

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051019\  
 Data File : VW010356.D  
 Acq On : 10 May 2019 15:11  
 Operator : SY/VA  
 Sample : K2717-05  
 Misc : 6.20G/5ML/MSVOA W/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 P026-SS001-1824-01

Quant Time: May 10 23:56:56 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W050919S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 10 03:41:21 2019  
 Response via : Initial Calibration

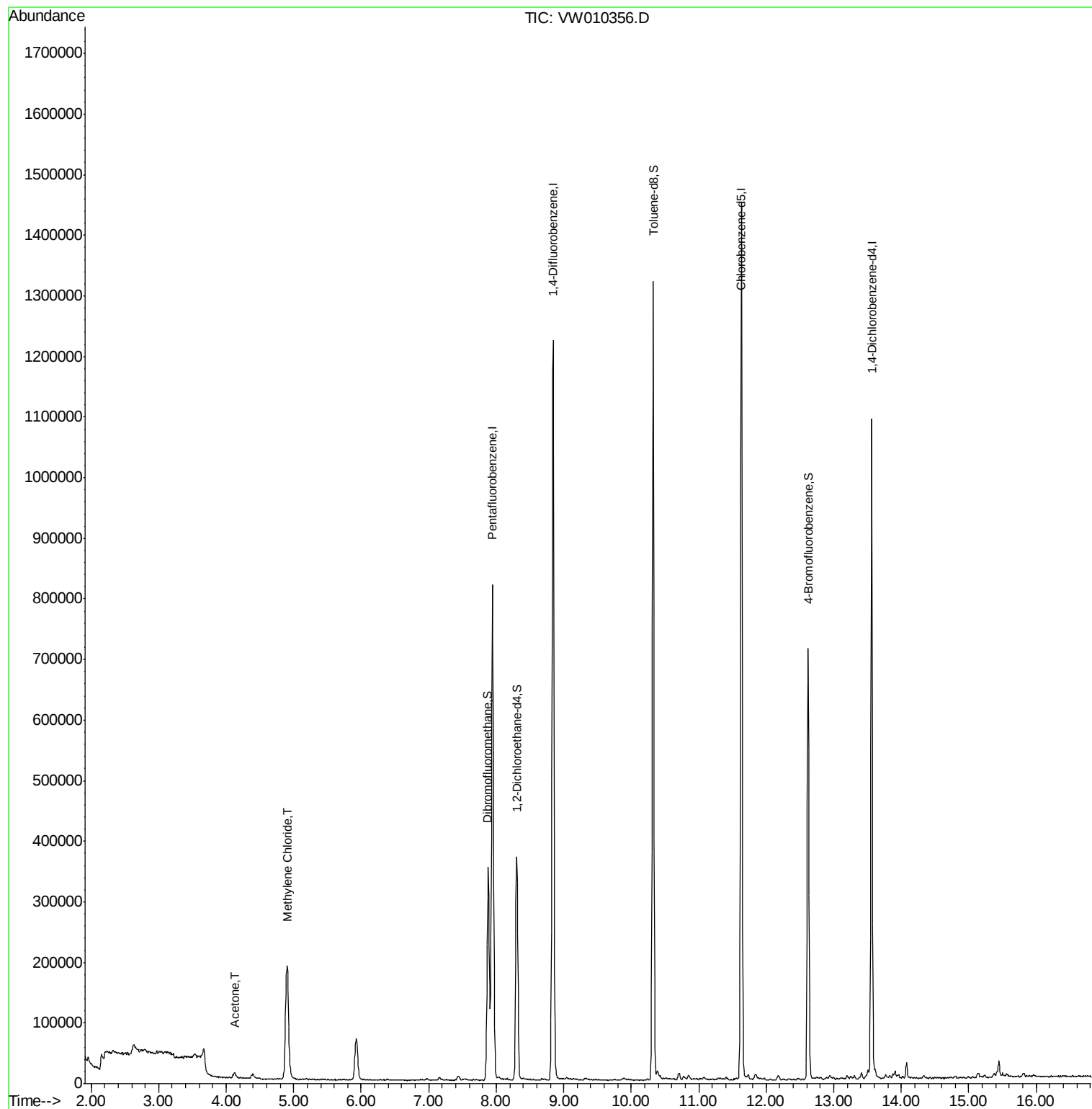
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) Pentafluorobenzene       | 7.95  | 168  | 582729   | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.84  | 114  | 979284   | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 796151   | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.56 | 152  | 270639   | 50.00  | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 294241   | 47.50  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 95.00% |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 255248   | 44.54  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 89.08% |          |
| 50) Toluene-d8              | 10.32 | 98   | 862595   | 36.97  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 73.94% |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 222954   | 27.14  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 54.28% |          |
| Target Compounds            |       |      |          |        |        |          |
| 16) Acetone                 | 4.12  | 43   | 17956    | 11.118 | ug/l   | 97       |
| 20) Methylene Chloride      | 4.90  | 84   | 143169   | 21.253 | ug/l   | 93       |

