

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042420\  
 Data File : VX015958.D  
 Acq On : 25 Apr 2020 01:46  
 Operator : JC/SP  
 Sample : L2401-04  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 DRAINAGE-SEWALE

Quant Time: Apr 25 08:18:29 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042420W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 24 13:17:59 2020  
 Response via : Initial Calibration

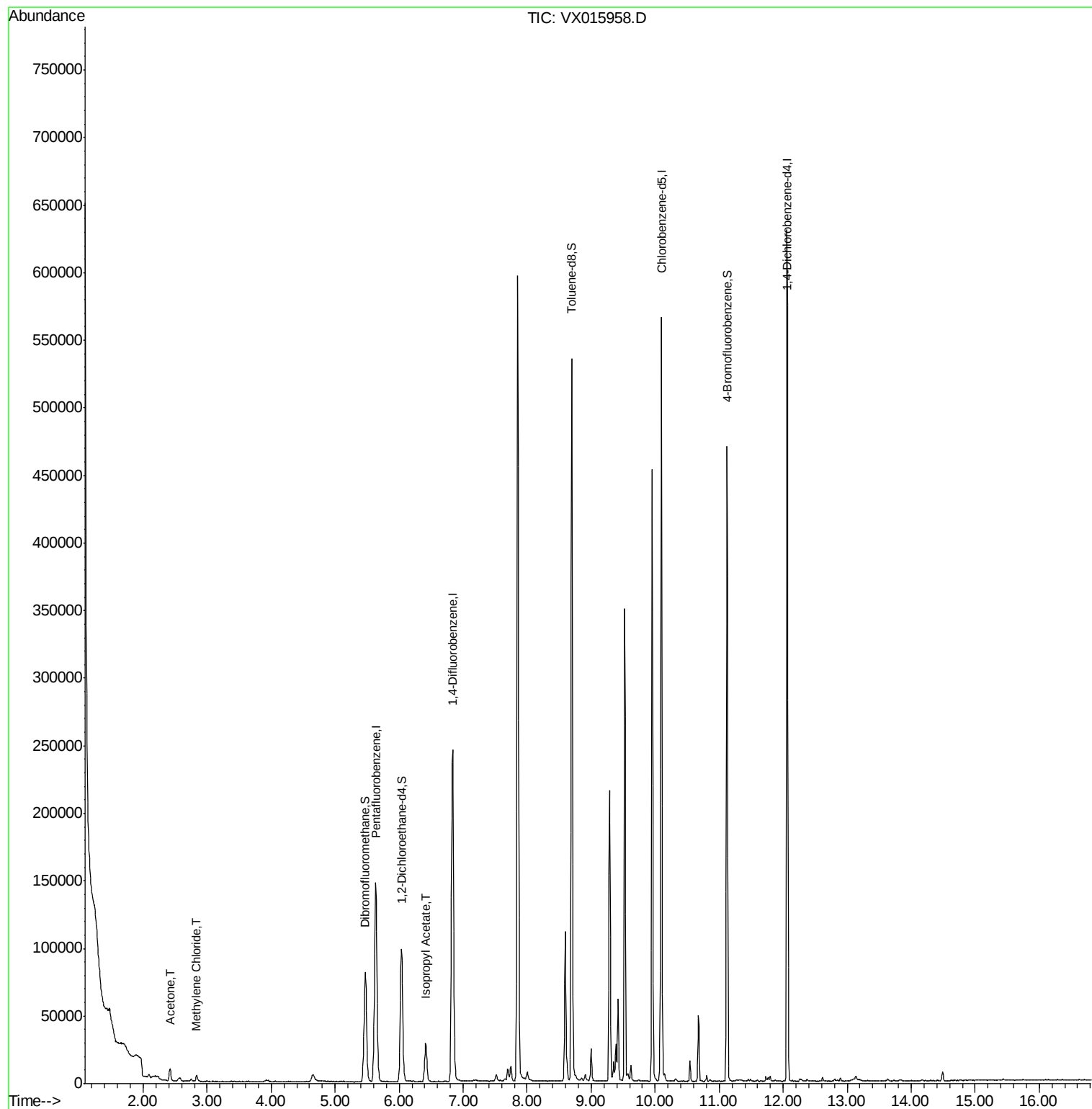
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 5.64  | 168  | 131968   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.84  | 114  | 251014   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.10 | 117  | 247848   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.06 | 152  | 122878   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.04  | 65   | 94764    | 50.86  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 101.72% |          |
| 35) Dibromofluoromethane    | 5.47  | 113  | 73286    | 53.53  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 107.06% |          |
| 50) Toluene-d8              | 8.70  | 98   | 319803   | 55.18  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 110.36% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 133369   | 56.73  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 113.46% |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 2.42  | 43   | 9448     | 13.517 | ug/l    | 98       |
| 20) Methylene Chloride      | 2.84  | 84   | 2108     | 1.219  | ug/l    | 90       |
| 43) Isopropyl Acetate       | 6.42  | 43   | 38387    | 9.723  | ug/l    | 99       |

