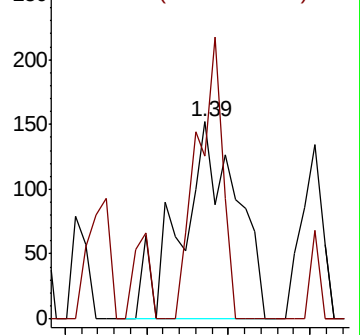
62 100

64 82.9 25.4 38.0#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: 3.545 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX016430.D

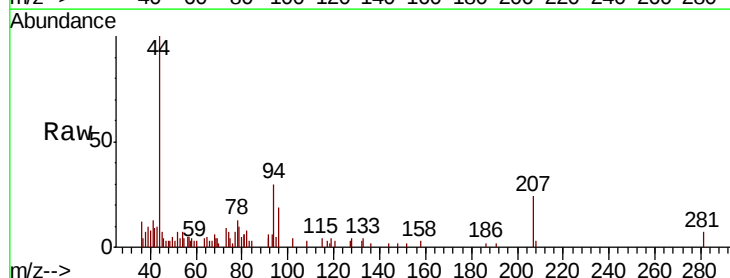
Acq: 26 May 2020 17:13

Tgt Ion: 94 Resp: 1333

Ion Ratio Lower Upper

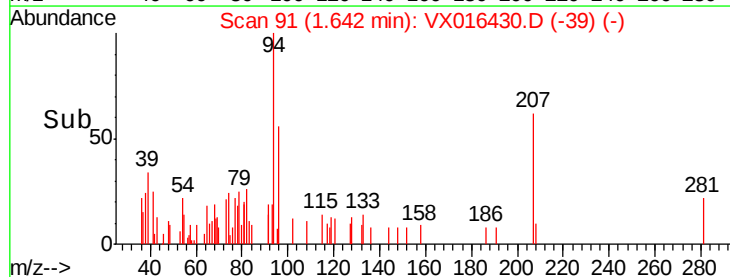
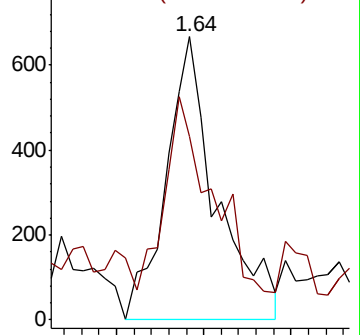
94 100

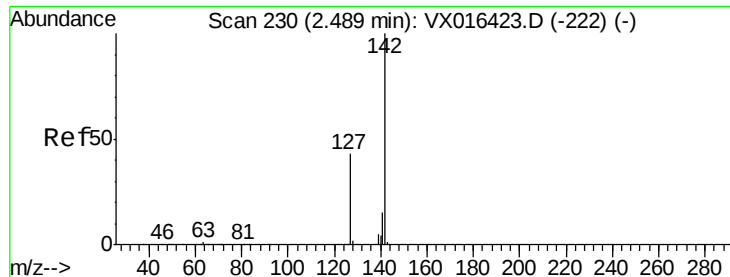
96 55.3 73.7 110.5#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

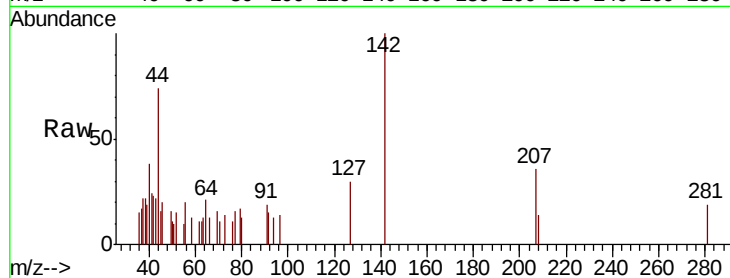




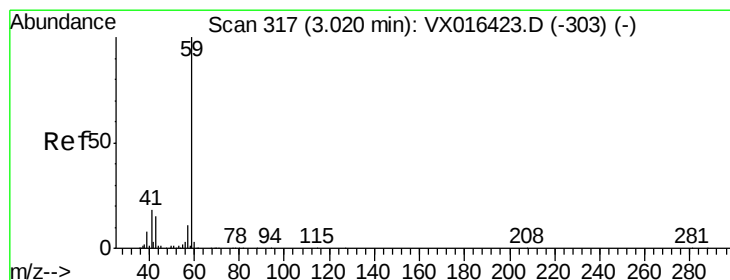
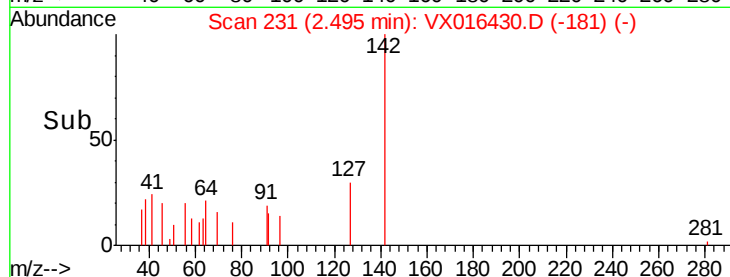
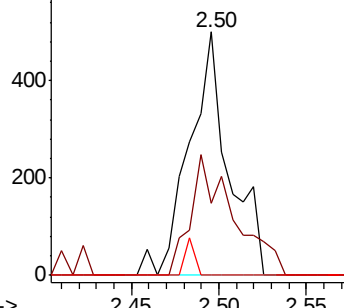
#10  
Methyl Iodide  
Concen: 6.230 ug/l  
RT: 2.50 min Scan# 231  
Delta R.T. 0.01 min  
Lab File: VX016430.D  
Acq: 26 May 2020 17:13

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:142 Resp: 794  
Ion Ratio Lower Upper  
142 100  
127 53.8 36.2 54.4  
141 3.5 12.2 18.2#

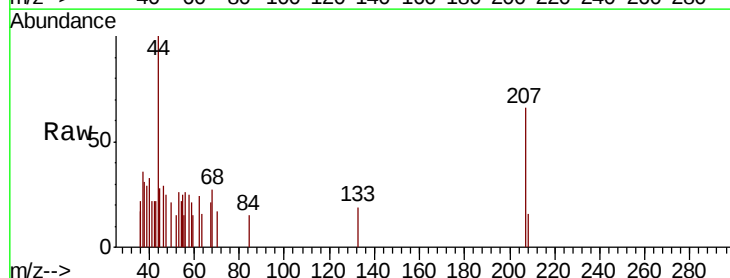


Abundance Ion 141.80 (141.50 to 142.50): V  
Ion 126.80 (126.50 to 127.50): V  
Ion 140.80 (140.50 to 141.50): V

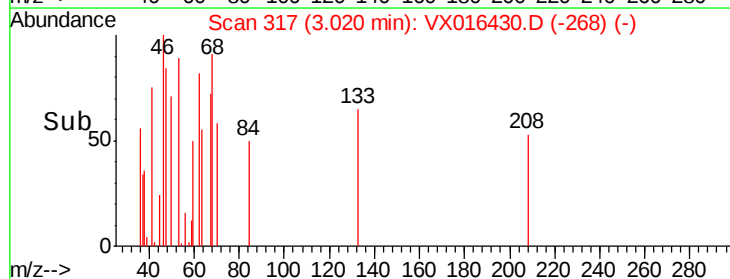
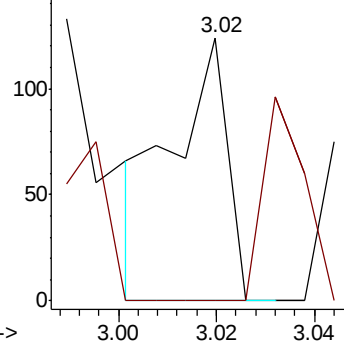


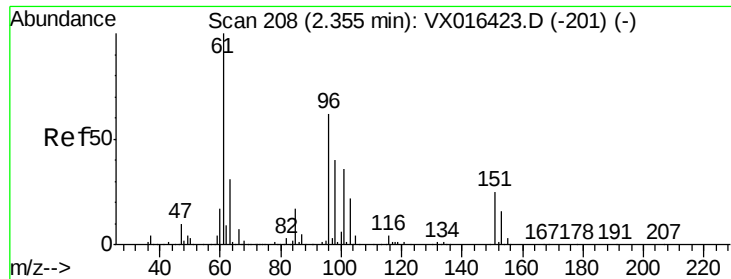
#11  
Tert butyl alcohol  
Concen: 0.268 ug/l  
RT: 3.02 min Scan# 317  
Delta R.T. -0.00 min  
Lab File: VX016430.D  
Acq: 26 May 2020 17:13

Tgt Ion: 59 Resp: 97  
Ion Ratio Lower Upper  
59 100  
57 58.8 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VX0  
Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 0.413 ug/l

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX016430.D

Acq: 26 May 2020 17:13

Instrument :

MSVOA\_X

ClientSampleId :

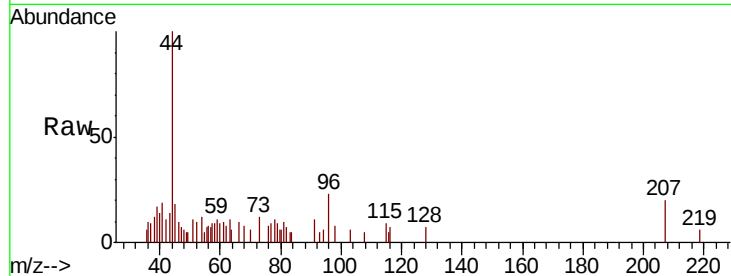
Tot Ion: 96 Resp: 484

Ion Ratio Lower Upper

96 100

61 22.7 128.2 192.4#

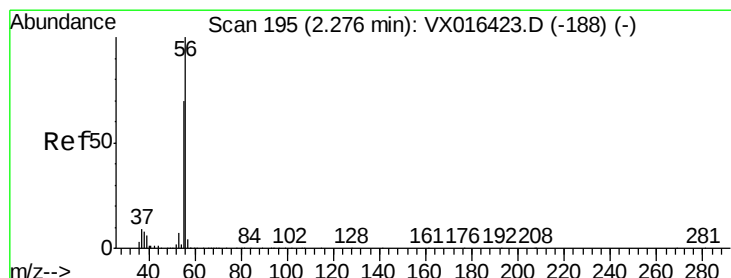
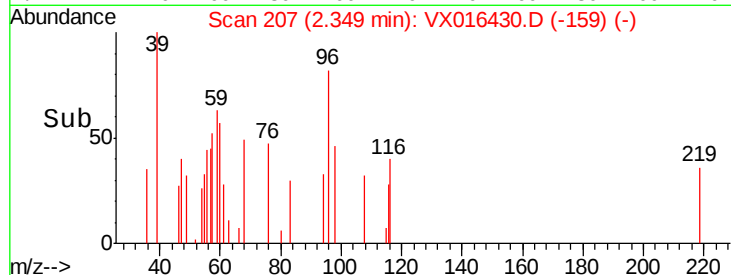
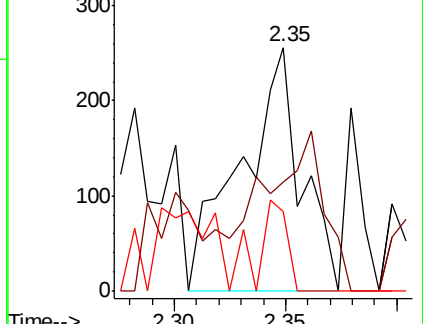
98 32.8 50.8 76.2#



