

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081218\  
 Data File : VW004584.D  
 Acq On : 10 Aug 2018 06:17  
 Operator : SY/AP  
 Sample : J4393-01  
 Misc : 11.44G/5ML/MSVOA W/SOIL  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 JTY-SB-01-7-9

Quant Time: Aug 10 08:11:13 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W080618S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 07 08:22:01 2018  
 Response via : Initial Calibration

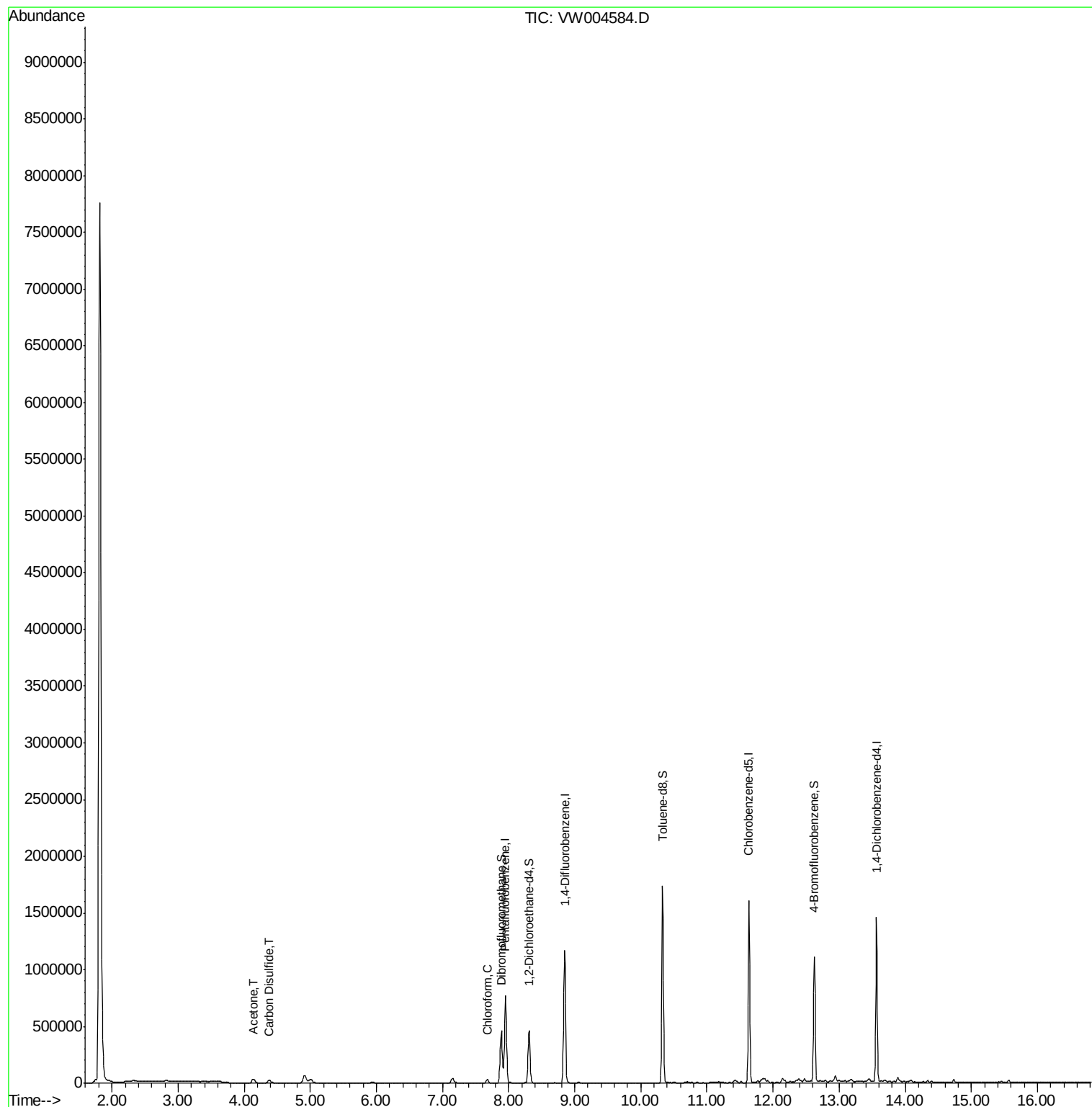
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 7.95  | 168  | 569426   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.85  | 114  | 971324   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 900693   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.57 | 152  | 383718   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 360100   | 57.13 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 114.26% |          |
| 35) Dibromofluoromethane    | 7.89  | 113  | 338741   | 52.30 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 104.60% |          |
| 50) Toluene-d8              | 10.33 | 98   | 1145692  | 46.40 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 92.80%  |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 370469   | 41.65 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 83.30%  |          |
| Target Compounds            |       |      |          |       |         |          |
| 16) Acetone                 | 4.14  | 43   | 65864    | 41.84 | ug/l    | 97       |
| 17) Carbon Disulfide        | 4.38  | 76   | 59000    | 2.94  | ug/l    | 98       |
| 30) Chloroform              | 7.68  | 83   | 28040    | 2.31  | ug/l    | 87       |

