

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD013020\  
 Data File : VD065012.D  
 Acq On : 30 Jan 2020 14:47  
 Operator : VA/SY  
 Sample : L1318-10  
 Misc : 5.59G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 RAINEY-PARK-BH-04-A

Quant Time: Jan 30 16:07:34 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D012320S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 23 13:45:59 2020  
 Response via : Initial Calibration

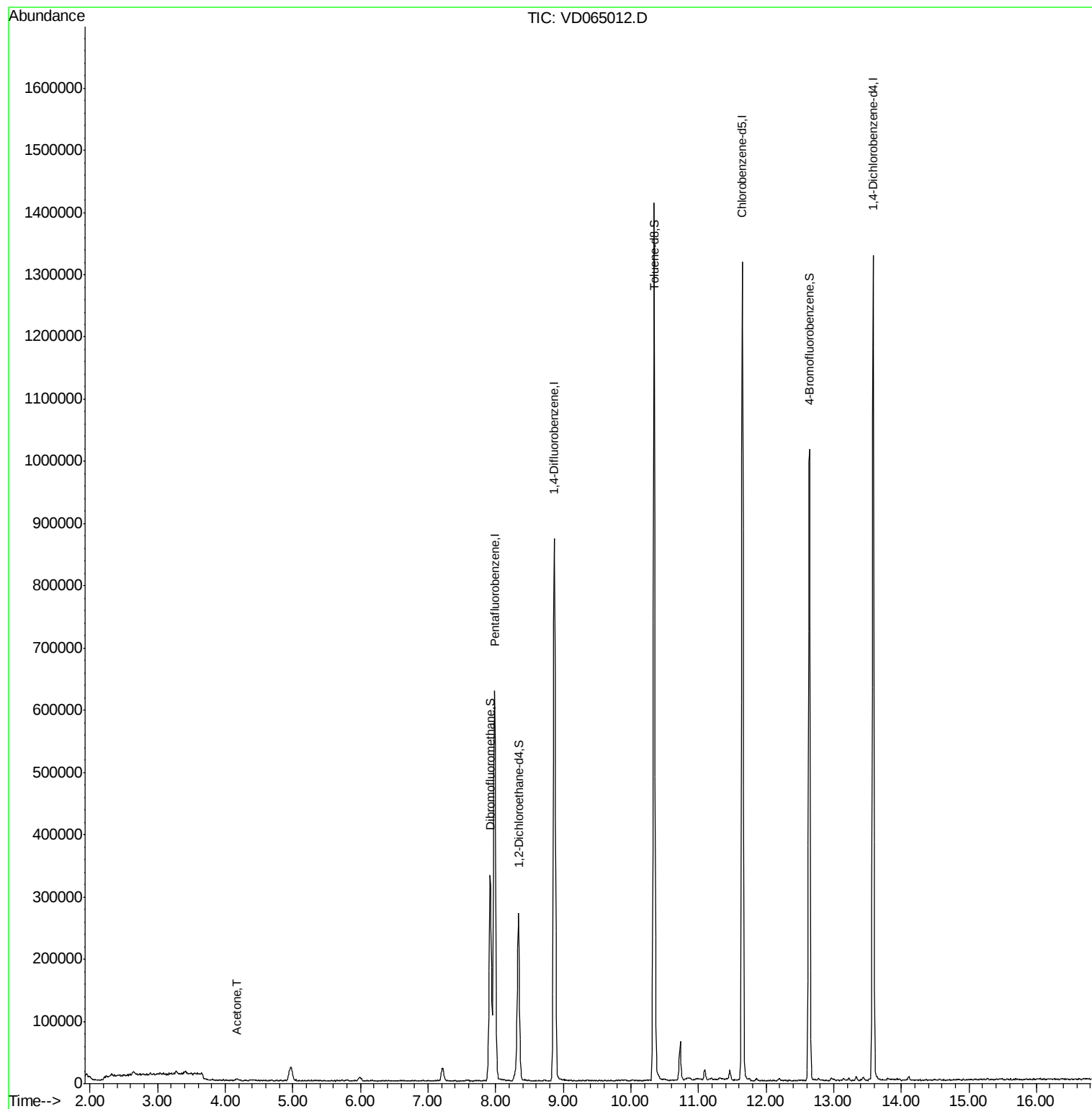
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|---------|-----------|
| 1) Pentafluorobenzene       | 7.98  | 168  | 463832   | 50.00  | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.87  | 114  | 754126   | 50.00  | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 11.65 | 117  | 721587   | 50.00  | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.58 | 152  | 340682   | 50.00  | ug/l    | 0.00      |
| System Monitoring Compounds |       |      |          |        |         |           |
| 33) 1,2-Dichloroethane-d4   | 8.34  | 65   | 211861   | 47.62  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 95.24%  |           |
| 35) Dibromofluoromethane    | 7.92  | 113  | 230855   | 48.71  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 97.42%  |           |
| 50) Toluene-d8              | 10.34 | 98   | 919921   | 50.29  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 100.58% |           |
| 62) 4-Bromofluorobenzene    | 12.64 | 95   | 297222   | 53.10  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 106.20% |           |
| Target Compounds            |       |      |          |        |         |           |
| 16) Acetone                 | 4.18  | 43   | 4012     | 16.863 | ug/l    | Qvalue 95 |