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



#13

Acrolein

Concen: Below Cal

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX016430.D

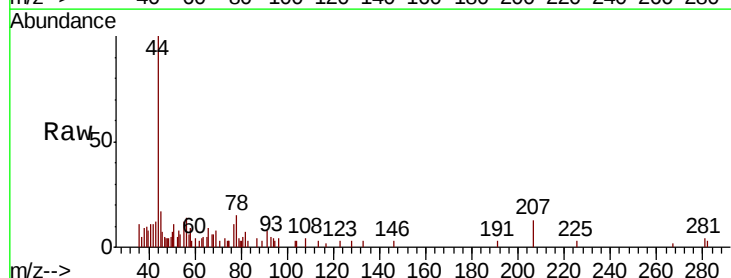
Acq: 26 May 2020 17:13

Tgt Ion: 56 Resp: 548

Ion Ratio Lower Upper

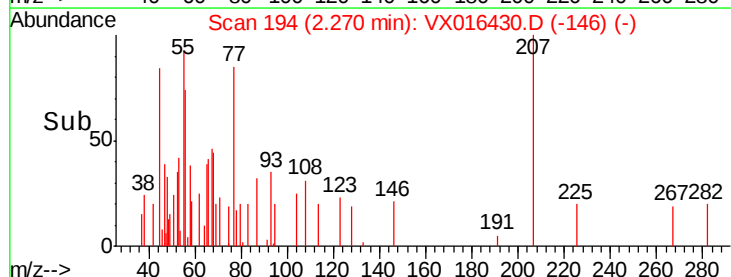
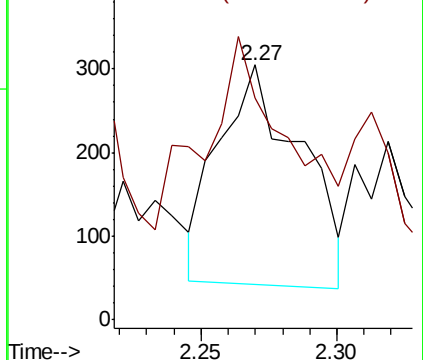
56 100

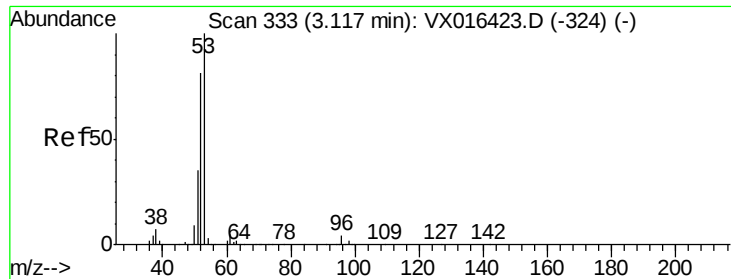
55 83.0 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: 0.827 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016430.D

Acq: 26 May 2020 17:13

Instrument :

MSVOA\_X

ClientSampled :

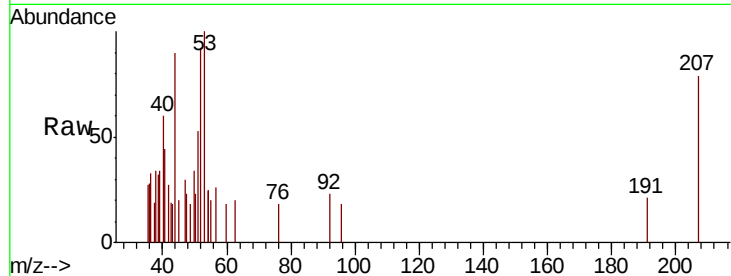
Tot Ion: 53 Resp: 597

Ion Ratio Lower Upper

53 100

52 92.5 65.4 98.2

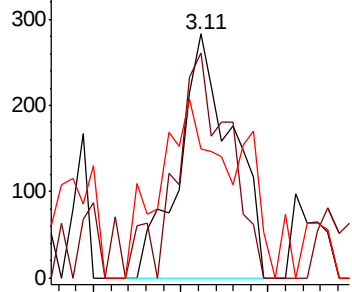
51 81.7 28.4 42.6#



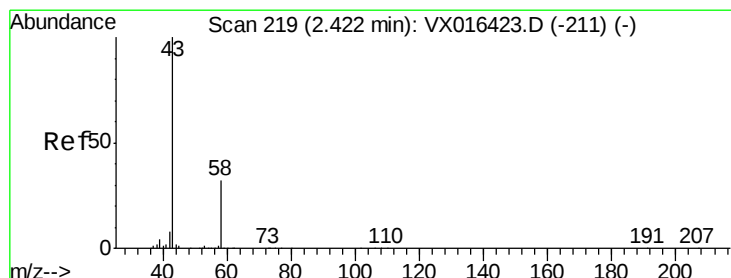
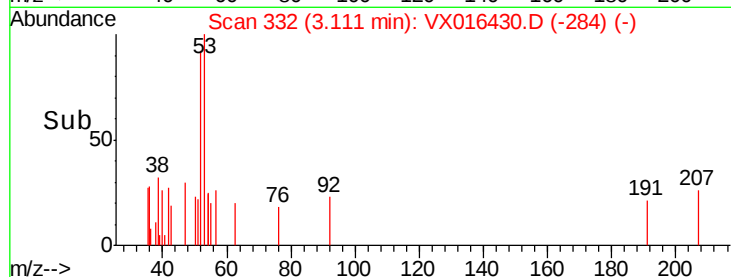
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 0.559 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016430.D

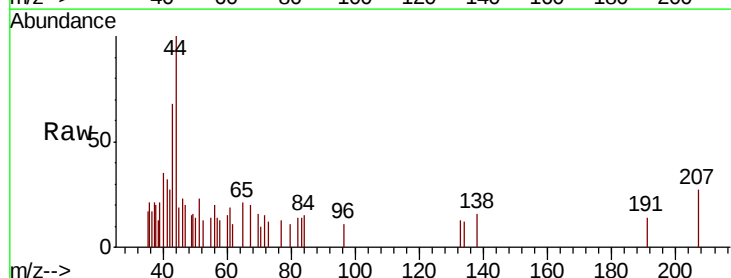
Acq: 26 May 2020 17:13

Tgt Ion: 43 Resp: 349

Ion Ratio Lower Upper

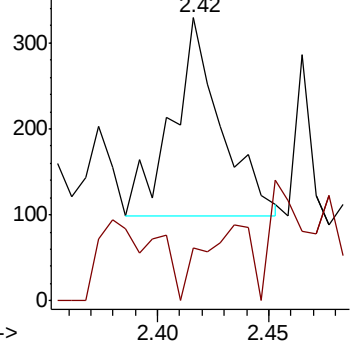
43 100

58 0.0 26.0 39.0#

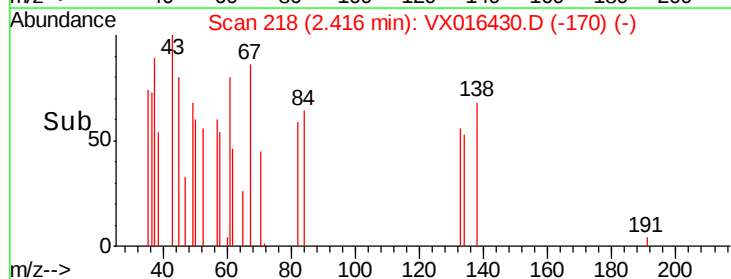


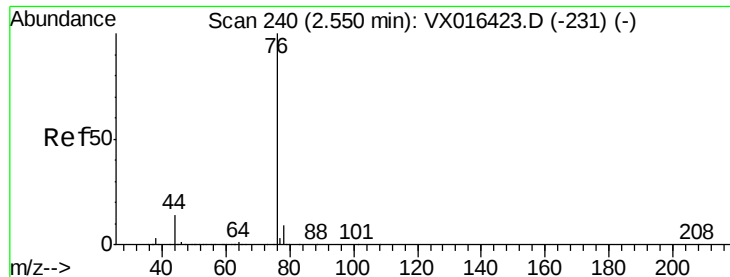
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->





#17

Carbon Disulfide

Concen: 0.532 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX016430.D

Acq: 26 May 2020 17:13

Instrument :

MSVOA\_X

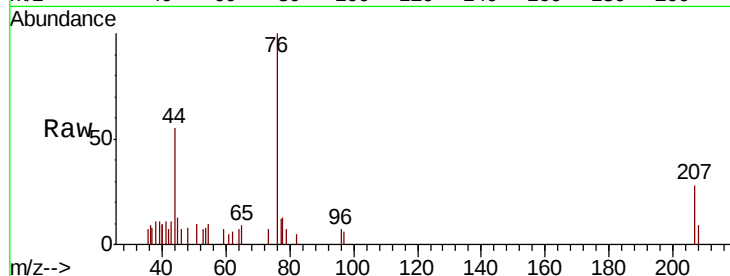
ClientSampleId :

Tot Ion: 76 Resp: 1847

Ion Ratio Lower Upper

76 100

78 7.5 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.54

1200

1000

800

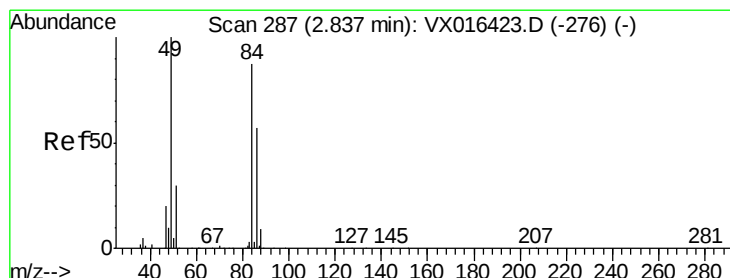
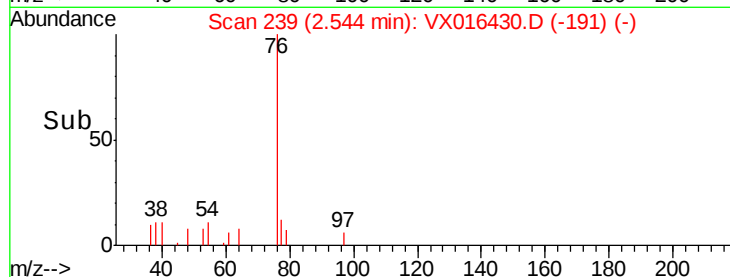
600

