

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050218\
 Data File : VX001311.D
 Acq On : 02 May 2018 11:34
 Operator : JC/MD
 Sample : J2657-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-008

Quant Time: May 03 05:09:54 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X043018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 01 09:17:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	30127	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	160907	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	145861	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	66340	30.53	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.77%
60) 4-Bromofluorobenzene	11.14	95	63081	25.81	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	86.03%
63) Toluene-d8	8.72	98	187747	30.02	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.07%

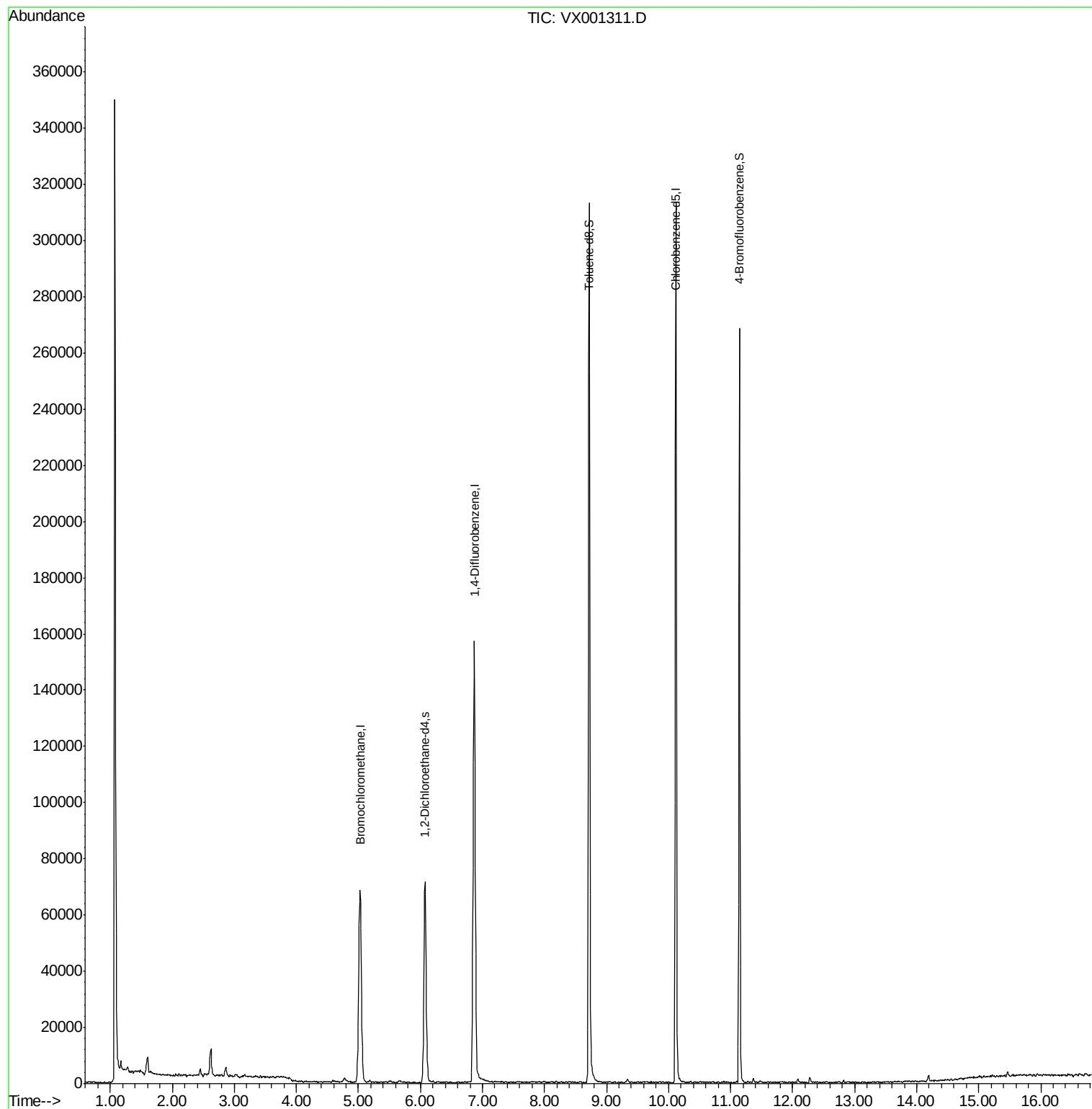
Target Compounds	Ovalue

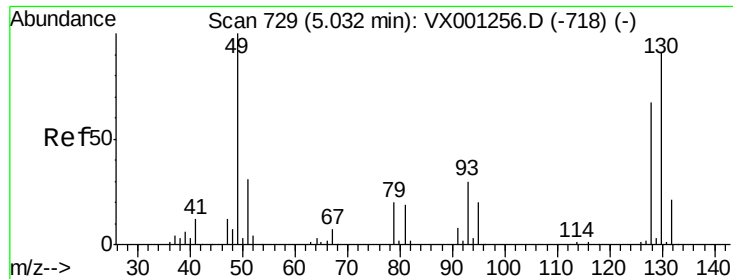
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue May 01 09:17:40 2018
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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX001311.D

Acq: 02 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

TB-008

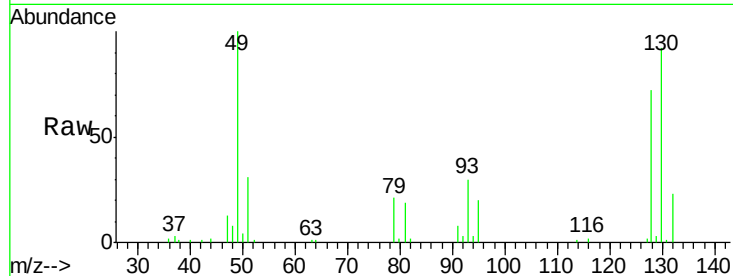
Tot Ion:128 Resp: 30127

Ion Ratio Lower Upper

128 100

49 141.9 0.0 378.3

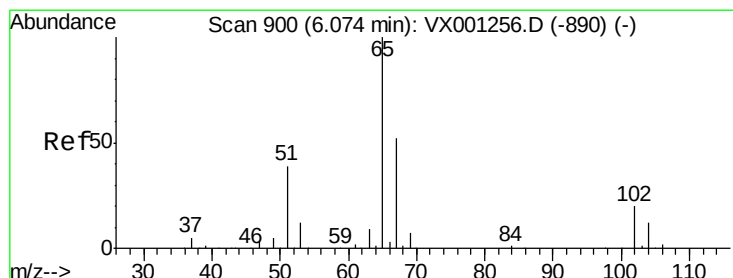
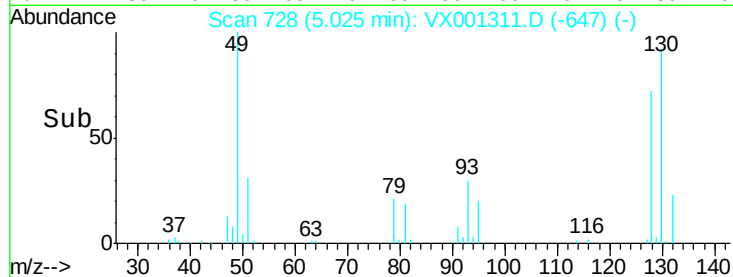
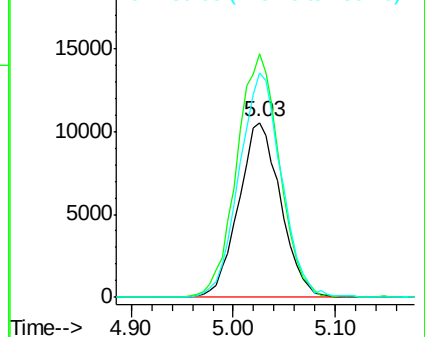
130 128.8 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#27

