

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082019\
 Data File : VX011713.D
 Acq On : 21 Aug 2019 03:10
 Operator : JC/SP
 Sample : K4387-37
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T4-A4-(2)

Quant Time: Aug 21 05:46:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

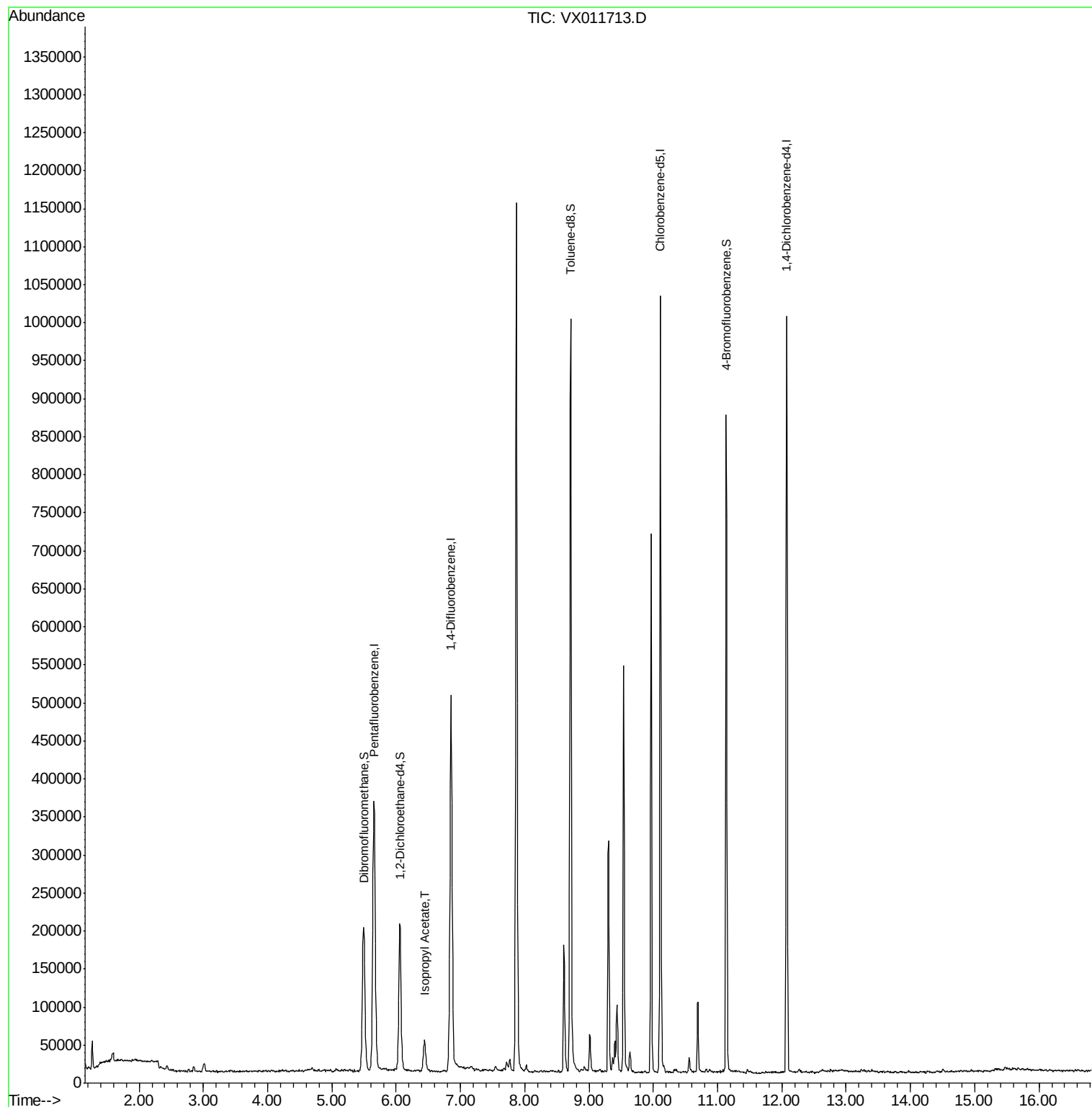
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	372422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	523838	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	481599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	234096	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	188253	54.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.02%	
35) Dibromofluoromethane	5.49	113	159232	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.94%	
50) Toluene-d8	8.71	98	605016	56.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.34%	
62) 4-Bromofluorobenzene	11.13	95	213786	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
Target Compounds						
43) Isopropyl Acetate	6.44	43	57372	7.136	ug/l	98