400

200

0

Time-->



#20

Methylene Chloride

Concen: 0.209 ug/l

RT: 2.84 min Scan# 288

Delta R.T. 0.01 min

Lab File: VX016430.D

Acq: 26 May 2020 17:13

Tgt Ion: 84 Resp: 282

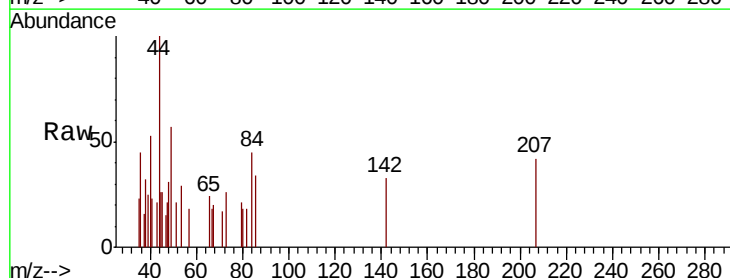
Ion Ratio Lower Upper

84 100

49 51.3 92.2 138.4#

51 0.0 27.8 41.8#

86 75.3 52.5 78.7



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

400

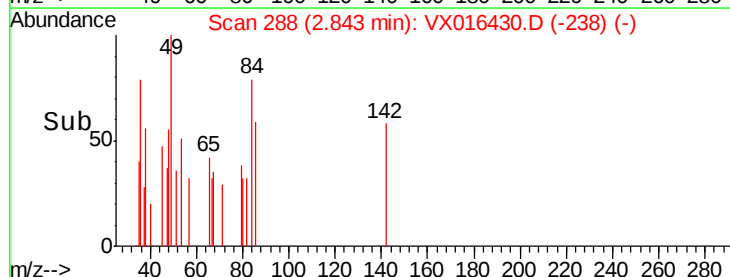
300

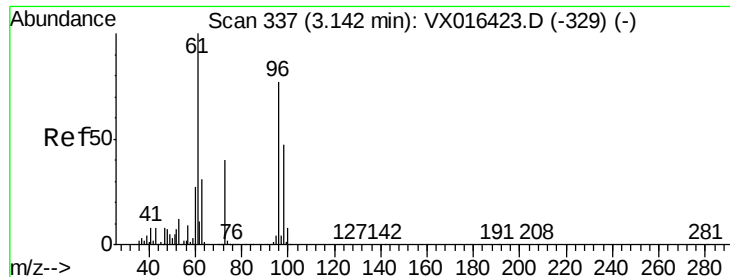
200

100

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 0.323 ug/l

RT: 3.15 min Scan# 339

Delta R.T. 0.01 min

Lab File: VX016430.D

Acq: 26 May 2020 17:13

Instrument :

MSVOA\_X

ClientSampleId :

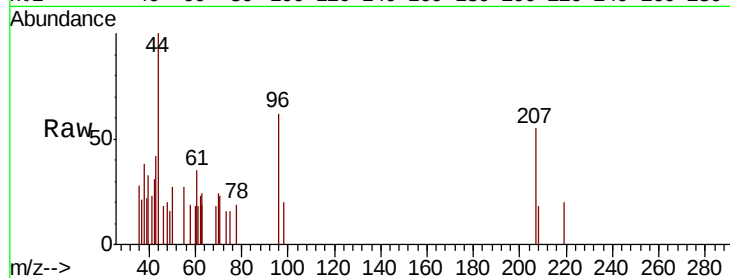
Tot Ion: 96 Resp: 430

Ion Ratio Lower Upper

96 100

61 85.3 104.3 156.5#

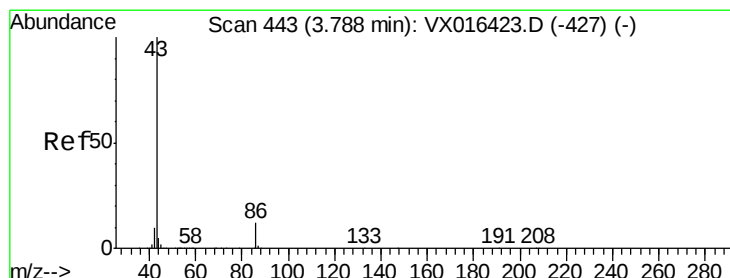
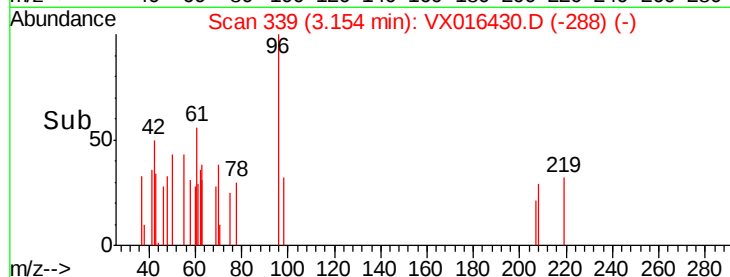
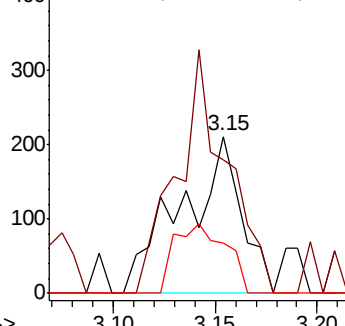
98 32.2 49.4 74.0#



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



#23

Vinyl Acetate

Concen: 0.206 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016430.D

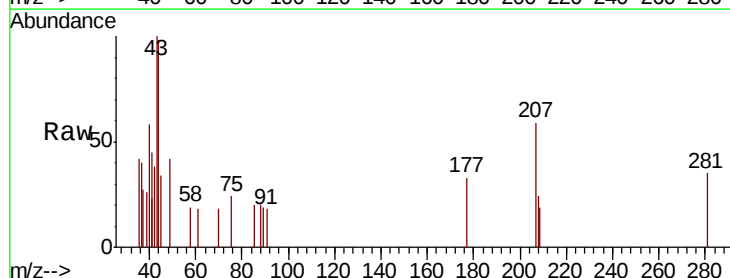
Acq: 26 May 2020 17:13

Tgt Ion: 43 Resp: 710

Ion Ratio Lower Upper

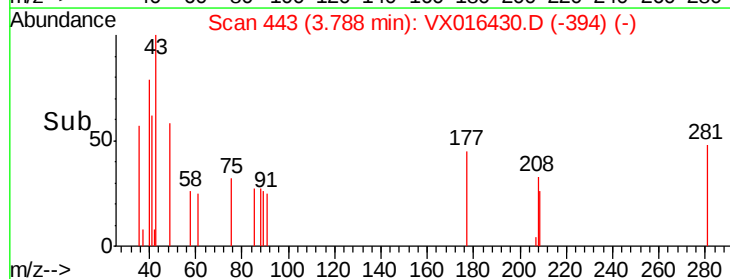
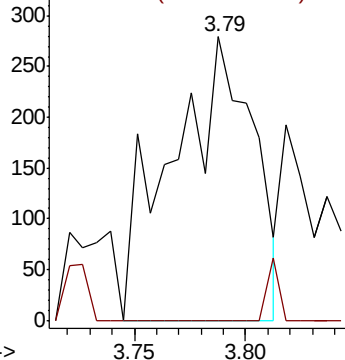
43 100

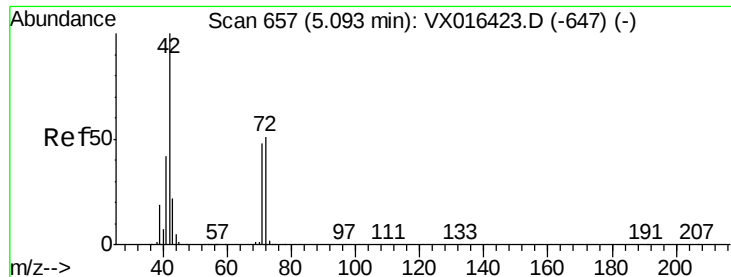
86 0.0 9.8 14.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#29

Tetrahydrofuran

Concen: 0.336 ug/l

RT: 5.07 min Scan# 654

Delta R.T. -0.02 min

Lab File: VX016430.D

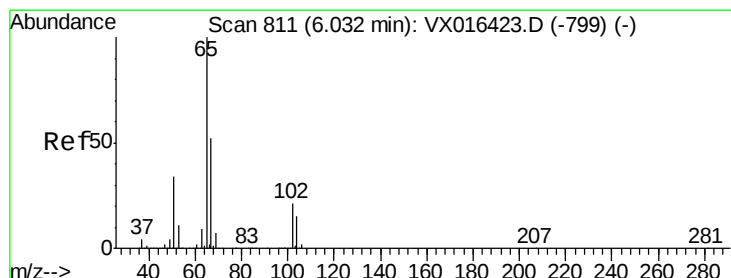
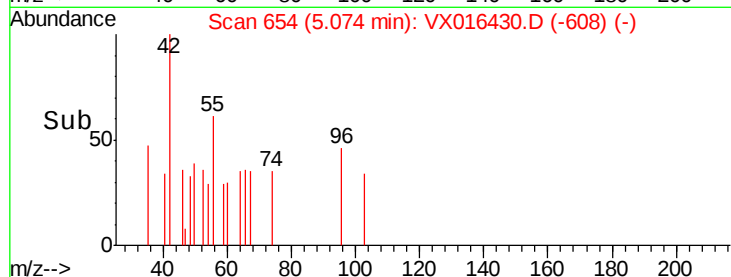
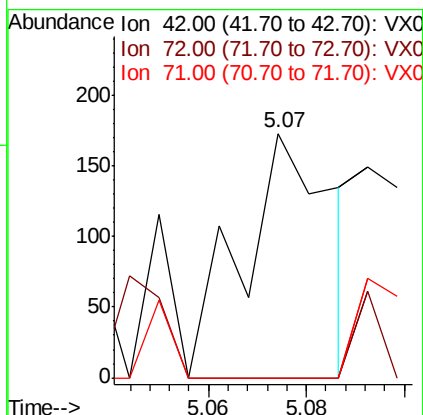
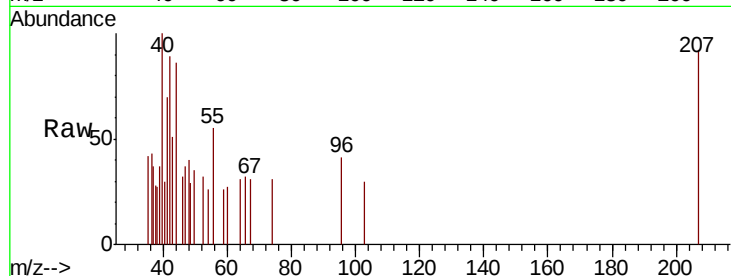
Acq: 26 May 2020 17:13

