

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051719\
 Data File : VX009658.D
 Acq On : 17 May 2019 12:56
 Operator : JC/SP
 Sample : K2861-02 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-001-IDWGW-20190514

Quant Time: May 18 05:21:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	28727	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	167918	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	147454	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.06	65	74629	31.32	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.40%
60) 4-Bromofluorobenzene	11.13	95	69248	27.64	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.13%
63) Toluene-d8	8.71	98	209447	29.96	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.87%

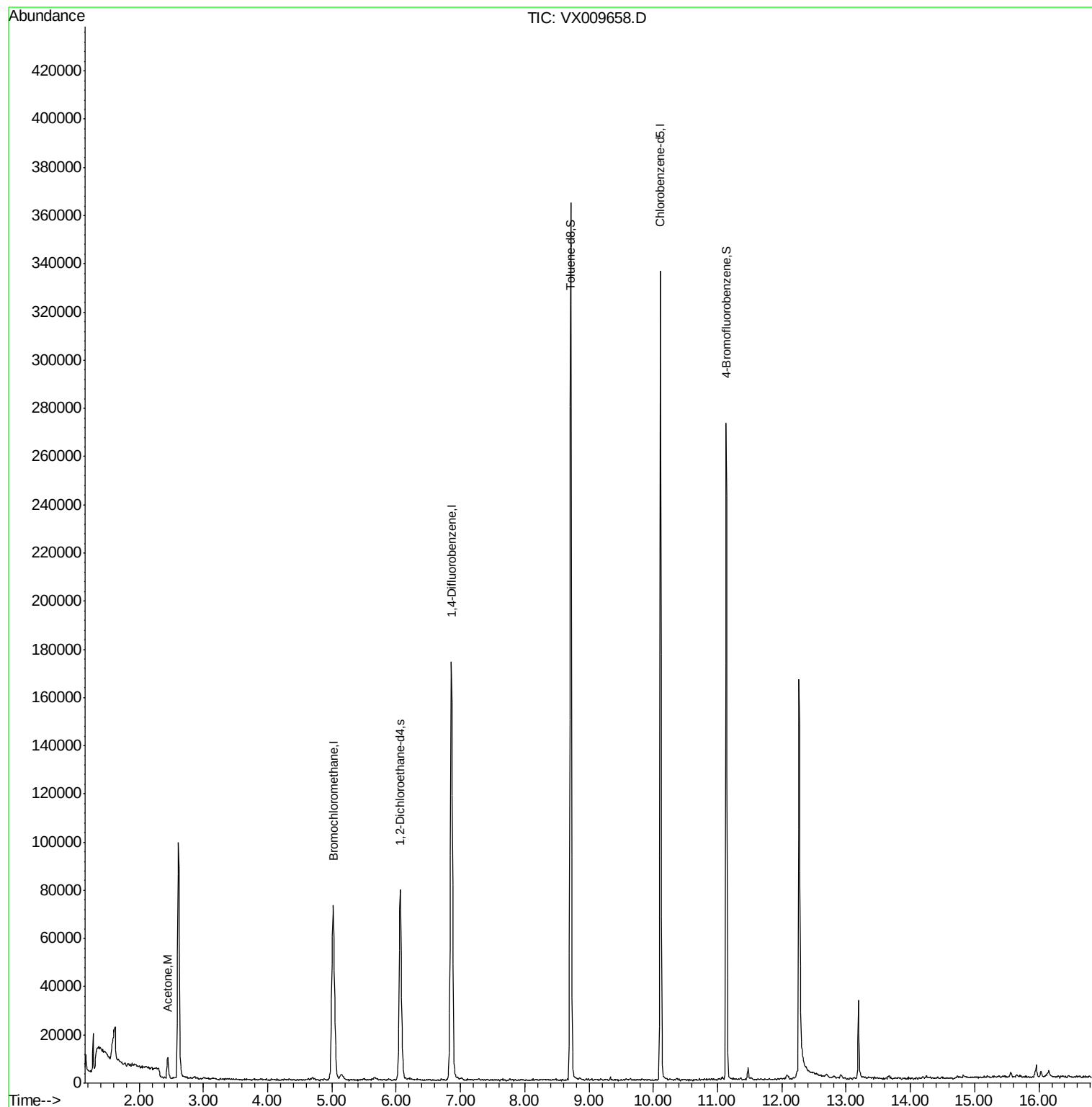
Target Compounds					Ovalue
15) Acetone	2.45	58	3166	8.585 ug/l	95

