

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031220\  
 Data File : VX015240.D  
 Acq On : 12 Mar 2020 17:59  
 Operator : JC/SP  
 Sample : L1913-19  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FIELD-BLANK

Quant Time: Mar 13 04:33:41 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X030420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 04 14:19:10 2020  
 Response via : Initial Calibration

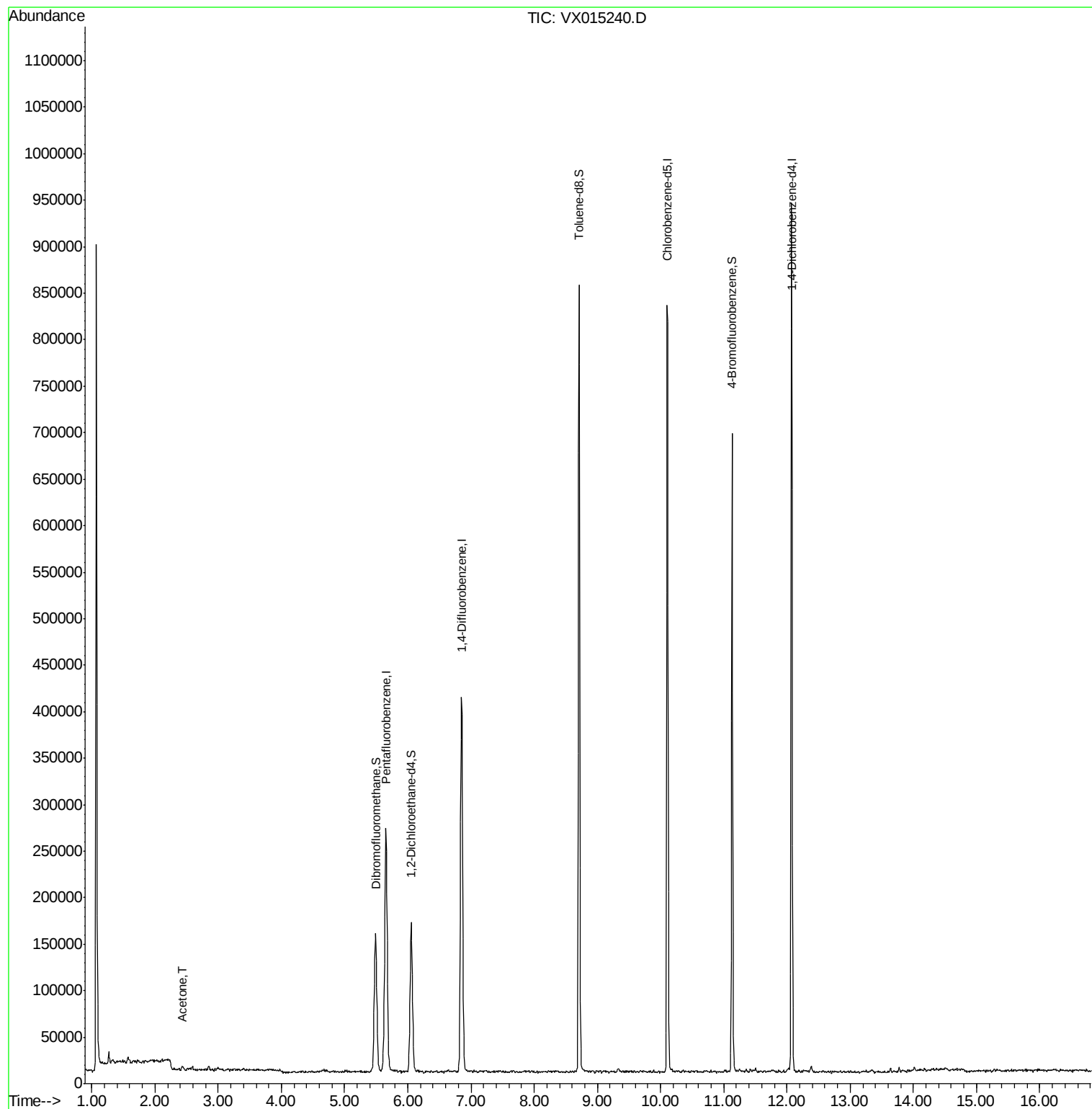
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|---------|-----------|
| 1) Pentafluorobenzene       | 5.65  | 168  | 266295   | 50.00 | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.85  | 114  | 421458   | 50.00 | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 10.11 | 117  | 398526   | 50.00 | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.07 | 152  | 202482   | 50.00 | ug/l    | 0.00      |
| System Monitoring Compounds |       |      |          |       |         |           |
| 33) 1,2-Dichloroethane-d4   | 6.05  | 65   | 146704   | 46.44 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 92.88%  |           |
| 35) Dibromofluoromethane    | 5.49  | 113  | 127450   | 47.93 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 95.86%  |           |
| 50) Toluene-d8              | 8.71  | 98   | 505539   | 49.98 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 99.96%  |           |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 183995   | 51.00 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 102.00% |           |
| Target Compounds            |       |      |          |       |         |           |
| 16) Acetone                 | 2.43  | 43   | 5418     | 4.235 | ug/l #  | Qvalue 84 |