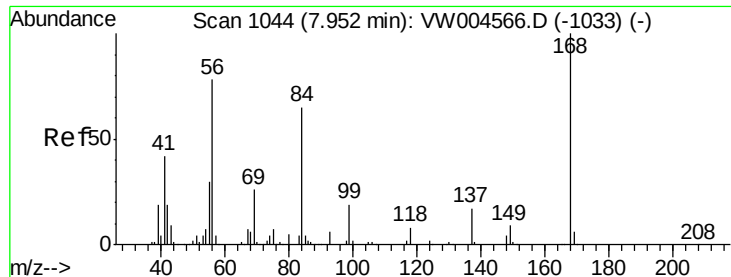
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 07 08:22:01 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004584.D

Acq: 10 Aug 2018 06:17

Instrument :

MSVOA\_W

ClientSampleId :

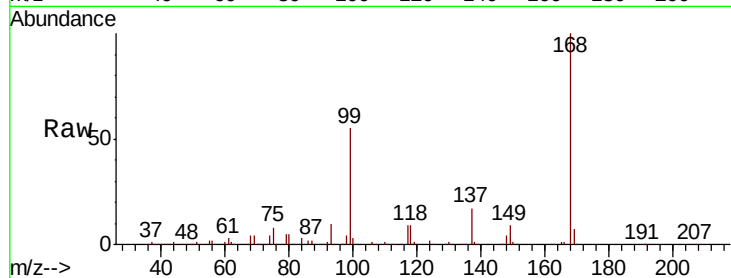
JTY-SB-01-7-9

Tot Ion:168 Resp: 569426

Ion Ratio Lower Upper

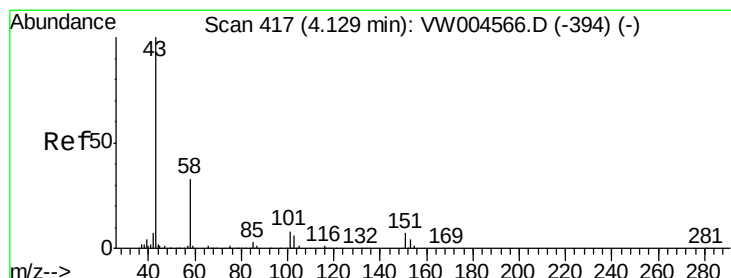
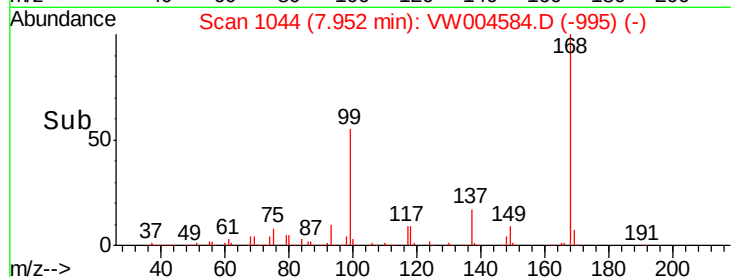
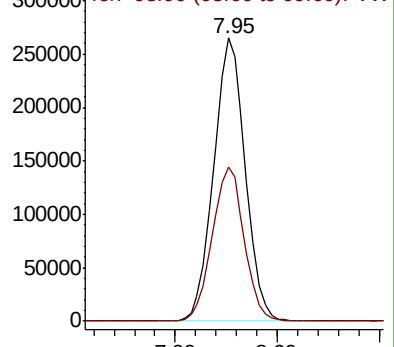
168 100

99 54.6 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 41.84 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW004584.D