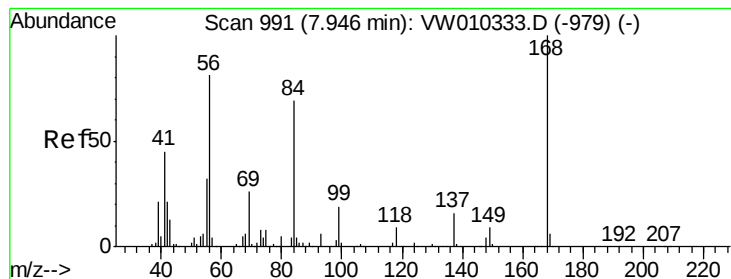
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW051019\  
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P026-SS001-1824-01

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Quant Title : SW846 8260  
QLast Update : Fri May 10 03:41:21 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010356.D

Acq: 10 May 2019 15:11

Instrument :

MSVOA\_W

ClientSampleId :

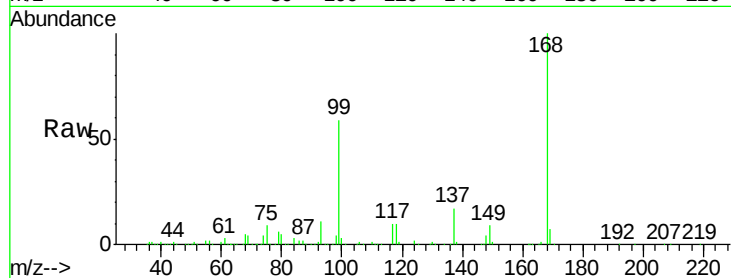
P026-SS001-1824-01

Tot Ion:168 Resp: 582729

Ion Ratio Lower Upper

168 100

99 59.3 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

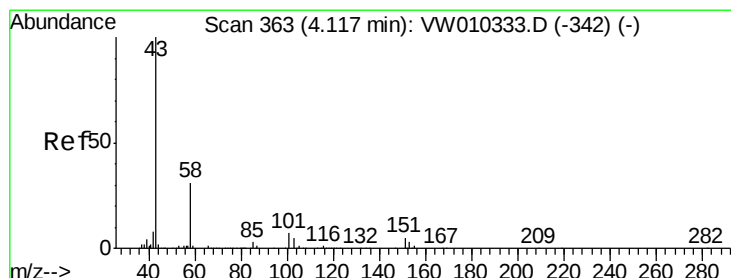
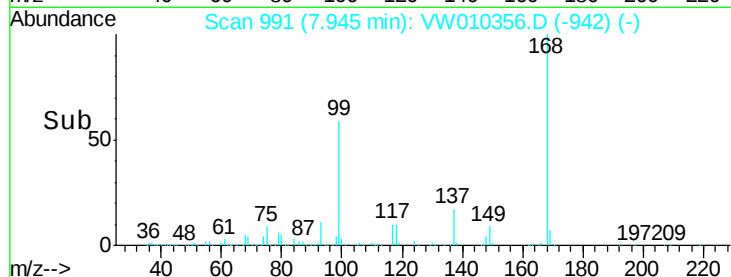
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 11.118 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010356.D