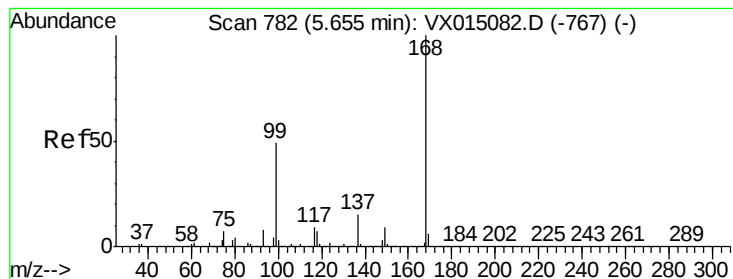
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
ClientSampled :  
FIELD-BLANK

Quant Time: Mar 13 04:33:41 2020  
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Quant Title : SW846 8260  
QLast Update : Wed Mar 04 14:19:10 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX015240.D

Acq: 12 Mar 2020 17:59

Instrument :

MSVOA\_X

ClientSampleId :

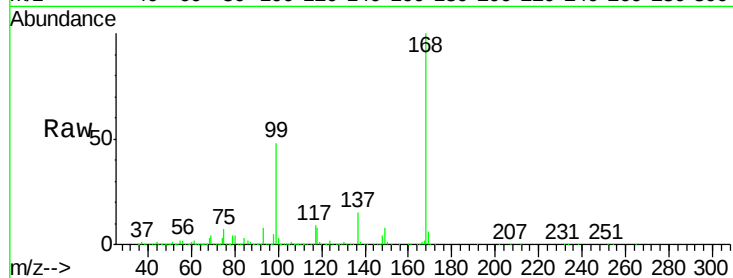
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Tot Ion:168 Resp: 266295

Ion Ratio Lower Upper

168 100

99 48.0 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

100000

80000

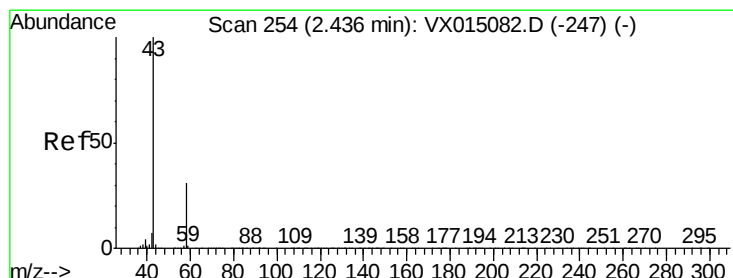
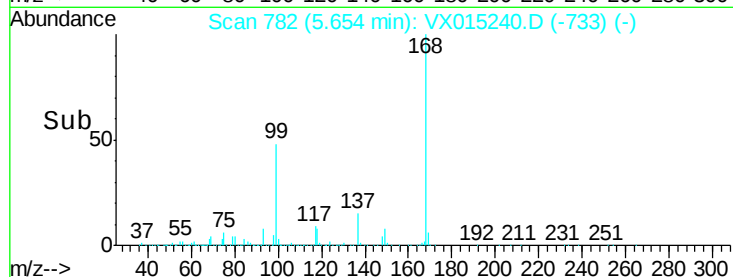
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.235 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX015240.D

