

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071020\  
 Data File : VX017343.D  
 Acq On : 10 Jul 2020 18:13  
 Operator : JC/SP  
 Sample : L3251-02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BUR-DRUM-COMP

Quant Time: Jul 11 01:50:18 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X062920W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 29 17:10:38 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.64  | 168  | 263292   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 437312   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 476618   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 258841   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.04  | 65   | 167056   | 51.47 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.94% |          |
| 35) Dibromofluoromethane    | 5.46  | 113  | 142463   | 51.50 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.00% |          |
| 50) Toluene-d8              | 8.70  | 98   | 545433   | 53.32 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 106.64% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 244591   | 61.17 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 122.34% |          |

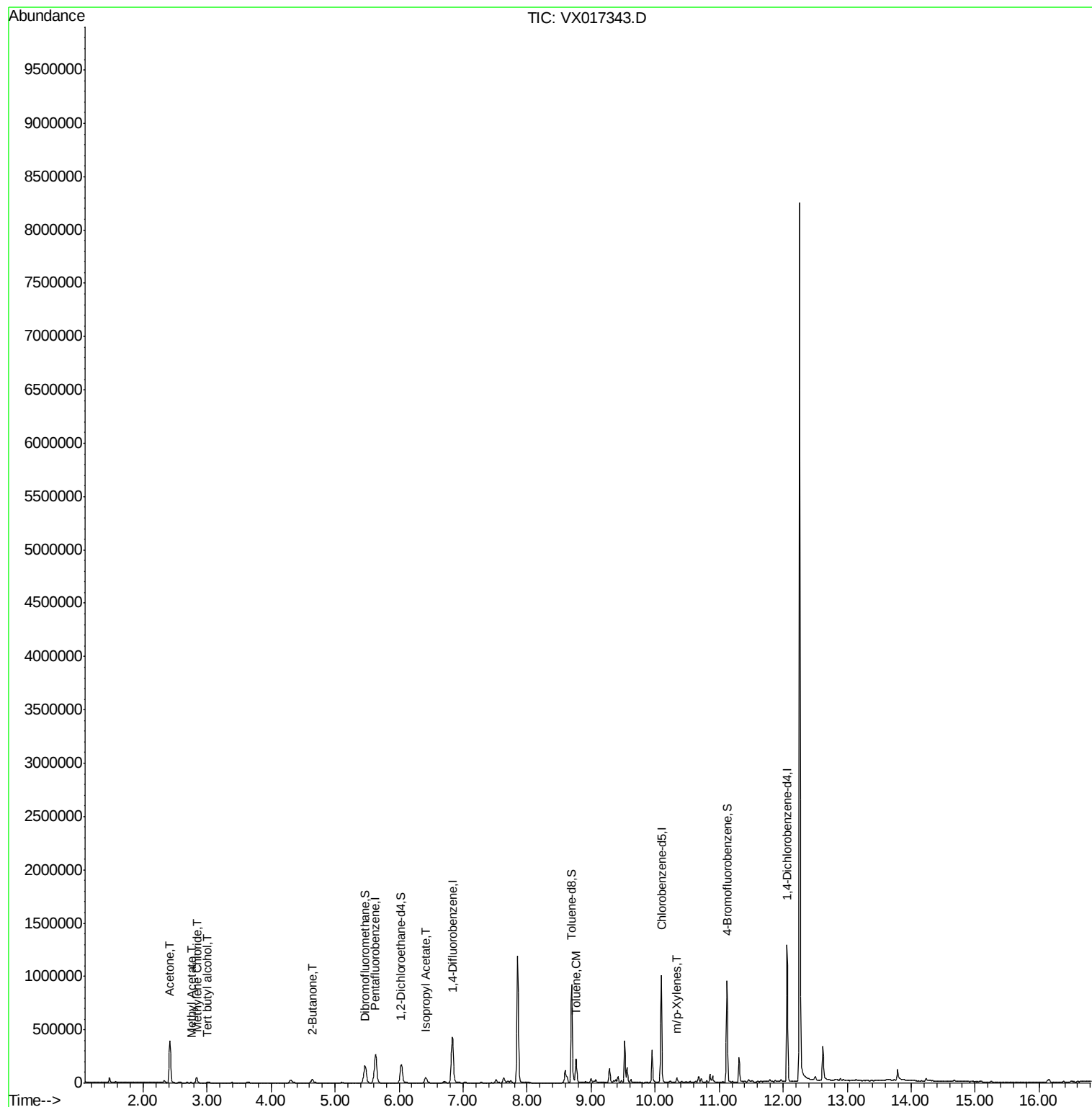
| Target Compounds       | R.T.  | QIon | Response | Conc    | Units | Qvalue |
|------------------------|-------|------|----------|---------|-------|--------|
| 11) Tert butyl alcohol | 3.01  | 59   | 11577    | 18.696  | ug/l  | 97     |
| 16) Acetone            | 2.42  | 43   | 423394   | 348.689 | ug/l  | 97     |
| 18) Methyl Acetate     | 2.75  | 43   | 3543     | 1.118   | ug/l  | 93     |
| 20) Methylene Chloride | 2.84  | 84   | 24036    | 7.973   | ug/l  | 98     |
| 25) 2-Butanone         | 4.64  | 43   | 49539    | 24.485  | ug/l  | 100    |
| 43) Isopropyl Acetate  | 6.42  | 43   | 66739    | 9.577   | ug/l  | 99     |
| 52) Toluene            | 8.76  | 92   | 83693    | 11.038  | ug/l  | 98     |
| 68) m/p-Xylenes        | 10.34 | 106  | 9805     | 1.554   | ug/l  | 99     |

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X062920W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jun 29 17:10:38 2020  
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: VX017343.D

Acq: 10 Jul 2020 18:13

Instrument :

MSVOA\_X

ClientSampleId :