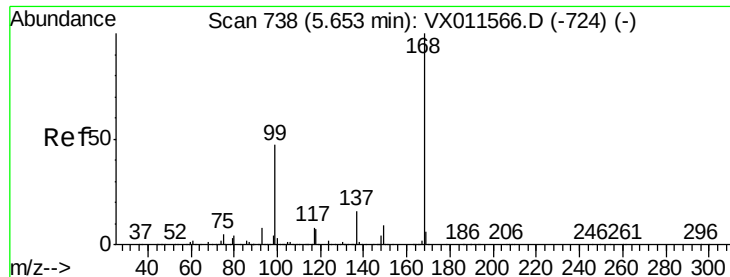
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 16 04:15:26 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011713.D

Acq: 21 Aug 2019 03:10

Instrument :

MSVOA_X

ClientSampled :

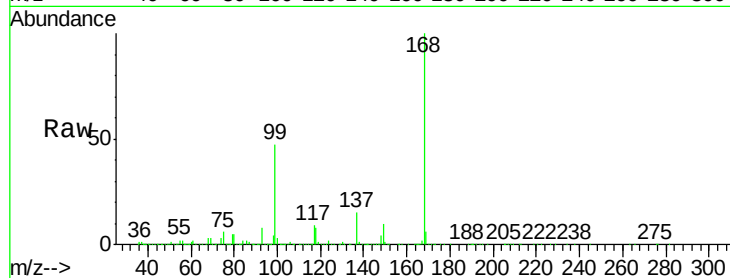
T4-A4-(2)

Tot Ion:168 Resp: 372422

Ion Ratio Lower Upper

168 100

99 47.2 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

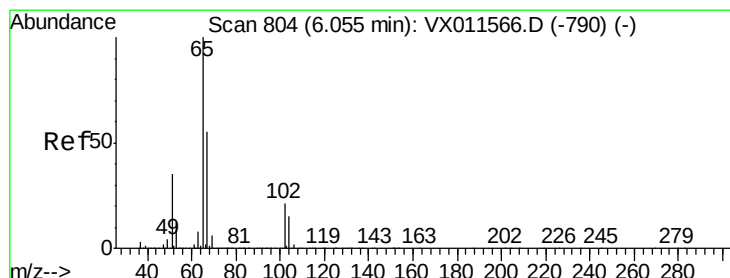
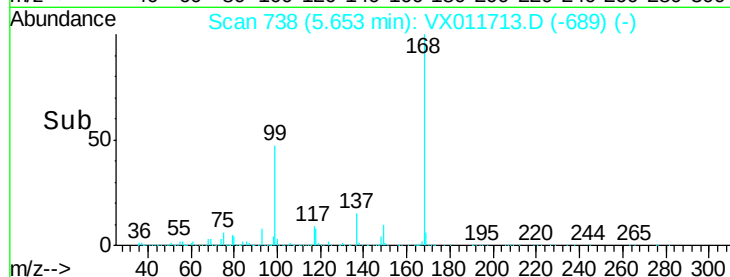
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.508 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011713.D

