

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050820\  
 Data File : VX016131.D  
 Acq On : 08 May 2020 19:05  
 Operator : JC/SP  
 Sample : L2554-02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 DRUM-1-7

Quant Time: May 09 07:20:23 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 06 06:43:32 2020  
 Response via : Initial Calibration

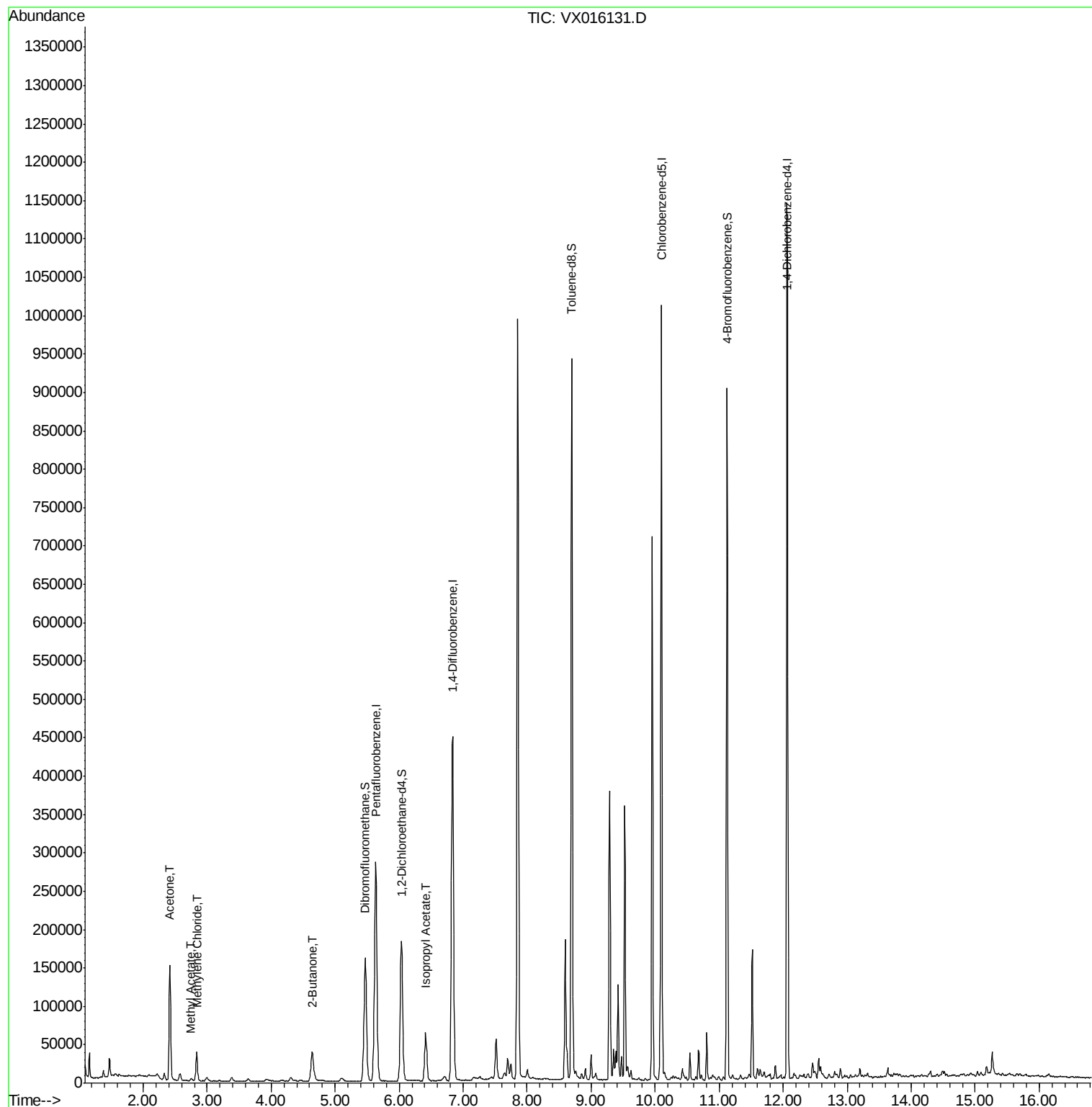
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 5.63  | 168  | 274126   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.84  | 114  | 455396   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.10 | 117  | 446913   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.07 | 152  | 231670   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.04  | 65   | 172779   | 47.90  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 95.80%  |          |
| 35) Dibromofluoromethane    | 5.47  | 113  | 137180   | 47.55  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 95.10%  |          |
| 50) Toluene-d8              | 8.70  | 98   | 566157   | 50.93  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 101.86% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 227688   | 53.85  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 107.70% |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 2.42  | 43   | 155230   | 96.446 | ug/l    | 100      |
| 18) Methyl Acetate          | 2.75  | 43   | 5011     | 1.266  | ug/l    | 95       |
| 20) Methylene Chloride      | 2.84  | 84   | 16697    | 5.032  | ug/l    | 98       |
| 25) 2-Butanone              | 4.64  | 43   | 58203    | 22.441 | ug/l    | 98       |
| 43) Isopropyl Acetate       | 6.42  | 43   | 80951    | 9.765  | ug/l    | 100      |