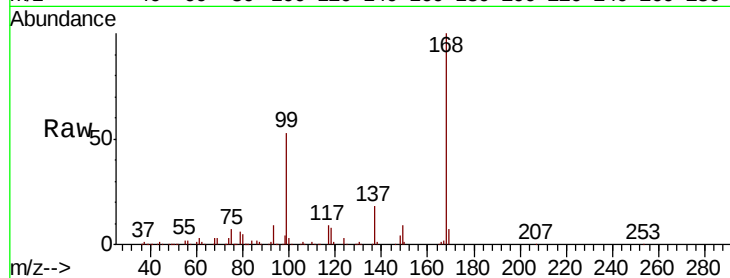
BUR-DRUM-COMP

Tot Ion:168 Resp: 263292

Ion Ratio Lower Upper

168 100

99 52.7 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

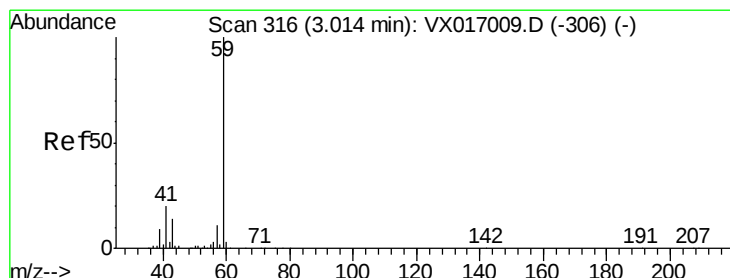
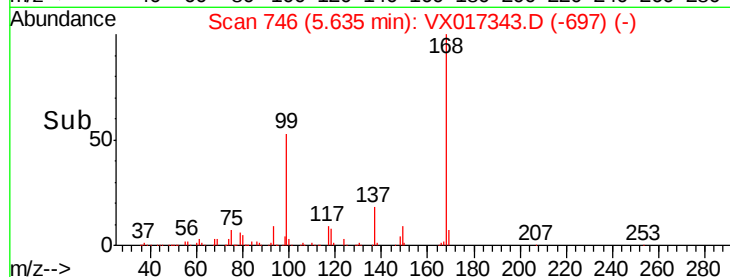
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 18.696 ug/l

RT: 3.01 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX017343.D

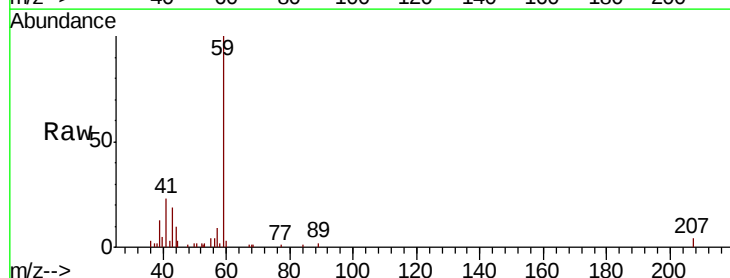
Acq: 10 Jul 2020 18:13

Tgt Ion: 59 Resp: 11577

Ion Ratio Lower Upper

59 100

57 11.5 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

6000

5000

4000

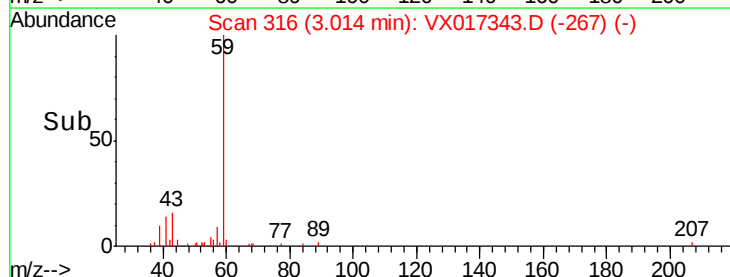
3000

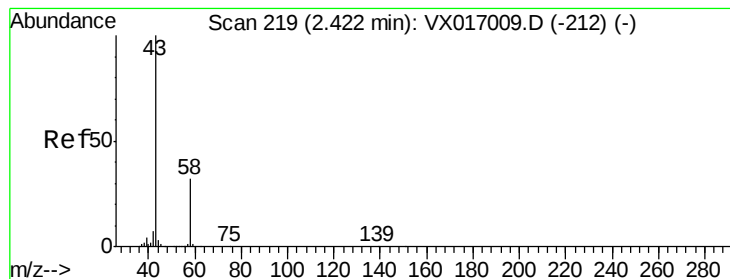
2000

1000

0

Time-->





#16

Acetone

Concen: 348.689 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017343.D

Acq: 10 Jul 2020 18:13

Instrument :

MSVOA\_X

ClientSampleId :

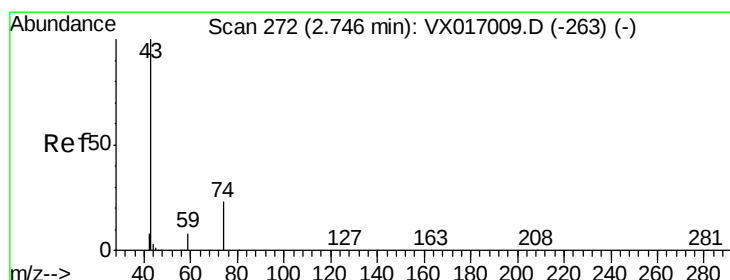
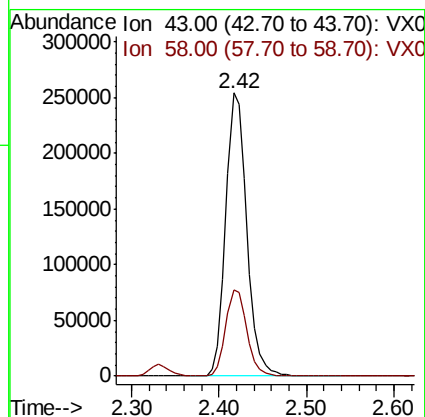
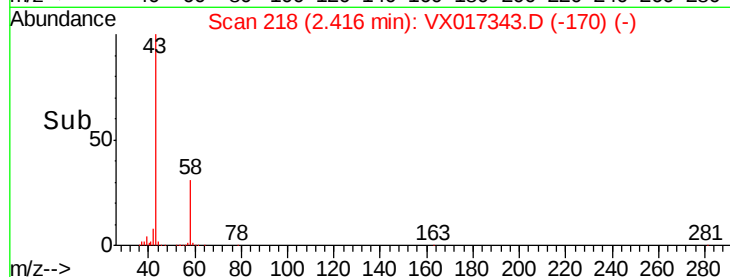
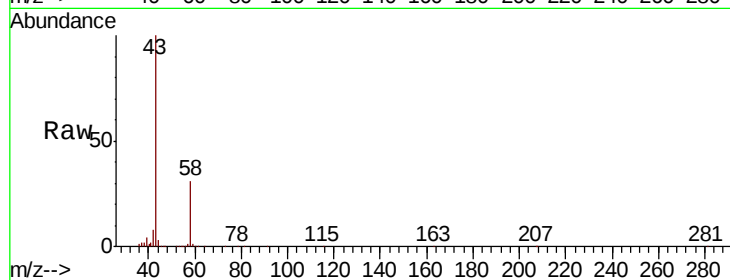
BUR-DRUM-COMP