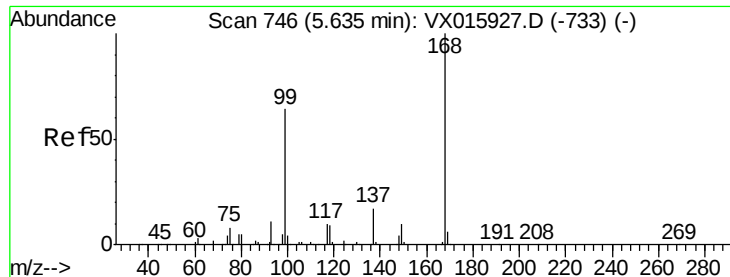
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX015958.D

Acq: 25 Apr 2020 01:46

Instrument :

MSVOA\_X

ClientSampleId :

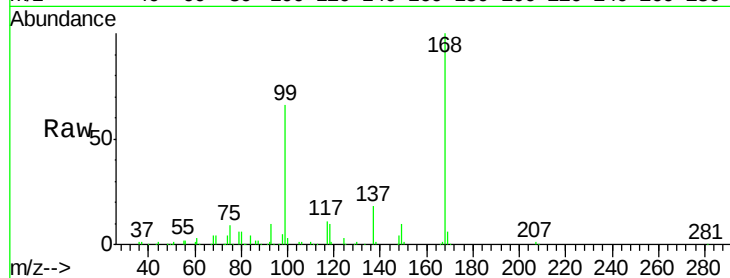
DRAINAGE-SEWALE

Tot Ion:168 Resp: 131968

Ion Ratio Lower Upper

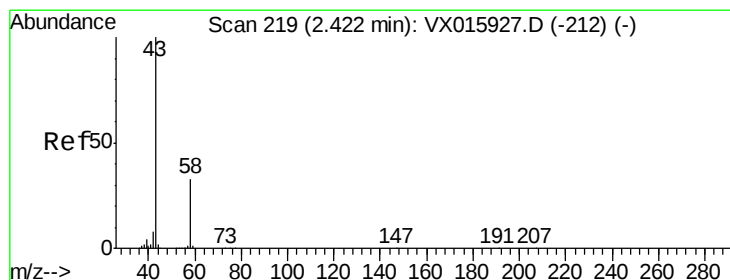
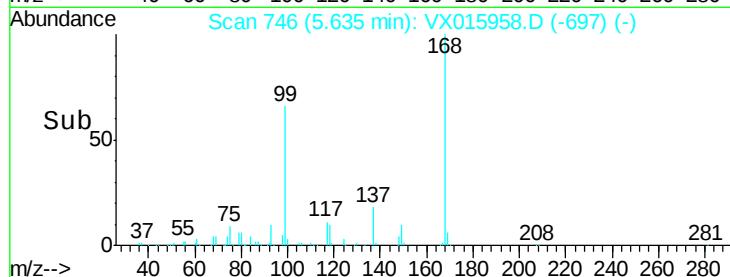
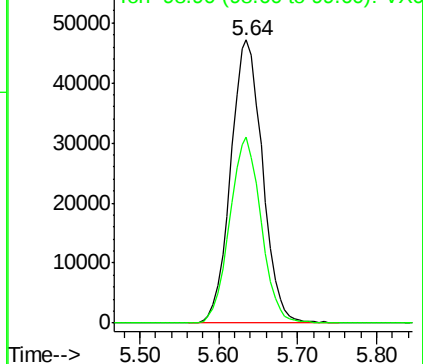
168 100

99 65.5 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 13.517 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX015958.D