Instrument :

MSVOA\_X

ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 42    | Resp: | 221   |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 0.0   | 40.2  | 60.4# |
| 71       | 0.0   | 37.7  | 56.5# |



#33

1,2-Dichloroethane-d4

Concen: 51.937 ug/l

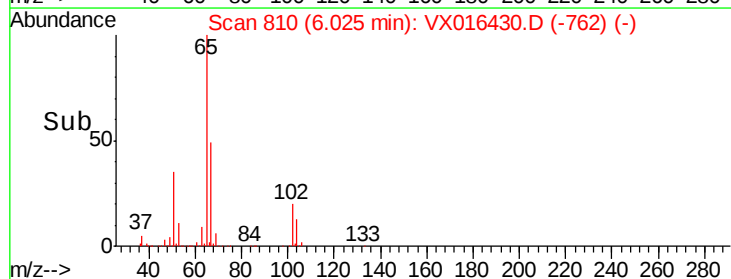
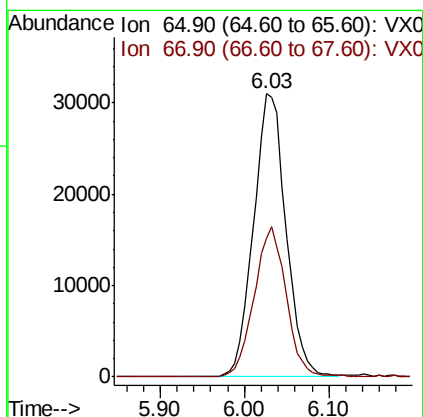
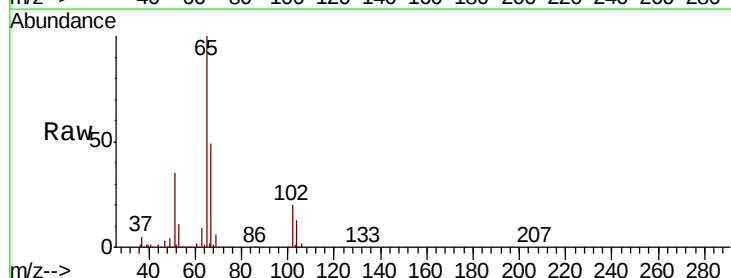
RT: 6.03 min Scan# 810

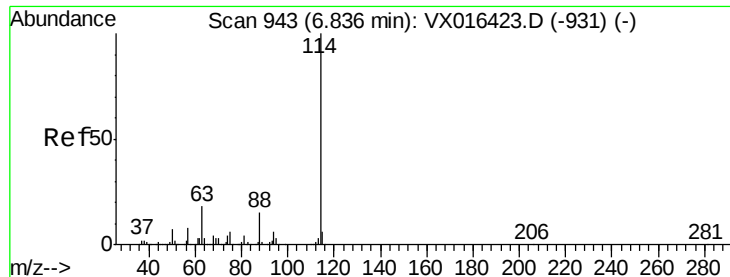
Delta R.T. -0.01 min

Lab File: VX016430.D

Acq: 26 May 2020 17:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 65    | Resp: | 81416 |
| Ion      | Ratio | Lower | Upper |
| 65       | 100   |       |       |
| 67       | 52.5  | 0.0   | 104.2 |





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX016430.D

Acq: 26 May 2020 17:13

Instrument :

MSVOA\_X

ClientSampleId :

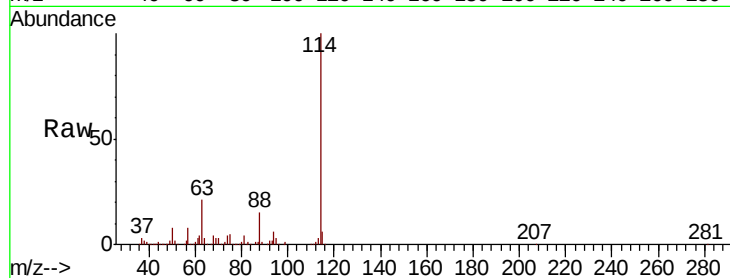
Tot Ion:114 Resp: 209830

Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

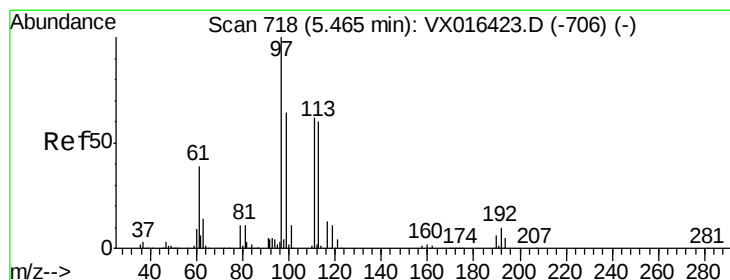
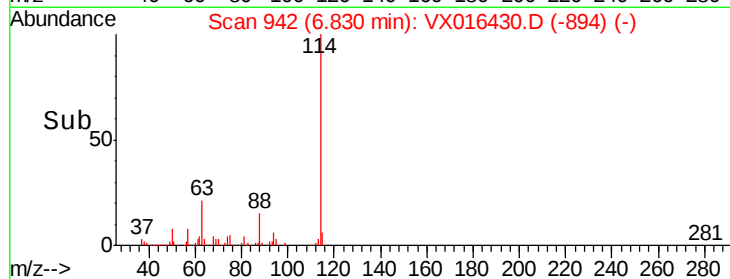
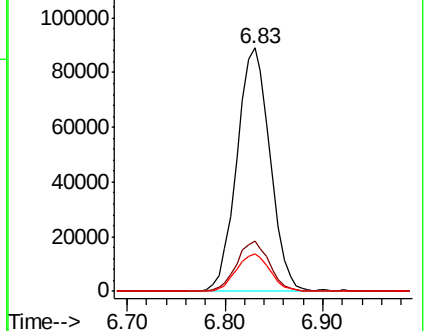
88 15.4 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.073 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016430.D

Acq: 26 May 2020 17:13

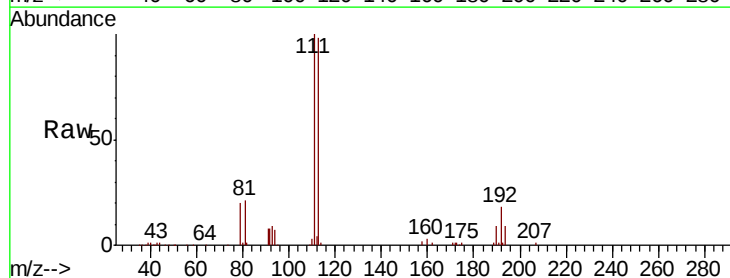
Tgt Ion:113 Resp: 64519

Ion Ratio Lower Upper

113 100

111 103.6 82.5 123.7

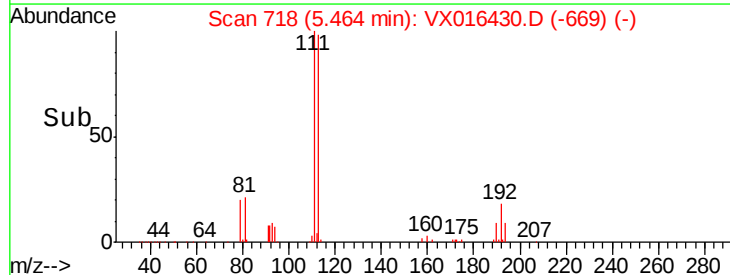
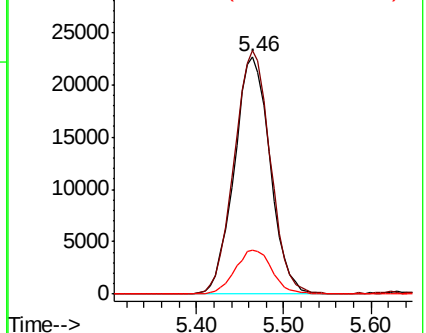
192 19.0 16.5 24.7

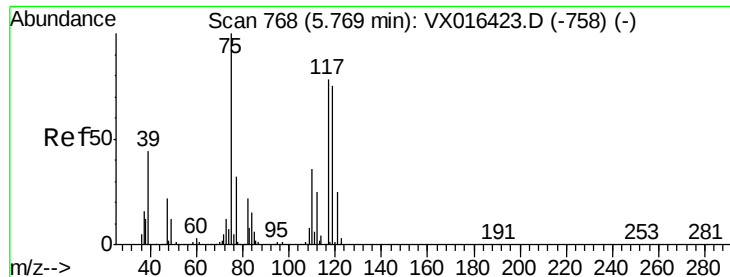


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.475 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.15 min

Lab File: VX016430.D

Acq: 26 May 2020 17:13

Instrument :

MSVOA\_X

ClientSampleId :

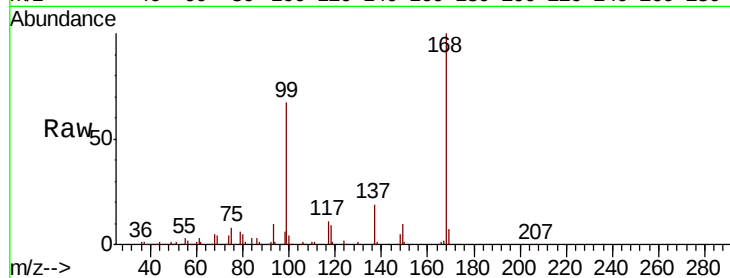
Tot Ion: 75 Resp: 10184

Ion Ratio Lower Upper

75 100

110 10.2 18.7 56.1#

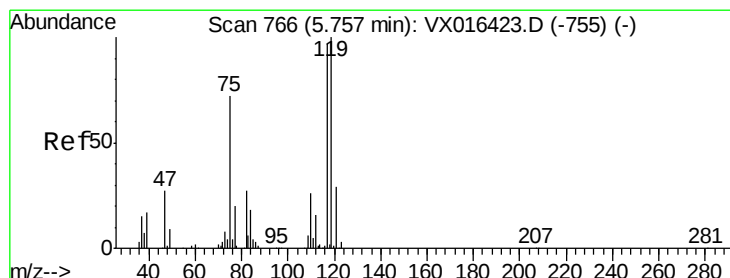
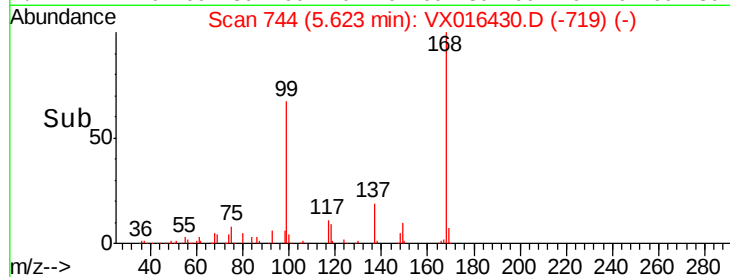
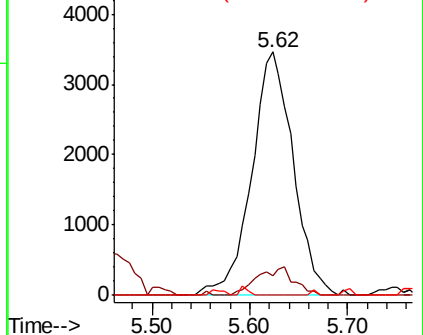
77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.407 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016430.D