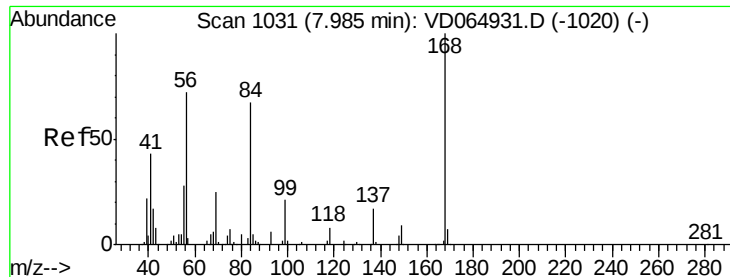
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD013020\  
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Quant Title : SW846 8260  
QLast Update : Thu Jan 23 13:45:59 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065012.D

Acq: 30 Jan 2020 14:47

Instrument :

MSVOA\_D

ClientSampleId :

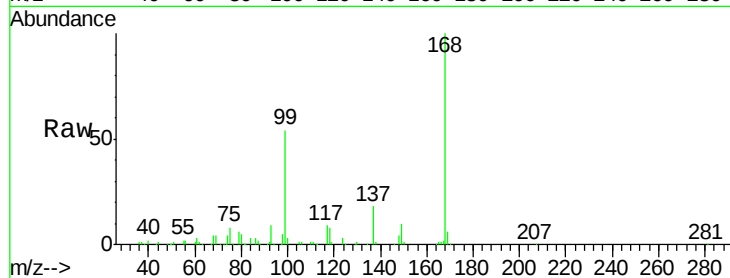
RAINEY-PARK-BH-04-A

Tot Ion:168 Resp: 463832

Ion Ratio Lower Upper

168 100

99 54.2 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

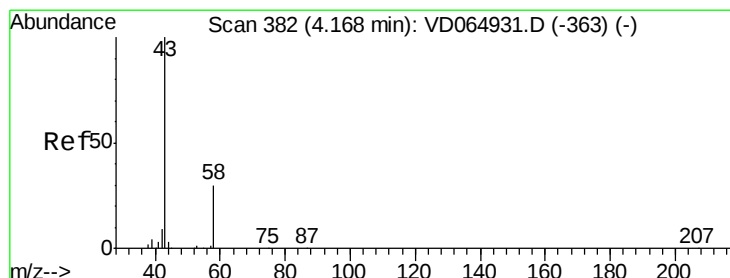
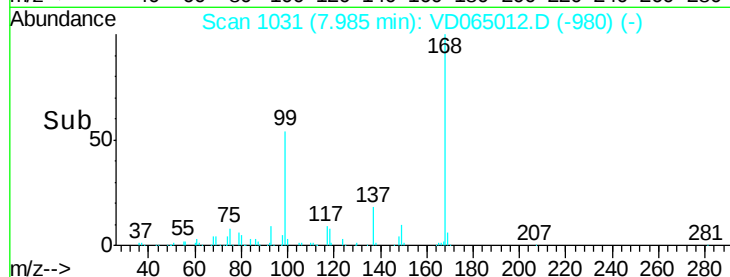
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 16.863 ug/l