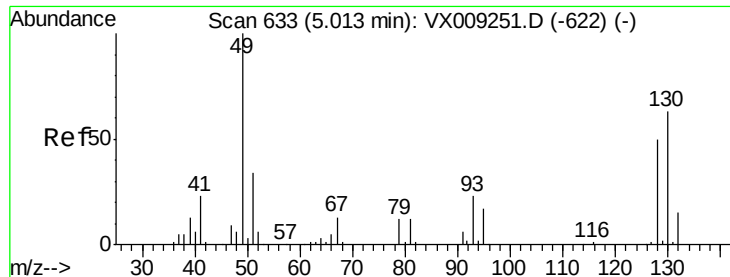
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 02 06:46:57 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.01 min

Lab File: VX009658.D

Acq: 17 May 2019 12:56

Instrument :

MSVOA_X

ClientSampleId :

TT-001-IDW/GW-20190514

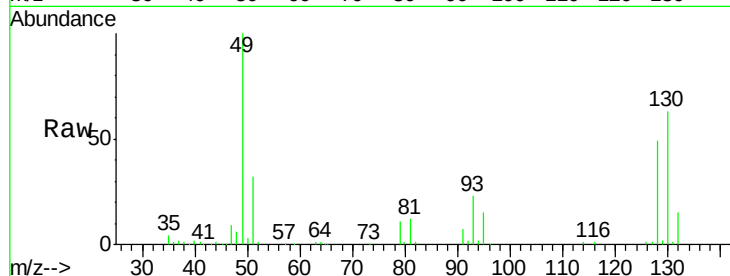
Tot Ion:128 Resp: 28727

Ion Ratio Lower Upper

128 100

49 206.1 0.0 515.0

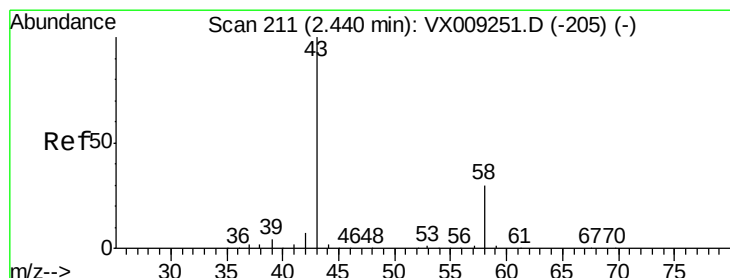
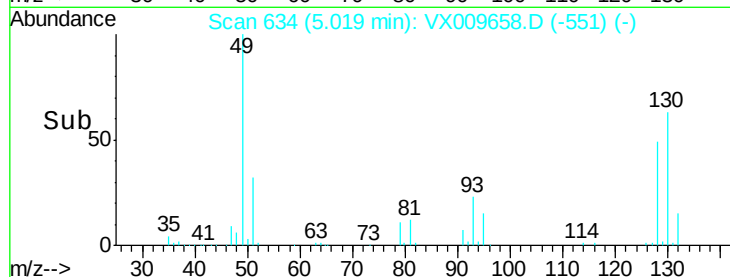
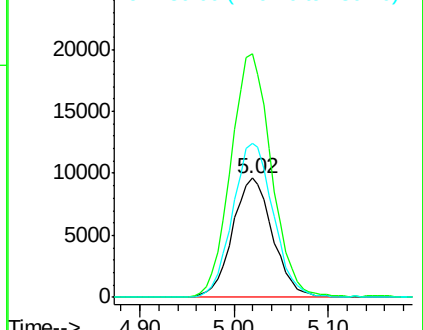
130 130.5 0.0 323.3