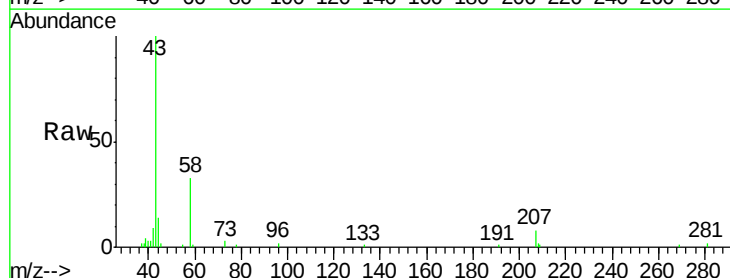
Acq: 25 Apr 2020 01:46

Tgt Ion: 43 Resp: 9448

Ion Ratio Lower Upper

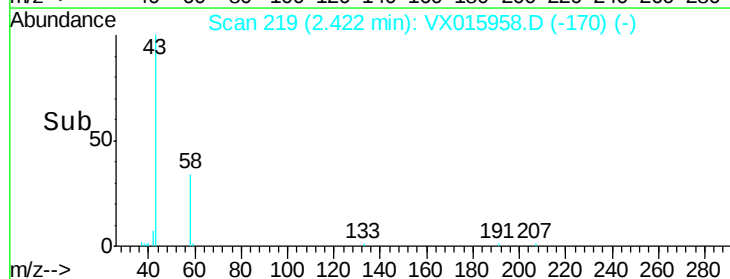
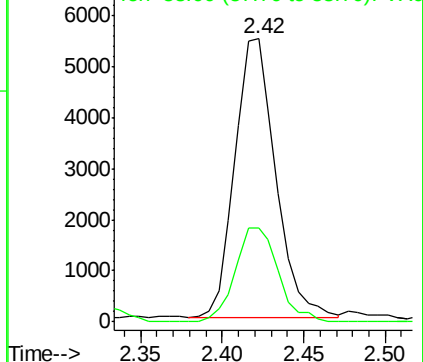
43 100

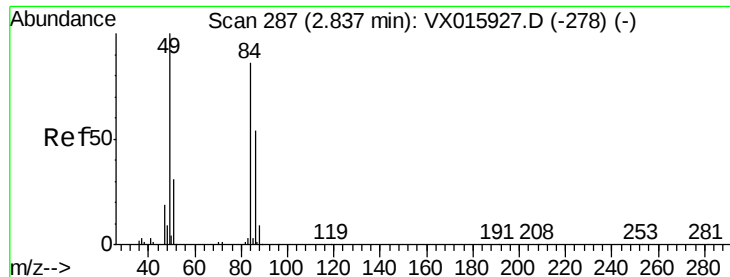
58 33.9 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

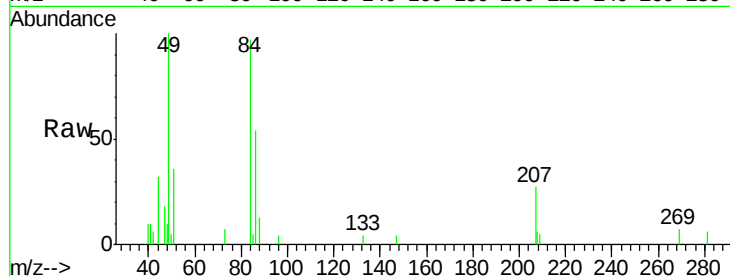




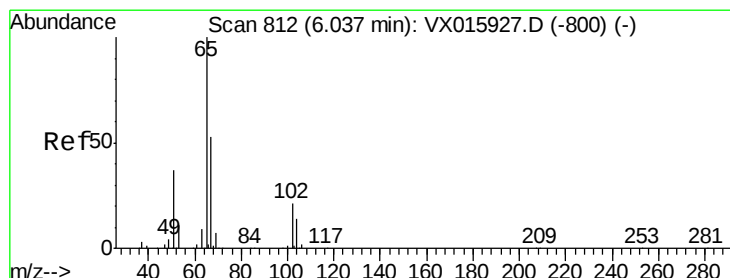
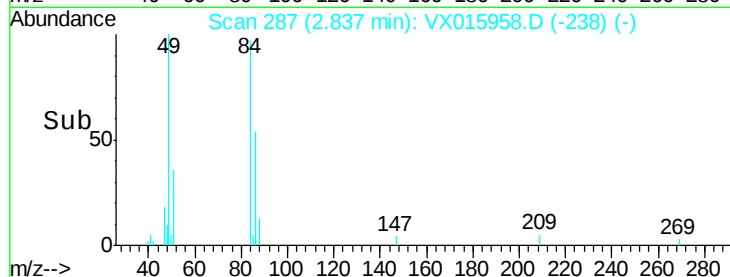
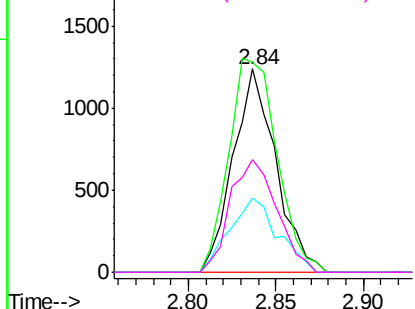
#20  
Methvlene Chloride  
Concen: 1.219 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. 0.00 min  
Lab File: VX015958.D  
Acq: 25 Apr 2020 01:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
DRAINAGE-SEWALE

