

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121719\
 Data File : VX014074.D
 Acq On : 18 Dec 2019 01:51
 Operator : JC/SP
 Sample : K6348-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Dec 18 08:16:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	94535	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	497995	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	442271	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	200967	29.68	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.93%
60) 4-Bromofluorobenzene	11.14	95	189126	26.48	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	88.27%
63) Toluene-d8	8.71	98	603725	30.54	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.80%

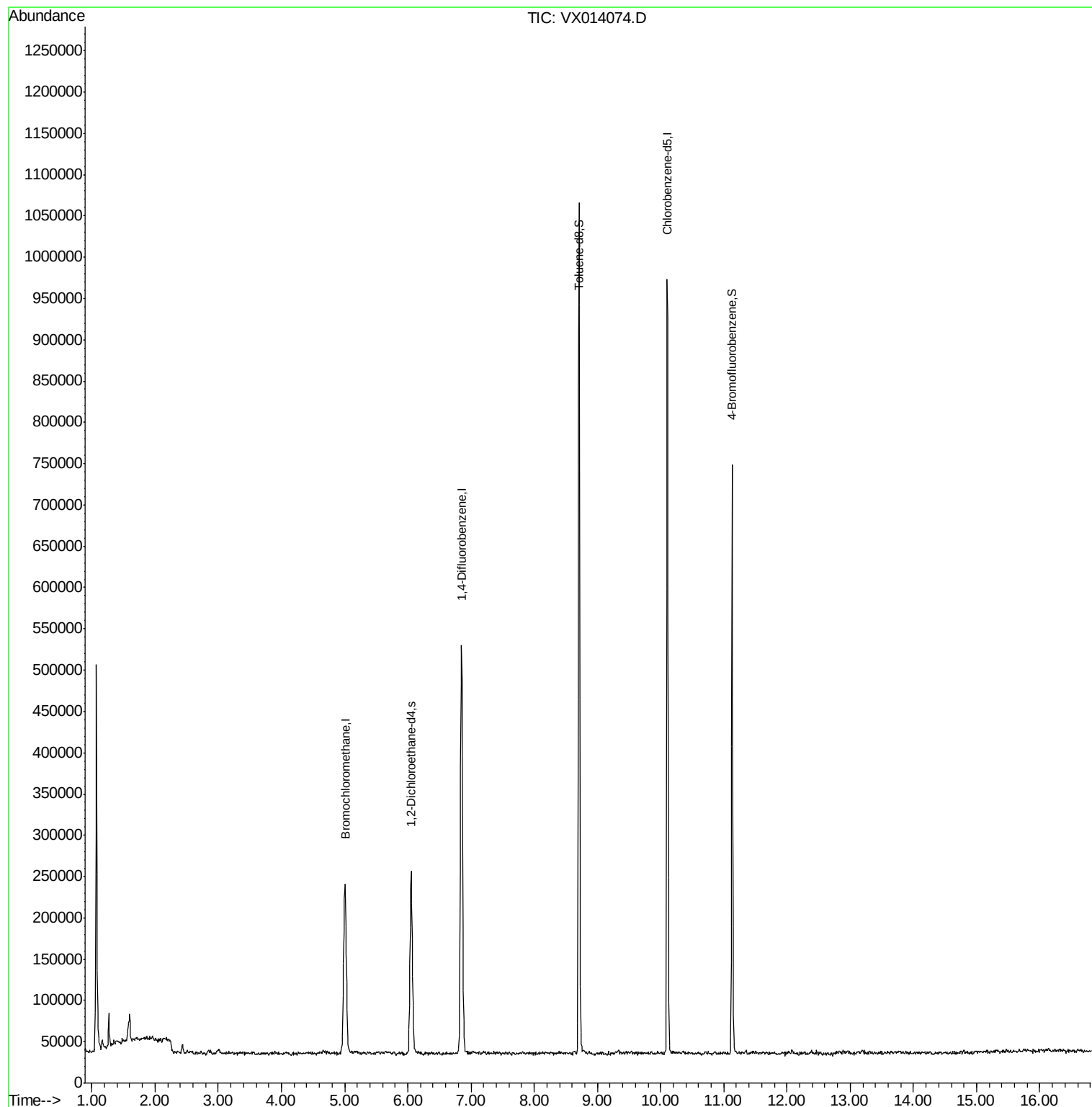
Target Compounds	Ovalue

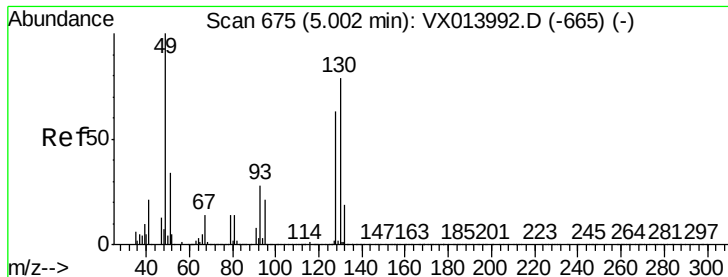