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



#15

Acetone

Concen: 8.585 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX009658.D

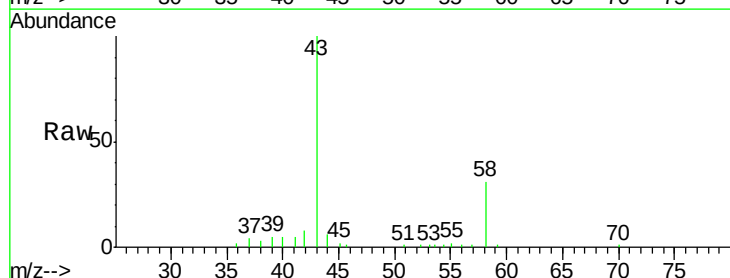
Acq: 17 May 2019 12:56

Tgt Ion: 58 Resp: 3166

Ion Ratio Lower Upper

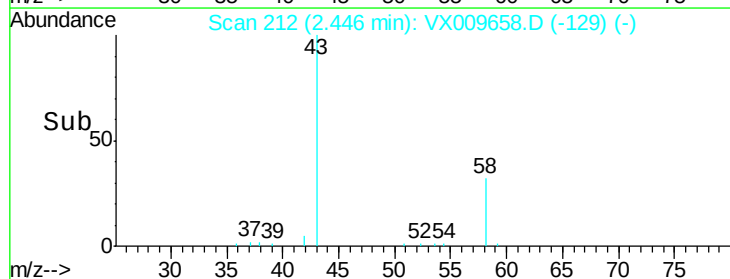
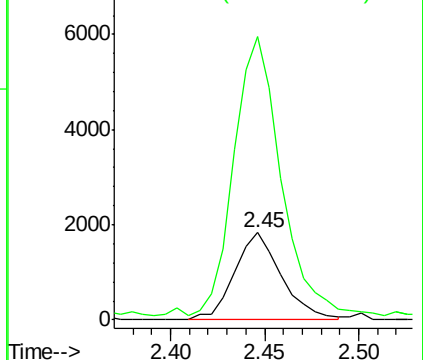
58 100

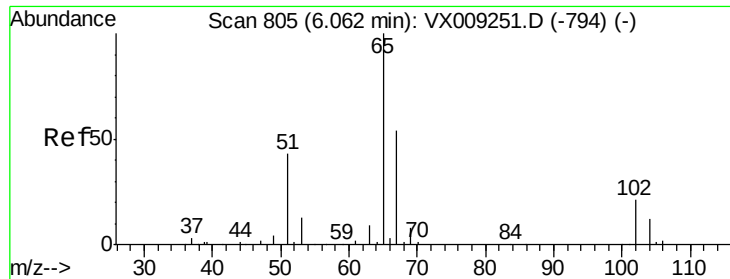
43 319.4 264.0 396.0



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 31.317 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009658.D

Acq: 17 May 2019 12:56

Instrument :

MSVOA_X

ClientSampleId :

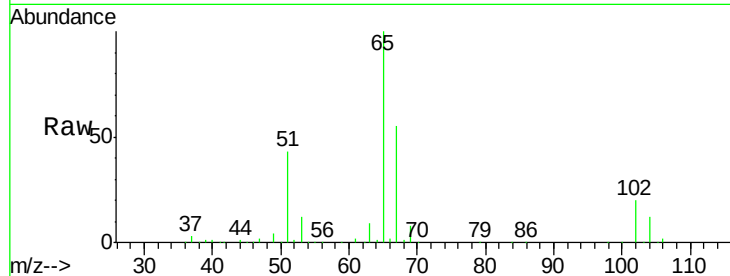
TT-001-IDW/GW-20190514

Tot Ion: 65 Resp: 74629

Ion Ratio Lower Upper

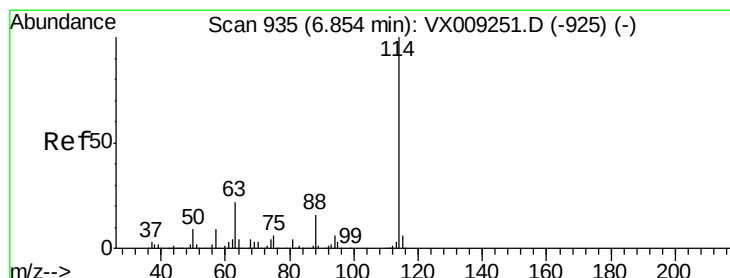
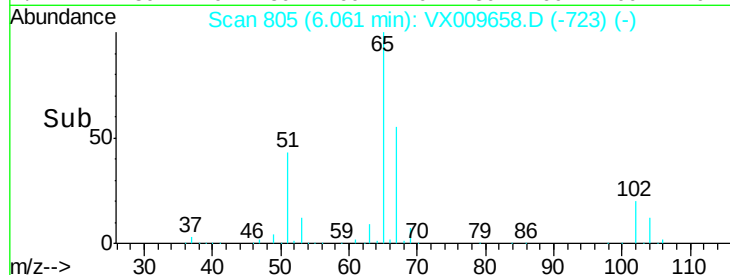
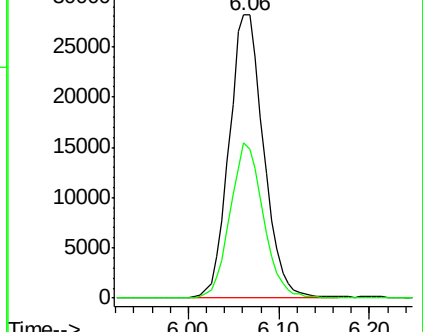
65 100