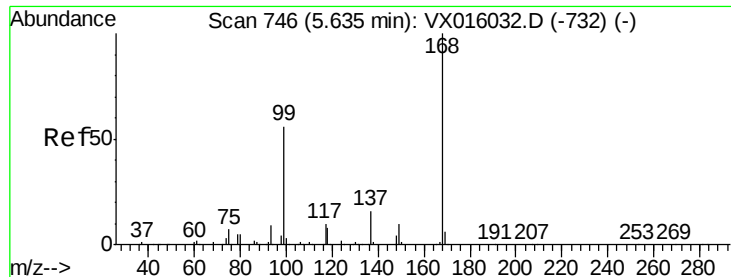
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050820\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 06 06:43:32 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016131.D

Acq: 08 May 2020 19:05

Instrument :

MSVOA\_X

ClientSampleId :

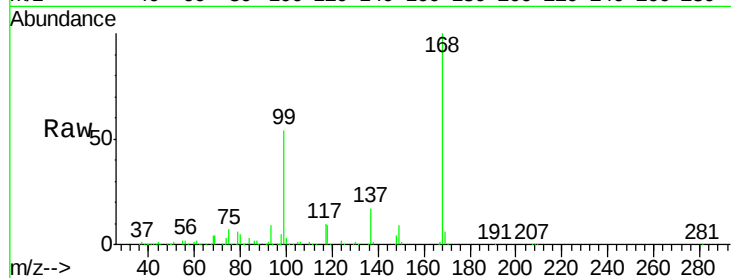
DRUM-1-7

Tot Ion:168 Resp: 274126

Ion Ratio Lower Upper

168 100

99 54.2 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

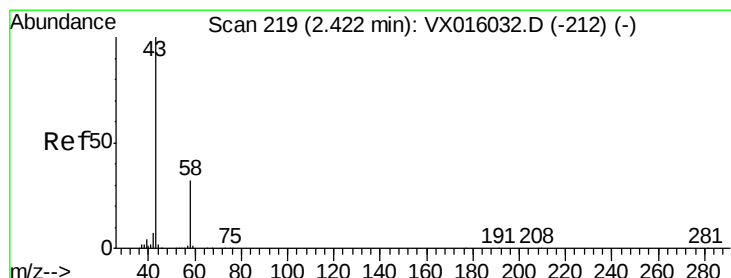
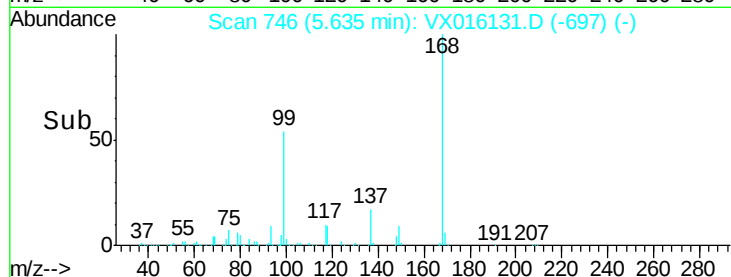
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 96.446 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016131.D

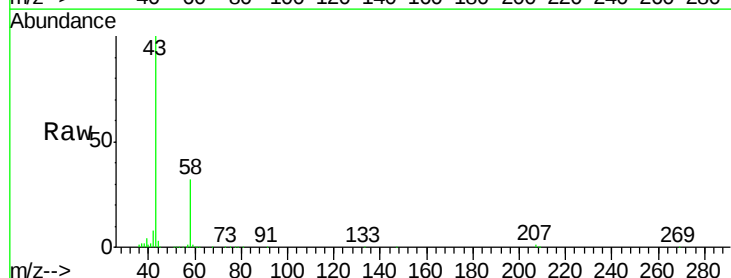
Acq: 08 May 2020 19:05

Tgt Ion: 43 Resp: 155230

Ion Ratio Lower Upper

43 100

58 31.7 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

100000

80000

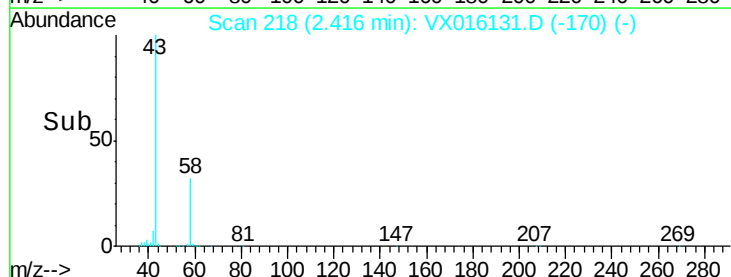
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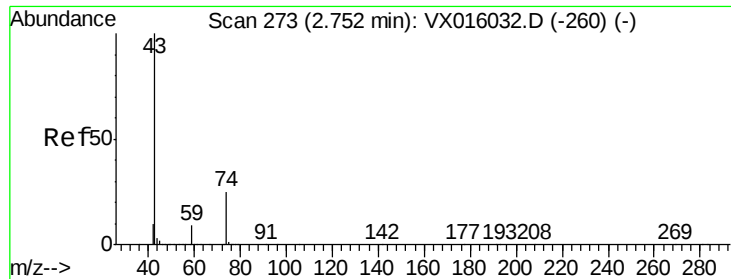
40000

