

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX052920\  
 Data File : VX016508.D  
 Acq On : 29 May 2020 14:09  
 Operator : JC/SP  
 Sample : L2778-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WP022RW349-200526

Quant Time: May 30 05:03:05 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X052720W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 27 16:31:05 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.64  | 168  | 284622   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.84  | 114  | 459861   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 448443   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 218033   | 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   | 169563   | 47.97 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.94%  |          |
| 35) Dibromofluoromethane    | 5.47  | 113  | 133505   | 47.15 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.30%  |          |
| 50) Toluene-d8              | 8.70  | 98   | 566424   | 51.39 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.78% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 225008   | 52.84 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 105.68% |          |

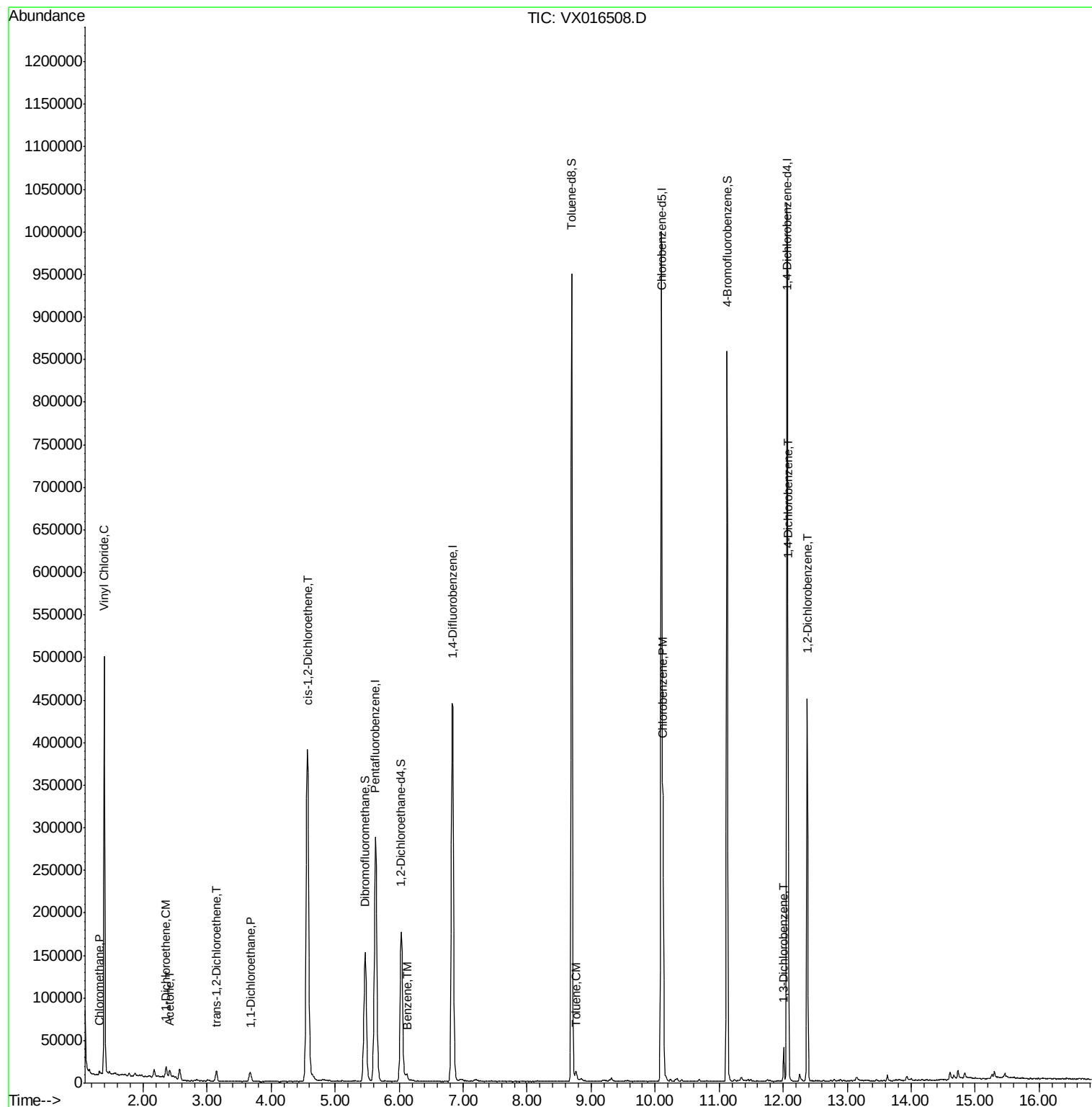
| Target Compounds             | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|------------------------------|-------|------|----------|-------|-------|--------|
| 3) Chloromethane             | 1.31  | 50   | 2336     | 0.69  | ug/l  | 99     |
| 4) Vinyl Chloride            | 1.39  | 62   | 288558   | 80.61 | ug/l  | 99     |
| 12) 1,1-Dichloroethene       | 2.36  | 96   | 4056     | 1.48  | ug/l  | 95     |
| 16) Acetone                  | 2.42  | 43   | 10070    | 6.50  | ug/l  | 97     |
| 21) trans-1,2-Dichloroethene | 3.15  | 96   | 4826     | 1.59  | ug/l  | 87     |
| 24) 1,1-Dichloroethane       | 3.68  | 63   | 12839    | 2.35  | ug/l  | 96     |
| 27) cis-1,2-Dichloroethene   | 4.57  | 96   | 258746   | 73.83 | ug/l  | 92     |
| 40) Benzene                  | 6.12  | 78   | 9887     | 0.76  | ug/l  | 96     |
| 52) Toluene                  | 8.77  | 92   | 3079     | 0.38  | ug/l  | 100    |
| 65) Chlorobenzene            | 10.12 | 112  | 136143   | 14.89 | ug/l  | 100    |
| 87) 1,3-Dichlorobenzene      | 12.01 | 146  | 12737    | 1.86  | ug/l  | 99     |
| 88) 1,4-Dichlorobenzene      | 12.08 | 146  | 44748    | 6.37  | ug/l  | 96     |
| 91) 1,2-Dichlorobenzene      | 12.38 | 146  | 147453   | 22.17 | ug/l  | 99     |