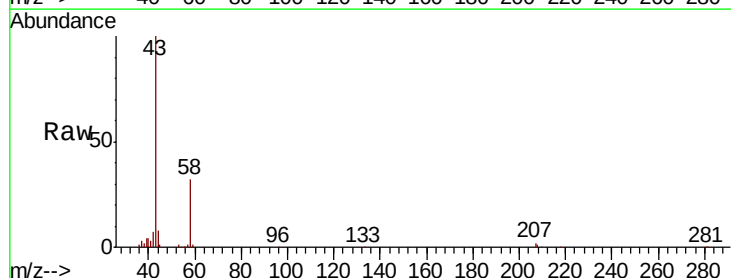
Acq: 10 Aug 2018 06:17

Tgt Ion: 43 Resp: 65864

Ion Ratio Lower Upper

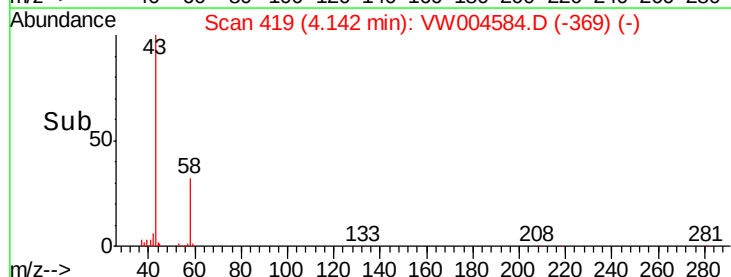
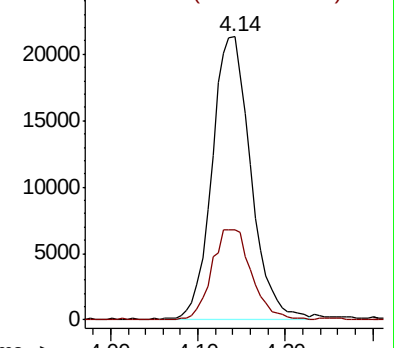
43 100

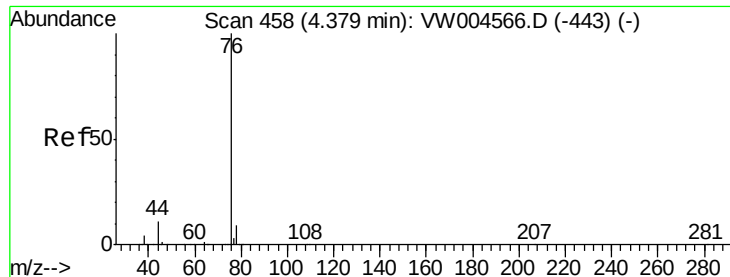
58 31.8 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 2.94 ug/l

RT: 4.38 min Scan# 458

Delta R.T. 0.00 min

Lab File: VW004584.D

Acq: 10 Aug 2018 06:17

Instrument :

MSVOA\_W

ClientSampleId :

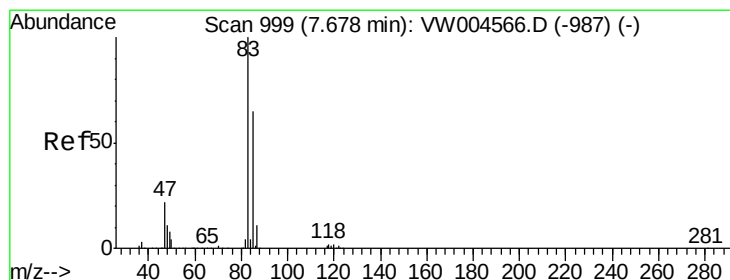
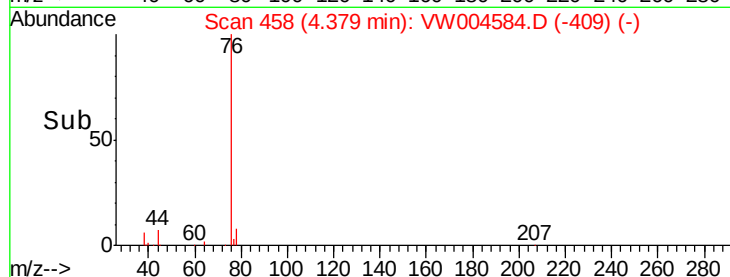
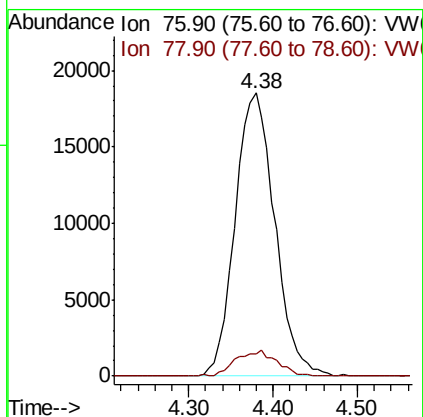
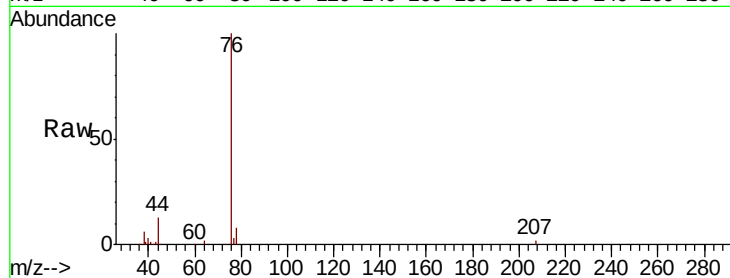
JTY-SB-01-7-9

