

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111419\
 Data File : VX013411.D
 Acq On : 14 Nov 2019 10:34
 Operator : JC/SP
 Sample : VX1114WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBL01

Quant Time: Nov 15 01:23:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	121668	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	681464	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	579904	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	263736	29.36	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.87%
60) 4-Bromofluorobenzene	11.14	95	249755	26.80	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	89.33%
63) Toluene-d8	8.71	98	808473	30.83	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.77%

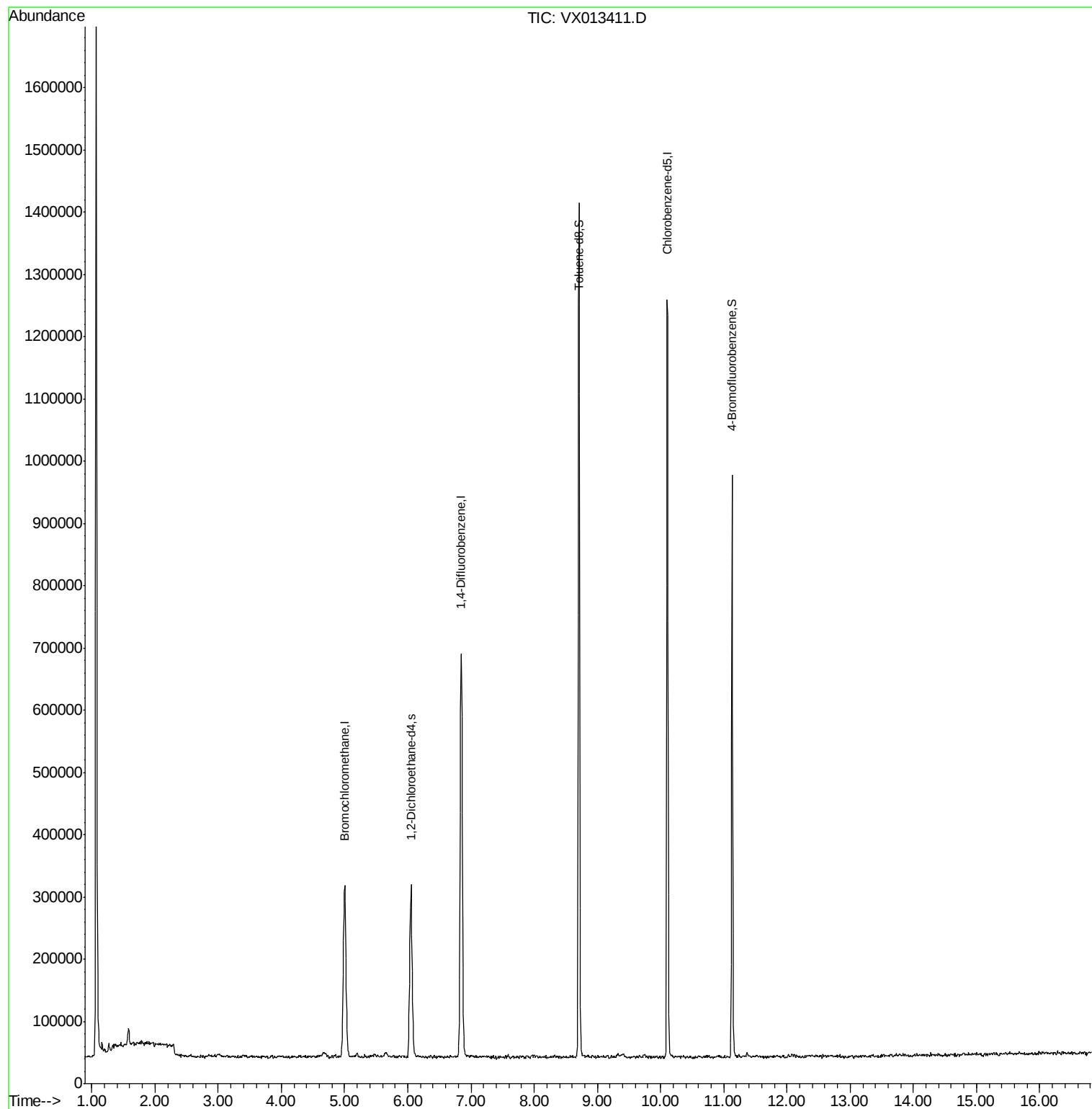
Target Compounds	Ovalue

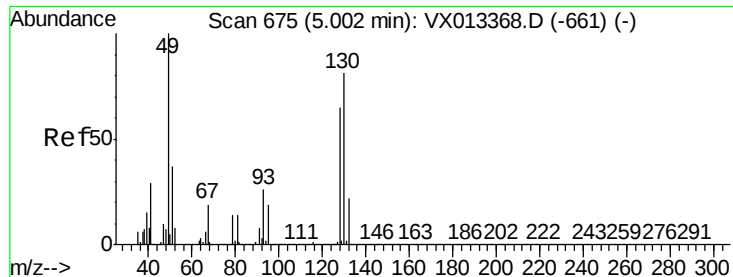
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 12 01:16:13 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.00 min

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Acq: 14 Nov 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBL01

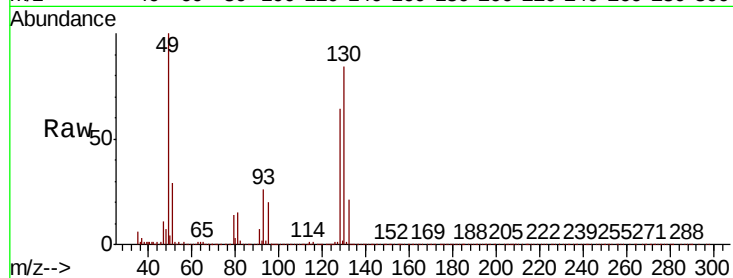
Tot Ion:128 Resp: 121668

Ion Ratio Lower Upper

128 100

49 157.4 0.0 388.3

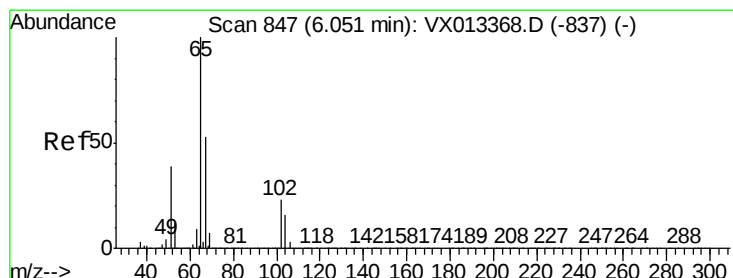
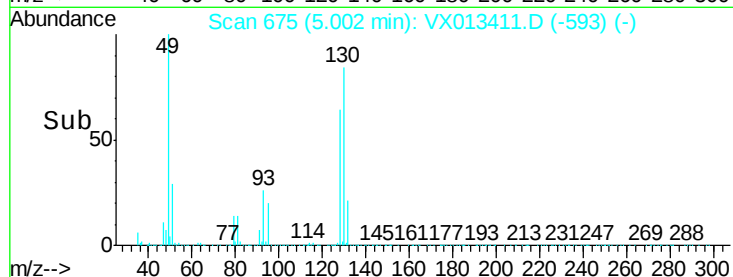
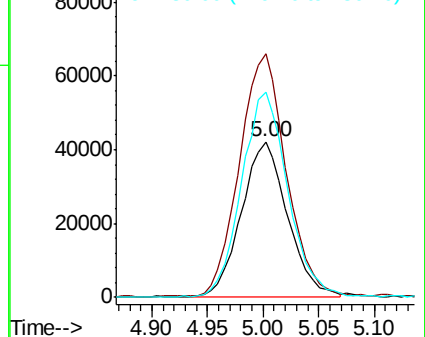
130 131.4 0.0 318.5