1,2-Dichloroethane-d4

Concen: 30.53 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001311.D

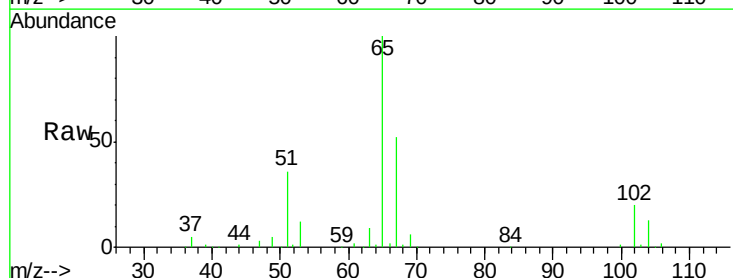
Acq: 02 May 2018 11:34

Tgt Ion: 65 Resp: 66340

Ion Ratio Lower Upper

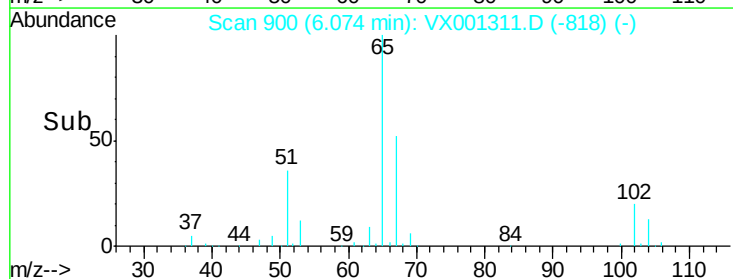
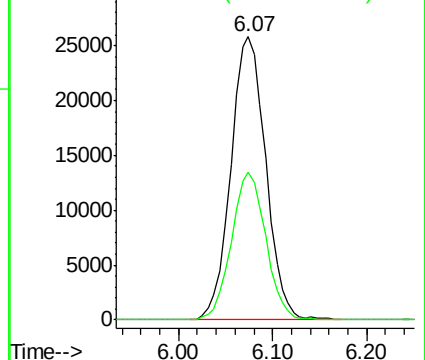
65 100