RT: 4.18 min Scan# 384

Delta R.T. 0.01 min

Lab File: VD065012.D

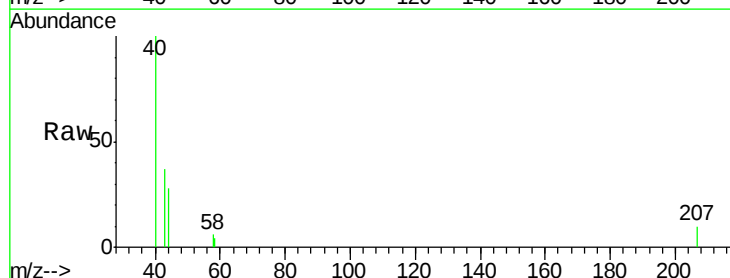
Acq: 30 Jan 2020 14:47

Tgt Ion: 43 Resp: 4012

Ion Ratio Lower Upper

43 100

58 27.1 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.18

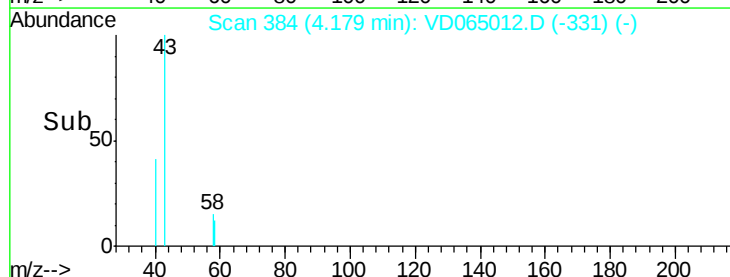
1500

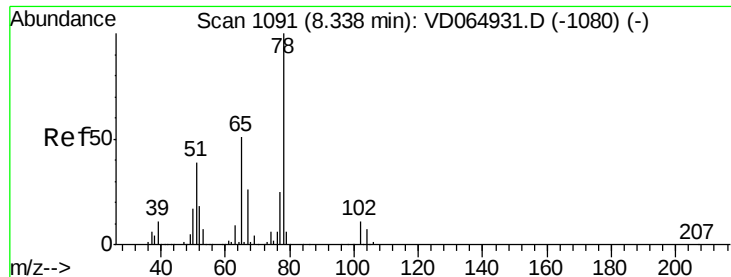
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.618 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065012.D

Acq: 30 Jan 2020 14:47

Instrument :

MSVOA\_D

ClientSampleId :

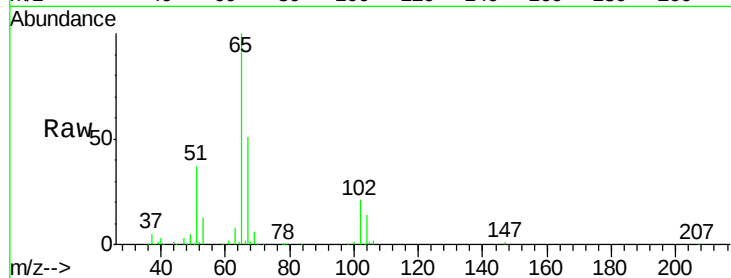
RAINEY-PARK-BH-04-A

Tot Ion: 65 Resp: 211861

Ion Ratio Lower Upper

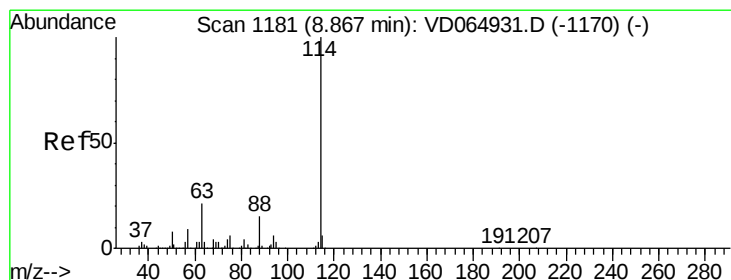
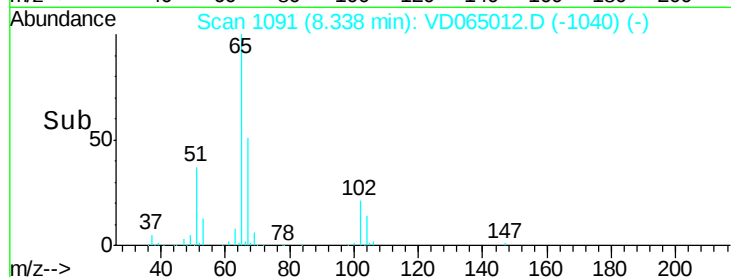
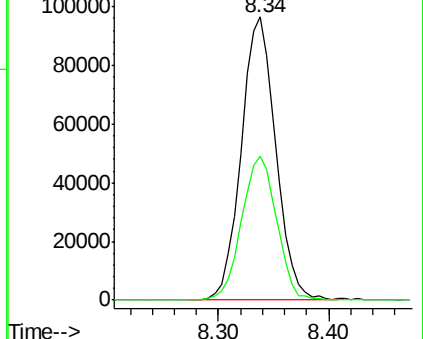
65 100