Tot Ion: 76 Resp: 59000

Ion Ratio Lower Upper

76 100

78 8.0 7.0 10.4



#30

Chloroform

Concen: 2.31 ug/l

RT: 7.68 min Scan# 999

Delta R.T. 0.00 min

Lab File: VW004584.D

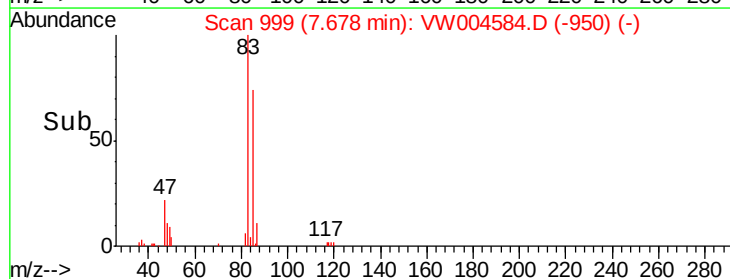
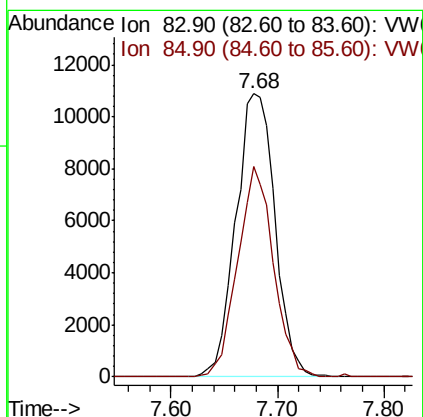
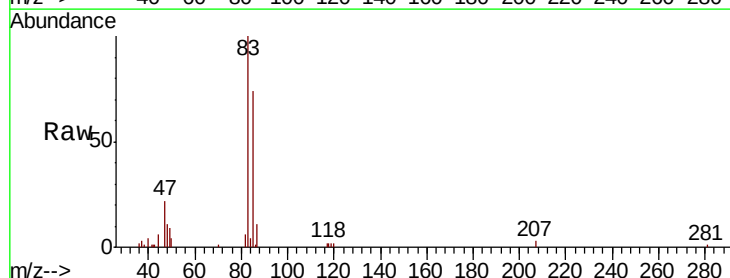
Acq: 10 Aug 2018 06:17

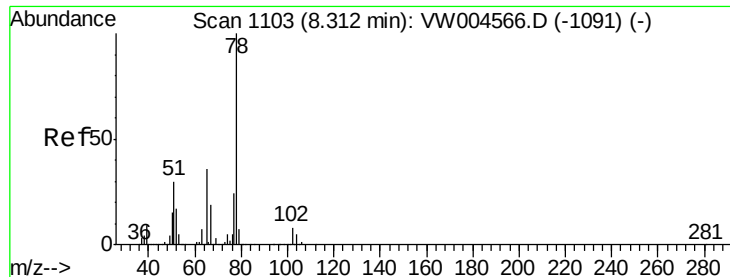
Tgt Ion: 83 Resp: 28040

Ion Ratio Lower Upper

83 100

85 74.5 51.3 76.9





#33

1,2-Dichloroethane-d4

Concen: 57.13 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004584.D

Acq: 10 Aug 2018 06:17

Instrument :

MSVOA\_W

ClientSampleId :