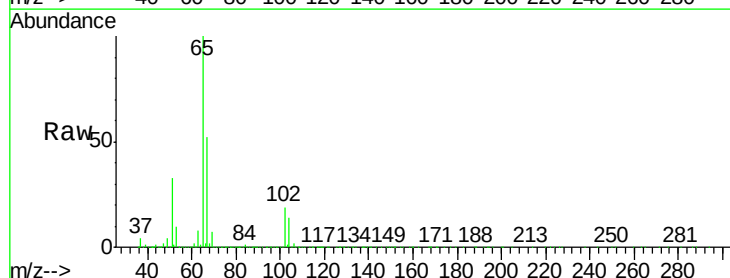
Acq: 21 Aug 2019 03:10

Tgt Ion: 65 Resp: 188253

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

80000

60000

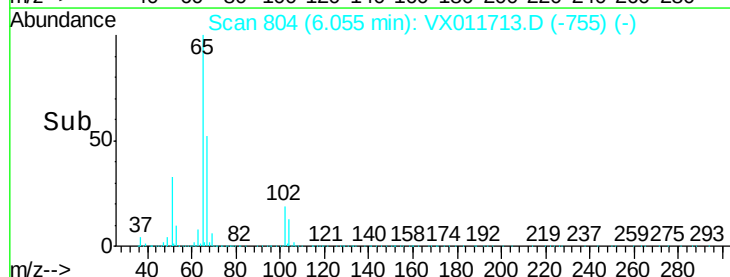
40000

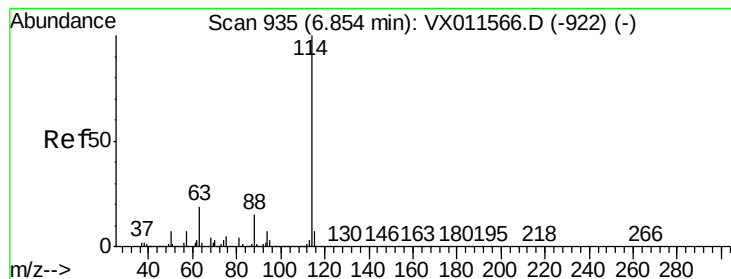
20000

0

6.00 6.10 6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011713.D

Acq: 21 Aug 2019 03:10

Instrument :

MSVOA_X

ClientSampleId :

T4-A4-(2)

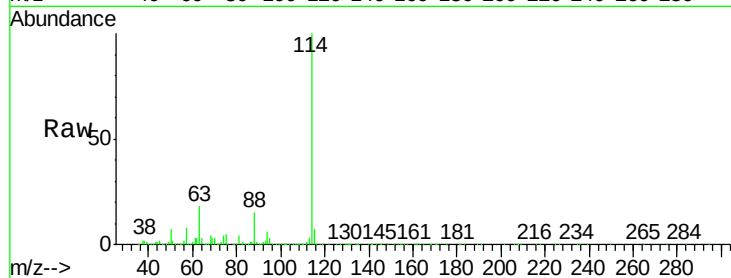
Tot Ion:114 Resp: 523838

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.8

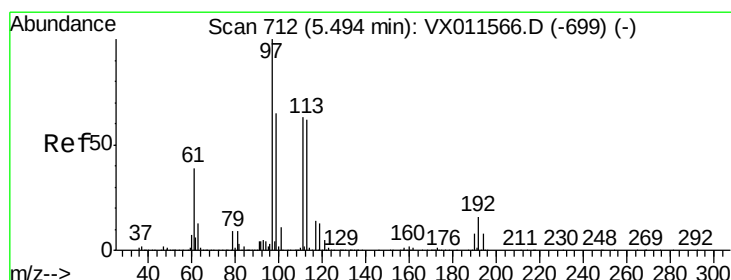
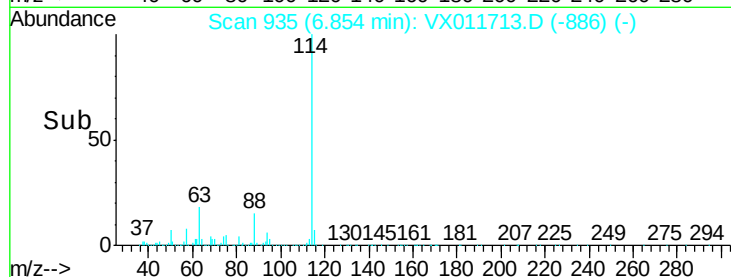
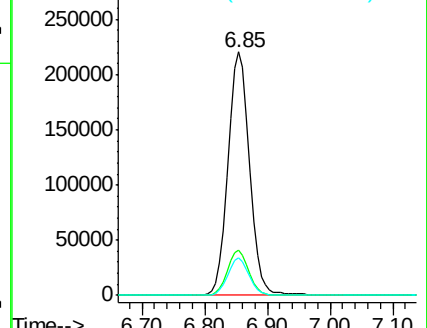
88 15.4 0.0 30.2