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: 29.356 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013411.D

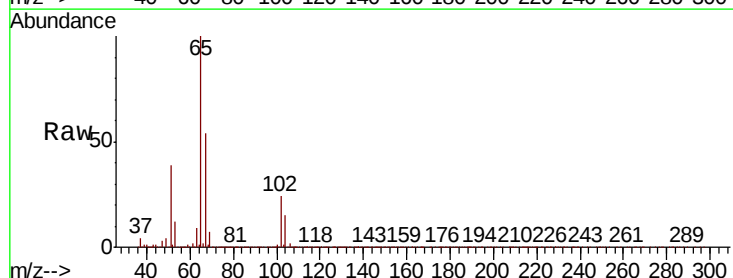
Acq: 14 Nov 2019 10:34

Tgt Ion: 65 Resp: 263736

Ion Ratio Lower Upper

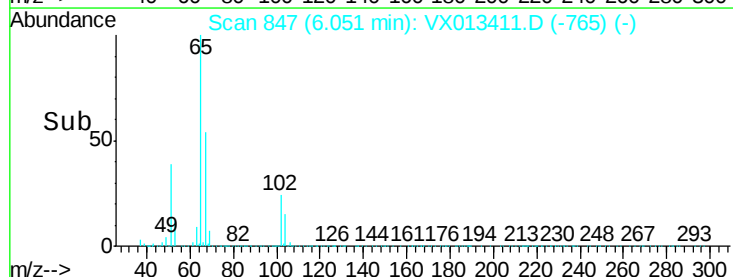
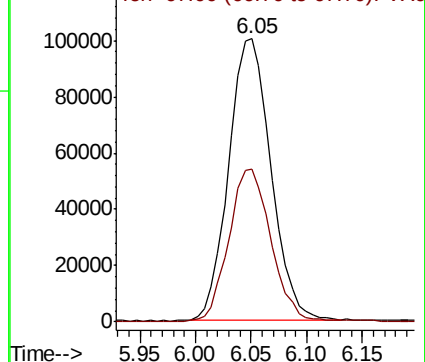
65 100