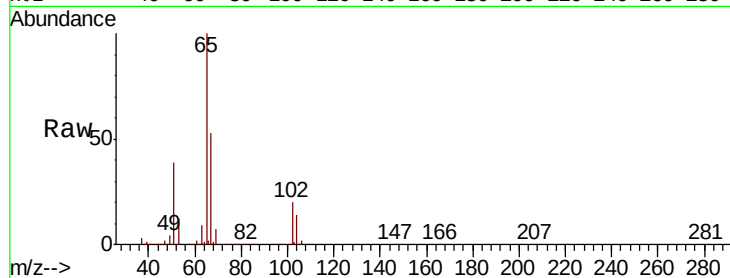
JTY-SB-01-7-9

Tot Ion: 65 Resp: 360100

Ion Ratio Lower Upper

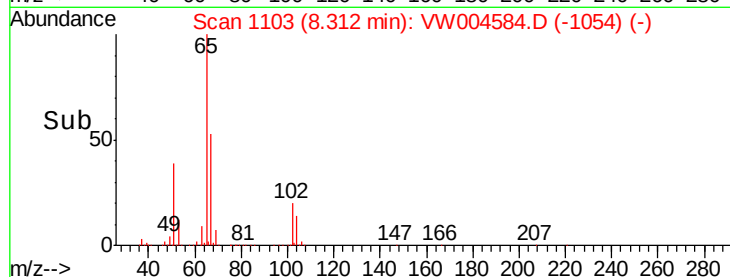
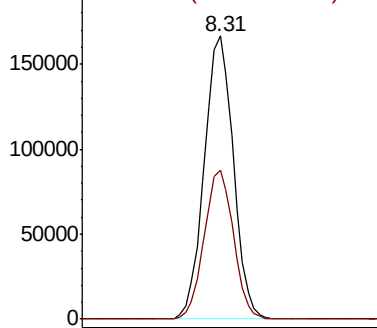
65 100

67 53.0 0.0 109.0

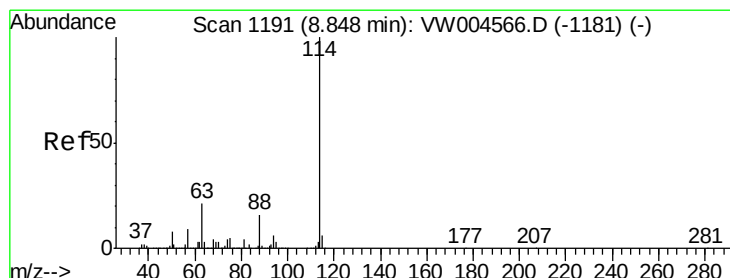


Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004584.D

Acq: 10 Aug 2018 06:17

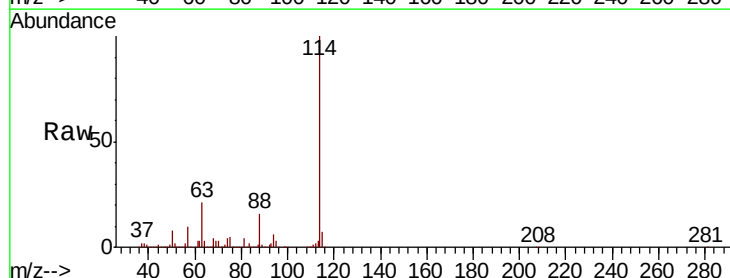
Tgt Ion: 114 Resp: 971324

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.4

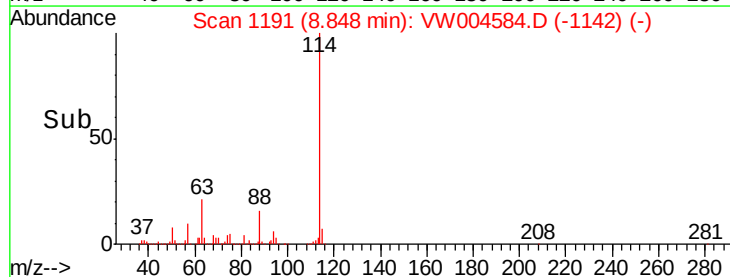
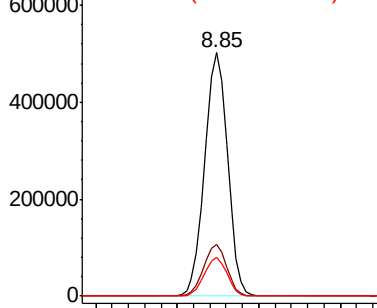
88 15.8 0.0 31.2