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 84    | Resp: | 2108  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 103.1 | 93.0  | 139.6 |
| 51       | 36.7  | 28.6  | 43.0  |
| 86       | 55.7  | 50.4  | 75.6  |

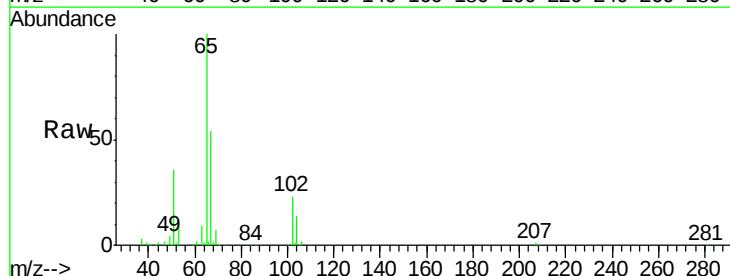


Abundance Ion 83.90 (83.60 to 84.60): VX0  
Ion 48.90 (48.60 to 49.60): VX0  
Ion 50.90 (50.60 to 51.60): VX0  
Ion 85.90 (85.60 to 86.60): VX0

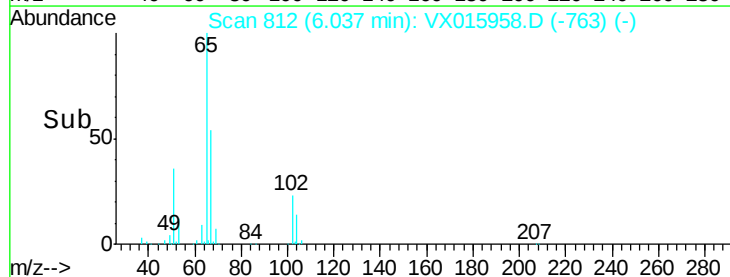
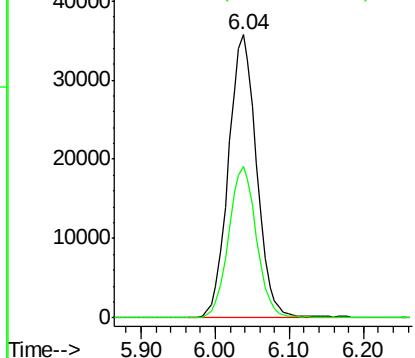


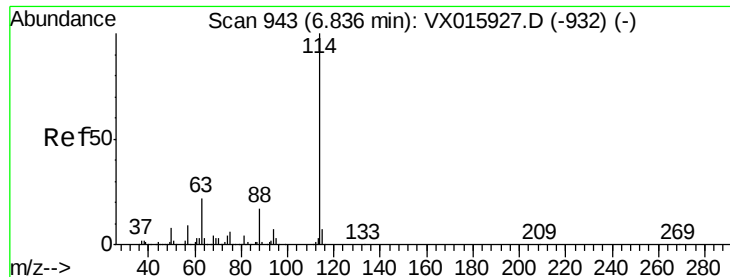
#33  
1,2-Dichloroethane-d4  
Concen: 50.855 ug/l  
RT: 6.04 min Scan# 812  
Delta R.T. 0.00 min  
Lab File: VX015958.D  
Acq: 25 Apr 2020 01:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 65    | Resp: | 94764 |
| Ion      | Ratio | Lower | Upper |
| 65       | 100   |       |       |
| 67       | 53.0  | 0.0   | 106.6 |



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. 0.00 min

Lab File: VX015958.D

Acq: 25 Apr 2020 01:46

Instrument :

MSVOA\_X

ClientSampleId :