Tot Ion: 43 Resp: 423394

Ion Ratio Lower Upper

43 100

58 30.6 25.7 38.5



#18

Methyl Acetate

Concen: 1.118 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX017343.D

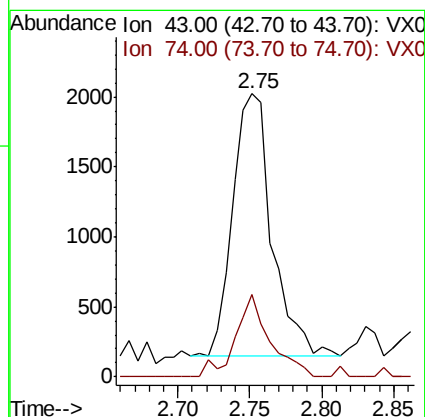
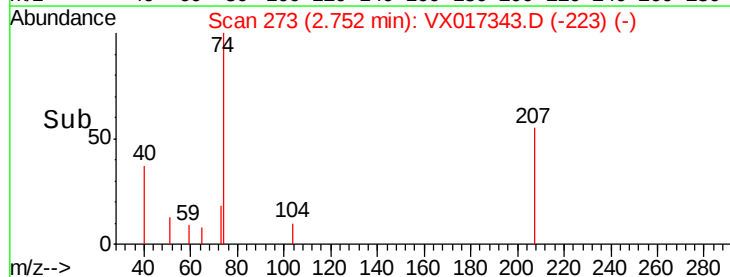
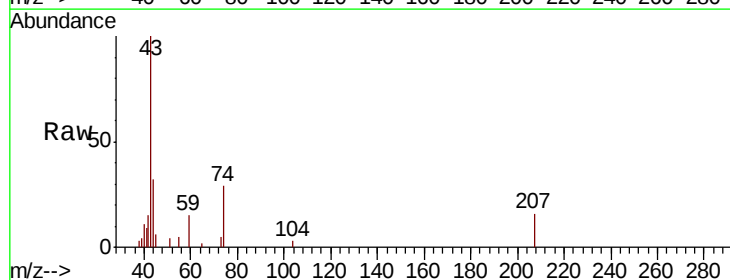
Acq: 10 Jul 2020 18:13

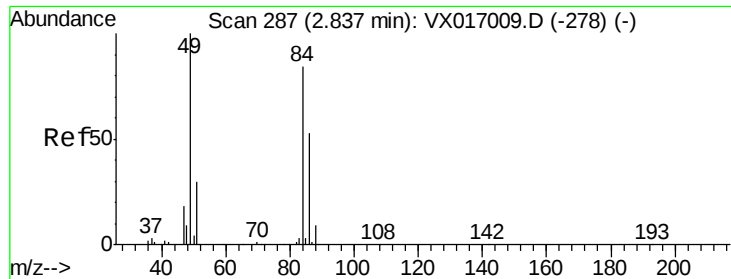
Tgt Ion: 43 Resp: 3543

Ion Ratio Lower Upper

43 100

74 27.6 19.3 28.9

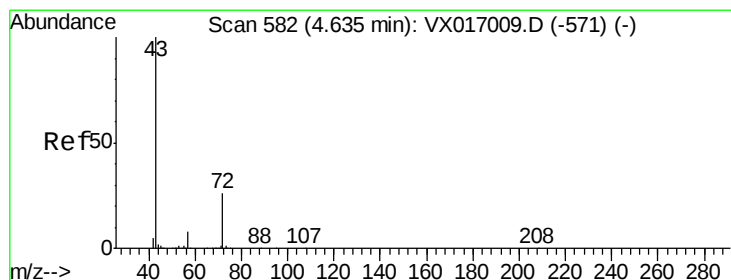
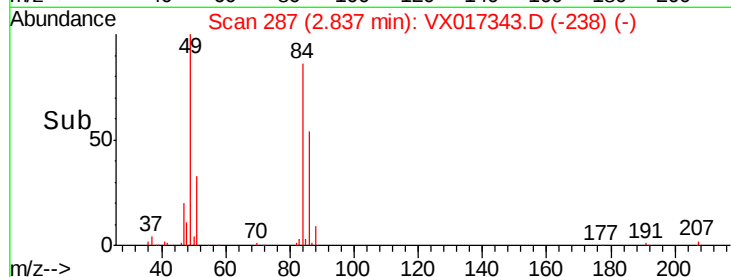
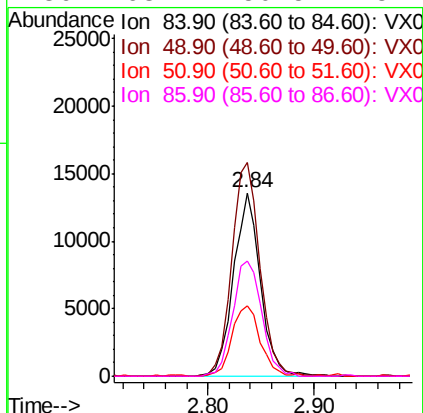
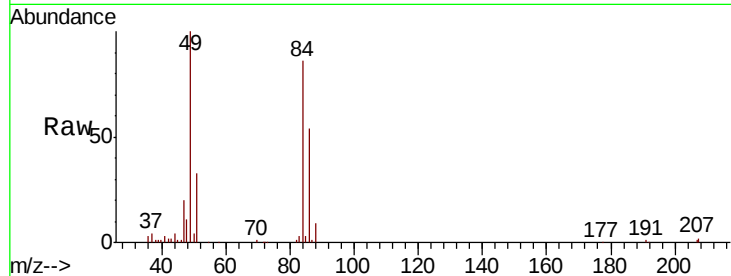