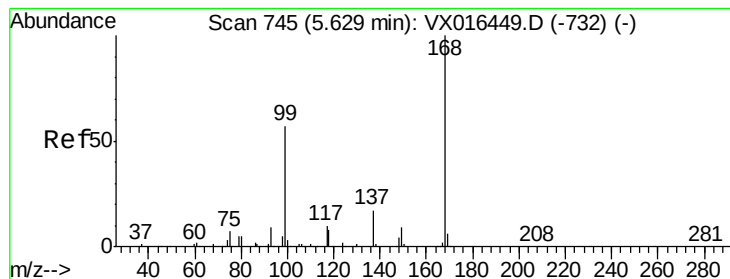
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_X\DATA\VX052920\  
Data File : VX016508.D  
Acq On : 29 May 2020 14:09  
Operator : JC/SP  
Sample : L2778-02  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
WP022RW349-200526

Quant Time: May 30 05:03:05 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X052720W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 27 16:31:05 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016508.D

Acq: 29 May 2020 14:09

Instrument :

MSVOA\_X

ClientSampleId :

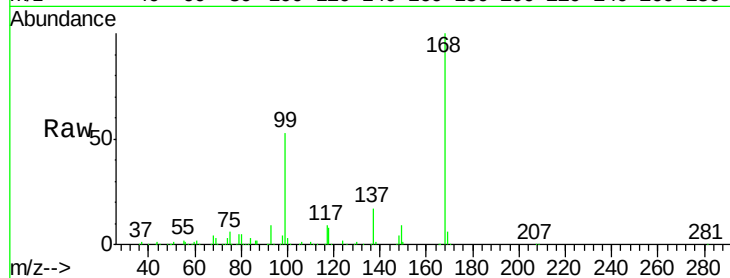
WP022RW349-200526

Tgt Ion:168 Resp: 284622

Ion Ratio Lower Upper

168 100

99 52.6 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

120000

100000

80000

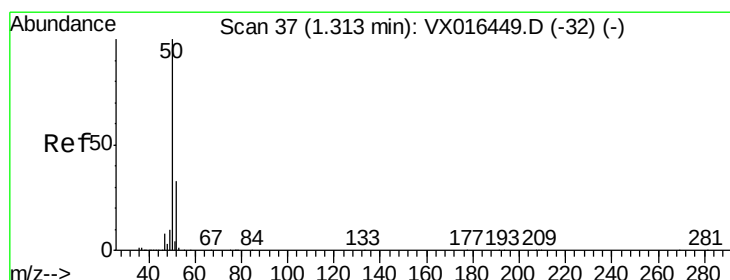
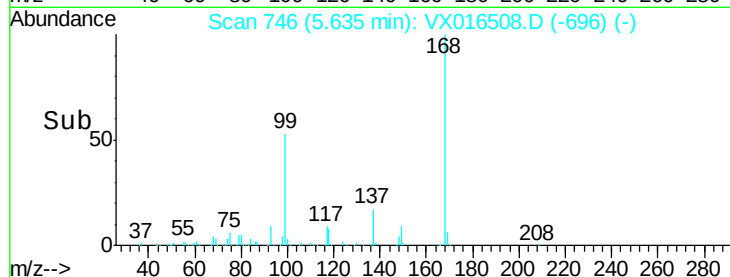
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.69 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016508.D