DRAINAGE-SEWALE

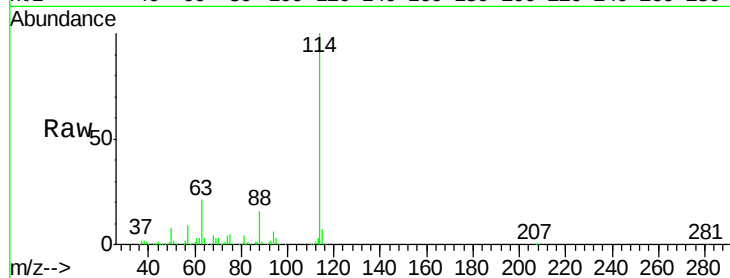
Tot Ion:114 Resp: 251014

Ion Ratio Lower Upper

114 100

63 20.6 0.0 44.4

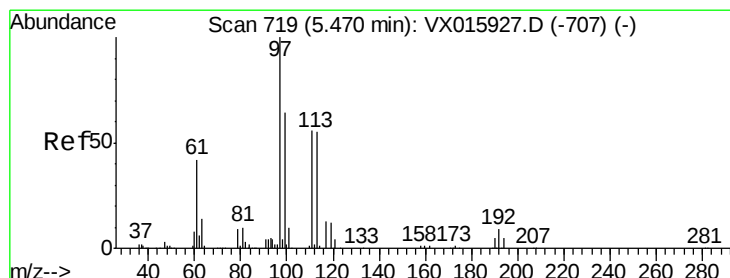
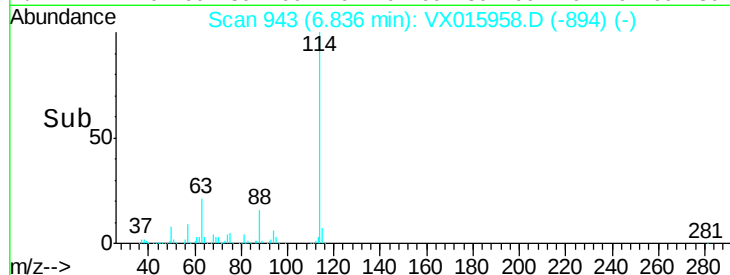
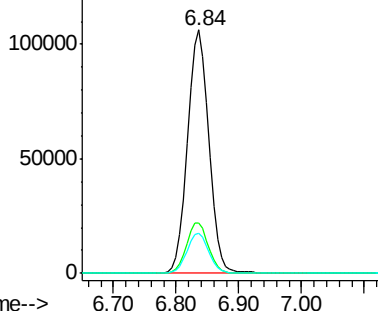
88 16.3 0.0 34.2



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: 53.533 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX015958.D

Acq: 25 Apr 2020 01:46

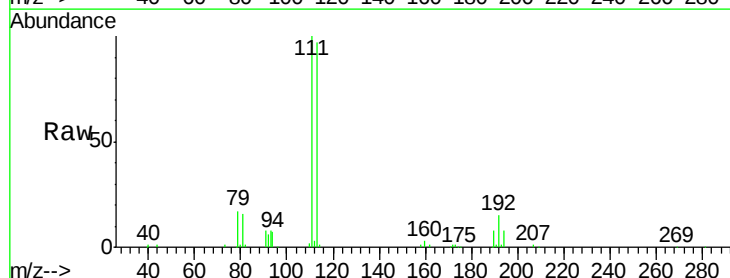
Tgt Ion:113 Resp: 73286

Ion Ratio Lower Upper

113 100

111 102.5 81.2 121.8

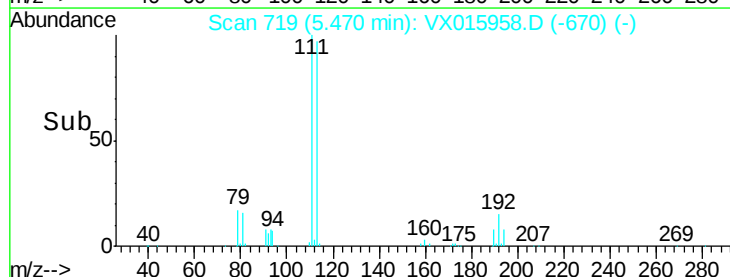
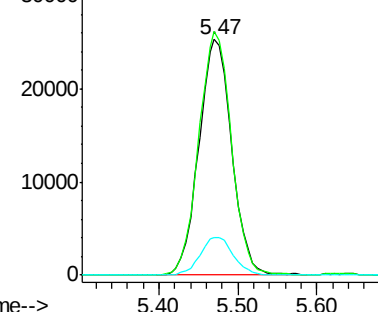
192 16.2 13.6 20.4