67 51.7 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065012.D

Acq: 30 Jan 2020 14:47

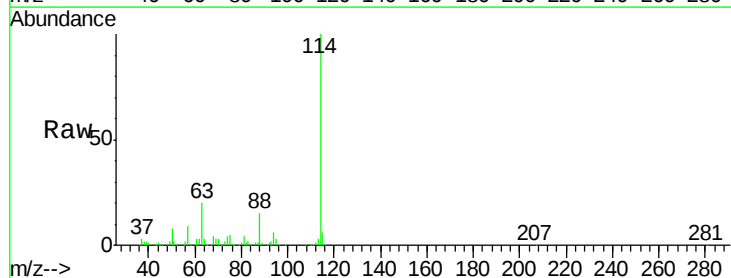
Tgt Ion: 114 Resp: 754126

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.0

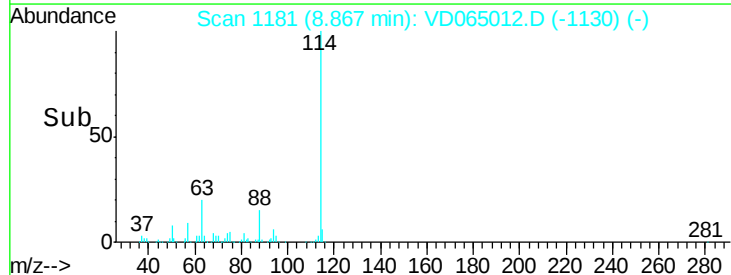
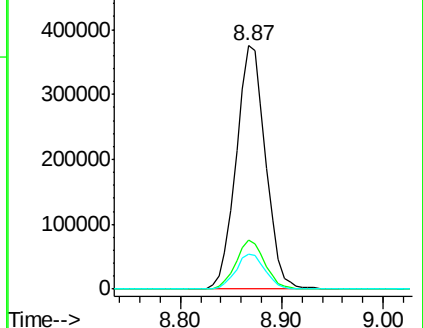
88 14.5 0.0 29.4