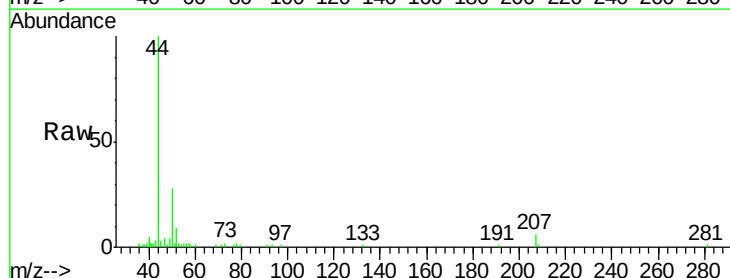
Acq: 29 May 2020 14:09

Tgt Ion: 50 Resp: 2336

Ion Ratio Lower Upper

50 100

52 32.3 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

2000

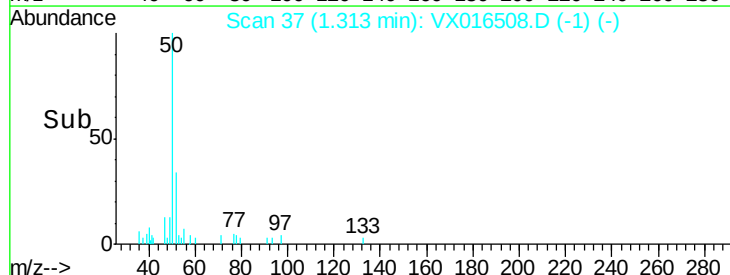
1500

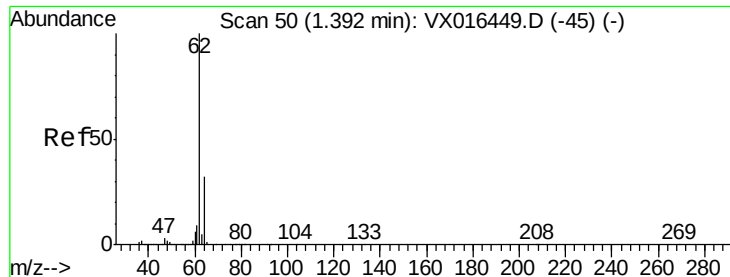
1000

500

0

Time-->





#4

Vinyl Chloride

Concen: 80.61 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016508.D

Acq: 29 May 2020 14:09

Instrument :

MSVOA\_X

ClientSampleId :