#20  
Methvlene Chloride  
Concen: 7.973 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. 0.00 min  
Lab File: VX017343.D  
Acq: 10 Jul 2020 18:13

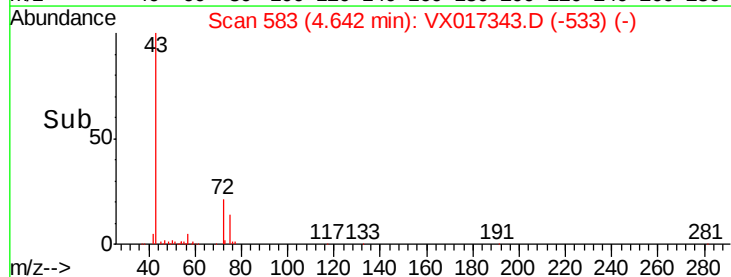
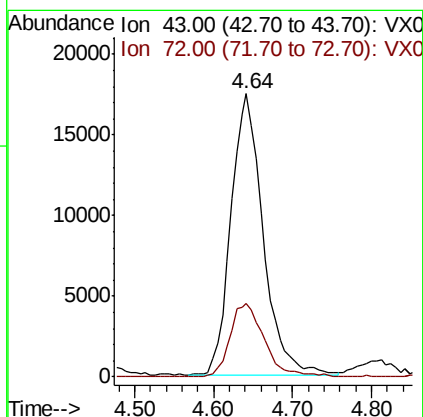
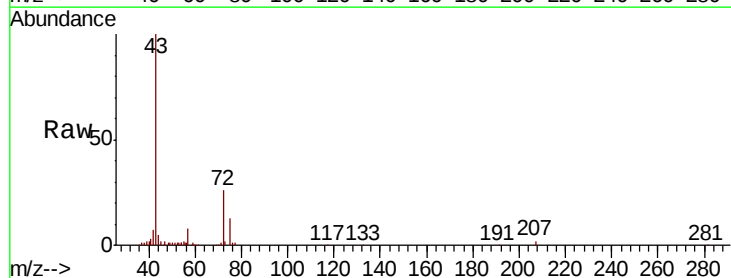
Instrument :  
MSVOA\_X  
ClientSampleId :  
BUR-DRUM-COMP

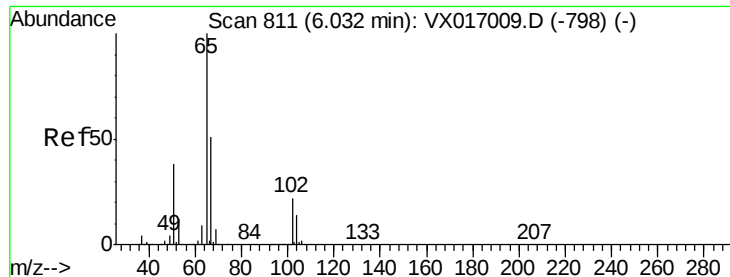
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 84    | Resp: | 24036 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 116.6 | 94.7  | 142.1 |
| 51       | 38.5  | 28.6  | 42.8  |
| 86       | 63.2  | 50.5  | 75.7  |



#25  
2-Butanone  
Concen: 24.485 ug/l  
RT: 4.64 min Scan# 583  
Delta R.T. 0.01 min  
Lab File: VX017343.D  
Acq: 10 Jul 2020 18:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 49539 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 25.9  | 20.8  | 31.2  |





#33

1,2-Dichloroethane-d4

Concen: 51.467 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017343.D

Acq: 10 Jul 2020 18:13

Instrument :

MSVOA\_X

ClientSampleId :

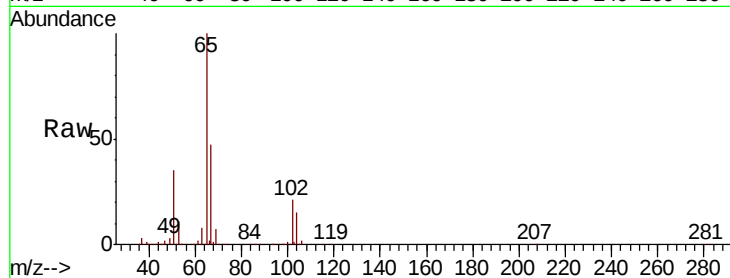
BUR-DRUM-COMP

Tot Ion: 65 Resp: 167056

Ion Ratio Lower Upper

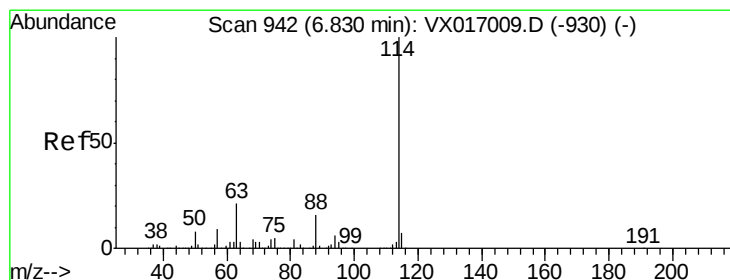
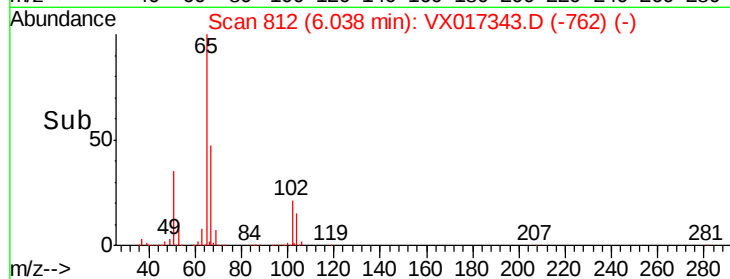
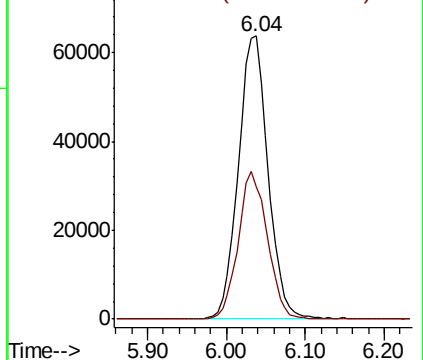
65 100