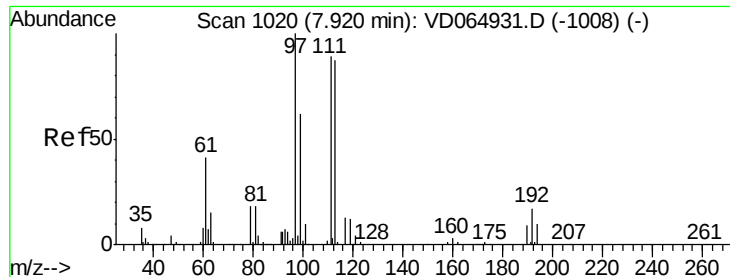


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

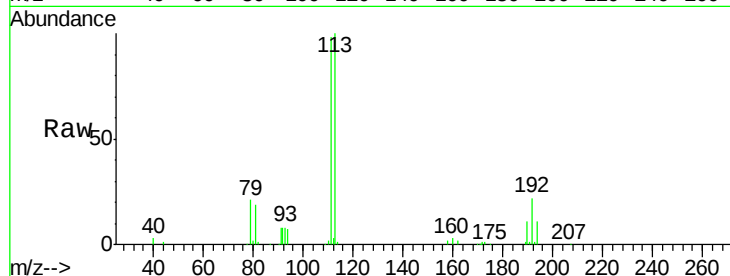




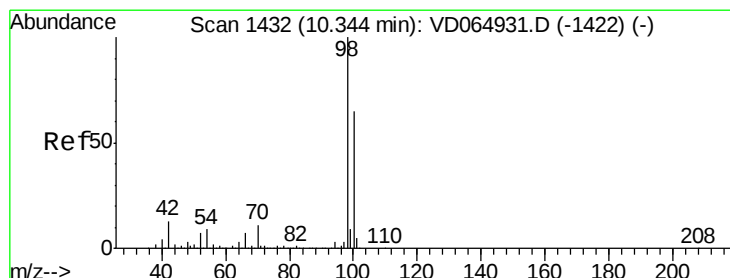
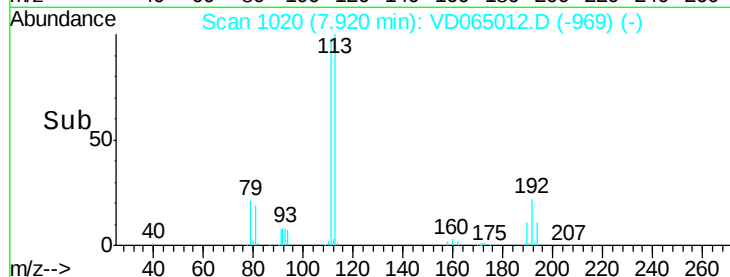
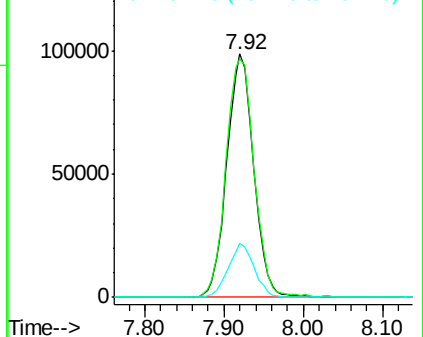
#35  
Dibromofluoromethane  
Concen: 48.714 ug/l  
RT: 7.92 min Scan# 1020  
Delta R.T. -0.00 min  
Lab File: VD065012.D  
Acq: 30 Jan 2020 14:47

Instrument :  
MSVOA\_D  
ClientSampleId :  
RAINEY-PARK-BH-04-A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.0 | 82.4  | 123.6 |
| 192     | 21.6  | 16.9  | 25.3  |

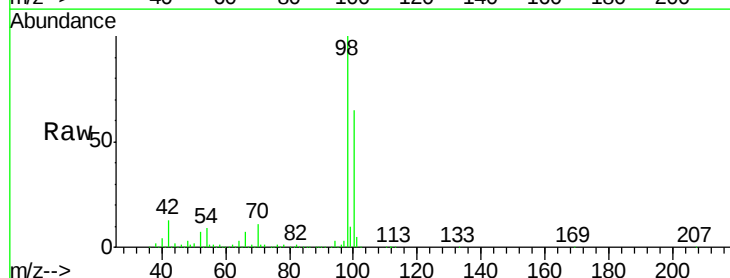


Abundance Ion 112.80 (112.50 to 113.50): V  
Ion 110.80 (110.50 to 111.50): V  
Ion 191.70 (191.40 to 192.40): V

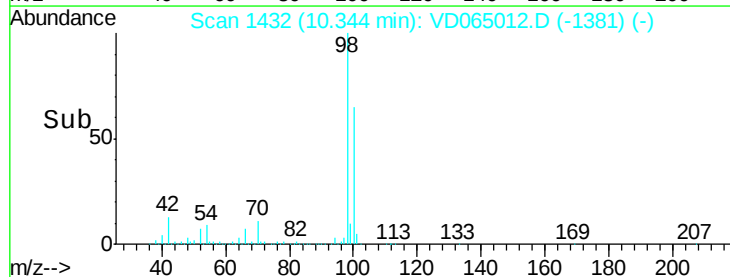
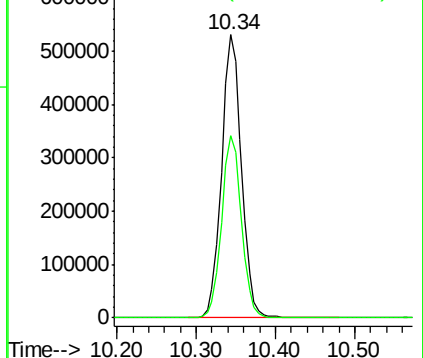