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121719\
Data File : VX014074.D
Acq On : 18 Dec 2019 01:51
Operator : JC/SP
Sample : K6348-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Quant Time: Dec 18 08:16:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 13 01:35:34 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX014074.D

Acq: 18 Dec 2019 01:51

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

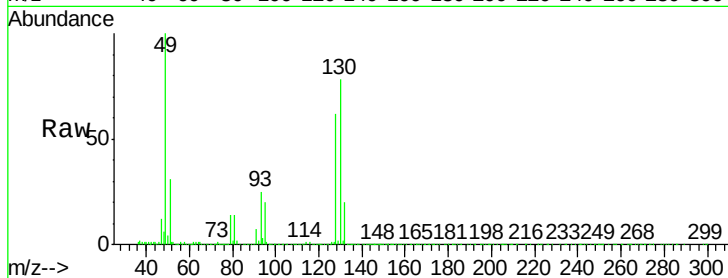
Tot Ion:128 Resp: 94535

Ion Ratio Lower Upper

128 100

49 161.3 0.0 405.0

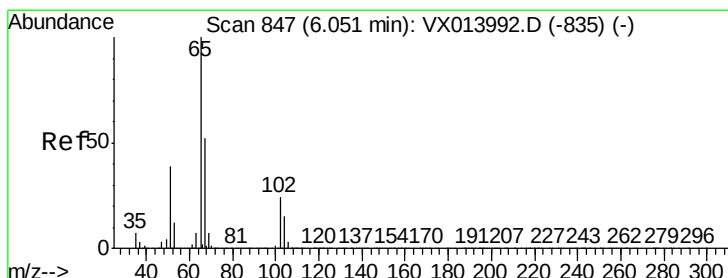
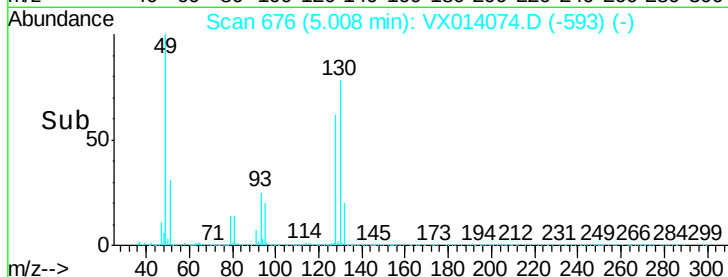
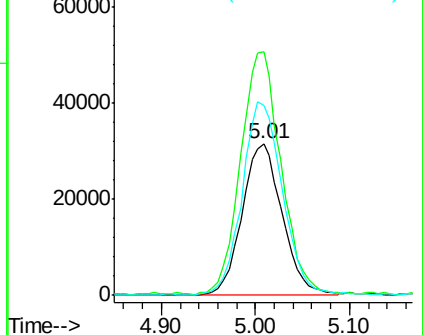
130 127.3 0.0 321.5



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: 29.683 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014074.D