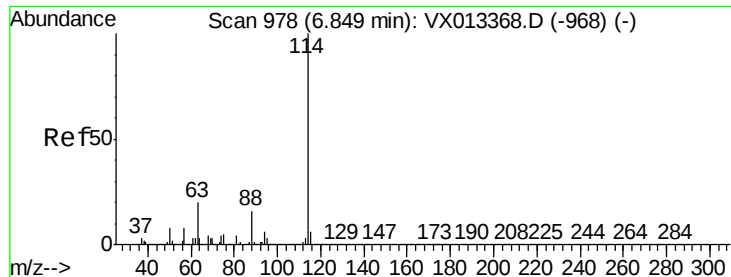
67 53.9 41.0 61.6



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013411.D

Acq: 14 Nov 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBL01

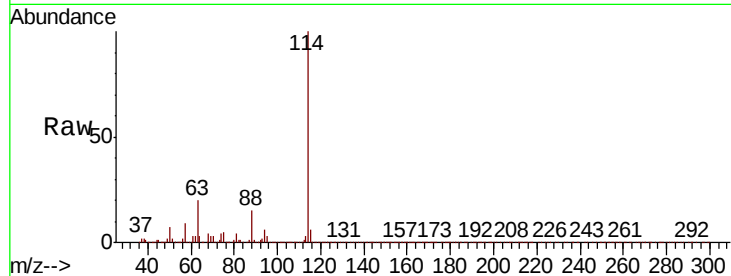
Tot Ion:114 Resp: 681464

Ion Ratio Lower Upper

114 100

63 20.2 16.1 24.1

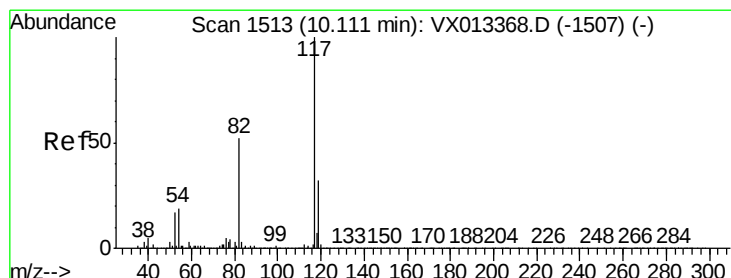
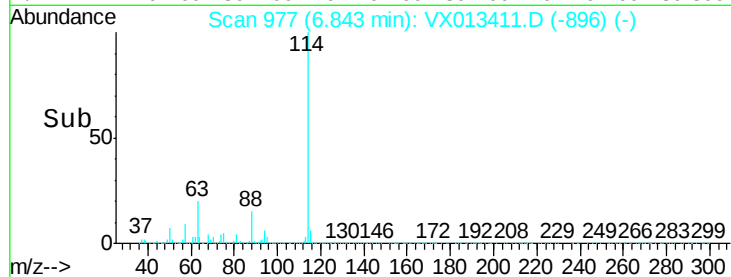
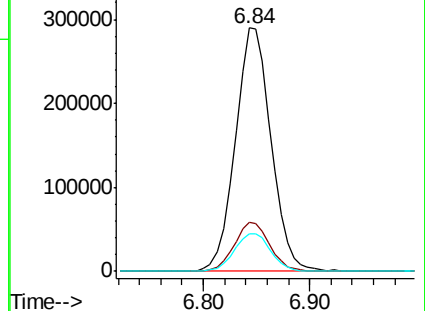
88 15.8 12.3 18.5



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: 30.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013411.D

Acq: 14 Nov 2019 10:34

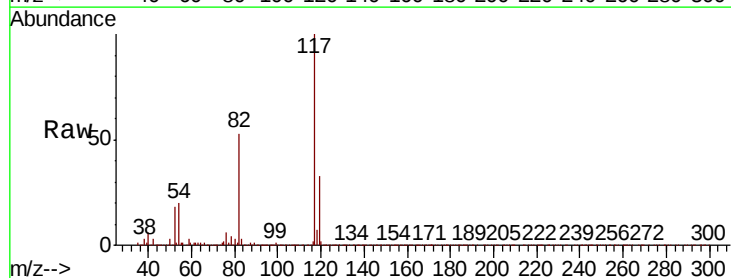
Tgt Ion:117 Resp: 579904

Ion Ratio Lower Upper

117 100

82 54.7 43.7 65.5

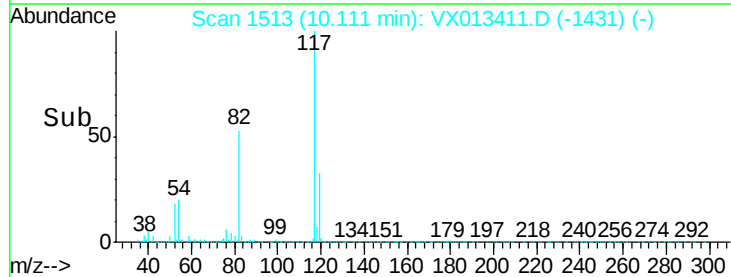
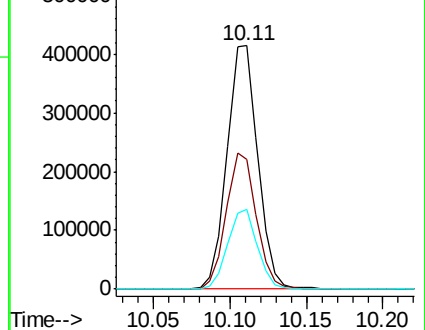
119 31.9 25.5 38.3