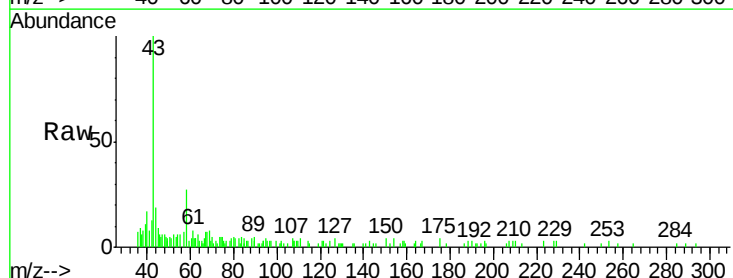
Acq: 12 Mar 2020 17:59

Tgt Ion: 43 Resp: 5418

Ion Ratio Lower Upper

43 100

58 22.1 24.8 37.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

3000

2500

2000

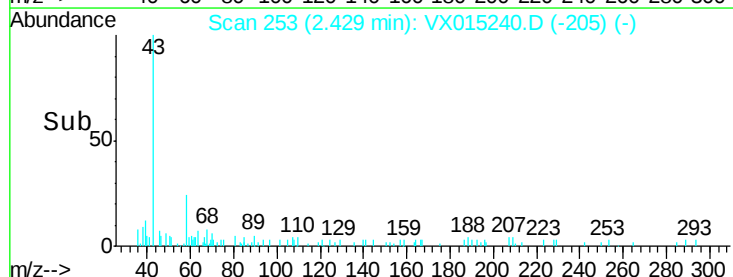
1500

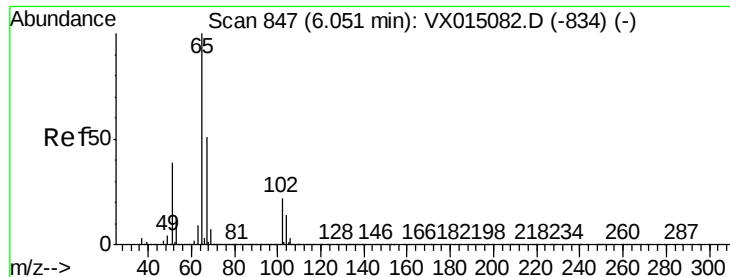
1000

500

0

Time--> 2.35 2.40 2.45 2.50 2.55





#33

1,2-Dichloroethane-d4

Concen: 46.436 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX015240.D

Acq: 12 Mar 2020 17:59

Instrument :

MSVOA\_X

ClientSampleId :

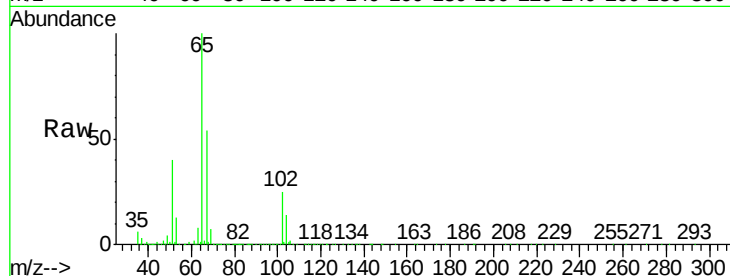
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Tot Ion: 65 Resp: 146704