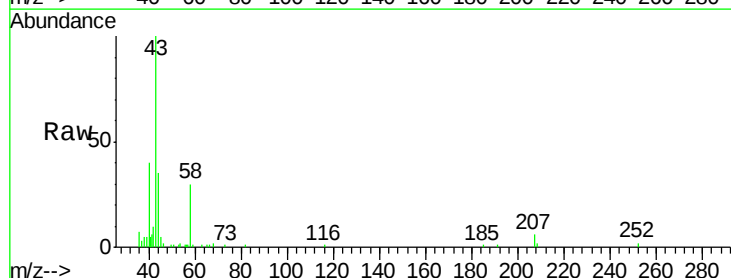
Acq: 10 May 2019 15:11

Tgt Ion: 43 Resp: 17956

Ion Ratio Lower Upper

43 100

58 30.0 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

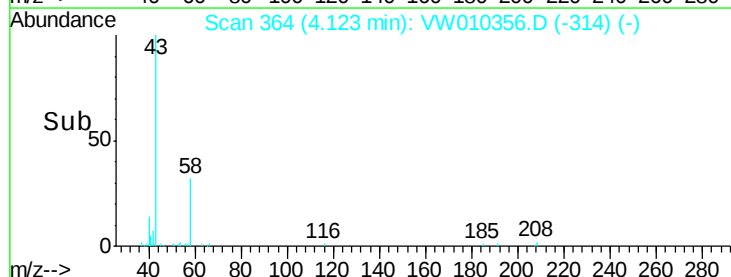
6000

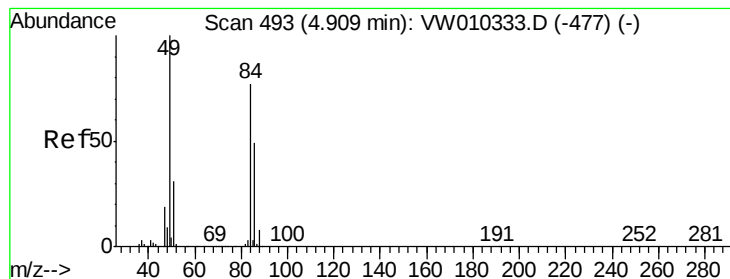
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 21.253 ug/l

RT: 4.90 min Scan# 491

Delta R.T. -0.01 min

Lab File: VW010356.D

Acq: 10 May 2019 15:11

Instrument :

MSVOA\_W

ClientSampleId :