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: 46.474 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011713.D

Acq: 21 Aug 2019 03:10

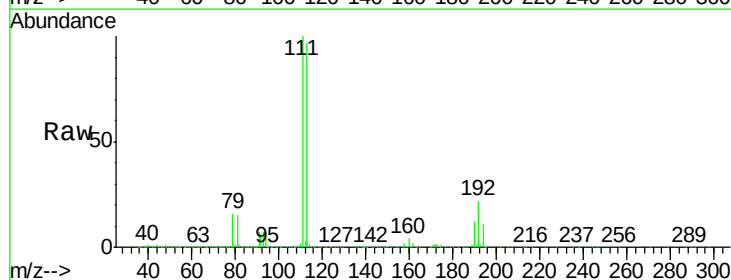
Tgt Ion:113 Resp: 159232

Ion Ratio Lower Upper

113 100

111 102.9 81.1 121.7

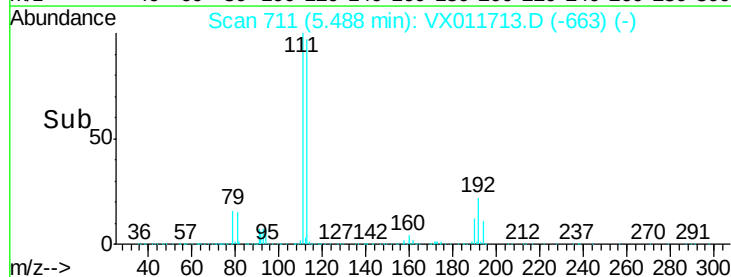
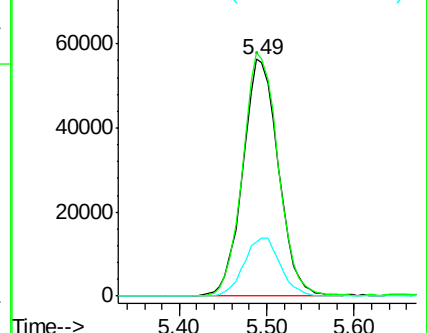
192 25.1 20.8 31.2

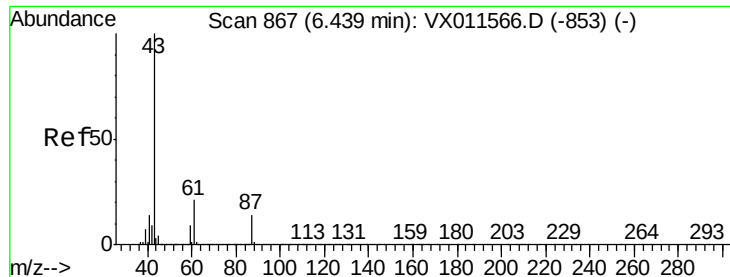


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 7.136 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011713.D

Acq: 21 Aug 2019 03:10

Instrument :

MSVOA_X

ClientSampleId :

T4-A4-(2)