Ion Ratio Lower Upper

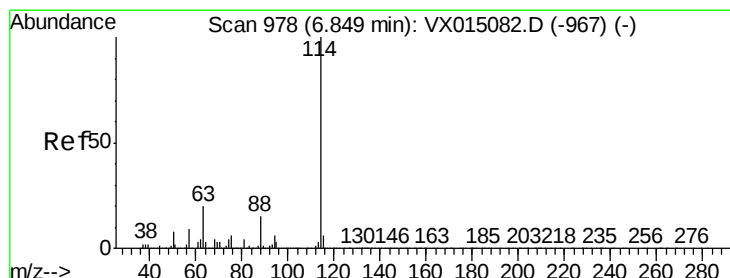
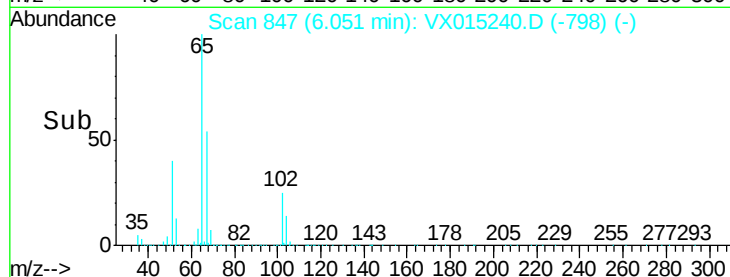
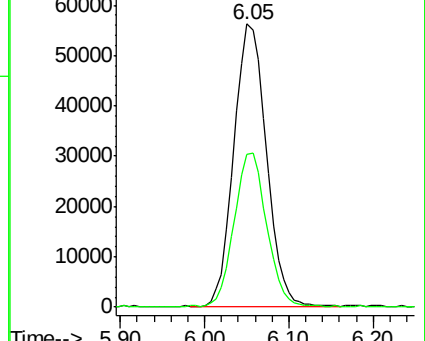
65 100

67 55.1 0.0 105.6



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: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015240.D

Acq: 12 Mar 2020 17:59

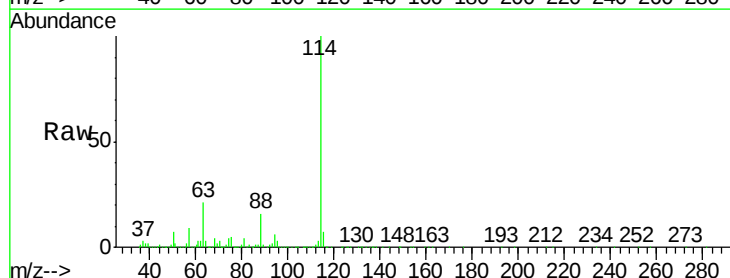
Tgt Ion: 114 Resp: 421458

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.0

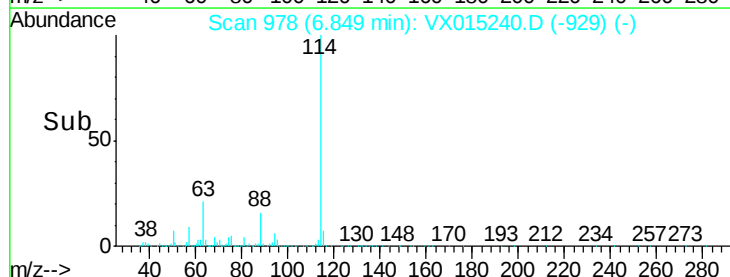
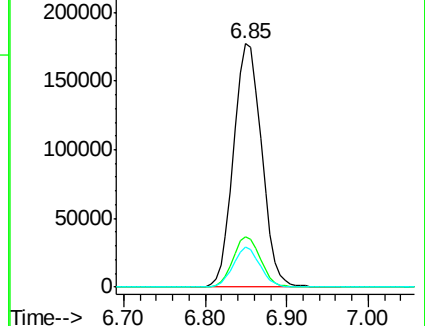
88 16.2 0.0 30.6

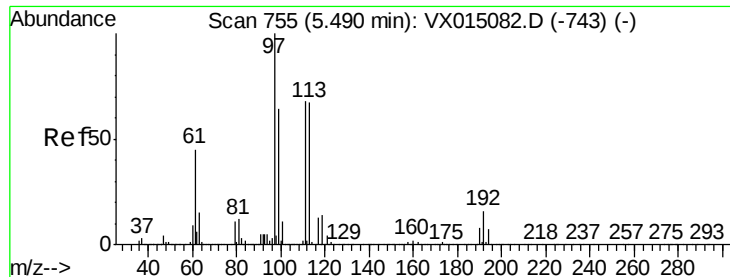


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.934 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015240.D