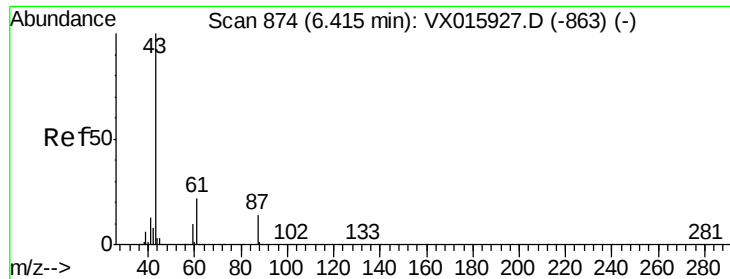


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.723 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX015958.D

Acq: 25 Apr 2020 01:46

Instrument :

MSVOA\_X

ClientSampleId :

DRAINAGE-SEWALE

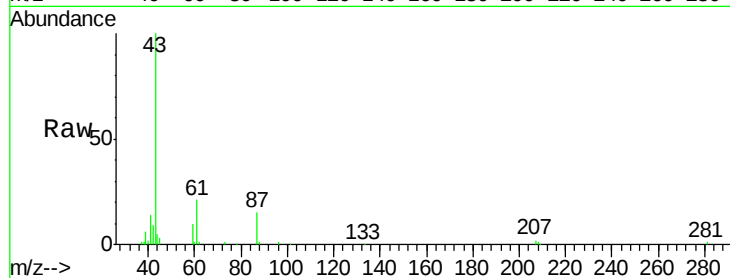
Tot Ion: 43 Resp: 38387

Ion Ratio Lower Upper

43 100

61 21.6 17.6 26.4

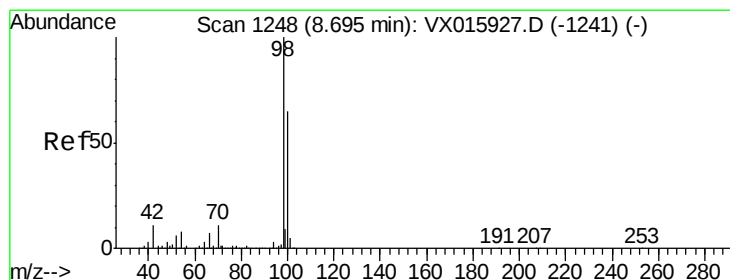
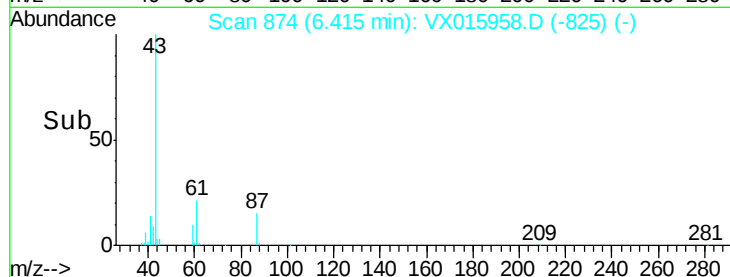
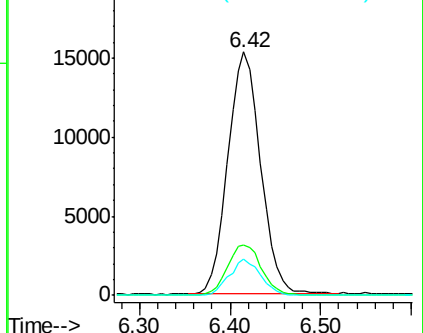
87 14.3 11.6 17.4