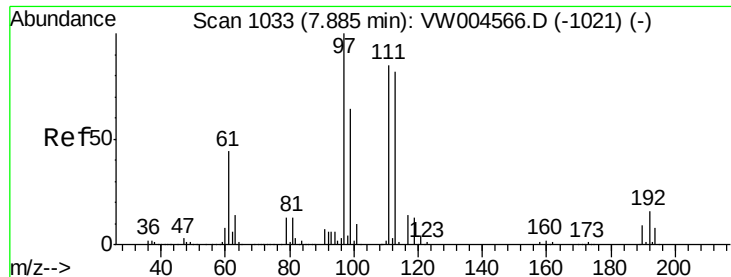
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



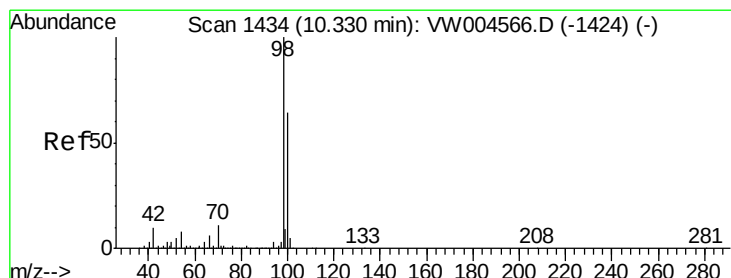
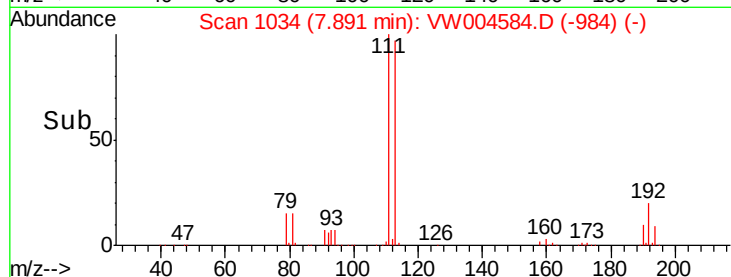
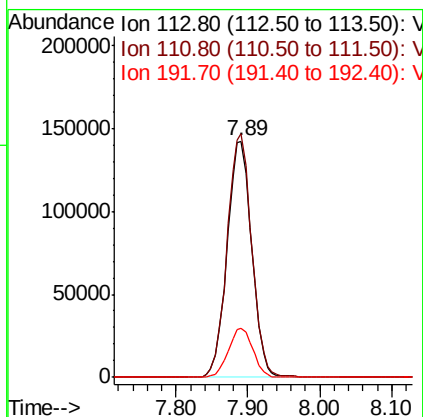
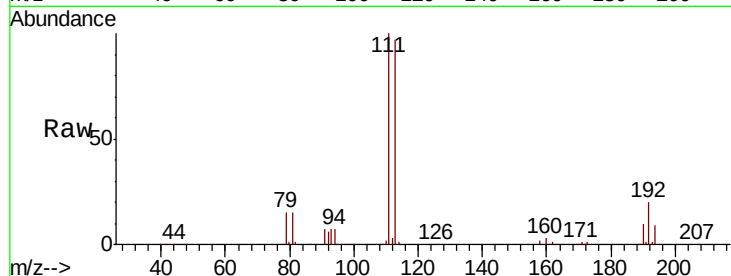
Time-->



#35  
Dibromofluoromethane  
Concen: 52.30 ug/l  
RT: 7.89 min Scan# 1034  
Delta R.T. 0.01 min  
Lab File: VW004584.D  
Acq: 10 Aug 2018 06:17

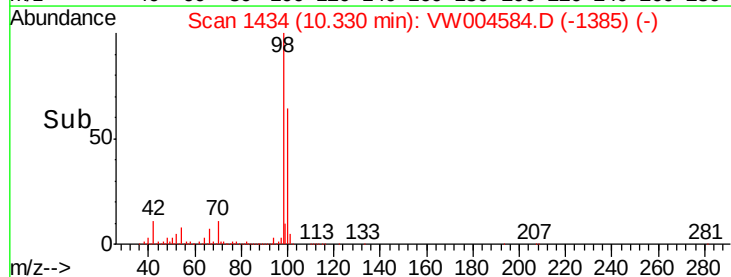
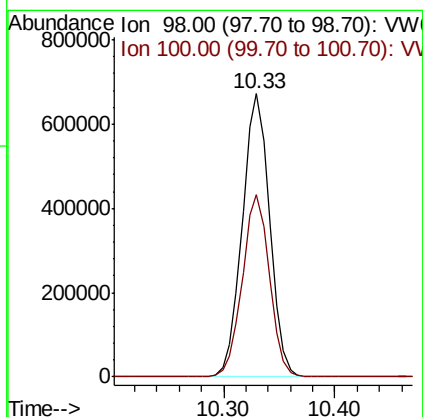
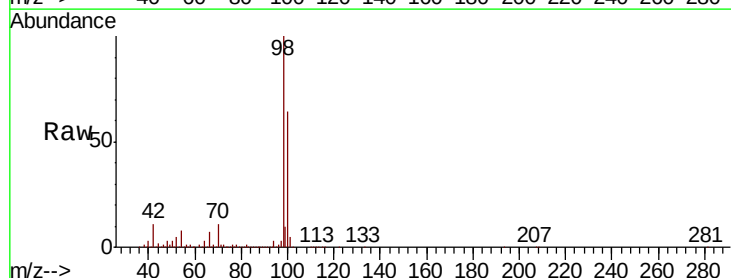
Instrument :  
MSVOA\_W  
ClientSampleId :  
JTY-SB-01-7-9