20000

0

Time--> 2.30 2.40 2.50

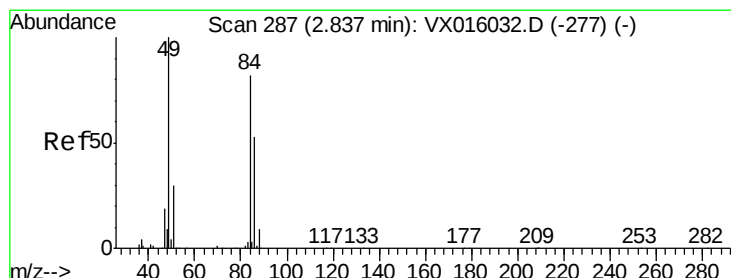
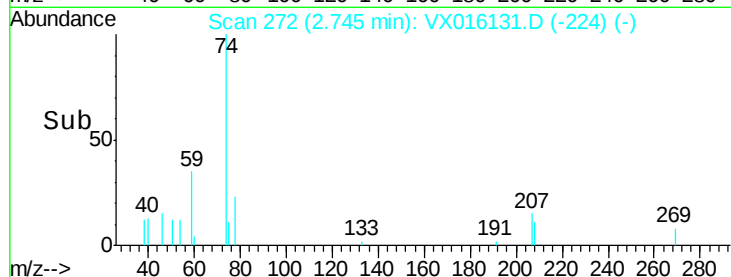
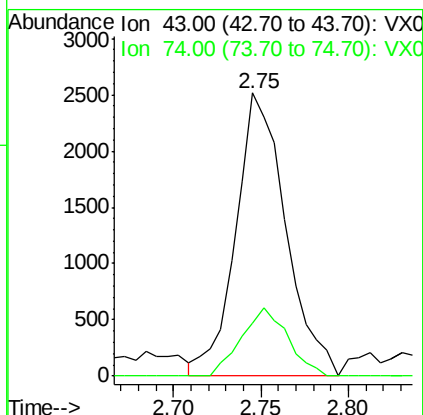
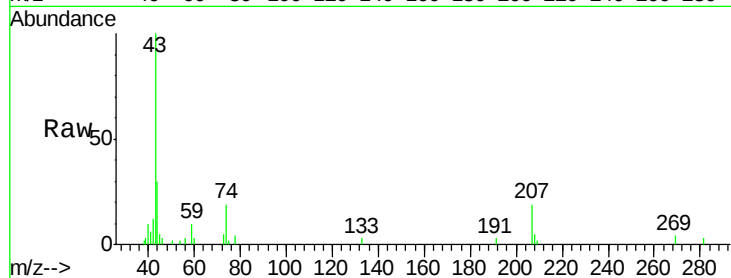




#18  
Methyl Acetate  
Concen: 1.266 ug/l  
RT: 2.75 min Scan# 272  
Delta R.T. -0.01 min  
Lab File: VX016131.D  
Acq: 08 May 2020 19:05

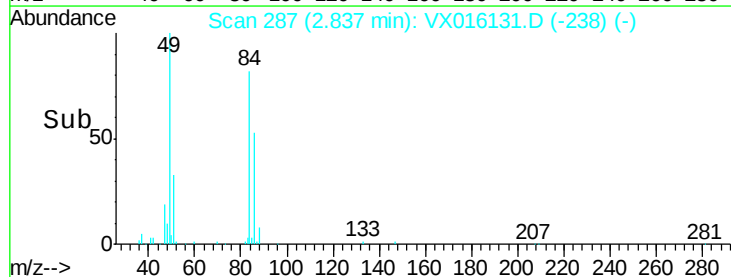
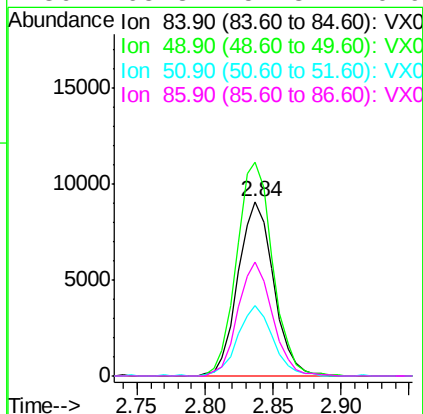
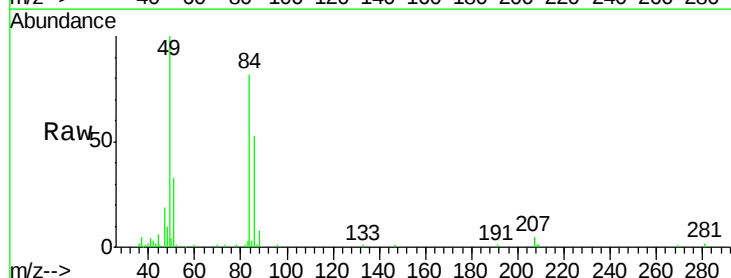
Instrument :  
MSVOA\_X  
ClientSampleId :  
DRUM-1-7