P026-SS001-1824-01

Tot Ion: 84 Resp: 143169

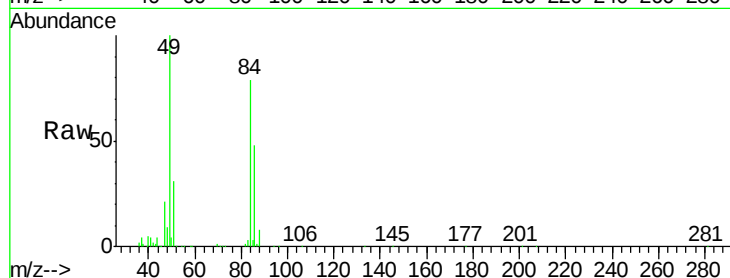
Ion Ratio Lower Upper

84 100

49 127.2 112.3 168.5

51 40.0 33.9 50.9

86 61.3 50.2 75.4

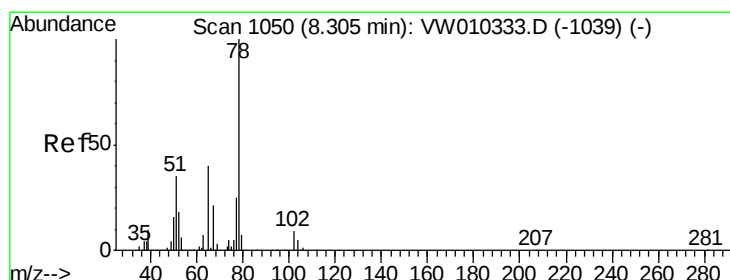
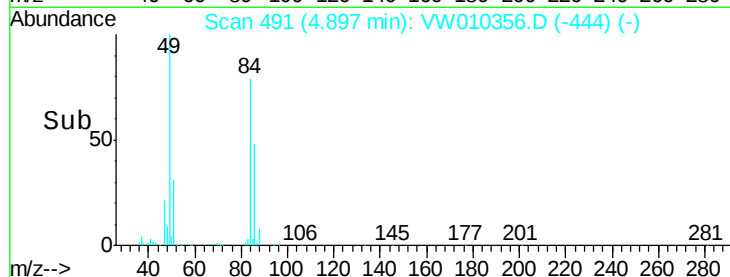
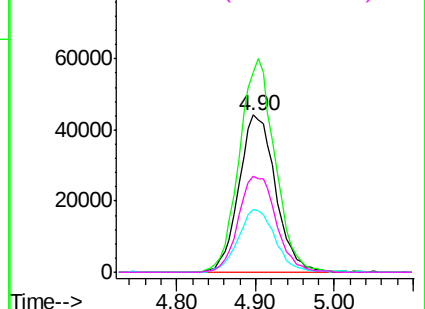


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#33

1,2-Dichloroethane-d4

Concen: 47.495 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010356.D

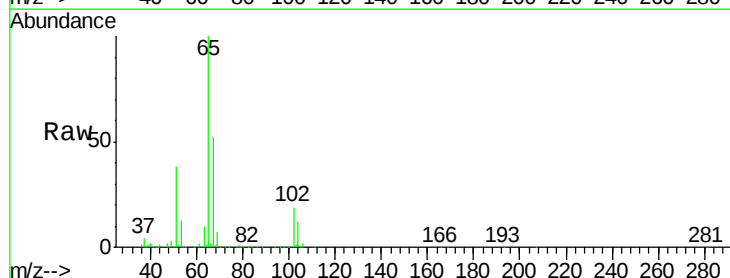
Acq: 10 May 2019 15:11

Tgt Ion: 65 Resp: 294241

Ion Ratio Lower Upper

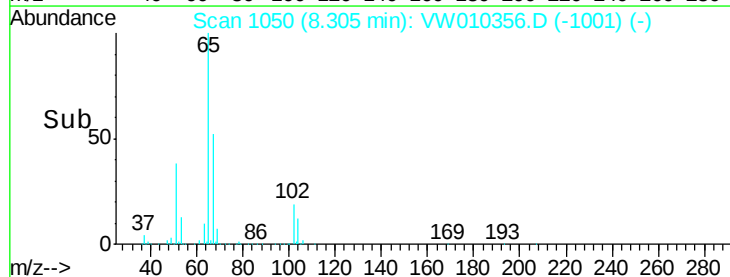
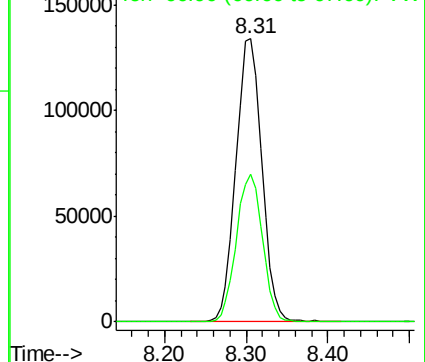
65 100