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



#50

Toluene-d8

Concen: 55.178 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX015958.D

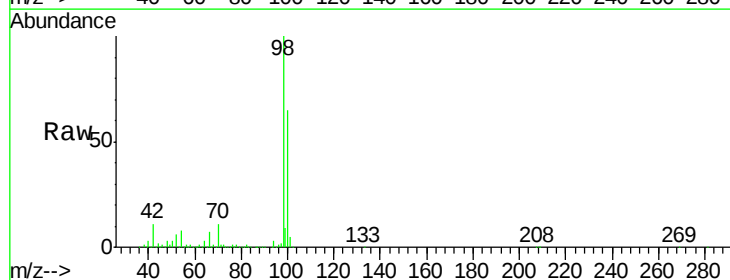
Acq: 25 Apr 2020 01:46

Tgt Ion: 98 Resp: 319803

Ion Ratio Lower Upper

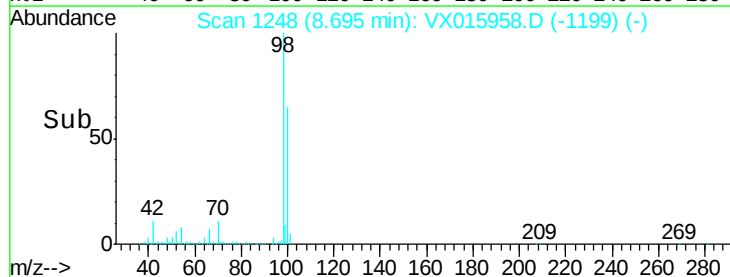
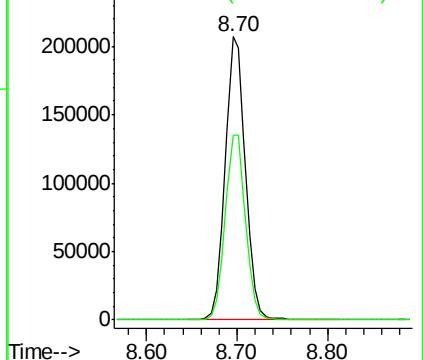
98 100

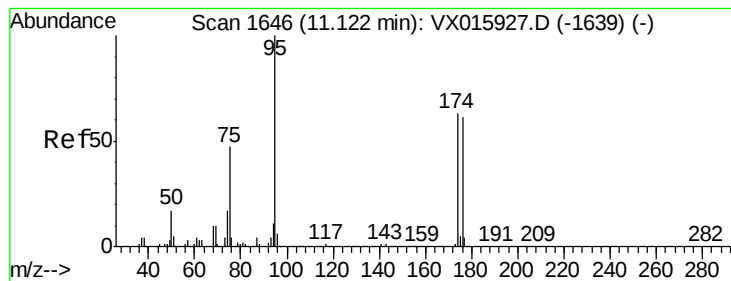
100 66.2 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 56.732 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX015958.D

Acq: 25 Apr 2020 01:46

Instrument :

MSVOA\_X

ClientSampleId :

DRAINAGE-SEWALE

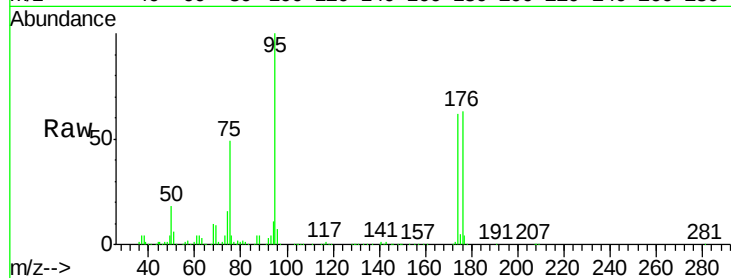
Tot Ion: 95 Resp: 133369

Ion Ratio Lower Upper

95 100

174 65.2 0.0 133.6

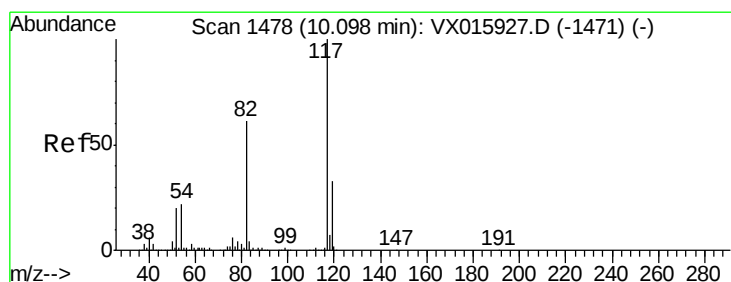
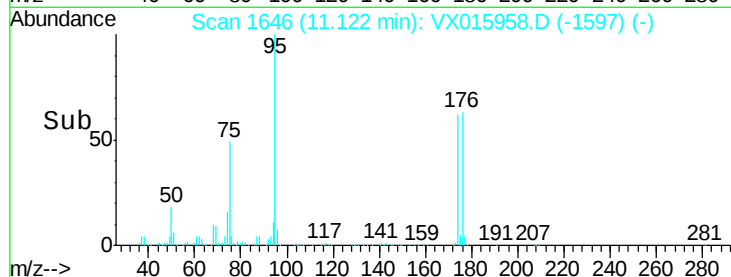
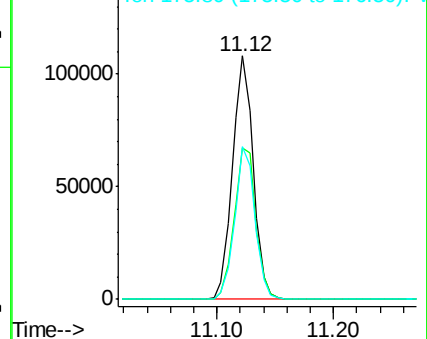
176 61.7 0.0 126.0