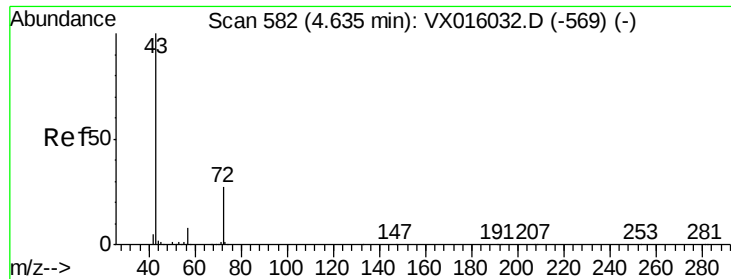
Tot Ion: 43 Resp: 5011  
Ion Ratio Lower Upper  
43 100  
74 22.5 20.2 30.2



#20  
Methylene Chloride  
Concen: 5.032 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. -0.00 min  
Lab File: VX016131.D  
Acq: 08 May 2020 19:05

Tgt Ion: 84 Resp: 16697  
Ion Ratio Lower Upper  
84 100  
49 122.2 97.3 145.9  
51 40.5 29.3 43.9  
86 65.3 51.3 76.9

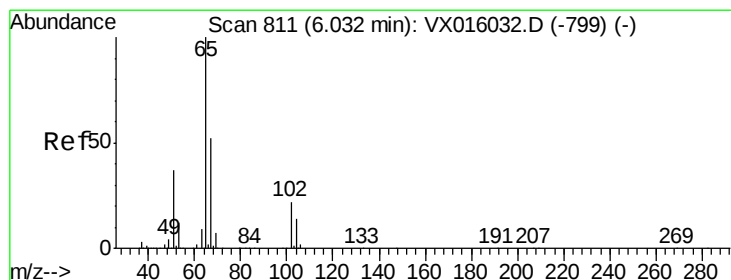
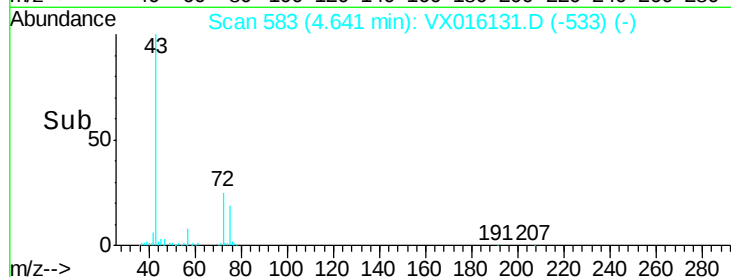
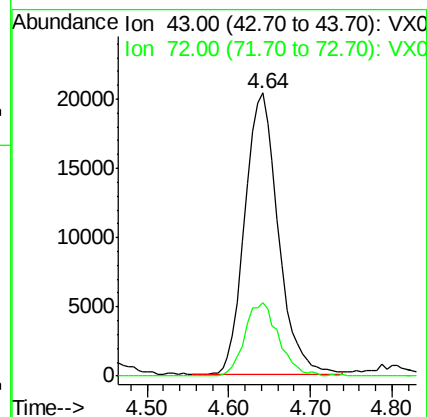
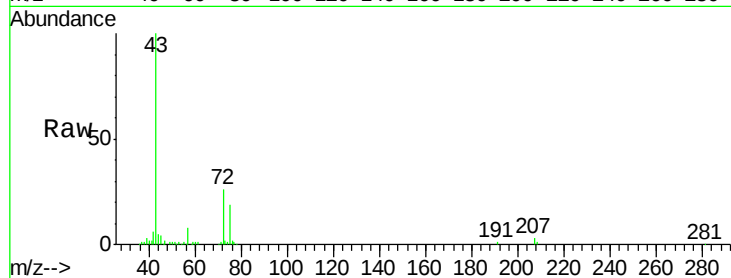




#25  
2-Butanone  
Concen: 22.441 ug/l  
RT: 4.64 min Scan# 583  
Delta R.T. 0.01 min  
Lab File: VX016131.D  
Acq: 08 May 2020 19:05

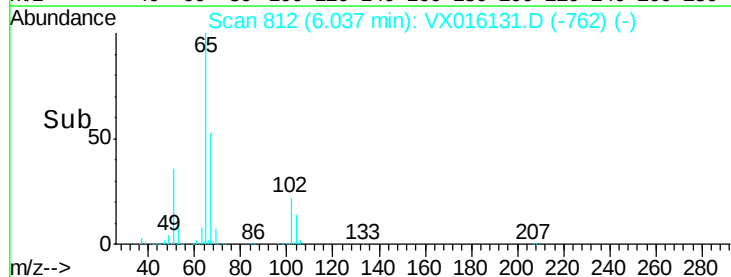
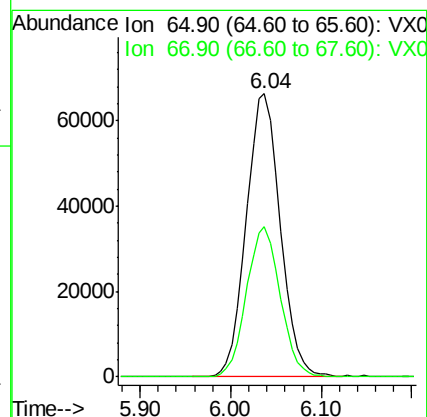
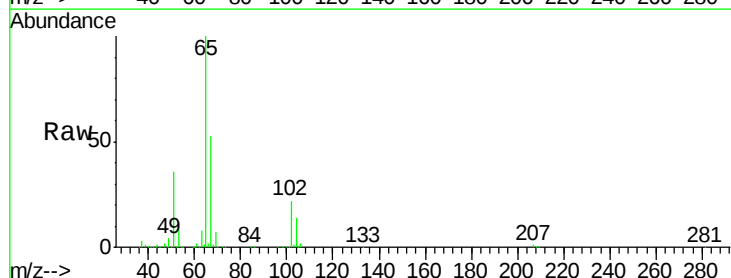
Instrument :  
MSVOA\_X  
ClientSampleId :  
DRUM-1-7