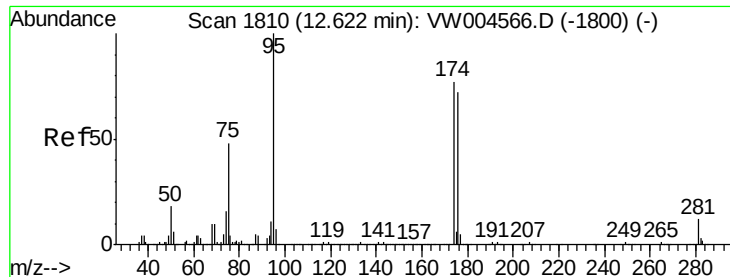
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.3 | 82.9  | 124.3 |
| 192     | 20.6  | 15.8  | 23.6  |



#50  
Toluene-d8  
Concen: 46.40 ug/l  
RT: 10.33 min Scan# 1434  
Delta R.T. 0.00 min  
Lab File: VW004584.D  
Acq: 10 Aug 2018 06:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 63.6  | 51.4  | 77.2  |

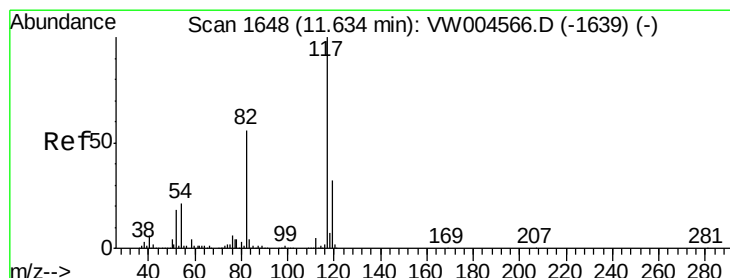
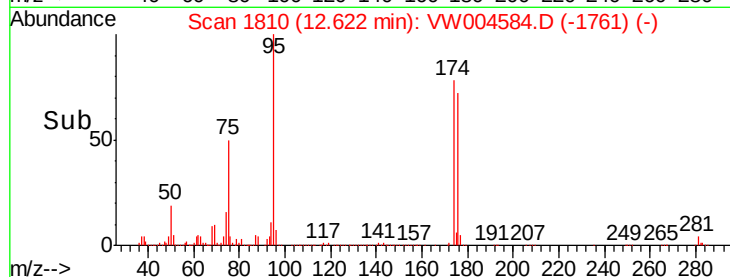
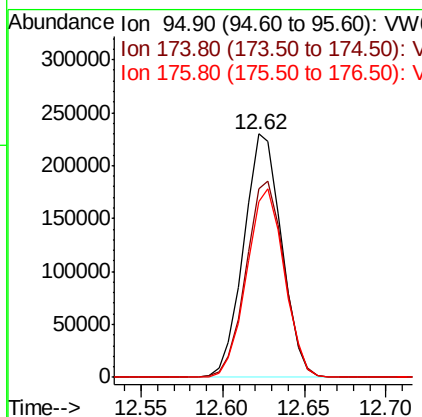
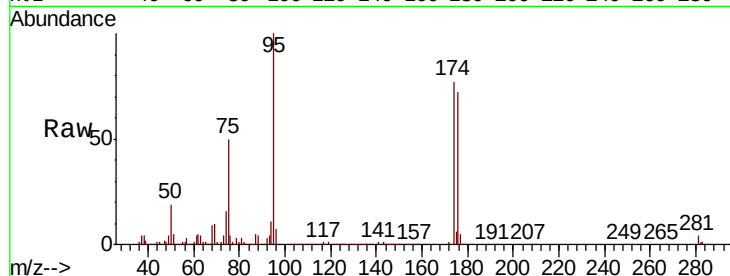