Acq: 26 May 2020 17:13

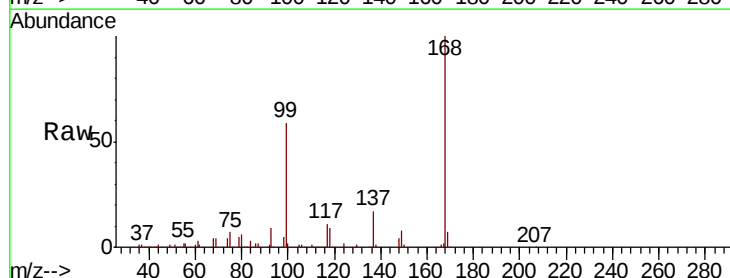
Tgt Ion:117 Resp: 12918

Ion Ratio Lower Upper

117 100

119 4.3 82.2 123.4#

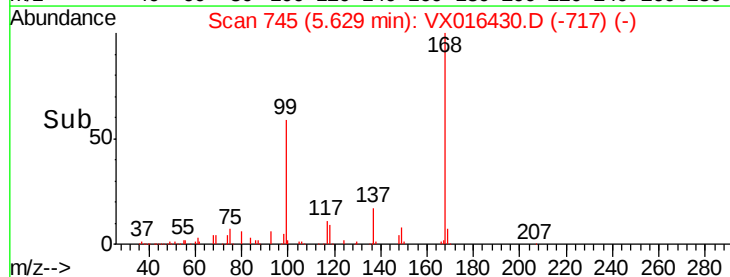
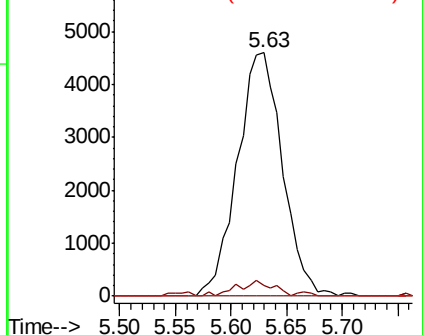
121 0.0 24.1 36.1#

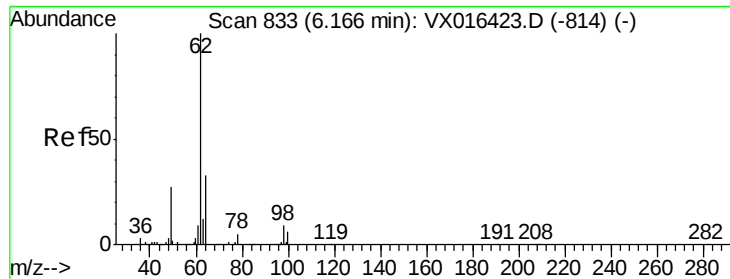


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#42

1,2-Dichloroethane

Concen: 0.237 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX016430.D

Acq: 26 May 2020 17:13

Instrument :

MSVOA\_X

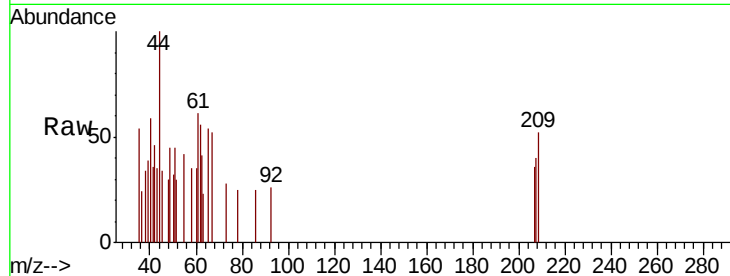
ClientSampled :

Tot Ion: 62 Resp: 481

Ion Ratio Lower Upper

62 100

98 14.8 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

250

200

150

100

50

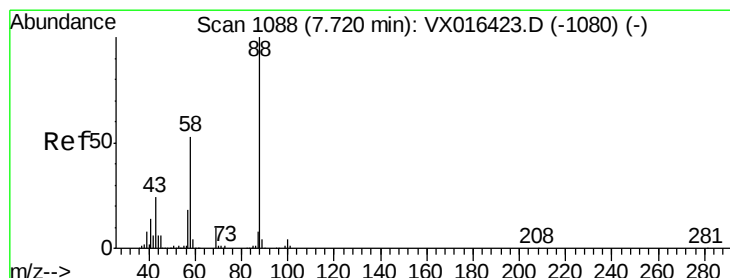
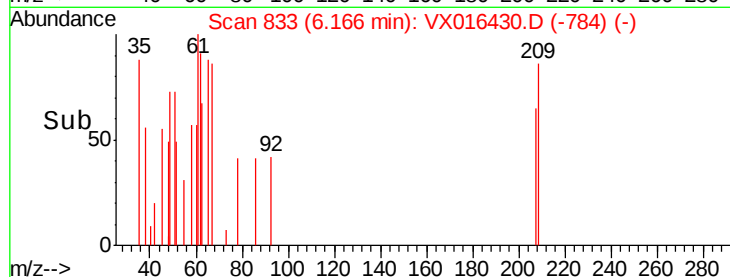
0

6.10

6.15

6.20

Time-->



#49

1,4-Dioxane

Concen: 0.517 ug/l

RT: 7.97 min Scan# 1129

Delta R.T. 0.25 min

Lab File: VX016430.D

Acq: 26 May 2020 17:13

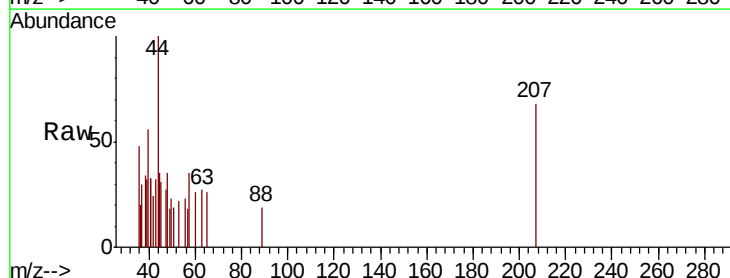
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 0.0 23.0 34.6#

58 120.0 51.7 77.5#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

200

150

100

50

0

7.95

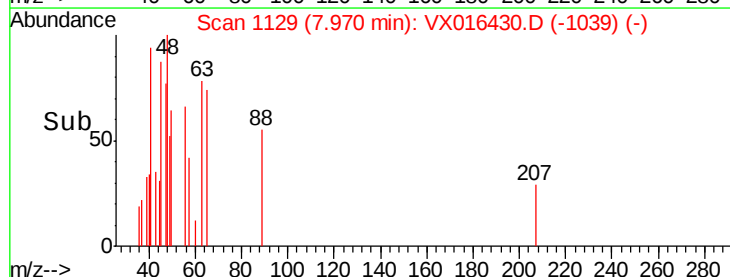
7.96

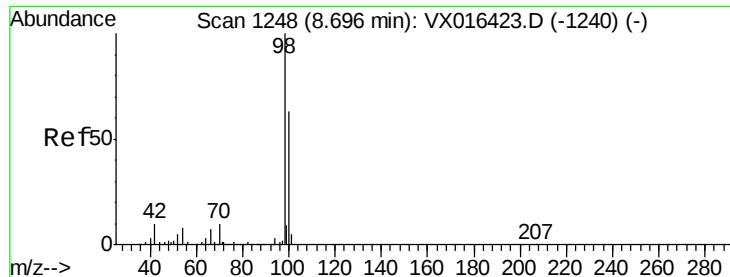
7.97

7.98

7.99

Time-->





#50

Toluene-d8

Concen: 52.030 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016430.D

Acq: 26 May 2020 17:13

Instrument :

MSVOA\_X

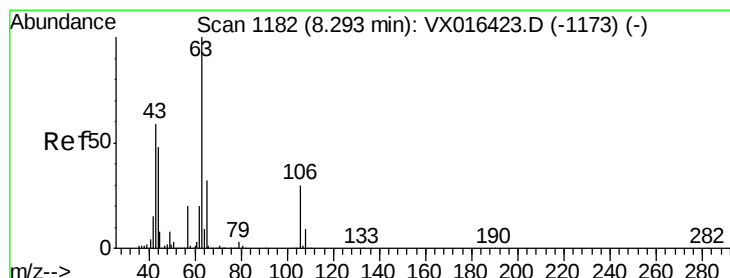
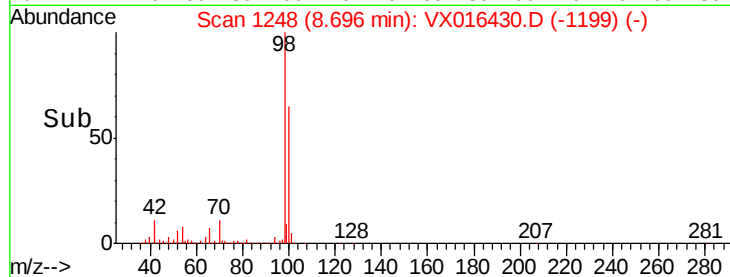
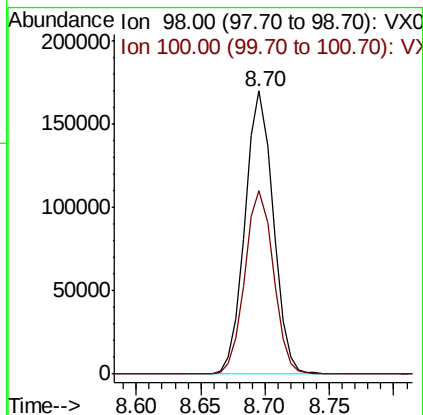
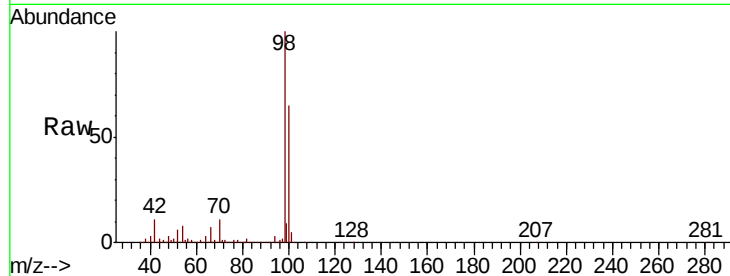
ClientSampleId :