Acq: 12 Mar 2020 17:59

Instrument :

MSVOA\_X

ClientSampleId :

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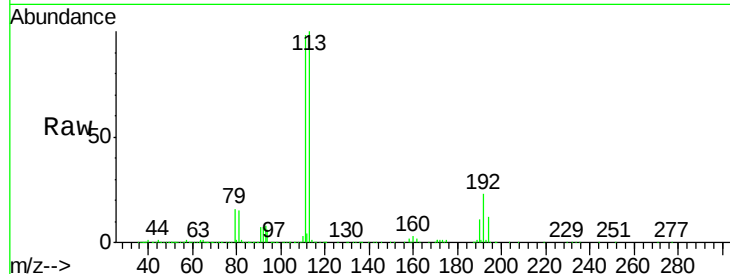
Tot Ion:113 Resp: 127450

Ion Ratio Lower Upper

113 100

111 101.6 82.6 123.8

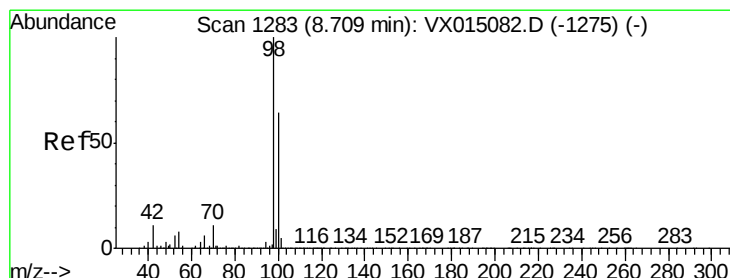
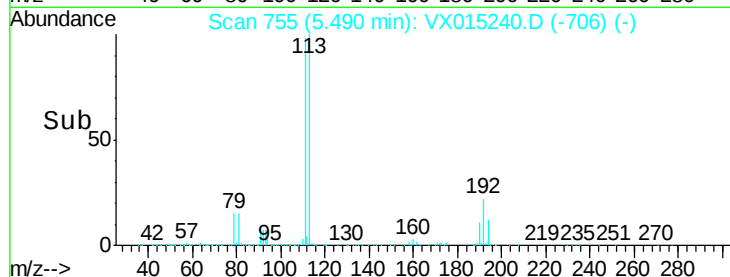
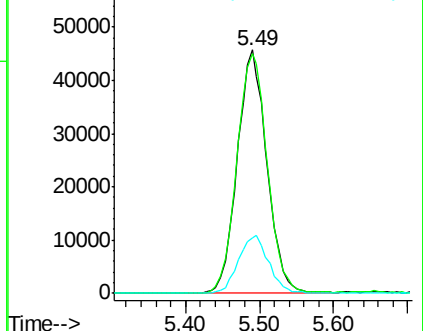
192 24.2 18.6 28.0



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: 49.985 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015240.D