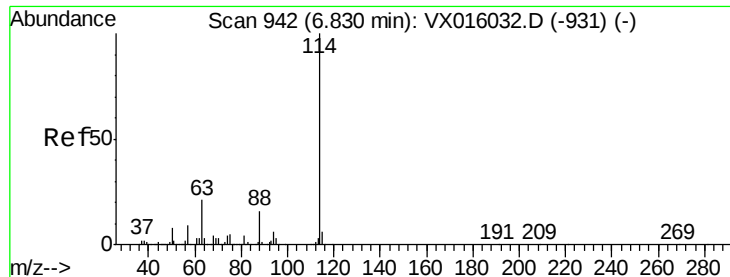
Tot Ion: 43 Resp: 58203  
Ion Ratio Lower Upper  
43 100  
72 26.2 21.8 32.8



#33  
1,2-Dichloroethane-d4  
Concen: 47.898 ug/l  
RT: 6.04 min Scan# 812  
Delta R.T. 0.01 min  
Lab File: VX016131.D  
Acq: 08 May 2020 19:05

Tgt Ion: 65 Resp: 172779  
Ion Ratio Lower Upper  
65 100  
67 52.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016131.D

Acq: 08 May 2020 19:05

Instrument :

MSVOA\_X

ClientSampleId :

DRUM-1-7

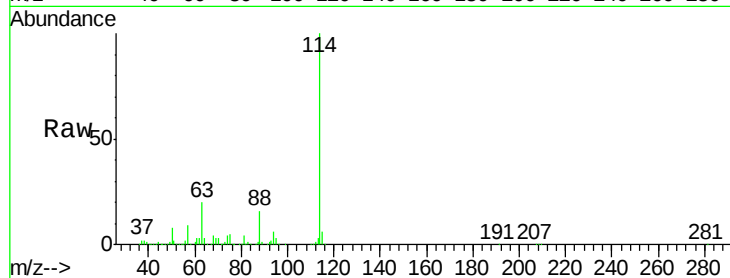
Tot Ion:114 Resp: 455396

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.8

88 15.9 0.0 31.4



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

250000

200000

150000

100000

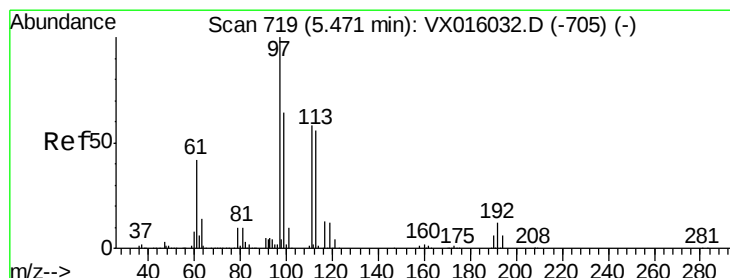
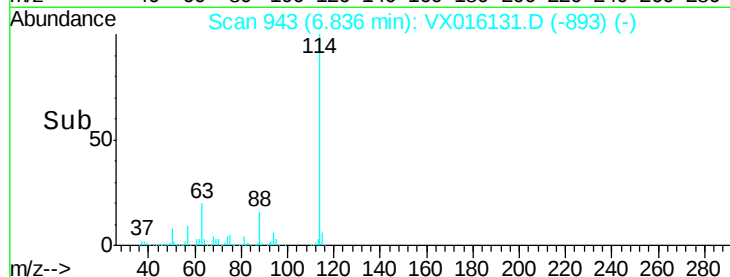
50000