67 52.4 43.1 64.7



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: 6.86 min Scan# 936

Delta R.T. 0.01 min

Lab File: VX009658.D

Acq: 17 May 2019 12:56

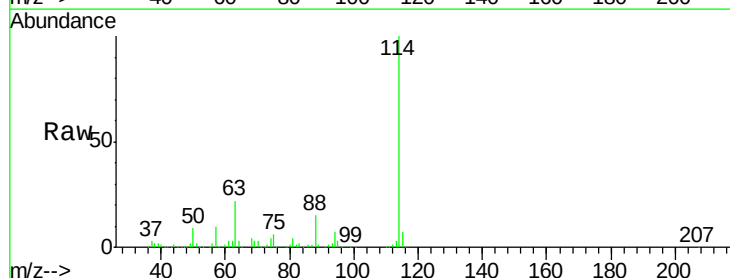
Tgt Ion: 114 Resp: 167918

Ion Ratio Lower Upper

114 100

63 23.1 18.0 27.0

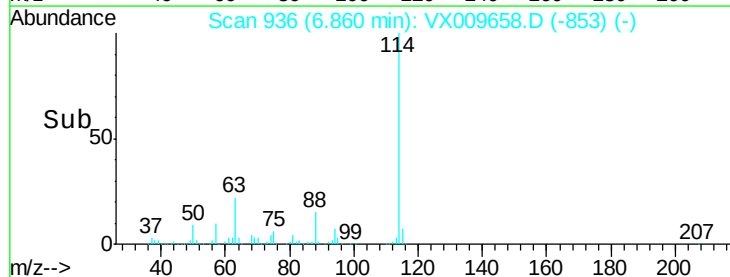
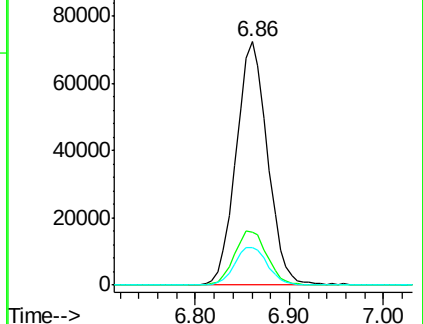
88 16.2 13.4 20.0