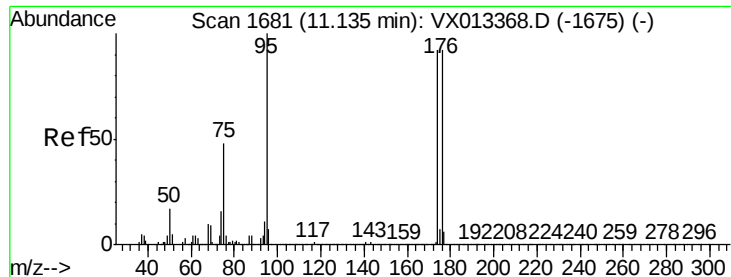


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

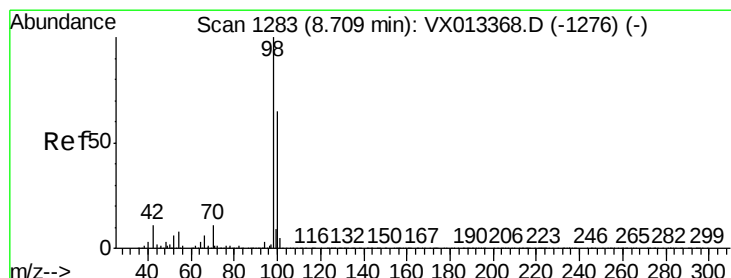
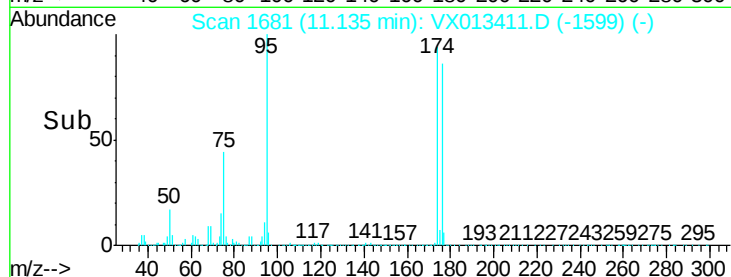
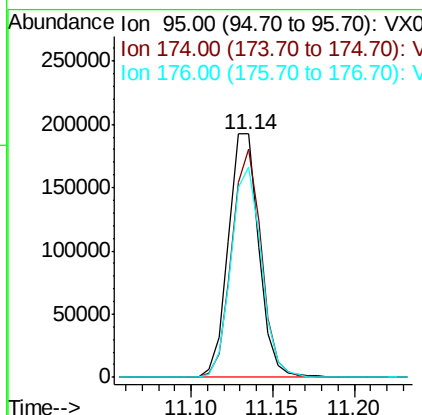
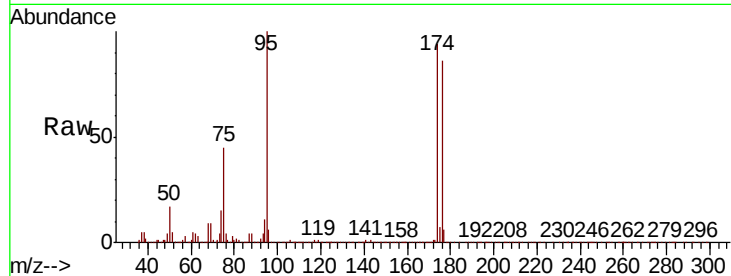




#60
4-Bromofluorobenzene
Concen: 26.796 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013411.D
Acq: 14 Nov 2019 10:34

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Tot Ion	Ratio	Lower	Upper
95	100		
174	90.9	70.2	105.2
176	86.3	68.3	102.5



#63
Toluene-d8
Concen: 30.830 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013411.D
Acq: 14 Nov 2019 10:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.5	78.7