0

6.84

6.70 6.80 6.90

Time-->



#35

Dibromofluoromethane

Concen: 47.547 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016131.D

Acq: 08 May 2020 19:05

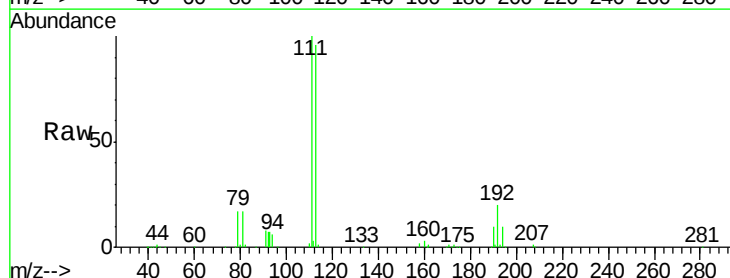
Tgt Ion:113 Resp: 137180

Ion Ratio Lower Upper

113 100

111 104.1 81.6 122.4

192 21.5 17.0 25.4



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

60000

40000

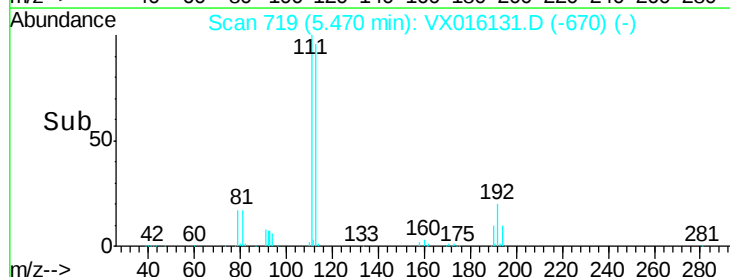
20000

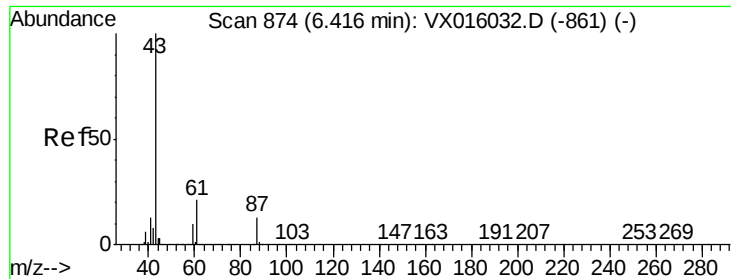
0

5.47

5.30 5.40 5.50 5.60

Time-->





#43

Isopropyl Acetate

Concen: 9.765 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016131.D

Acq: 08 May 2020 19:05

Instrument :

MSVOA\_X

ClientSampleId :

DRUM-1-7

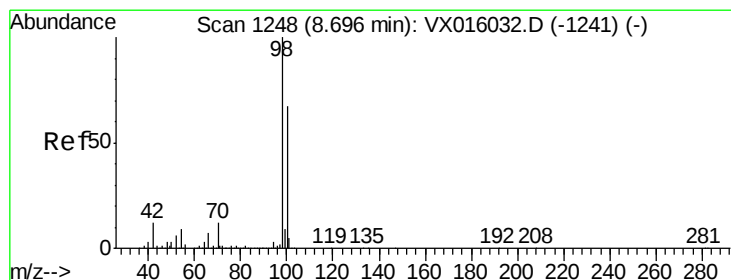
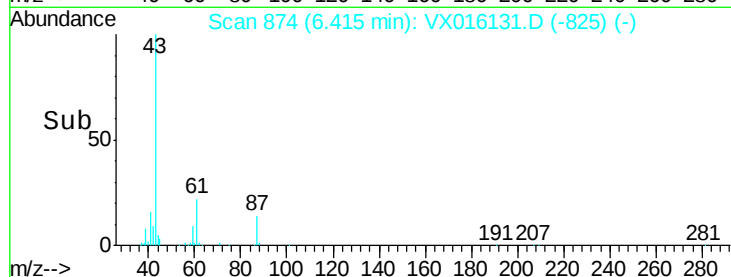
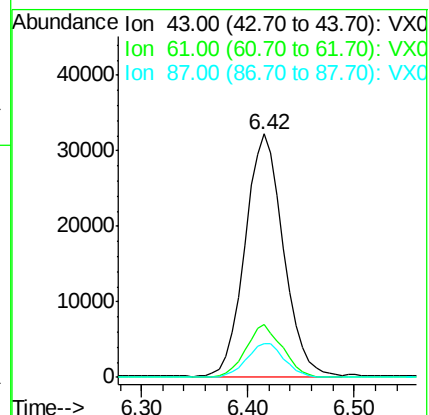
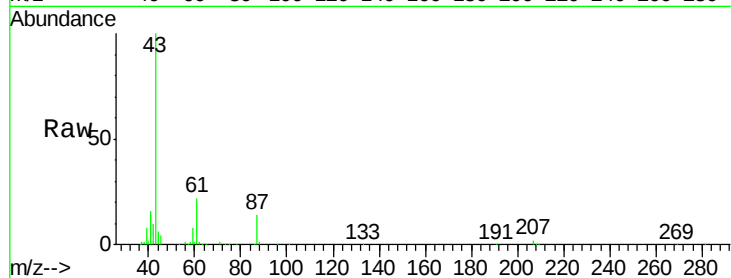
Tot Ion: 43 Resp: 80951