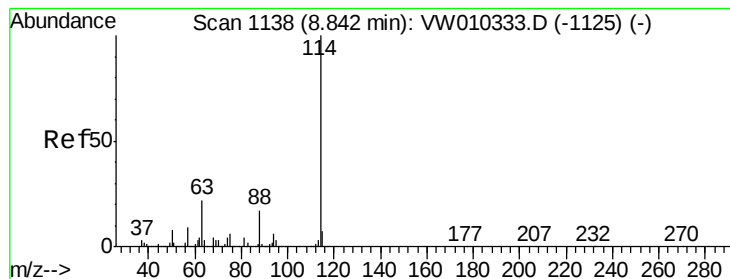
67 52.5 0.0 100.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010356.D

Acq: 10 May 2019 15:11

Instrument :

MSVOA\_W

ClientSampleId :

P026-SS001-1824-01

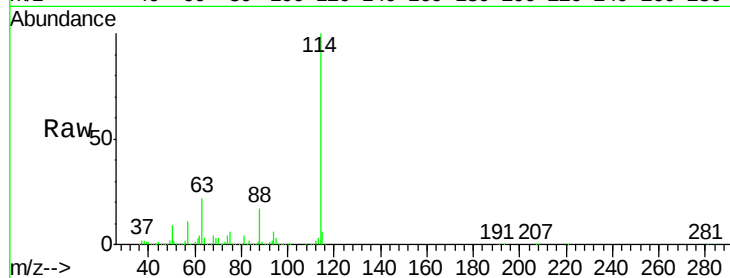
Tot Ion:114 Resp: 979284

Ion Ratio Lower Upper

114 100

63 22.3 0.0 46.2

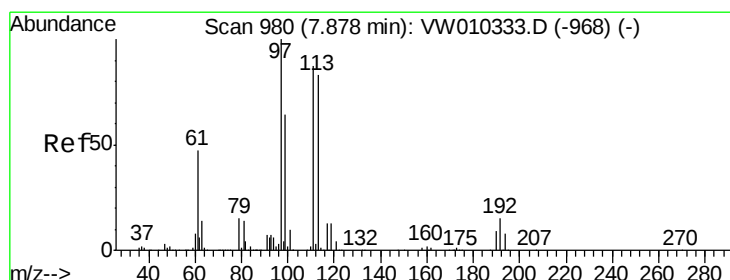
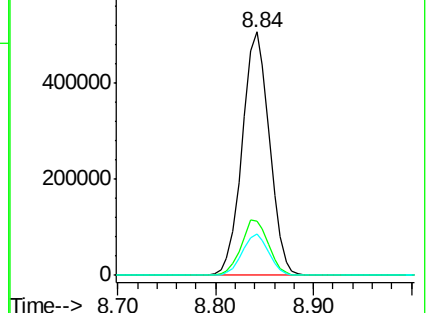
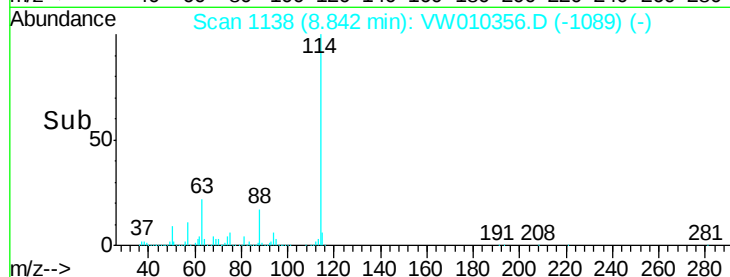
88 16.7 0.0 32.6