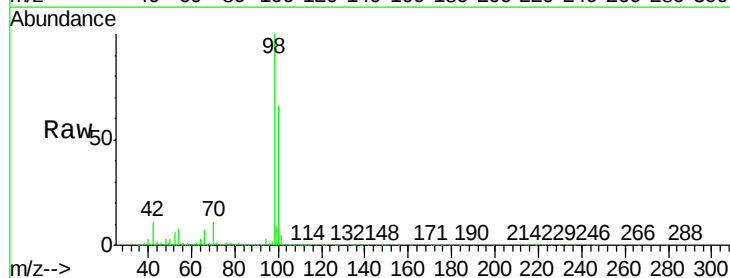
Acq: 12 Mar 2020 17:59

Tgt Ion: 98 Resp: 505539

Ion Ratio Lower Upper

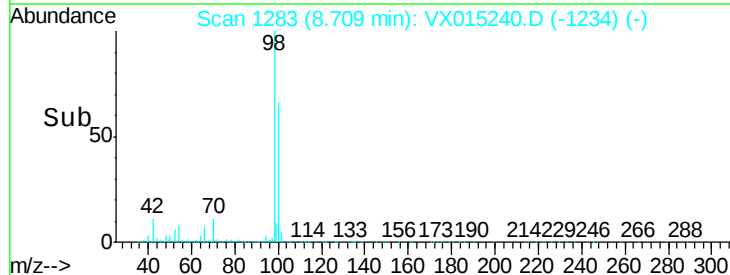
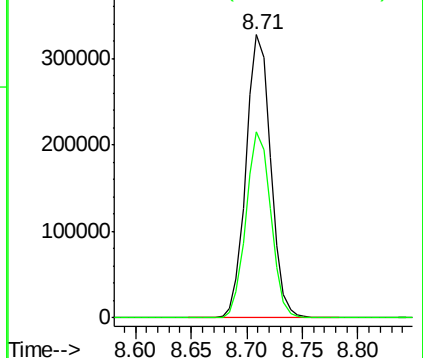
98 100

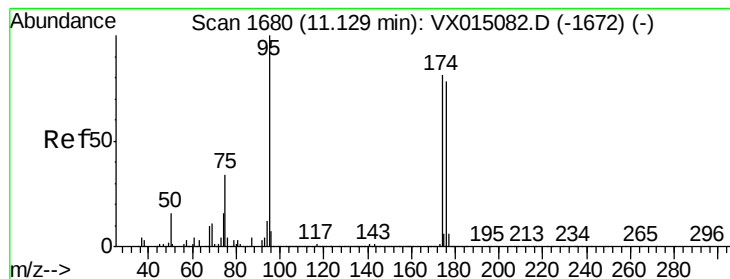
100 66.2 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 51.003 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015240.D

Acq: 12 Mar 2020 17:59

Instrument :

MSVOA\_X

ClientSampleId :

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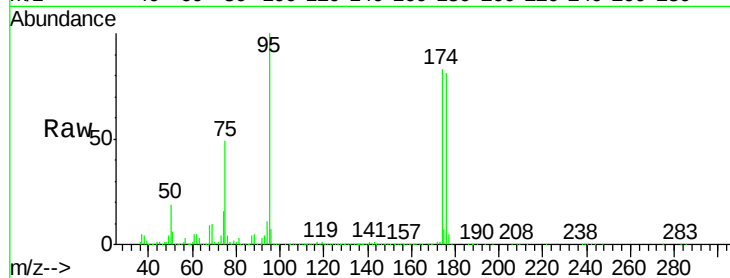
Tot Ion: 95 Resp: 183995

Ion Ratio Lower Upper

95 100

174 92.2 0.0 177.6

176 89.9 0.0 170.2

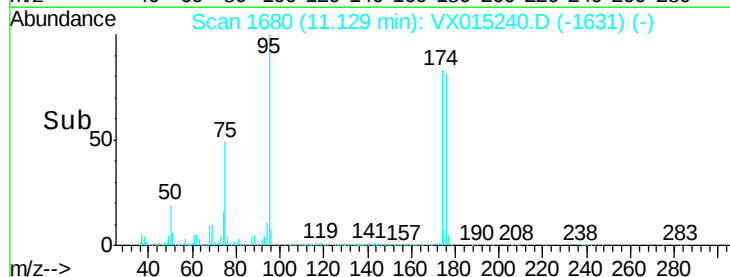


Abundance Ion 94.90 (94.60 to 95.60): VX015082.D (-1672) (-)

Ion 173.80 (173.50 to 174.50): VX015082.D (-1672) (-)

Ion 175.80 (175.50 to 176.50): VX015082.D (-1672) (-)