67 51.4 0.0 103.8



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: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017343.D

Acq: 10 Jul 2020 18:13

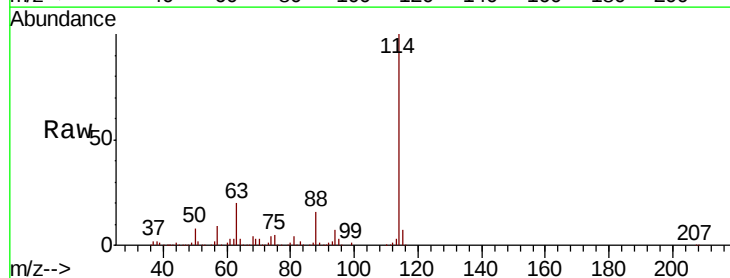
Tgt Ion: 114 Resp: 437312

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.4

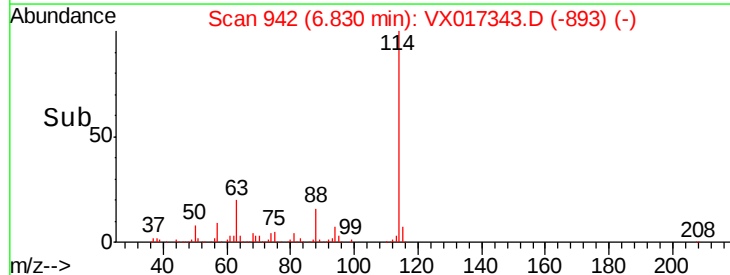
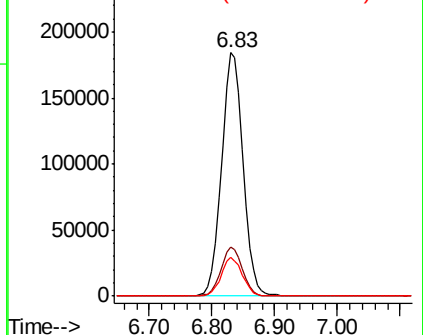
88 16.0 0.0 32.4

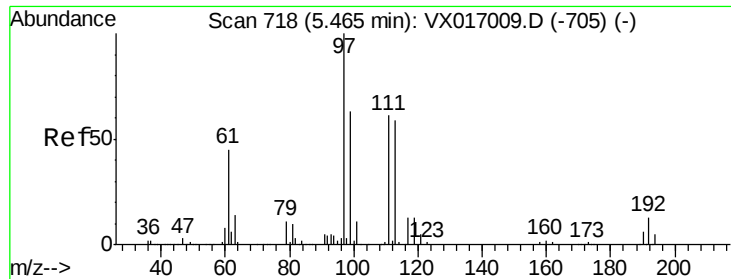


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.499 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017343.D

Acq: 10 Jul 2020 18:13

Instrument :

MSVOA\_X

ClientSampleId :

BUR-DRUM-COMP

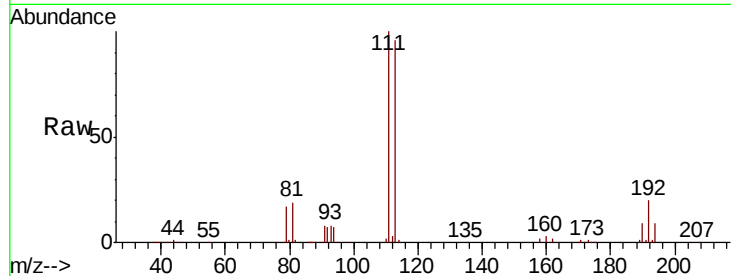
Tot Ion:113 Resp: 142463

Ion Ratio Lower Upper

113 100

111 104.0 81.9 122.9

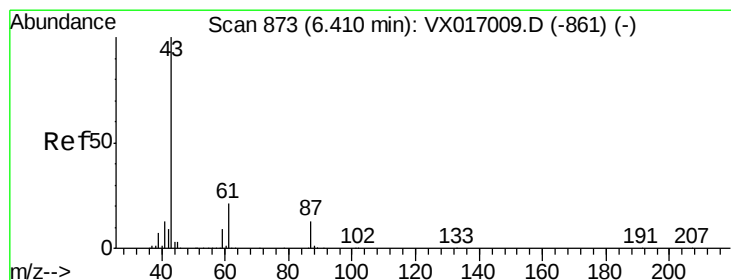
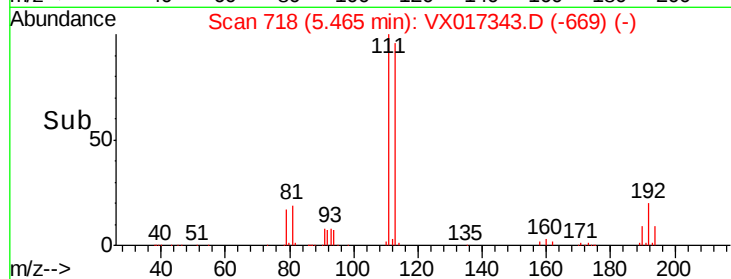
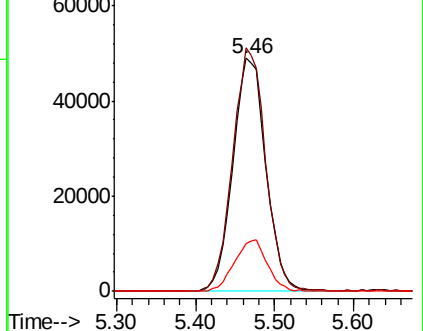
192 21.9 16.7 25.1