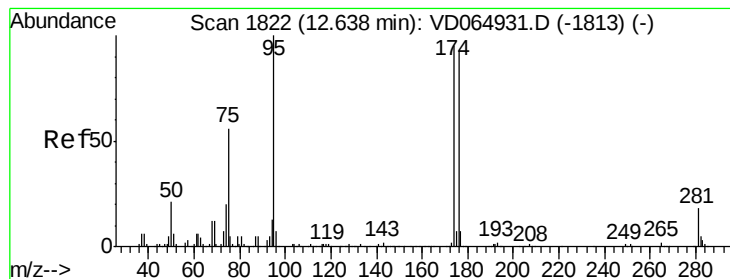
#50  
Toluene-d8  
Concen: 50.294 ug/l  
RT: 10.34 min Scan# 1432  
Delta R.T. -0.00 min  
Lab File: VD065012.D  
Acq: 30 Jan 2020 14:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.2  | 52.3  | 78.5  |



Abundance Ion 98.00 (97.70 to 98.70): VDC  
Ion 100.00 (99.70 to 100.70): VDC





#62

4-Bromofluorobenzene

Concen: 53.100 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065012.D

Acq: 30 Jan 2020 14:47

Instrument :

MSVOA\_D

ClientSampleId :

RAINEY-PARK-BH-04-A

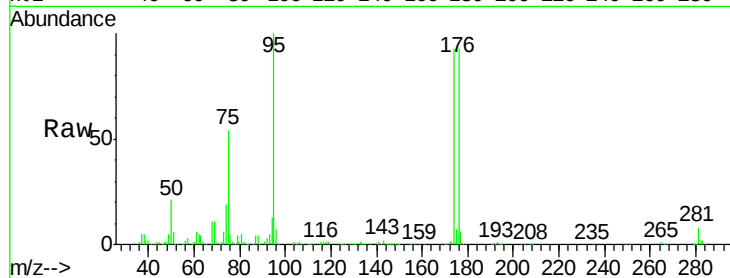
Tot Ion: 95 Resp: 297222

Ion Ratio Lower Upper

95 100

174 92.3 0.0 186.8

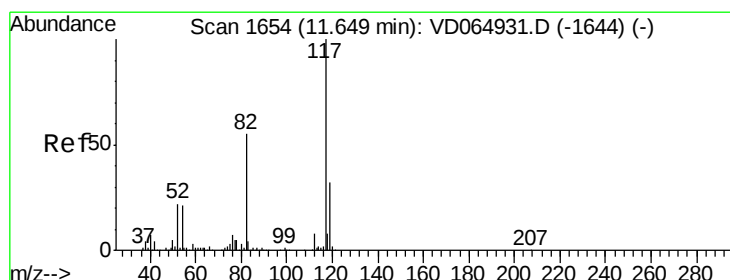
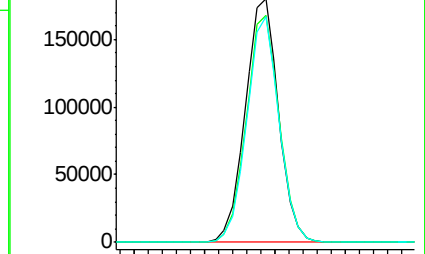
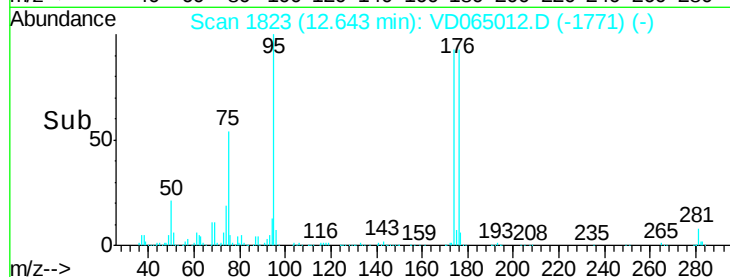
176 90.0 0.0 183.4



Abundance Ion 94.90 (94.60 to 95.60): VD065012.D (-1771) (-)

Ion 173.80 (173.50 to 174.50): VD065012.D (-1771) (-)