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



#35

Dibromofluoromethane

Concen: 44.541 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW010356.D

Acq: 10 May 2019 15:11

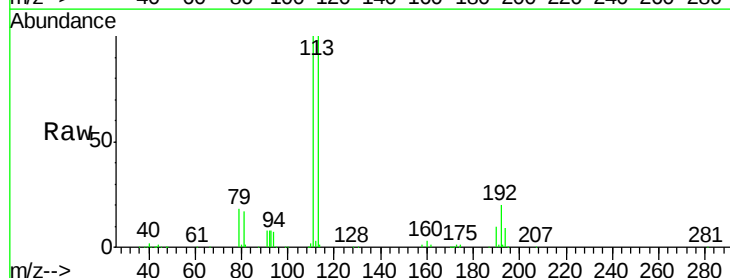
Tgt Ion:113 Resp: 255248

Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

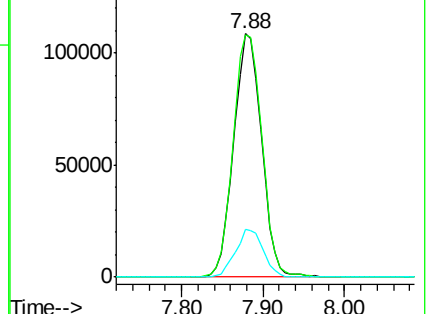
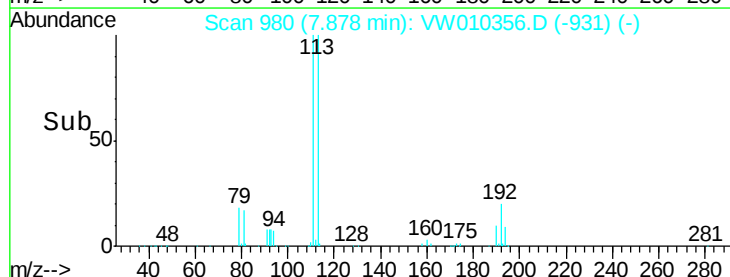
192 19.4 15.4 23.2

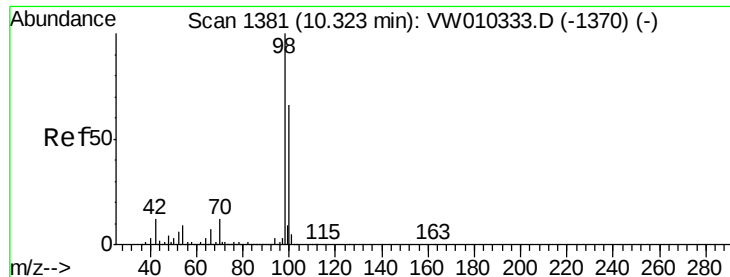


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 36.965 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010356.D

Acq: 10 May 2019 15:11

Instrument :

MSVOA\_W

ClientSampleId :