Abundance Ion 94.90 (94.60 to 95.60): VX015927.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX015927.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX015927.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX015958.D

Acq: 25 Apr 2020 01:46

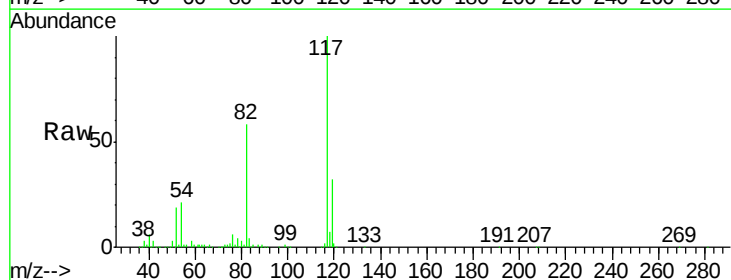
Tgt Ion: 117 Resp: 247848

Ion Ratio Lower Upper

117 100

82 57.7 48.5 72.7

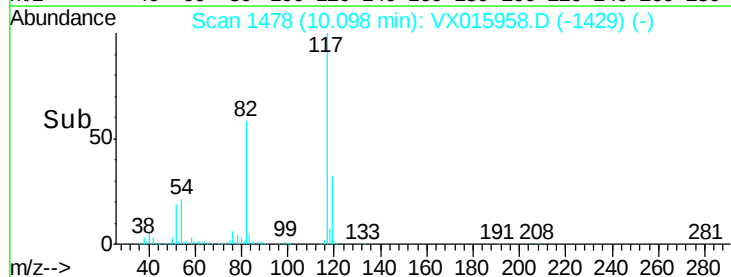
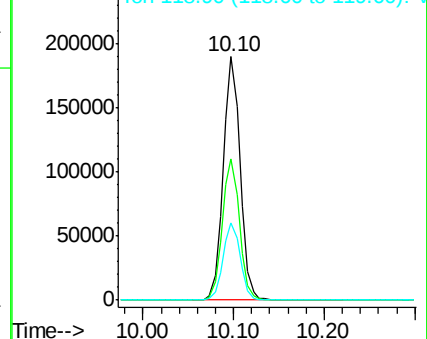
119 31.5 26.2 39.4

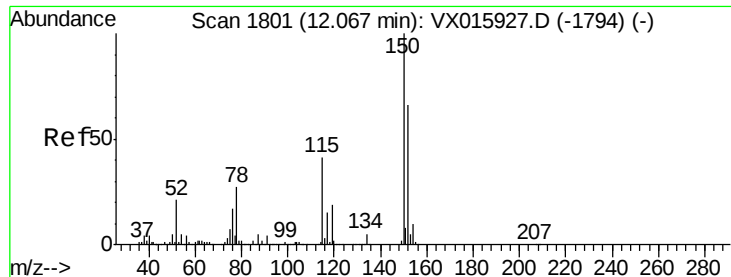


Abundance Ion 116.90 (116.60 to 117.60): VX015927.D (-1471) (-)

Ion 82.00 (81.70 to 82.70): VX015927.D (-1471) (-)

Ion 118.90 (118.60 to 119.60): VX015927.D (-1471) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.01 min

Lab File: VX015958.D

Acq: 25 Apr 2020 01:46

Instrument :

MSVOA\_X

ClientSampleId :

DRAINAGE-SEWALE

Tot Ion:152 Resp: 122878

Ion Ratio Lower Upper

152 100

115 64.0 44.1 132.4

150 154.5 0.0 343.6