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: 9.577 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX017343.D

Acq: 10 Jul 2020 18:13

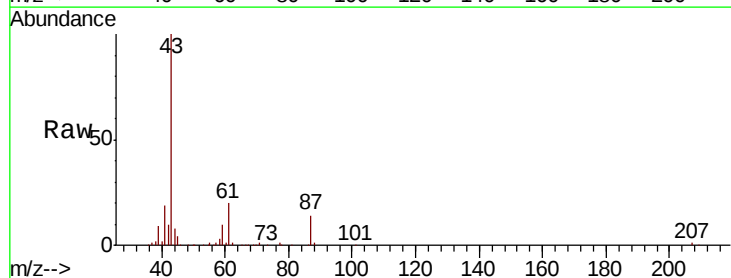
Tgt Ion: 43 Resp: 66739

Ion Ratio Lower Upper

43 100

61 19.8 16.2 24.2

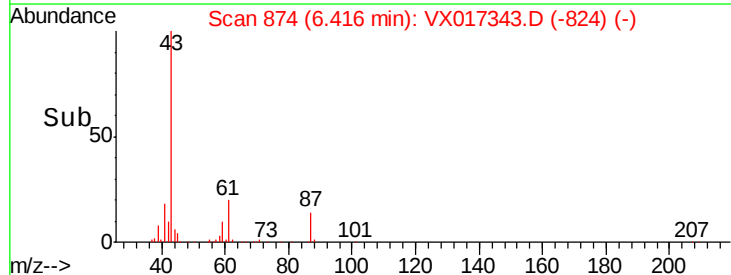
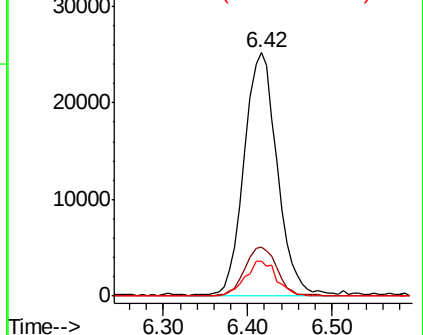
87 13.6 10.7 16.1

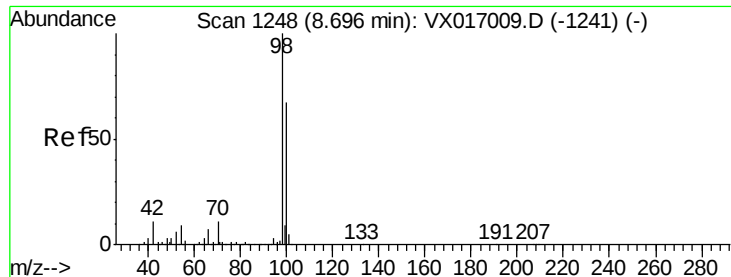


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 53.321 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017343.D

Acq: 10 Jul 2020 18:13

Instrument :

MSVOA\_X

ClientSampleId :

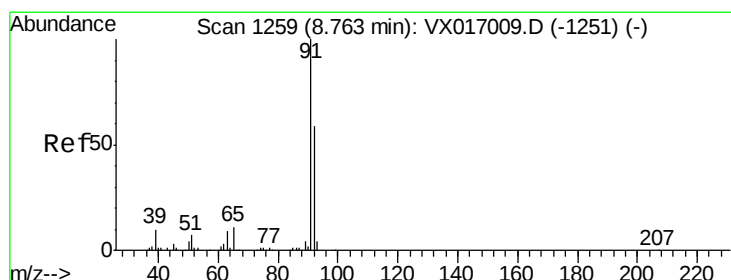
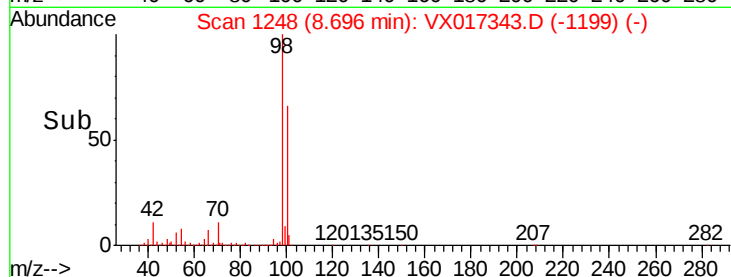
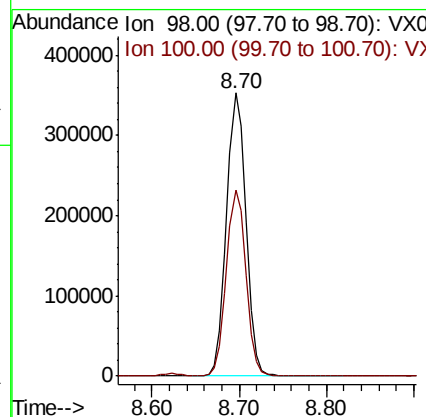
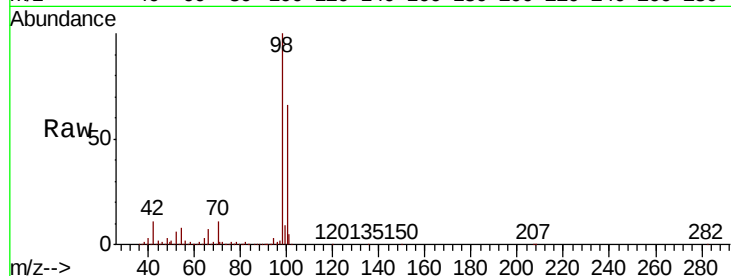
BUR-DRUM-COMP