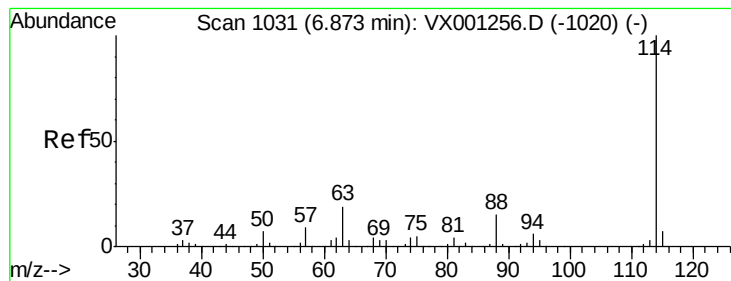
67 51.2 41.4 62.2



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0





#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001311.D

Acq: 02 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

TB-008

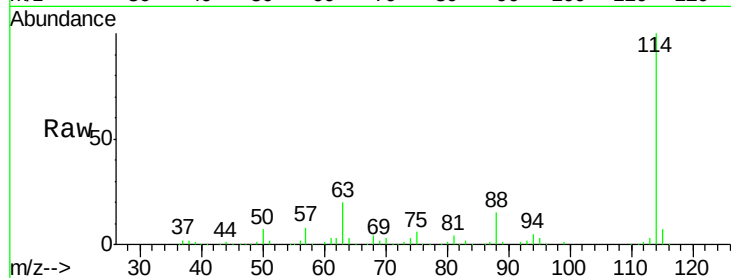
Tot Ion:114 Resp: 160907

Ion Ratio Lower Upper

114 100

63 19.2 15.0 22.4

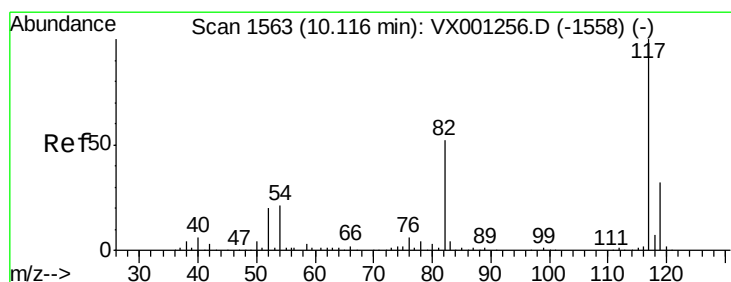
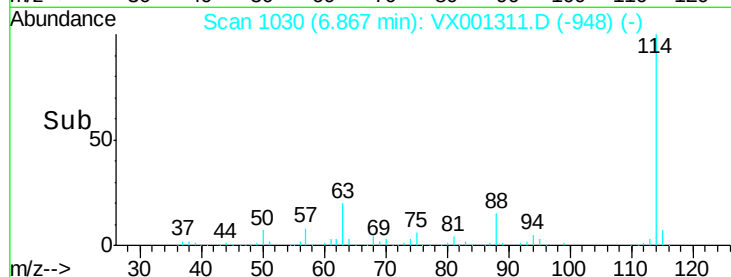
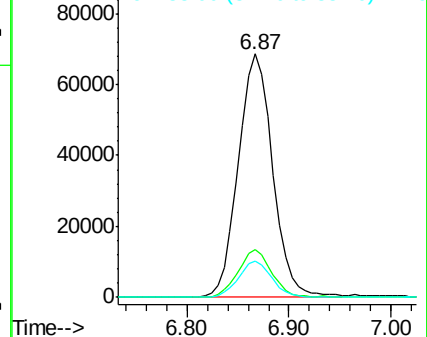
88 14.4 11.8 17.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0



#57

Chlorobenzene-d5

Concen: 30.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX001311.D

Acq: 02 May 2018 11:34

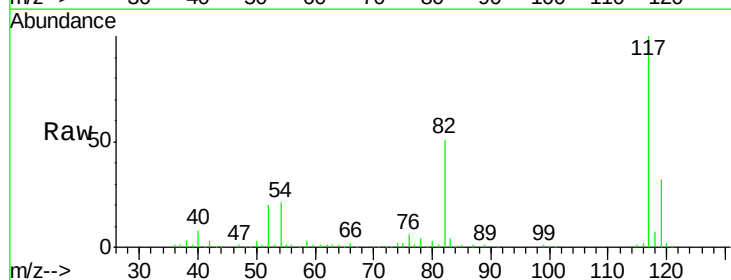
Tgt Ion:117 Resp: 145861

Ion Ratio Lower Upper

117 100

82 51.2 43.0 64.4

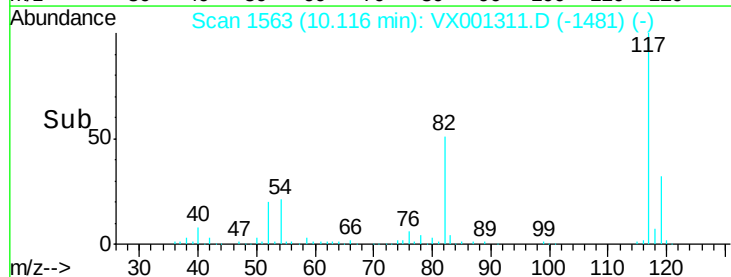
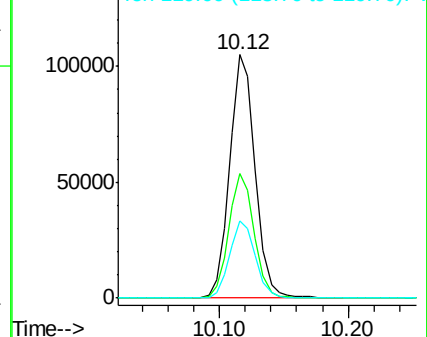
119 32.1 25.8 38.8