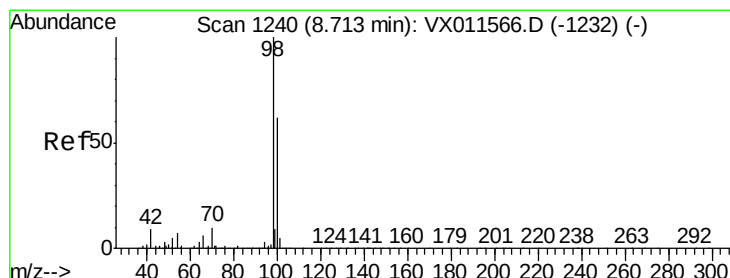
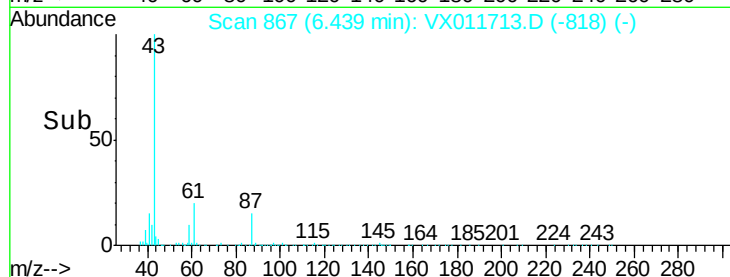
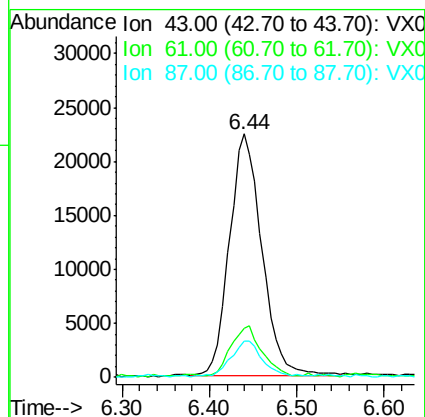
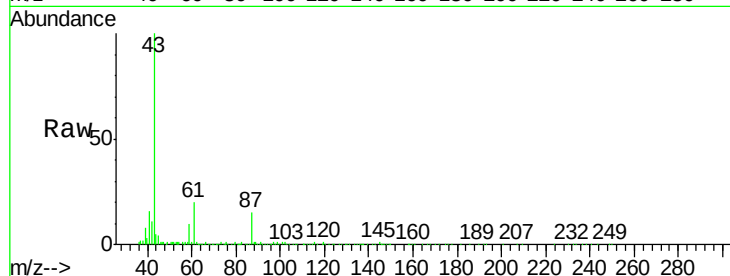
Tot Ion: 43 Resp: 57372

Ion Ratio Lower Upper

43 100

61 19.5 16.6 24.8

87 15.0 11.4 17.2



#50

Toluene-d8

Concen: 56.672 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011713.D

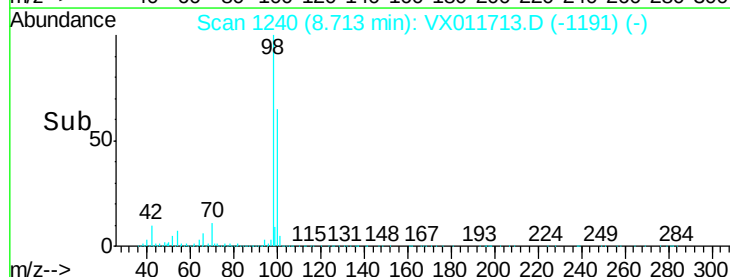
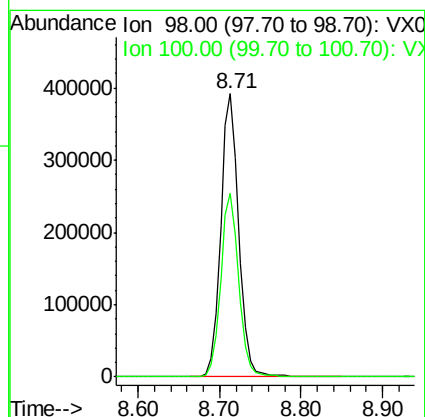
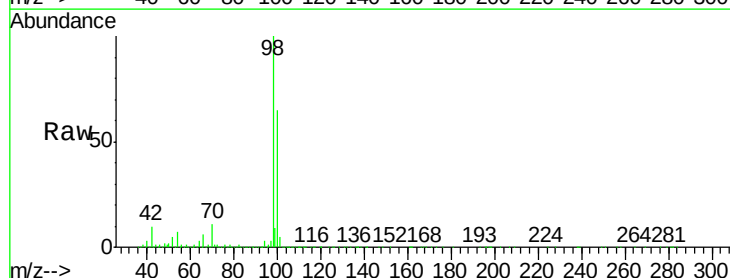
Acq: 21 Aug 2019 03:10