Tot Ion: 98 Resp: 257216

Ion Ratio Lower Upper

98 100

100 65.5 52.6 78.8



#58

2-Chloroethyl Vinyl ether

Concen: 0.292 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016430.D

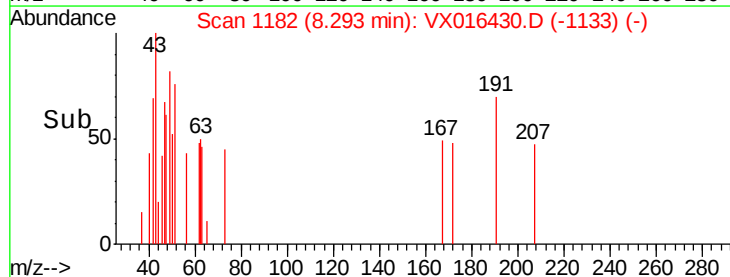
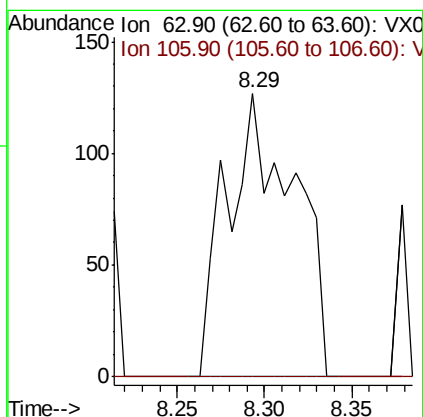
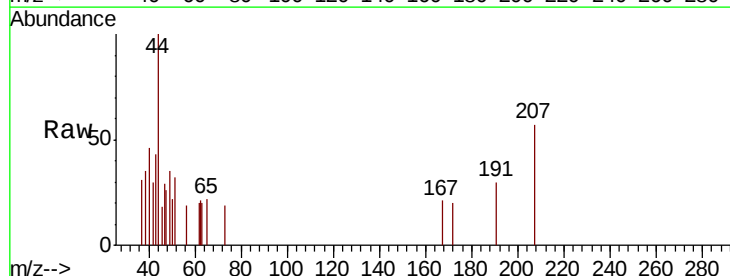
Acq: 26 May 2020 17:13

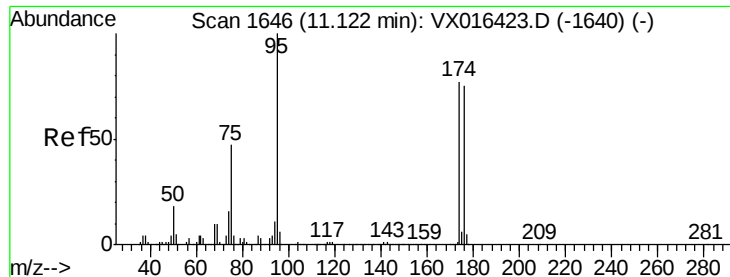
Tgt Ion: 63 Resp: 341

Ion Ratio Lower Upper

63 100

106 0.0 24.6 36.8#





#62

4-Bromofluorobenzene

Concen: 50.840 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016430.D

Acq: 26 May 2020 17:13

Instrument :

MSVOA\_X

ClientSampled :

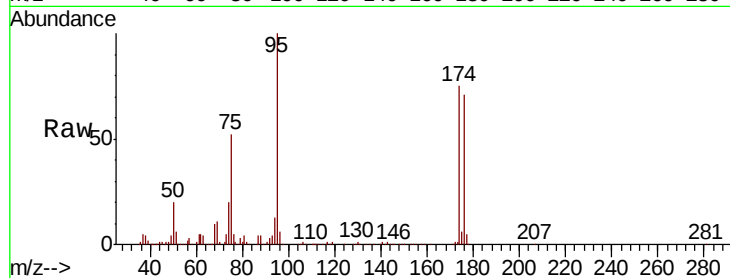
Tot Ion: 95 Resp: 93274

Ion Ratio Lower Upper

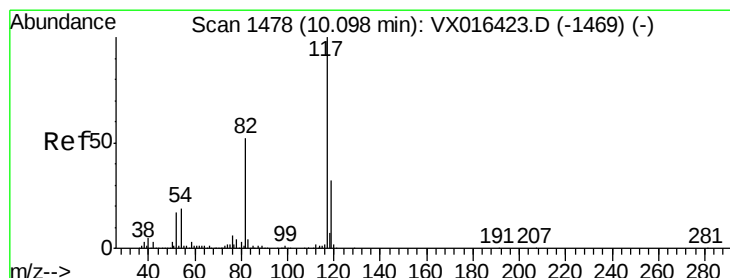
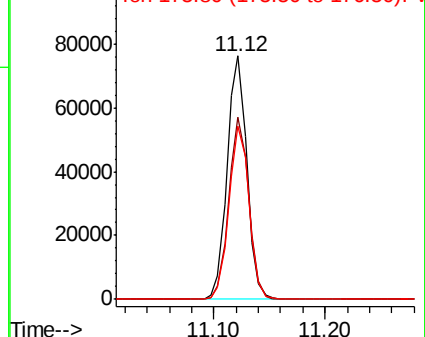
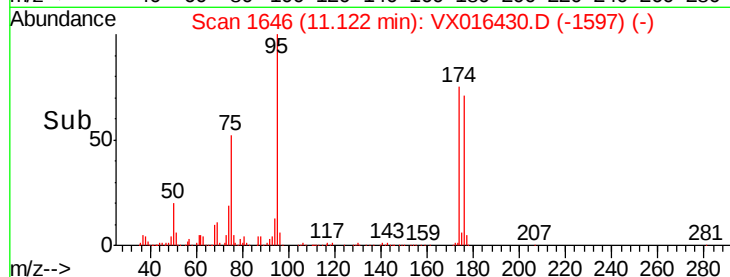
95 100

174 75.7 0.0 162.6

176 72.6 0.0 158.2



Abundance Ion 94.90 (94.60 to 95.60): VX016430.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016430.D

Acq: 26 May 2020 17:13

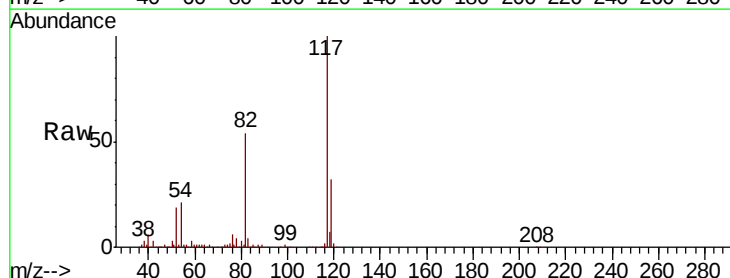
Tgt Ion: 117 Resp: 202305

Ion Ratio Lower Upper

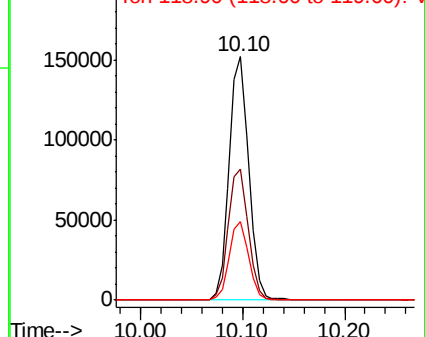
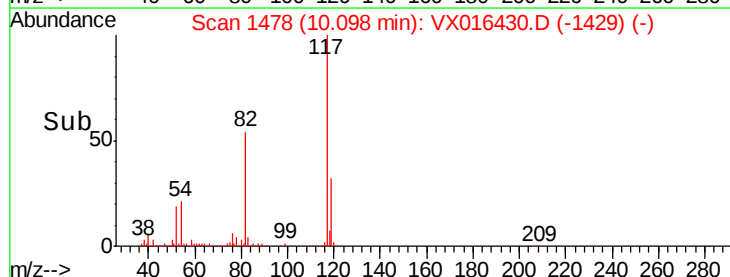
117 100

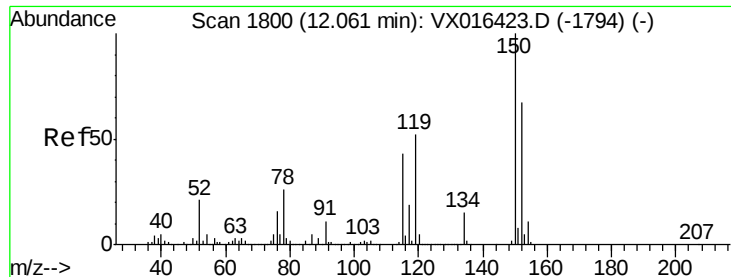
82 53.6 41.8 62.6

119 32.3 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): VX016430.D (-1429) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016430.D

Acq: 26 May 2020 17:13

Instrument :

MSVOA\_X

ClientSampleId :

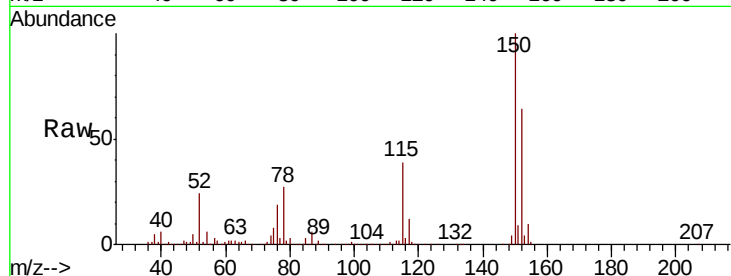
Tot Ion:152 Resp: 86210

Ion Ratio Lower Upper

152 100

115 61.1 40.4 121.2

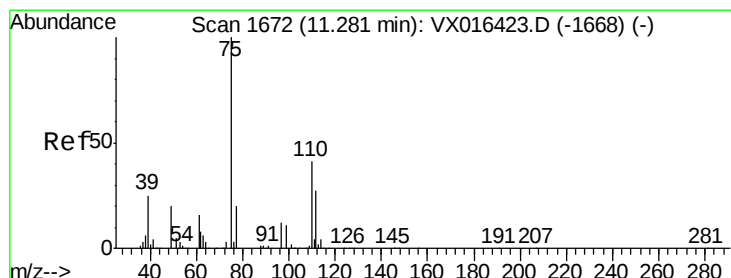
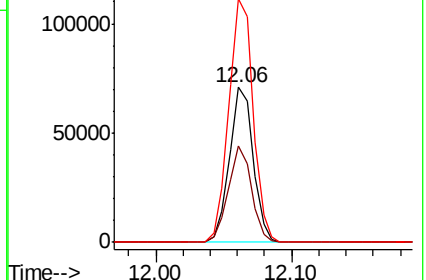
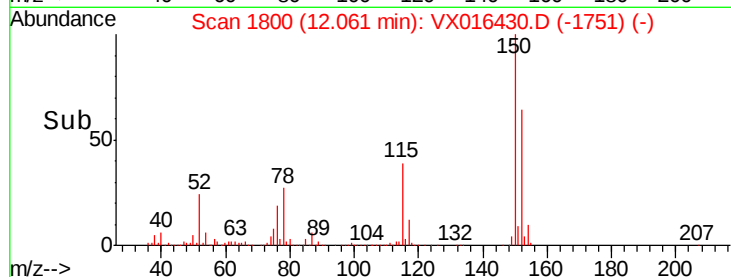
150 160.4 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 27.597 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016430.D