Ion Ratio Lower Upper

43 100

61 21.1 17.0 25.4

87 13.8 11.0 16.6



#50

Toluene-d8

Concen: 50.929 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016131.D

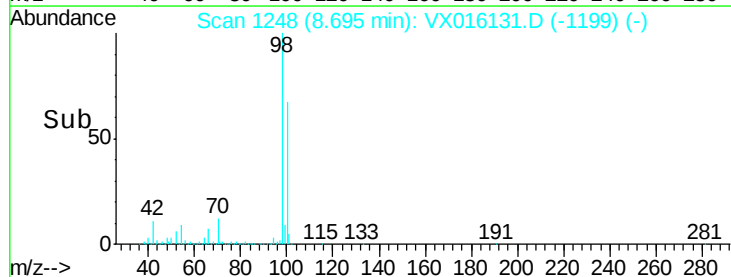
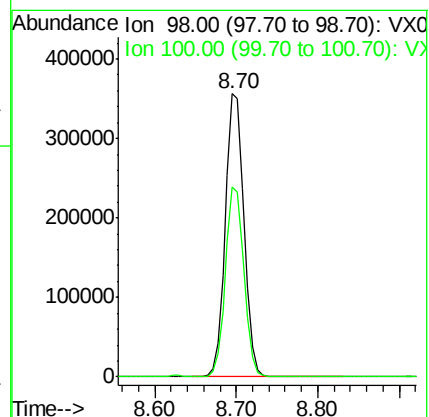
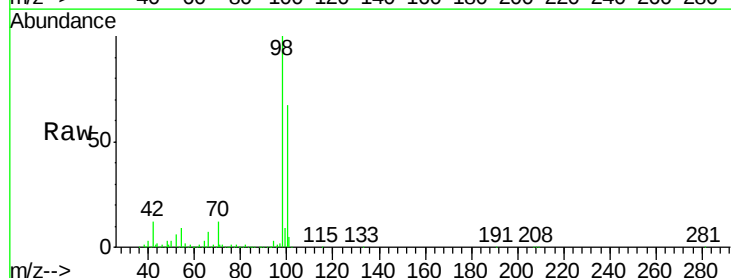
Acq: 08 May 2020 19:05

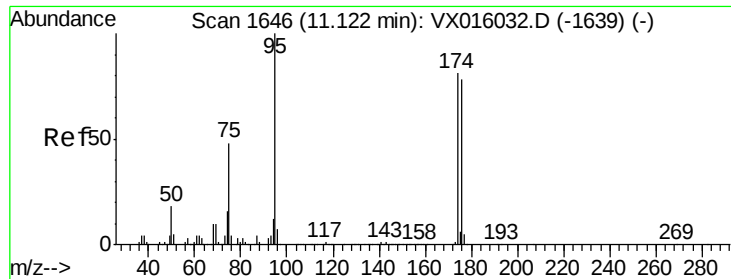
Tgt Ion: 98 Resp: 566157

Ion Ratio Lower Upper

98 100

100 66.8 53.7 80.5

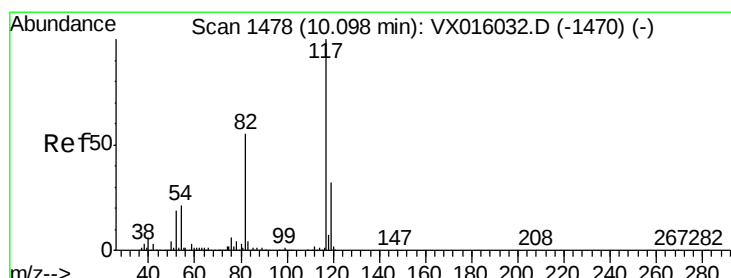
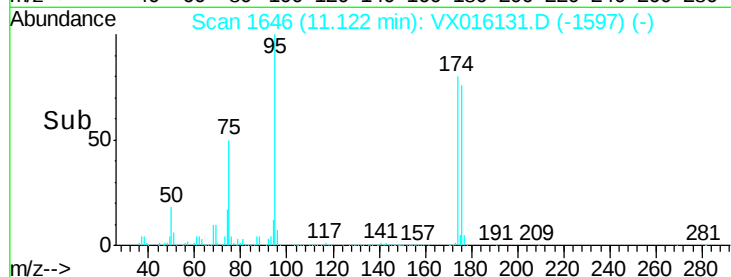
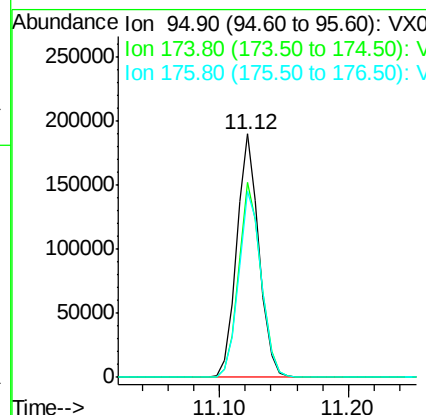
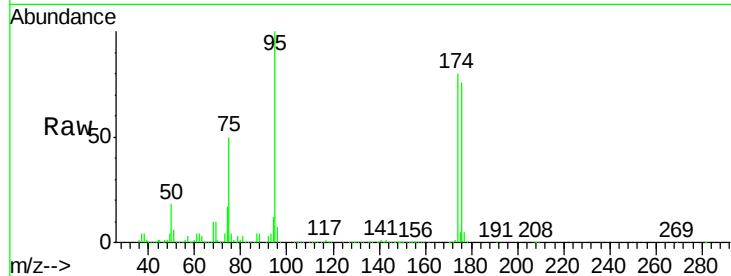