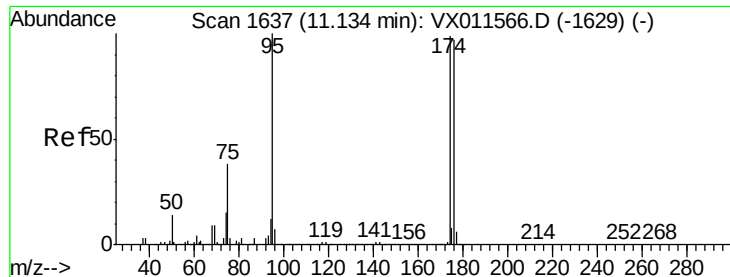
Tgt Ion: 98 Resp: 605016

Ion Ratio Lower Upper

98 100

100 64.7 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 47.444 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011713.D

Acq: 21 Aug 2019 03:10

Instrument :

MSVOA_X

ClientSampleId :

T4-A4-(2)

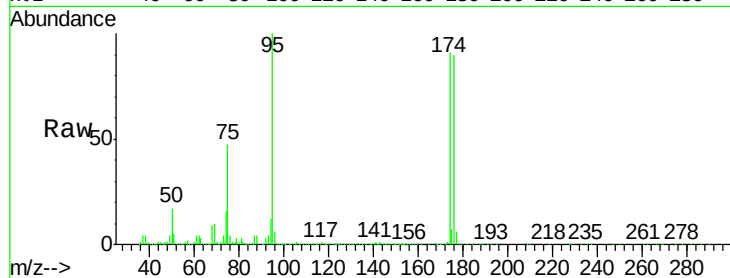
Tot Ion: 95 Resp: 213786

Ion Ratio Lower Upper

95 100

174 95.7 0.0 200.6

176 92.5 0.0 196.6

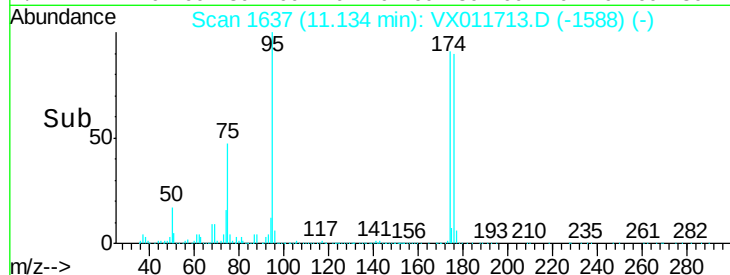


Abundance Ion 94.90 (94.60 to 95.60): VX011713.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011713.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011713.D (-1588) (-)

Time-->



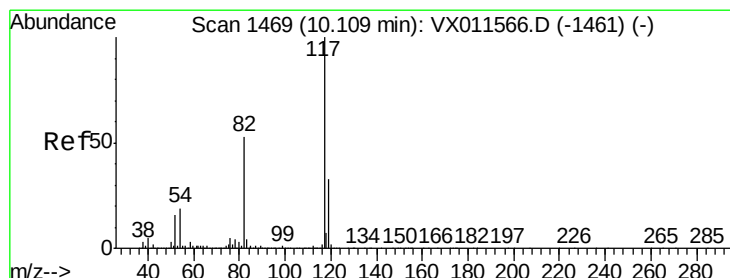
Abundance

Ion 94.90 (94.60 to 95.60): VX011713.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011713.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011713.D (-1588) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011713.D