Ion 175.80 (175.50 to 176.50): VD065012.D (-1771) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD065012.D

Acq: 30 Jan 2020 14:47

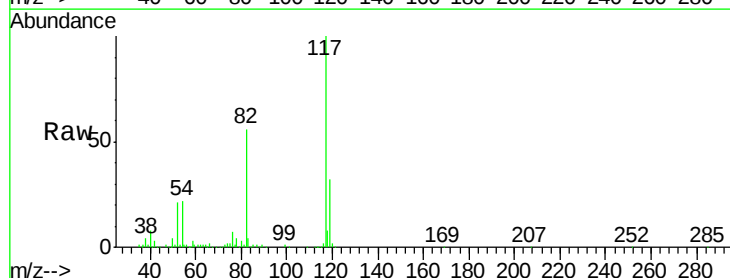
Tgt Ion: 117 Resp: 721587

Ion Ratio Lower Upper

117 100

82 56.0 43.6 65.4

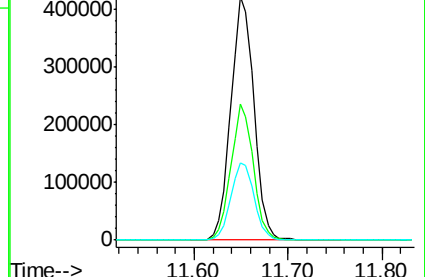
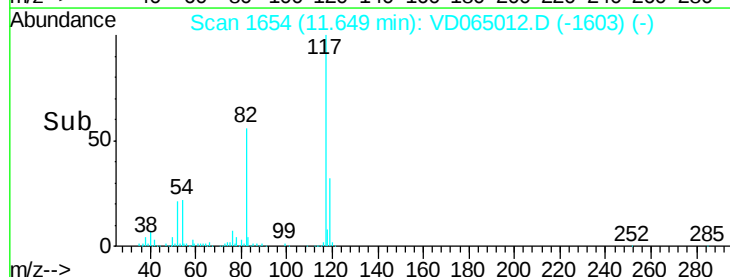
119 31.9 25.2 37.8

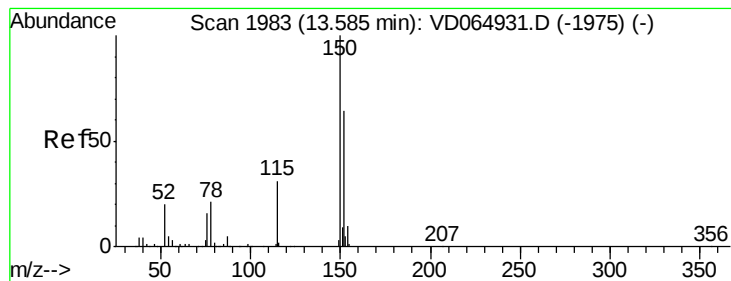


Abundance Ion 116.90 (116.60 to 117.60): VD065012.D (-1603) (-)

Ion 82.00 (81.70 to 82.70): VD065012.D (-1603) (-)

Ion 118.90 (118.60 to 119.60): VD065012.D (-1603) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065012.D

Acq: 30 Jan 2020 14:47

Instrument :

MSVOA\_D

ClientSampleId :

RAINEY-PARK-BH-04-A

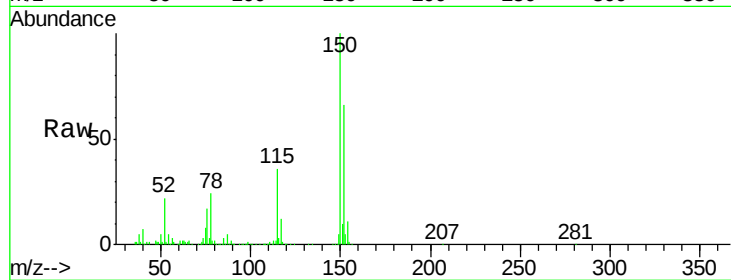
Tot Ion:152 Resp: 340682

Ion Ratio Lower Upper

152 100

115 55.3 28.1 84.4

150 157.5 0.0 350.4



Abundance Ion 151.90 (151.60 to 152.60): V

400000

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

300000

200000

100000

0

13.58

Time--> 13.50 13.55 13.60 13.65