#62  
4-Bromofluorobenzene  
Concen: 53.850 ug/l  
RT: 11.12 min Scan# 1646  
Delta R.T. -0.00 min  
Lab File: VX016131.D  
Acq: 08 May 2020 19:05

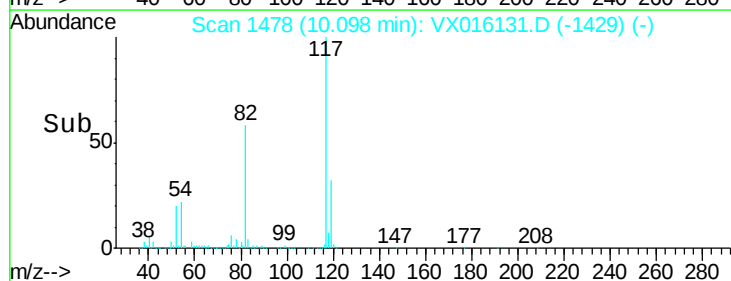
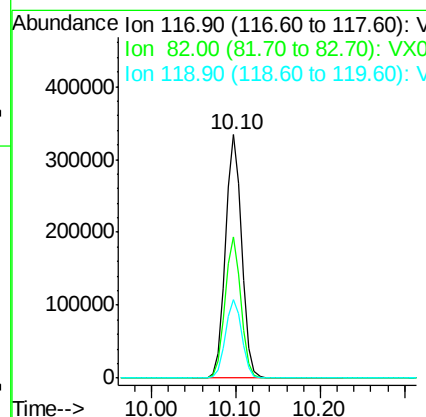
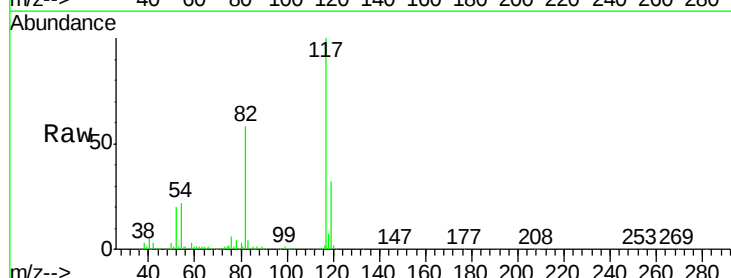
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MSVOA\_X  
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DRUM-1-7

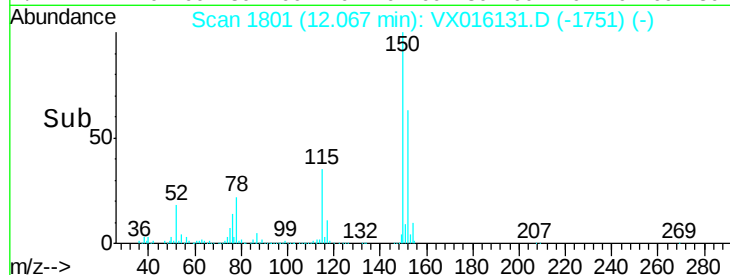
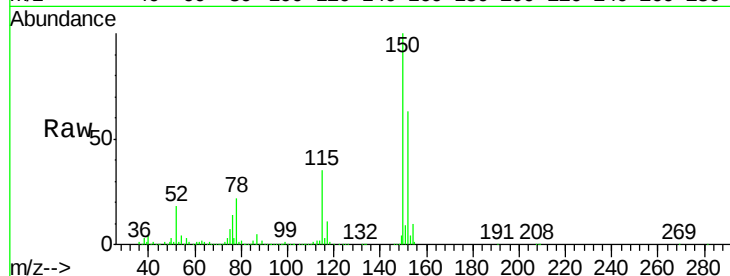
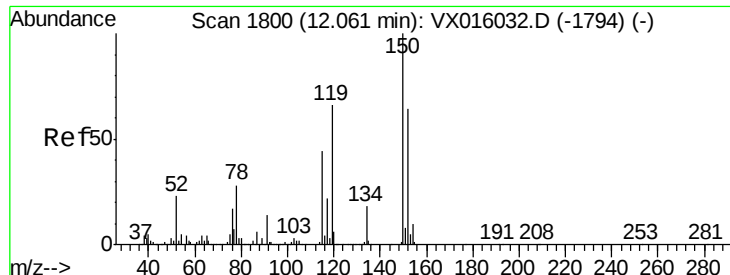
Tot Ion: 95 Resp: 227688  
Ion Ratio Lower Upper  
95 100  
174 80.4 0.0 159.4  
176 78.4 0.0 157.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX016131.D  
Acq: 08 May 2020 19:05

Tgt Ion: 117 Resp: 446913  
Ion Ratio Lower Upper  
117 100  
82 57.8 44.4 66.6  
119 32.4 25.5 38.3





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.07 min Scan# 1801  
 Delta R.T. 0.01 min  
 Lab File: VX016131.D  
 Acq: 08 May 2020 19:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 DRUM-1-7

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 59.3  | 41.3  | 124.1 |
| 150     | 159.6 | 0.0   | 352.2 |