#62  
4-Bromofluorobenzene  
Concen: 41.65 ug/l  
RT: 12.62 min Scan# 1810  
Delta R.T. 0.00 min  
Lab File: VW004584.D  
Acq: 10 Aug 2018 06:17

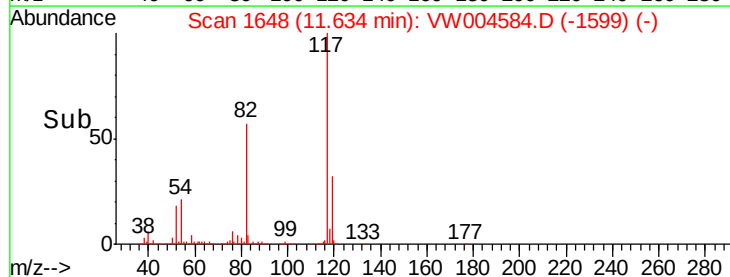
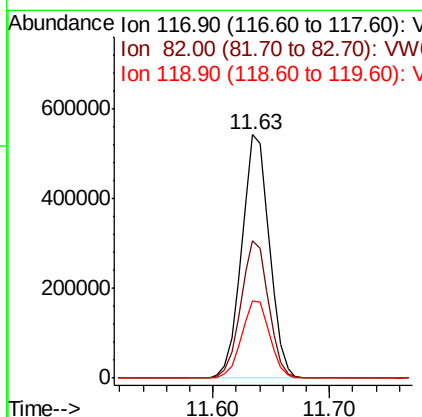
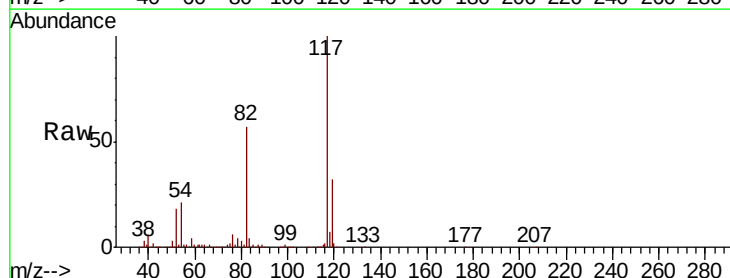
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MSVOA\_W  
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JTY-SB-01-7-9

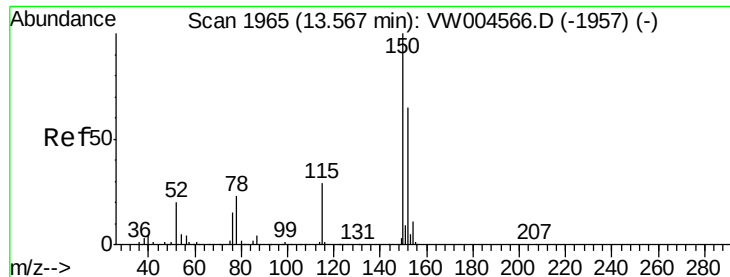
Tot Ion: 95 Resp: 370469  
Ion Ratio Lower Upper  
95 100  
174 81.8 0.0 160.4  
176 77.8 0.0 153.2



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.63 min Scan# 1648  
Delta R.T. 0.00 min  
Lab File: VW004584.D  
Acq: 10 Aug 2018 06:17

Tgt Ion: 117 Resp: 900693  
Ion Ratio Lower Upper  
117 100  
82 56.6 45.3 67.9  
119 31.5 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004584.D

Acq: 10 Aug 2018 06:17

Instrument :

MSVOA\_W

ClientSampleId :

JTY-SB-01-7-9

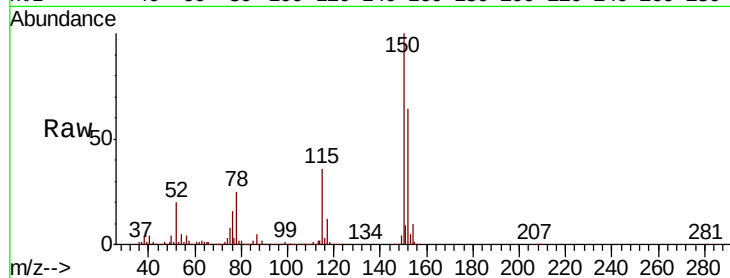
Tot Ion:152 Resp: 383718

Ion Ratio Lower Upper

152 100

115 57.4 29.1 87.3

150 155.6 0.0 349.6



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