Time-->

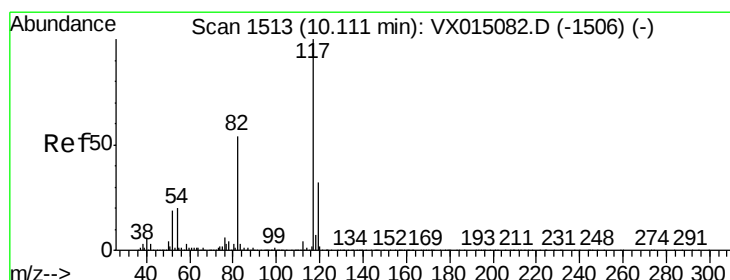


Abundance Ion 94.90 (94.60 to 95.60): VX015240.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX015240.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX015240.D (-1631) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX015240.D

Acq: 12 Mar 2020 17:59

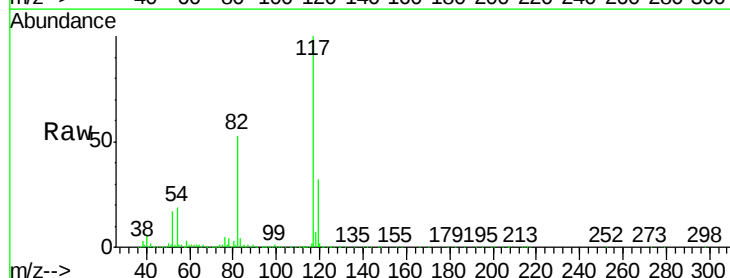
Tgt Ion: 117 Resp: 398526

Ion Ratio Lower Upper

117 100

82 52.6 43.3 64.9

119 32.1 25.8 38.8

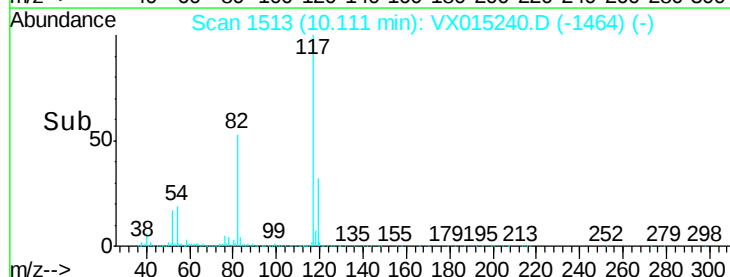


Abundance Ion 116.90 (116.60 to 117.60): VX015082.D (-1506) (-)

Ion 82.00 (81.70 to 82.70): VX015082.D (-1506) (-)

Ion 118.90 (118.60 to 119.60): VX015082.D (-1506) (-)

Time-->

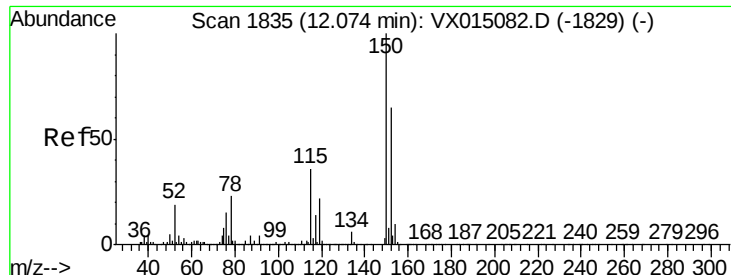


Abundance Ion 116.90 (116.60 to 117.60): VX015240.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX015240.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX015240.D (-1464) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX015240.D

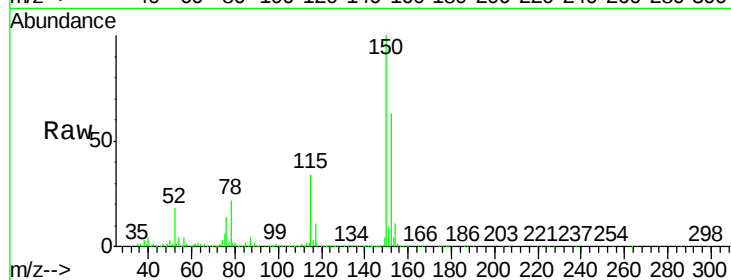
Acq: 12 Mar 2020 17:59

Instrument :

MSVOA\_X

ClientSampleId :

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Tot Ion:152 Resp: 202482

Ion Ratio Lower Upper

152 100

115 54.7 38.2 114.6

150 157.5 0.0 343.8