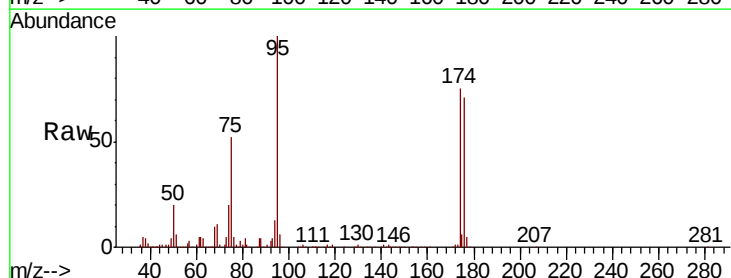
Acq: 26 May 2020 17:13

Tgt Ion: 75 Resp: 49380

Ion Ratio Lower Upper

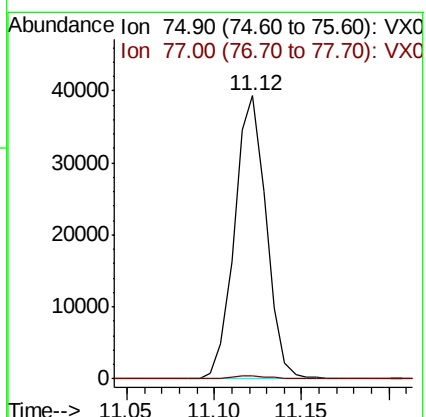
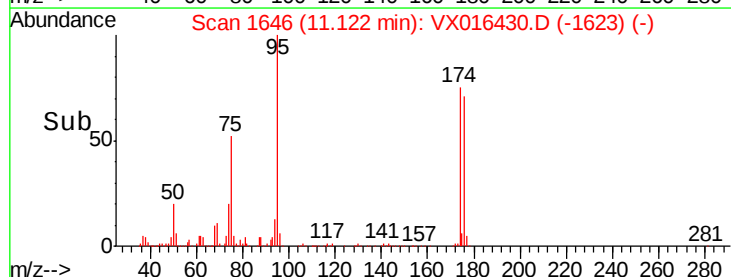
75 100

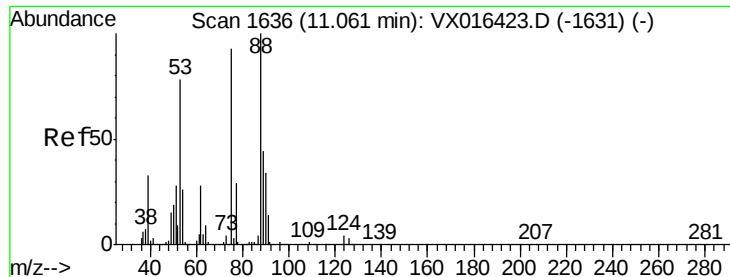
77 1.5 21.4 64.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 66.366 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016430.D

Acq: 26 May 2020 17:13

Instrument :

MSVOA\_X

ClientSampleId :

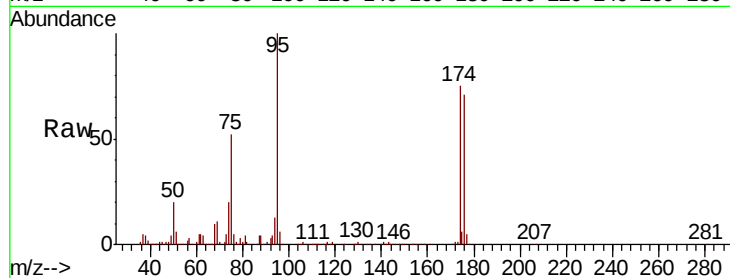
Tot Ion: 75 Resp: 49380

Ion Ratio Lower Upper

75 100

53 0.3 69.4 104.2#

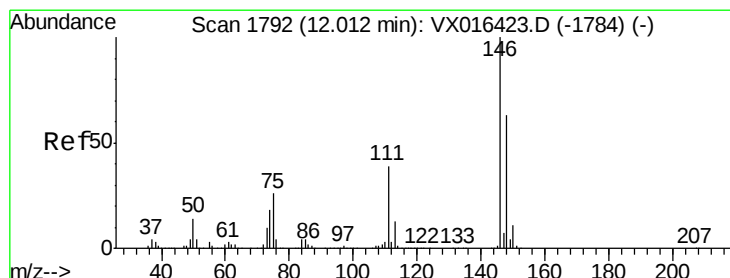
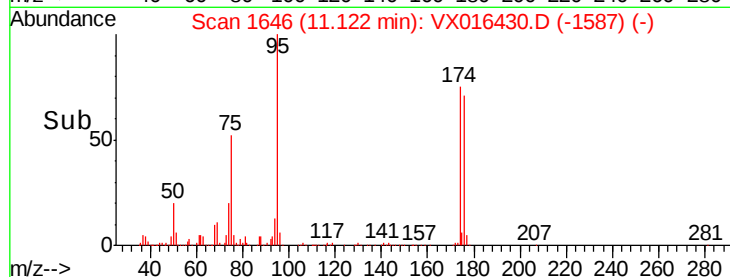
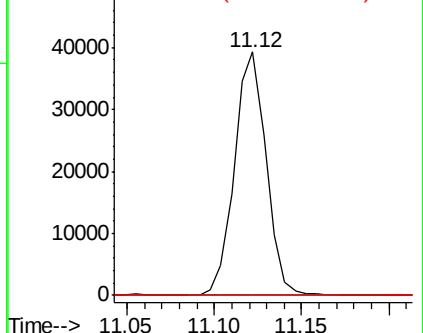
89 0.0 37.0 55.6#



Abundance Ion 74.90 (74.60 to 75.60): VX016430.D (-1587) (-)

Ion 53.00 (52.70 to 53.70): VX016430.D (-1587) (-)

Ion 88.90 (88.60 to 89.60): VX016430.D (-1587) (-)



#87

1,3-Dichlorobenzene

Concen: 0.228 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016430.D

Acq: 26 May 2020 17:13

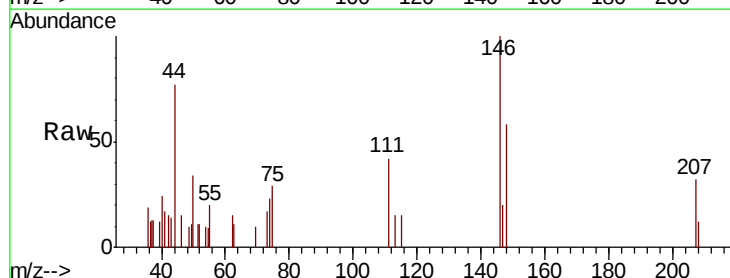
Tgt Ion: 146 Resp: 610

Ion Ratio Lower Upper

146 100

111 52.3 20.1 60.2

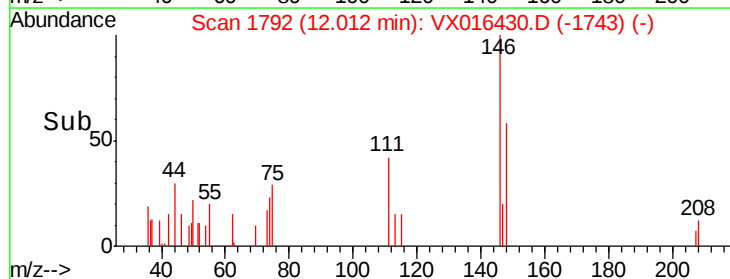
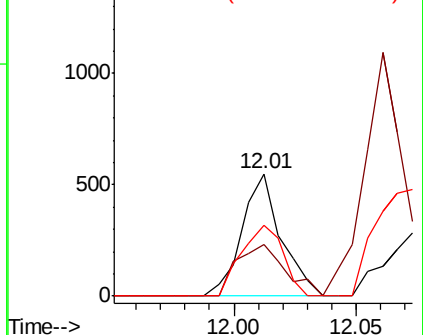
148 62.0 31.4 94.2

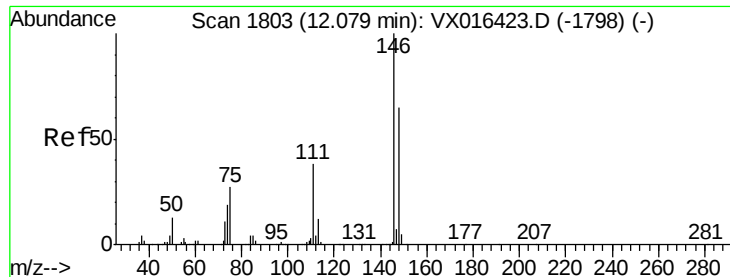


Abundance Ion 145.90 (145.60 to 146.60): VX016430.D (-1743) (-)

Ion 110.90 (110.60 to 111.60): VX016430.D (-1743) (-)

Ion 147.90 (147.60 to 148.60): VX016430.D (-1743) (-)

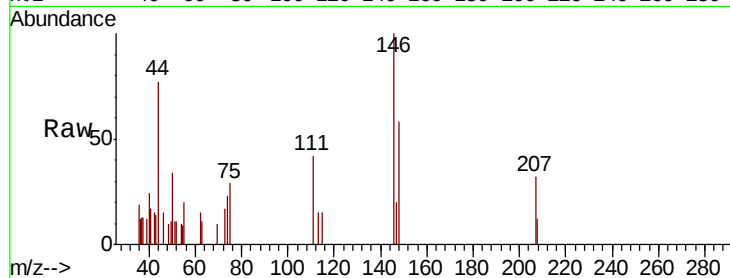




#88  
 1,4-Dichlorobenzene  
 Concen: 0.225 ug/l  
 RT: 12.01 min Scan# 1792  
 Delta R.T. -0.07 min  
 Lab File: VX016430.D  
 Acq: 26 May 2020 17:13

Instrument :  
 MSVOA\_X  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 52.3  | 19.2  | 57.6  |
| 148     | 62.0  | 33.1  | 99.2  |