Acq: 21 Aug 2019 03:10

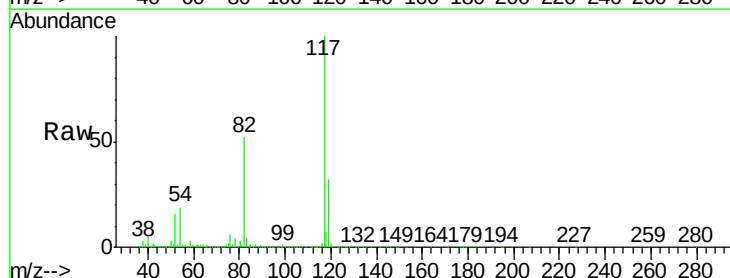
Tgt Ion: 117 Resp: 481599

Ion Ratio Lower Upper

117 100

82 51.8 42.0 63.0

119 31.9 26.5 39.7

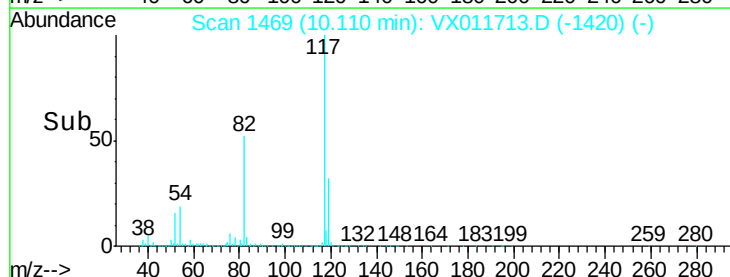


Abundance Ion 116.90 (116.60 to 117.60): VX011713.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011713.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011713.D (-1420) (-)

Time-->



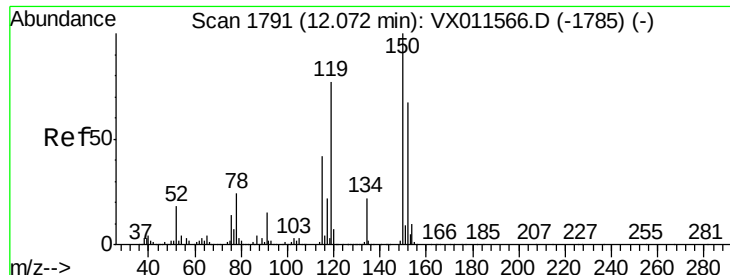
Abundance

Ion 116.90 (116.60 to 117.60): VX011713.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011713.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011713.D (-1420) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX011713.D

Acq: 21 Aug 2019 03:10

Instrument :

MSVOA_X

ClientSampleId :

T4-A4-(2)

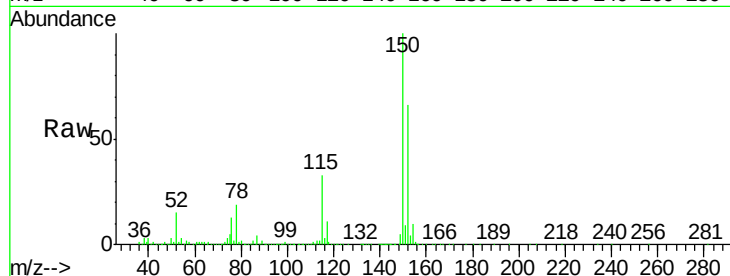
Tot Ion:152 Resp: 234096

Ion Ratio Lower Upper

152 100

115 53.3 37.3 111.9

150 154.9 0.0 346.2



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