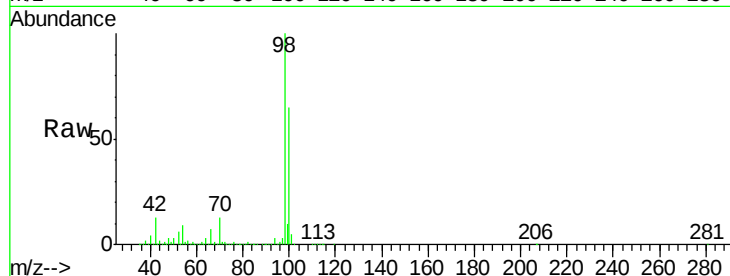
P026-SS001-1824-01

Tot Ion: 98 Resp: 862595

Ion Ratio Lower Upper

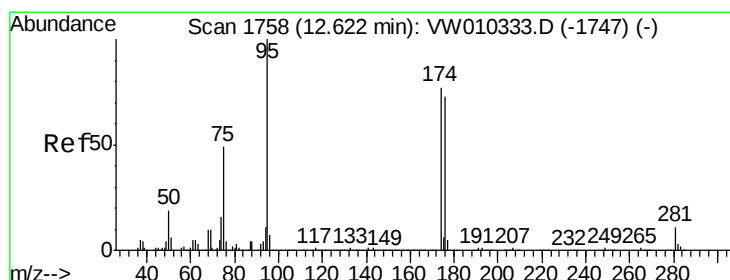
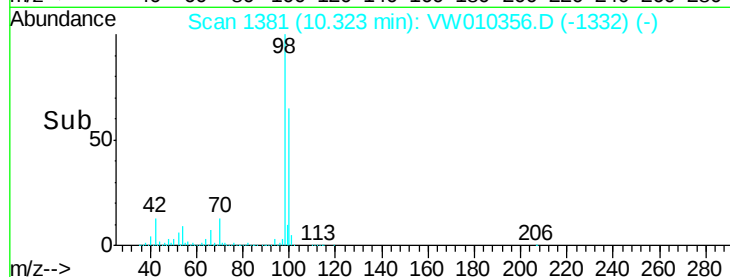
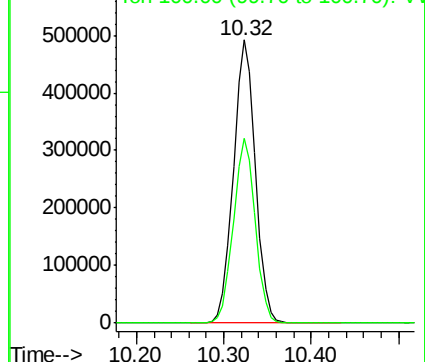
98 100

100 64.8 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 27.142 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010356.D

Acq: 10 May 2019 15:11

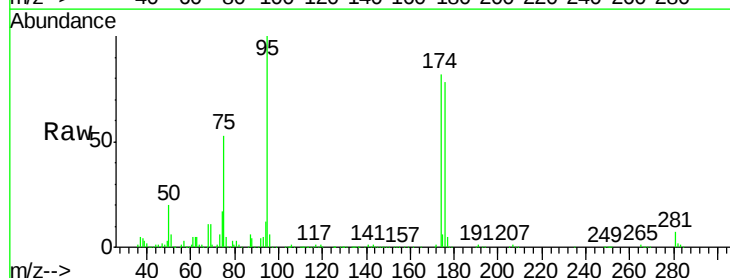
Tgt Ion: 95 Resp: 222954

Ion Ratio Lower Upper

95 100

174 79.6 0.0 151.4

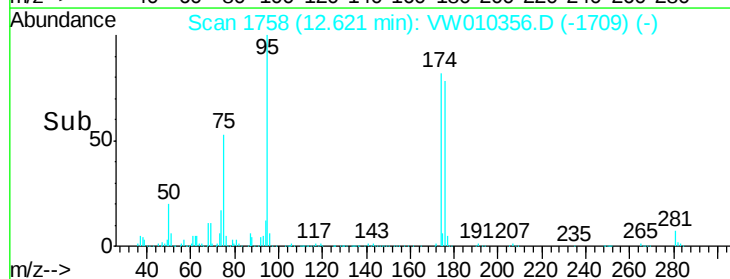
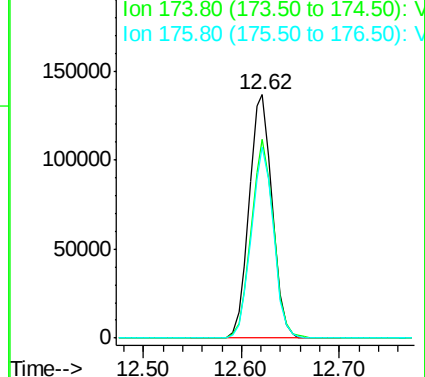
176 76.0 0.0 146.2