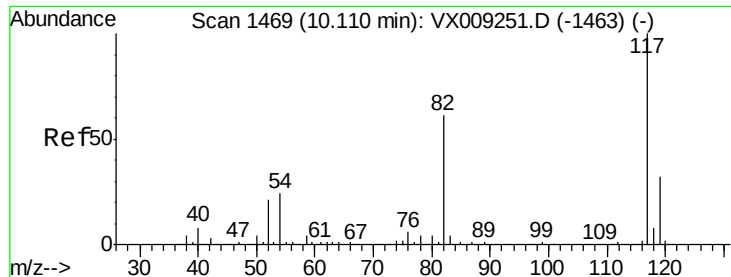


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

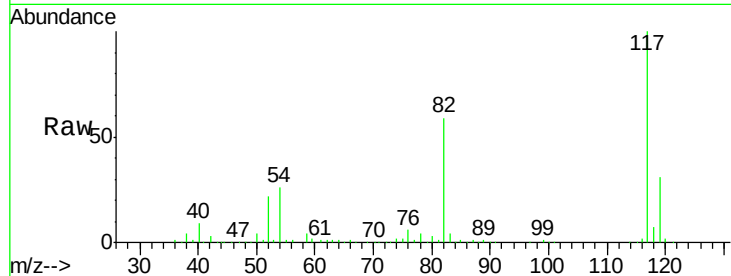




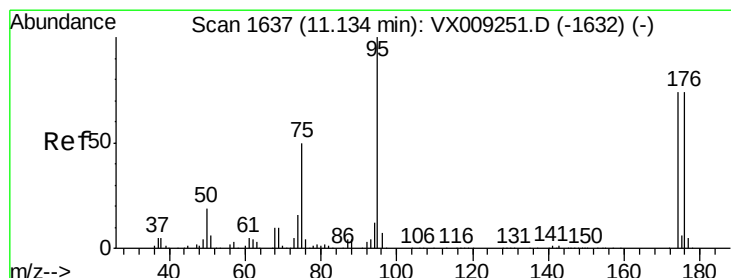
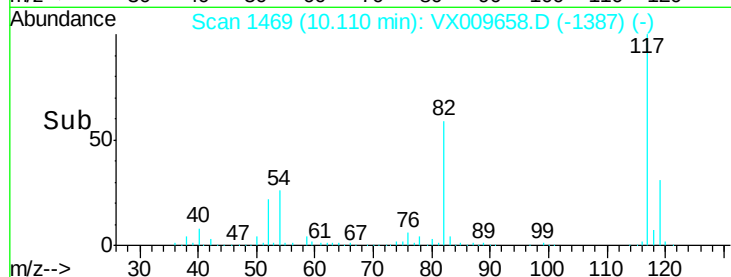
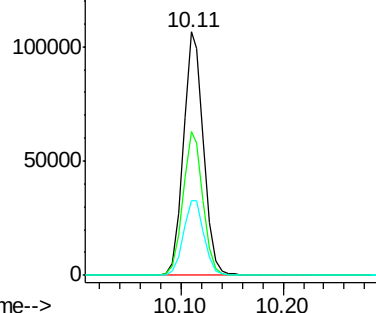
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009658.D
Acq: 17 May 2019 12:56

Instrument :
MSVOA_X
ClientSampleId :
TT-001-IDW/GW-20190514

Tot Ion:117 Resp: 147454
Ion Ratio Lower Upper
117 100
82 58.4 47.8 71.8
119 31.6 25.6 38.4

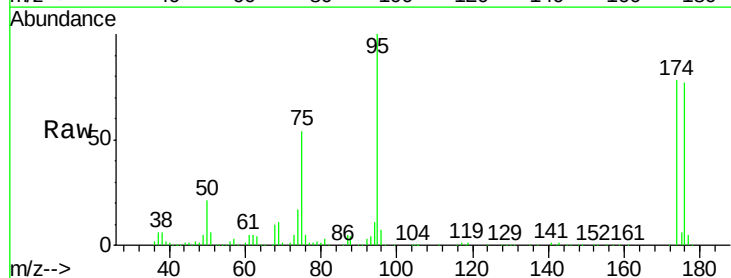


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

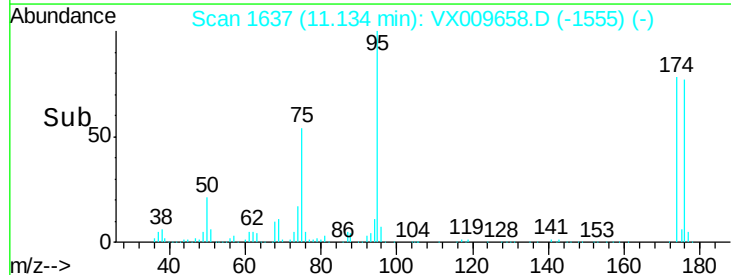
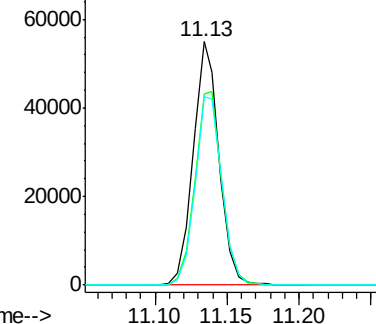


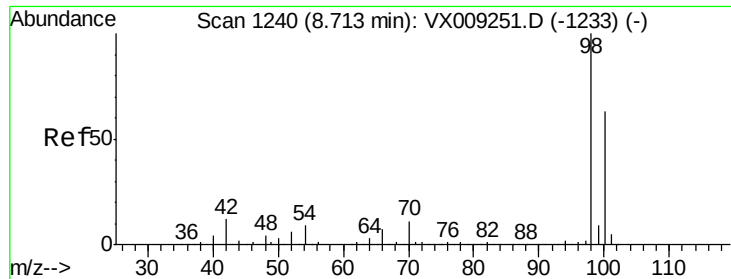
#60
4-Bromofluorobenzene
Concen: 27.637 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009658.D
Acq: 17 May 2019 12:56

Tgt Ion: 95 Resp: 69248
Ion Ratio Lower Upper
95 100
174 83.2 63.6 95.4
176 80.8 62.4 93.6



Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#63

Toluene-d8

Concen: 29.960 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009658.D

Acq: 17 May 2019 12:56

Instrument :

MSVOA_X

ClientSampleId :

TT-001-IDW/GW-20190514

Tot Ion: 98 Resp: 209447

Ion Ratio Lower Upper

98 100

100 63.6 52.3 78.5