Tot Ion: 98 Resp: 545433

Ion Ratio Lower Upper

98 100

100 66.2 53.8 80.6



#52

Toluene

Concen: 11.038 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017343.D

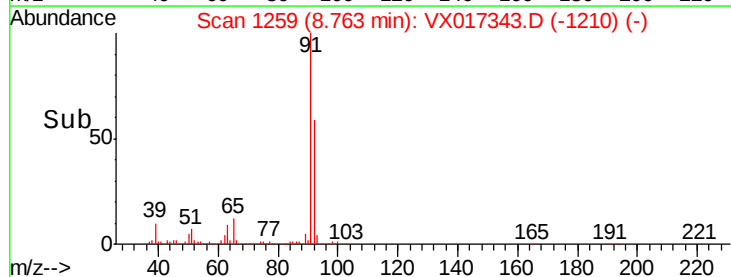
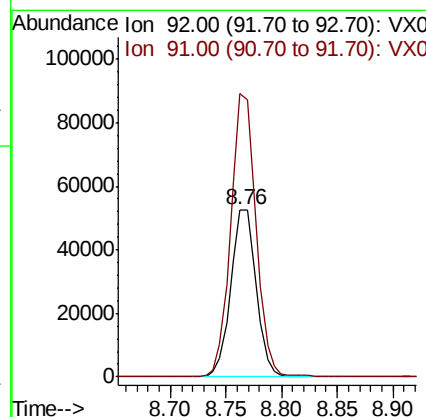
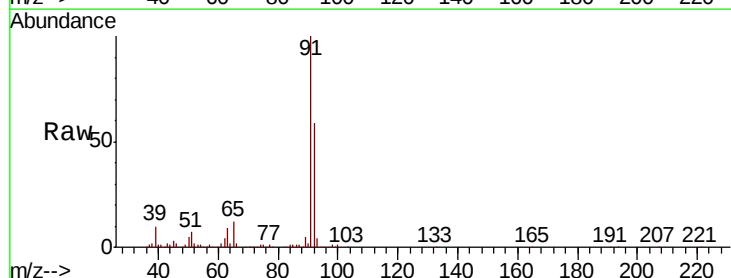
Acq: 10 Jul 2020 18:13

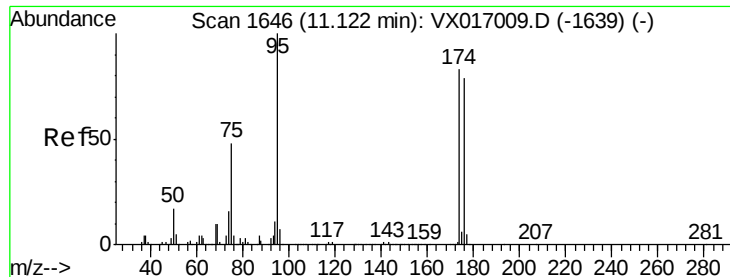
Tgt Ion: 92 Resp: 83693

Ion Ratio Lower Upper

92 100

91 168.0 136.9 205.3

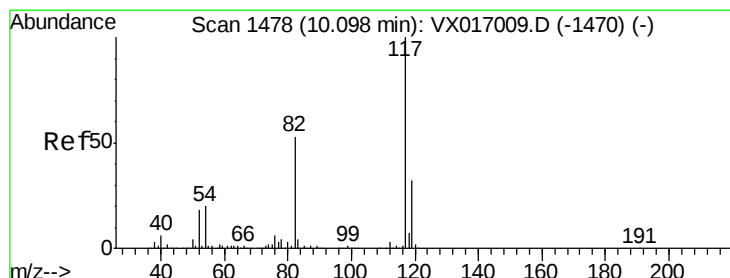
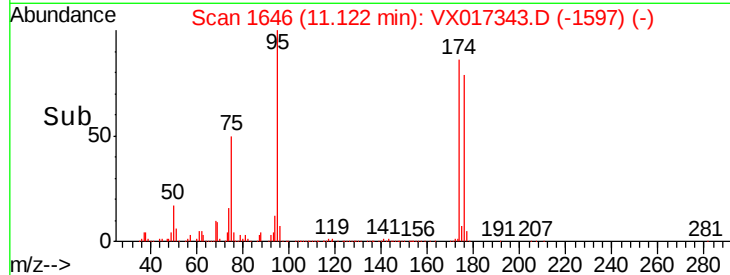
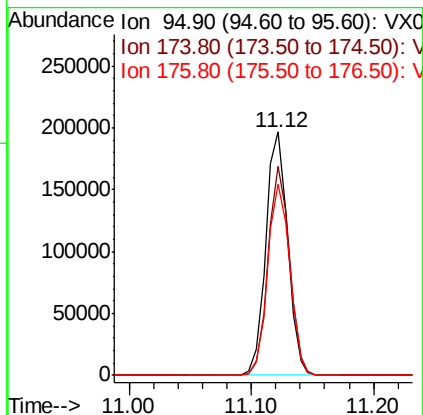
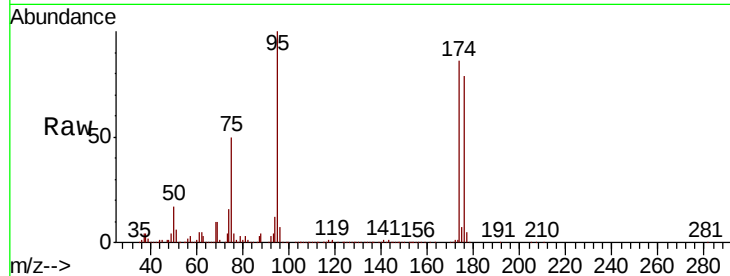




#62  
4-Bromofluorobenzene  
Concen: 61.167 ug/l  
RT: 11.12 min Scan# 1646  
Delta R.T. -0.00 min  
Lab File: VX017343.D  
Acq: 10 Jul 2020 18:13