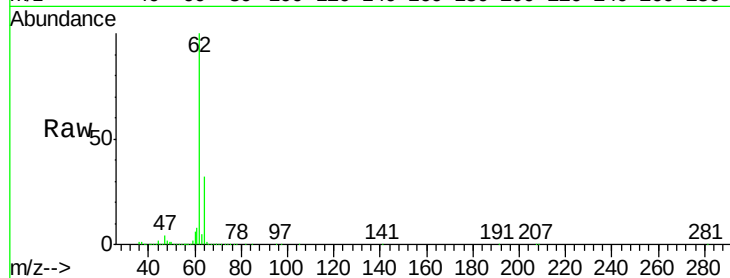
WP022RW349-200526

Tgt Ion: 62 Resp: 288558

Ion Ratio Lower Upper

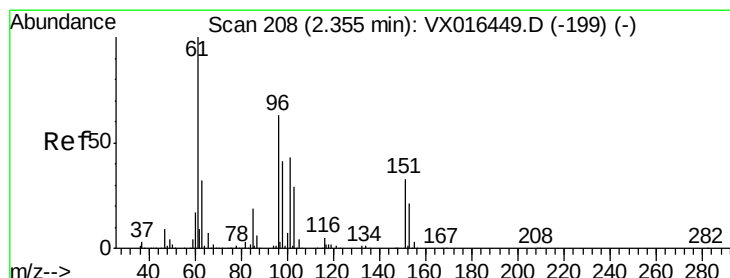
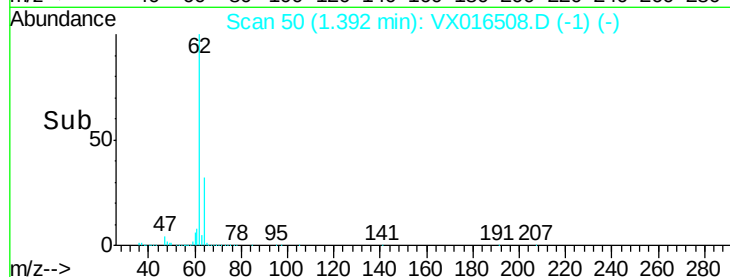
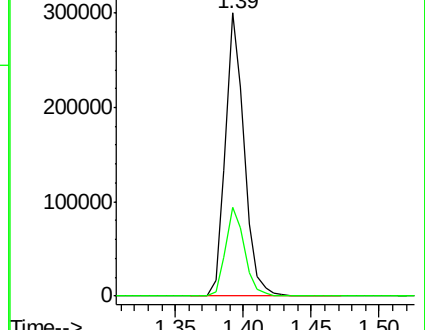
62 100

64 31.6 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#12

1,1-Dichloroethene

Concen: 1.48 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX016508.D

Acq: 29 May 2020 14:09

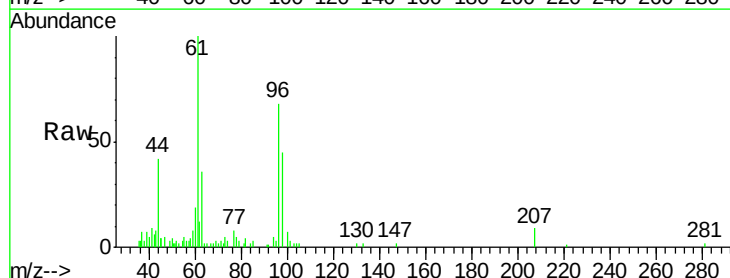
Tgt Ion: 96 Resp: 4056

Ion Ratio Lower Upper

96 100

61 151.5 126.6 189.8

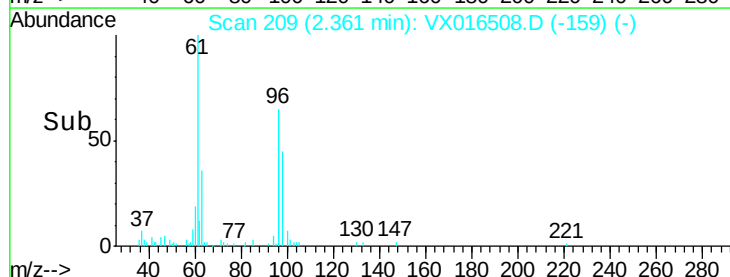
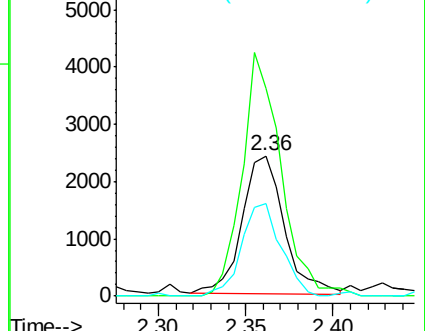
98 67.5 51.3 76.9

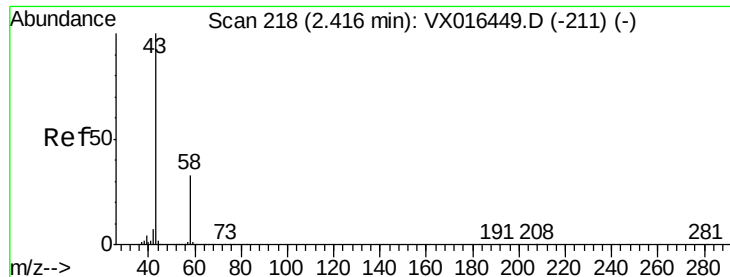


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#16

Acetone

Concen: 6.50 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016508.D

Acq: 29 May 2020 14:09

Instrument :

MSVOA\_X

ClientSampleId :