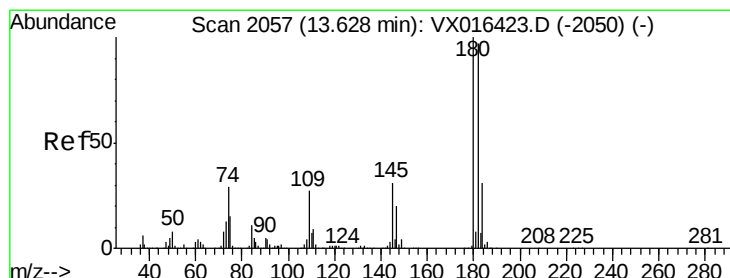
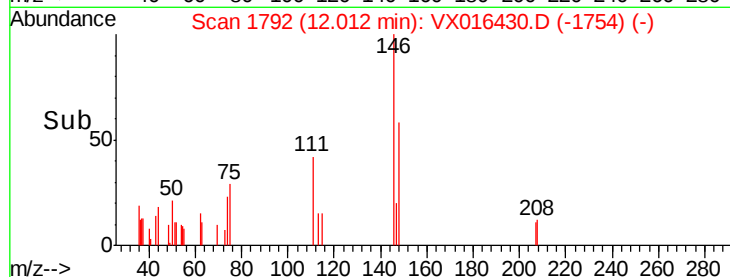
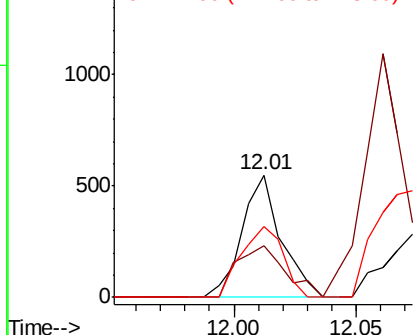


Abundance

Ion 145.90 (145.60 to 146.60): V

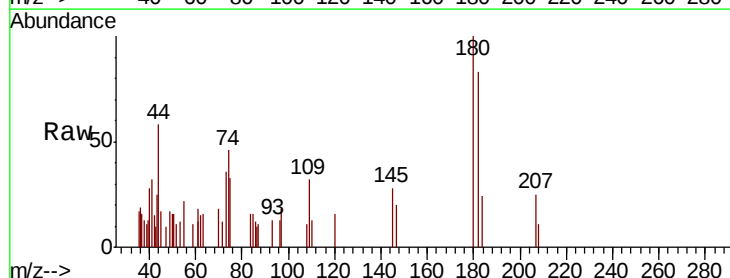
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#93  
 1,2,4-Trichlorobenzene  
 Concen: 0.391 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. 0.00 min  
 Lab File: VX016430.D  
 Acq: 26 May 2020 17:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.1  | 48.6  | 145.8 |
| 145     | 38.5  | 15.5  | 46.5  |

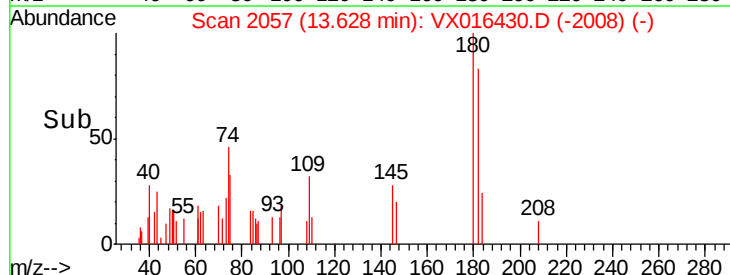
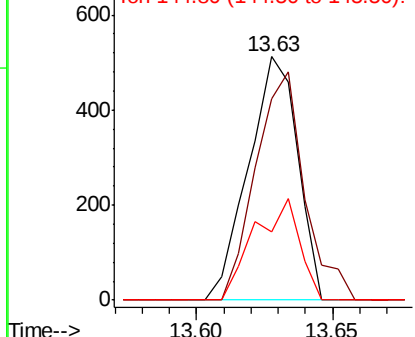


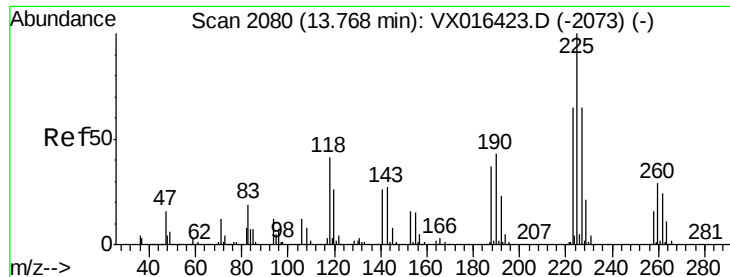
Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 0.627 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016430.D

Acq: 26 May 2020 17:13

Instrument :

MSVOA\_X

ClientSampleId :

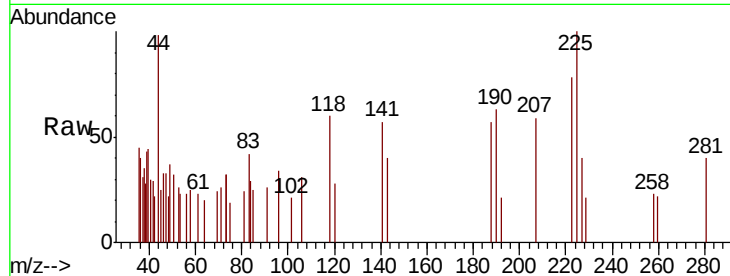
Tot Ion:225 Resp: 371

Ion Ratio Lower Upper

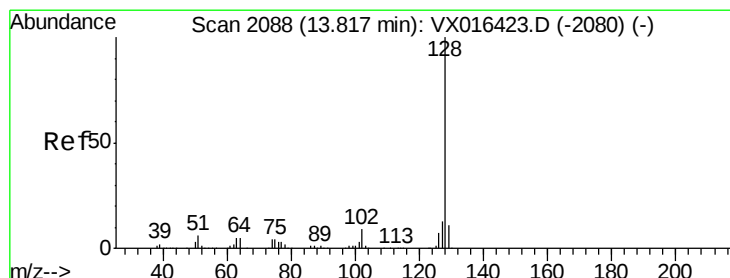
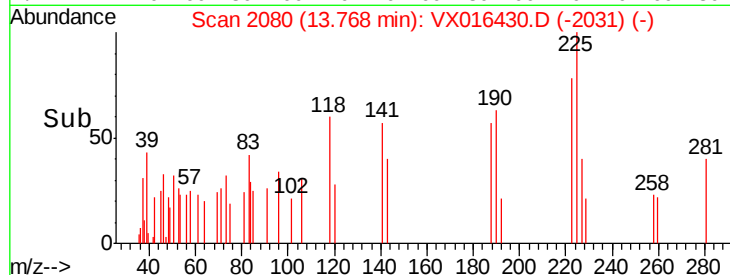
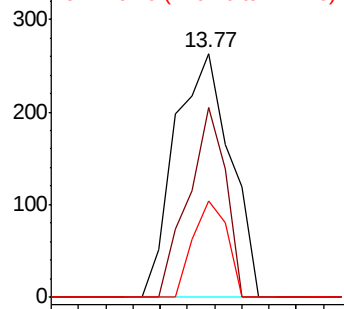
225 100

223 52.6 32.6 98.0

227 24.3 32.5 97.4#



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



#95

Naphthalene

Concen: 0.276 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016430.D

Acq: 26 May 2020 17:13

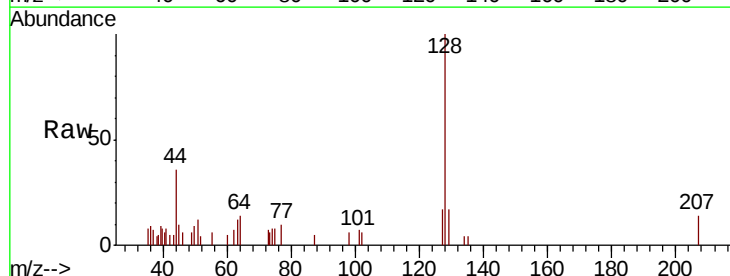
Tgt Ion:128 Resp: 1623

Ion Ratio Lower Upper

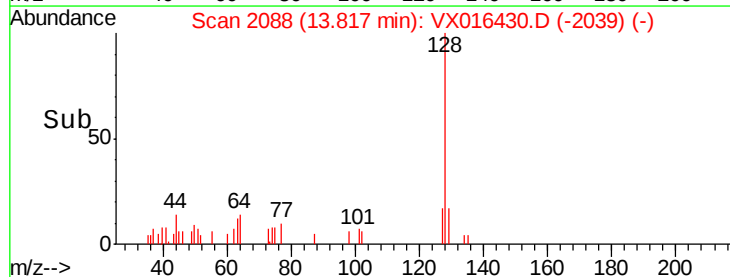
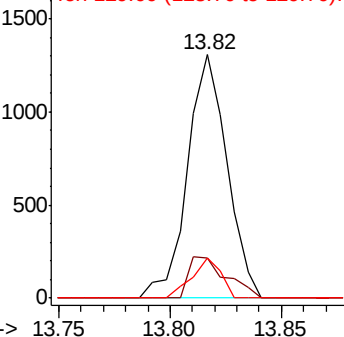
128 100

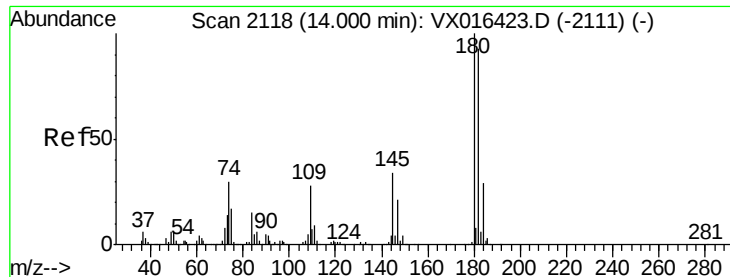
127 16.2 10.5 15.7#

129 12.3 8.9 13.3



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

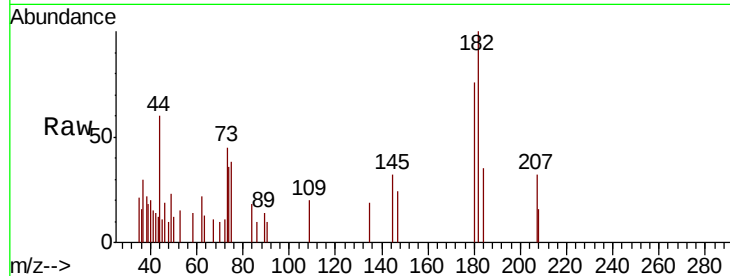




#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.332 ug/l  
 RT: 14.01 min Scan# 2119  
 Delta R.T. 0.01 min  
 Lab File: VX016430.D  
 Acq: 26 May 2020 17:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 116.5 | 48.2  | 144.6 |
| 145     | 51.8  | 16.3  | 48.9  |



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