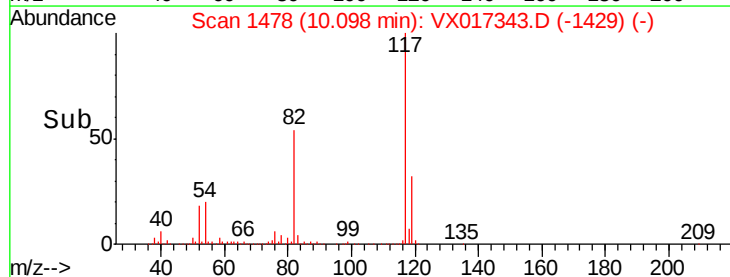
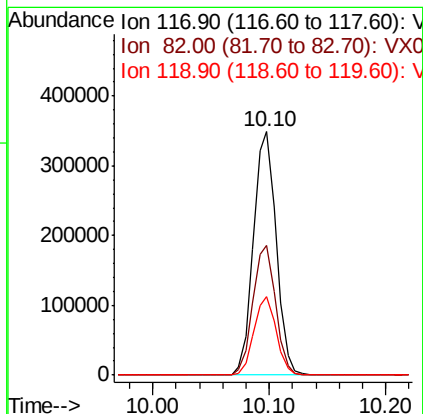
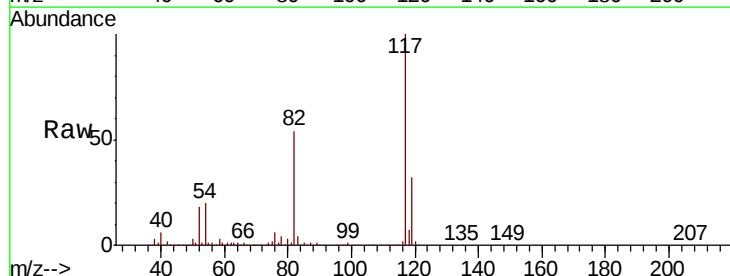
Instrument :  
MSVOA\_X  
ClientSampleId :  
BUR-DRUM-COMP

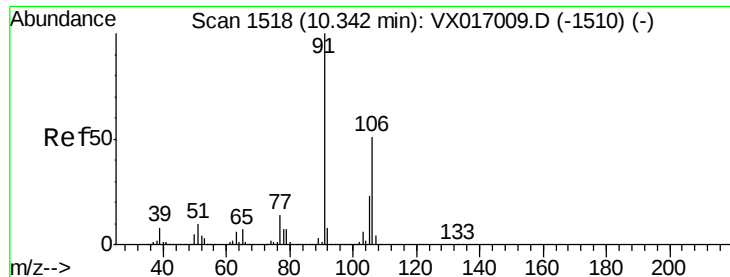
Tot Ion: 95 Resp: 244591  
Ion Ratio Lower Upper  
95 100  
174 84.4 0.0 164.0  
176 79.9 0.0 157.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX017343.D  
Acq: 10 Jul 2020 18:13

Tgt Ion: 117 Resp: 476618  
Ion Ratio Lower Upper  
117 100  
82 53.5 42.6 63.8  
119 32.2 25.4 38.2





#68

m/p-Xvlenes

Concen: 1.554 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017343.D

Acq: 10 Jul 2020 18:13

Instrument :

MSVOA\_X

ClientSampleId :

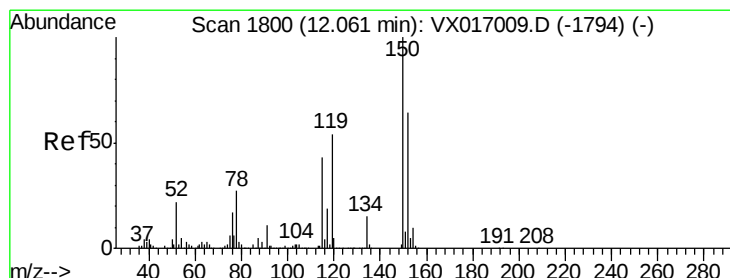
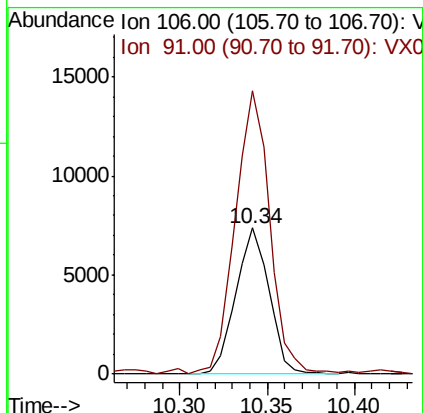
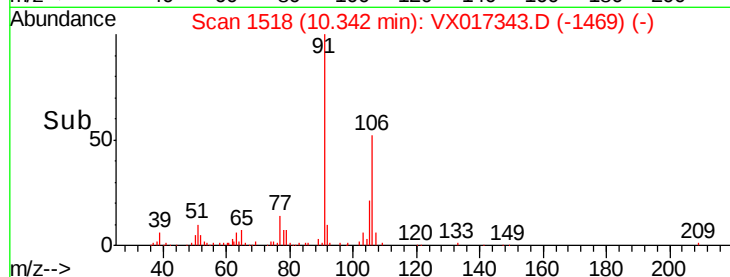
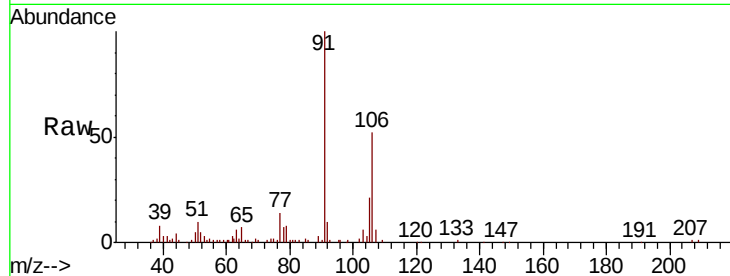
BUR-DRUM-COMP

Tot Ion:106 Resp: 9805

Ion Ratio Lower Upper

106 100

91 200.5 158.6 238.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017343.D

Acq: 10 Jul 2020 18:13

Tgt Ion:152 Resp: 258841

Ion Ratio Lower Upper

152 100

115 57.7 40.9 122.7

150 158.6 0.0 351.6