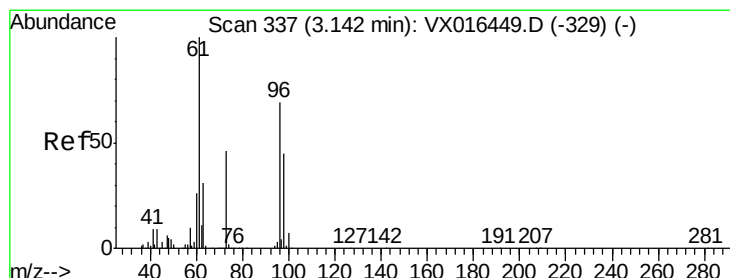
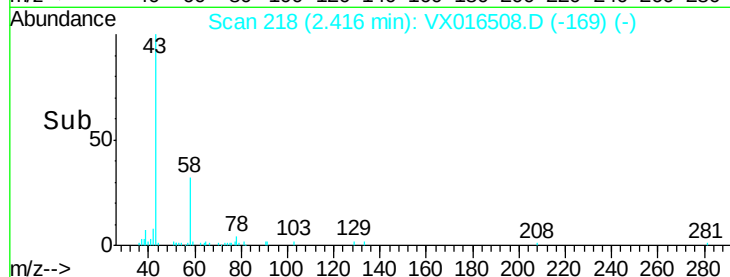
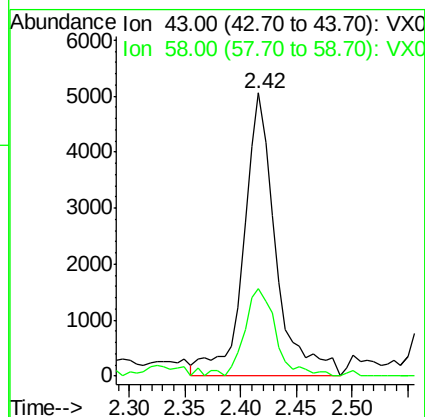
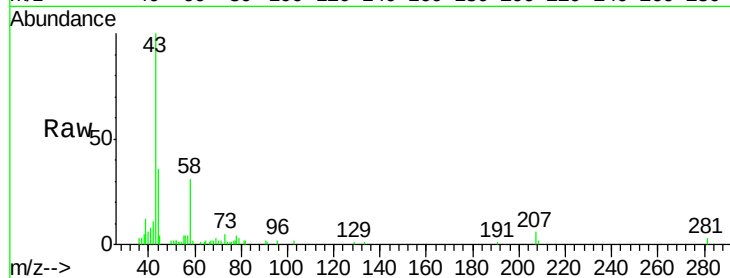
WP022RW349-200526

Tgt Ion: 43 Resp: 10070

Ion Ratio Lower Upper

43 100

58 30.8 26.1 39.1



#21

trans-1,2-Dichloroethene

Concen: 1.59 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX016508.D

Acq: 29 May 2020 14:09

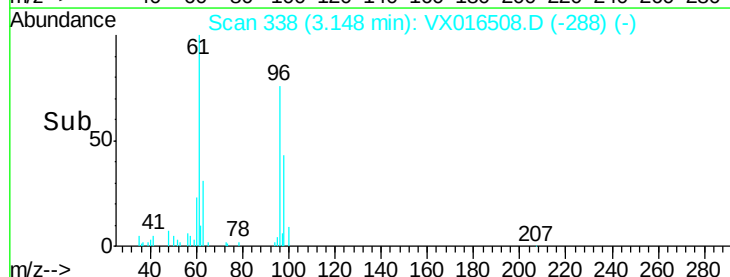
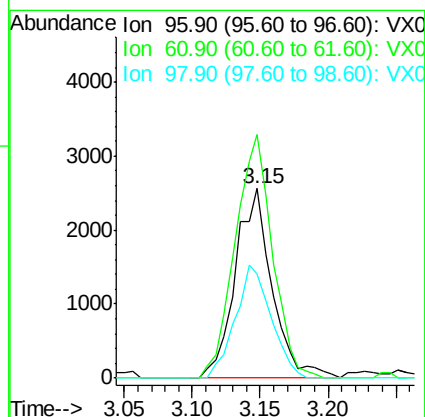
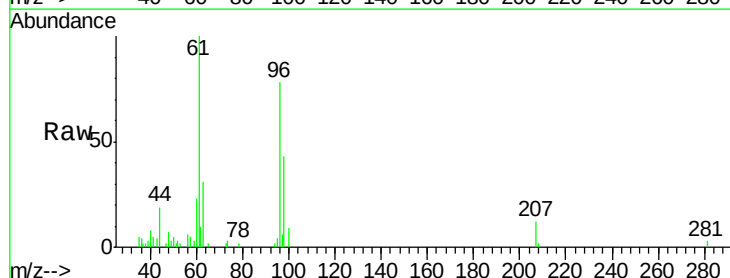
Tgt Ion: 96 Resp: 4826