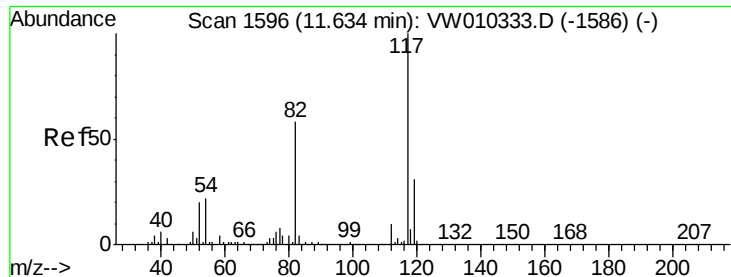


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

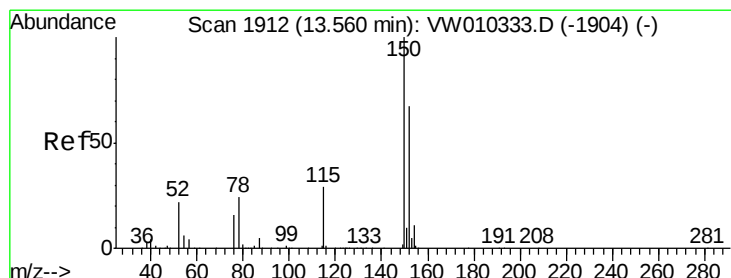
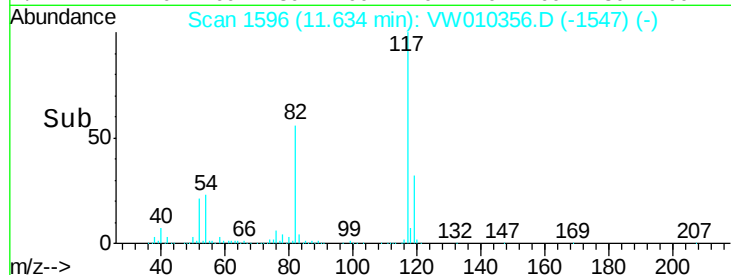
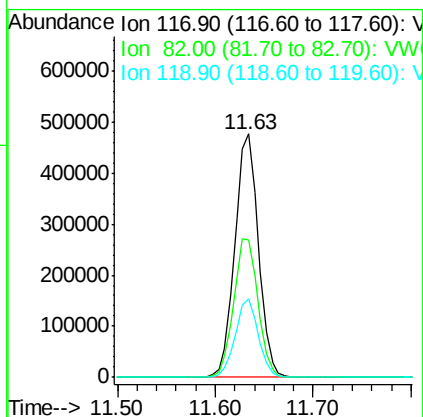
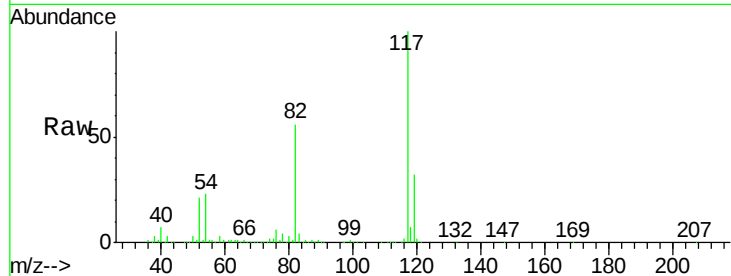




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. -0.00 min  
Lab File: VW010356.D  
Acq: 10 May 2019 15:11

Instrument :  
MSVOA\_W  
ClientSampleId :  
P026-SS001-1824-01

Tot Ion:117 Resp: 796151  
Ion Ratio Lower Upper  
117 100  
82 56.4 45.2 67.8  
119 32.0 25.4 38.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.56 min Scan# 1912  
Delta R.T. -0.00 min  
Lab File: VW010356.D  
Acq: 10 May 2019 15:11

Tgt Ion:152 Resp: 270639  
Ion Ratio Lower Upper  
152 100  
115 60.3 30.4 91.2  
150 157.7 0.0 347.0