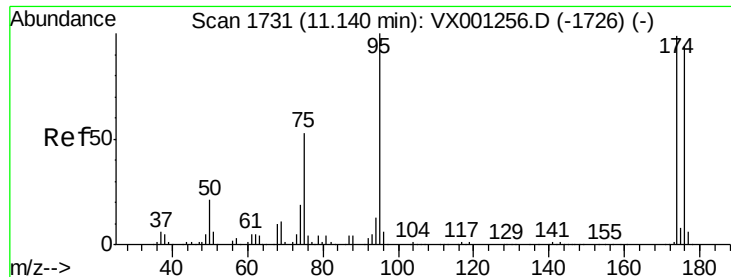


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

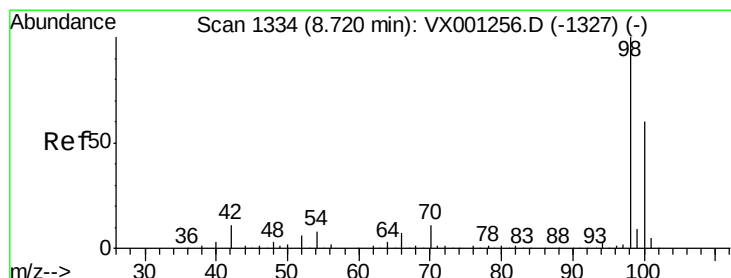
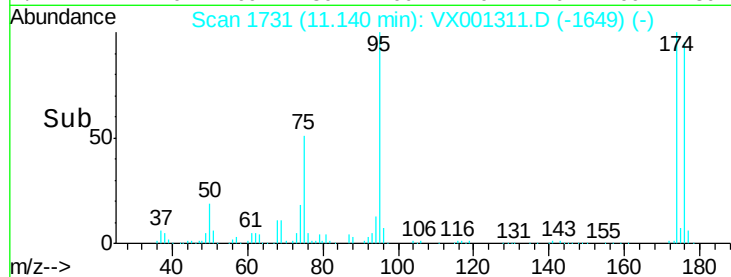
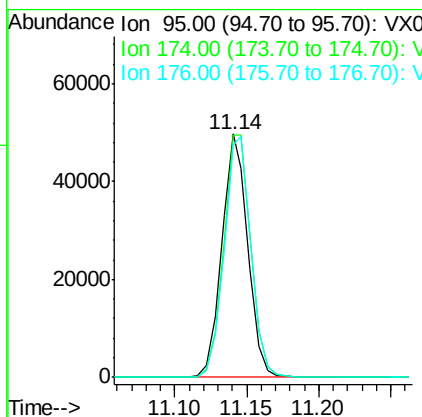
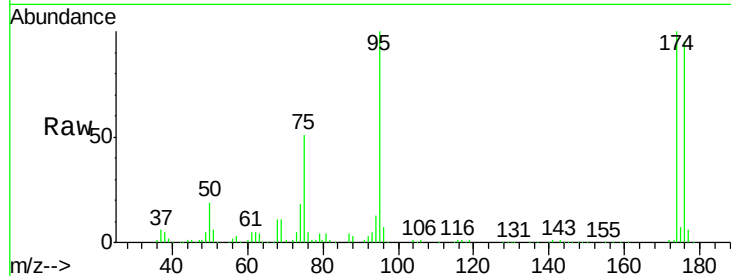




#60
 4-Bromofluorobenzene
 Concen: 25.81 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX001311.D
 Acq: 02 May 2018 11:34

Instrument :
 MSVOA_X
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 TB-008

Tot Ion: 95 Resp: 63081
 Ion Ratio Lower Upper
 95 100
 174 104.7 71.1 106.7
 176 101.6 69.3 103.9



#63
 Toluene-d8
 Concen: 30.02 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX001311.D
 Acq: 02 May 2018 11:34

Tgt Ion: 98 Resp: 187747
 Ion Ratio Lower Upper
 98 100
 100 63.8 50.0 75.0