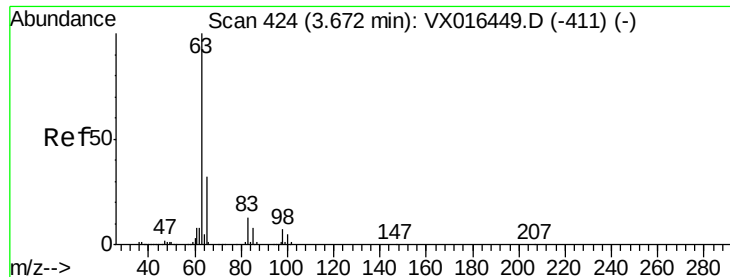
Ion Ratio Lower Upper

96 100

61 128.5 115.3 172.9

98 54.9 51.9 77.9

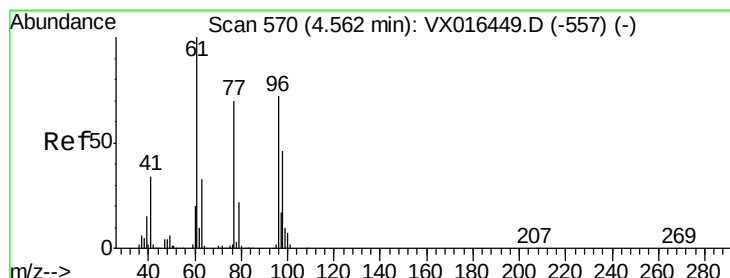
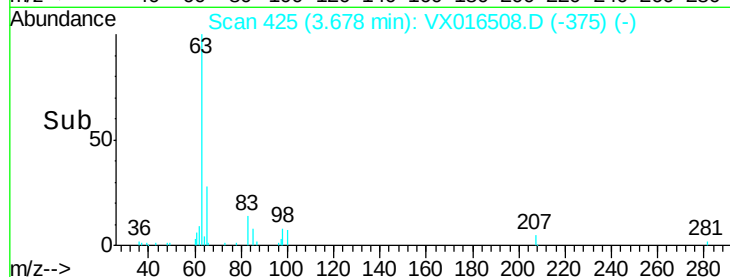
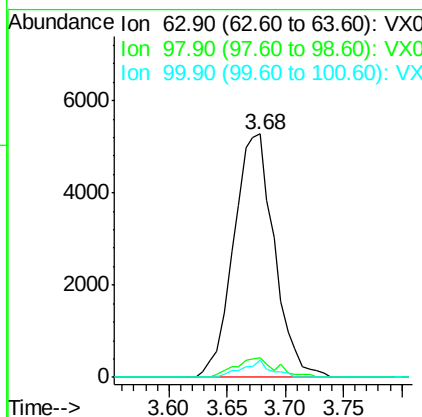
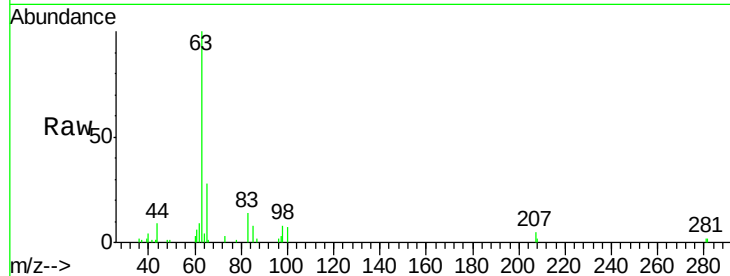




#24  
 1,1-Dichloroethane  
 Concen: 2.35 ug/l  
 RT: 3.68 min Scan# 425  
 Delta R.T. 0.01 min  
 Lab File: VX016508.D  
 Acq: 29 May 2020 14:09

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WP022RW349-200526

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 98      | 8.1   | 3.6   | 10.9  |
| 100     | 7.0   | 2.4   | 7.1   |



#27  
 cis-1,2-Dichloroethene  
 Concen: 73.83 ug/l  
 RT: 4.57 min Scan# 571  
 Delta R.T. 0.01 min  
 Lab File: VX016508.D  
 Acq: 29 May 2020 14:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 128.2 | 0.0   | 284.6 |
| 98      | 64.6  | 0.0   | 127.2 |