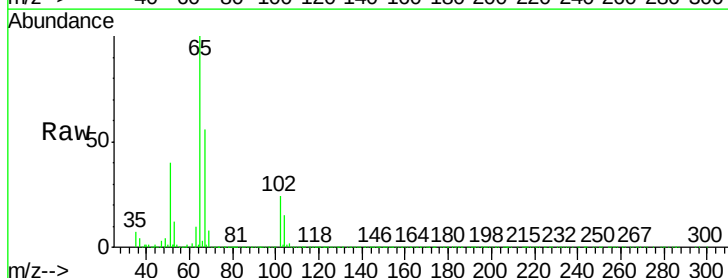
Acq: 18 Dec 2019 01:51

Tgt Ion: 65 Resp: 200967

Ion Ratio Lower Upper

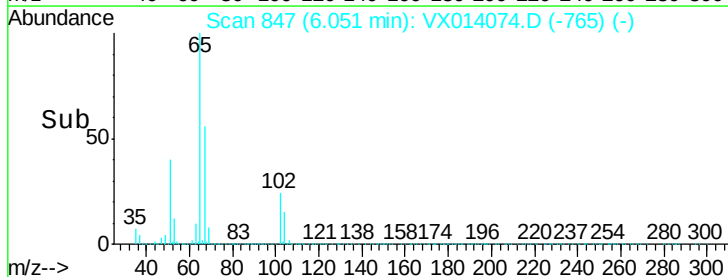
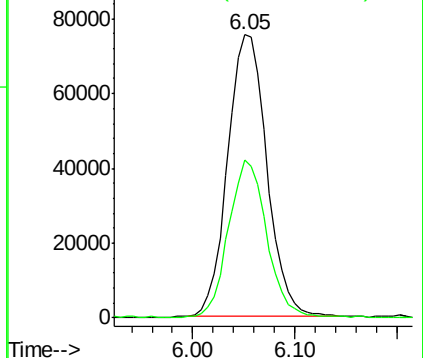
65 100

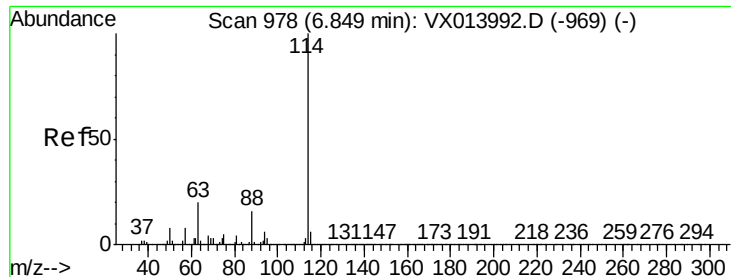
67 53.8 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

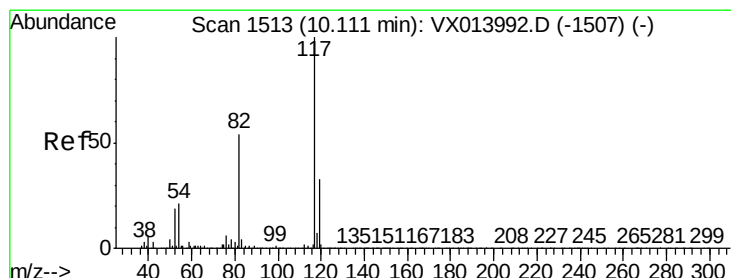
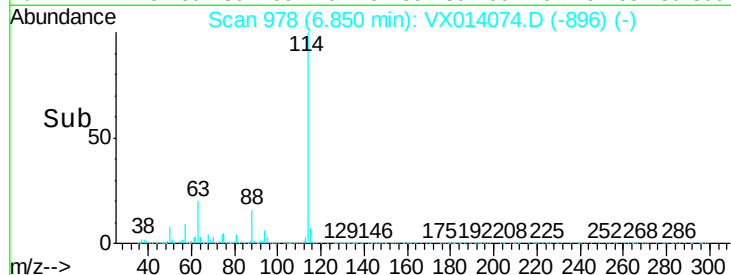
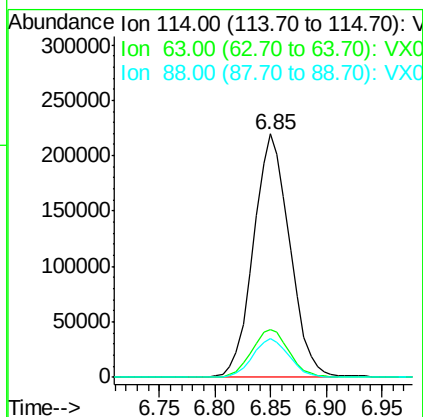
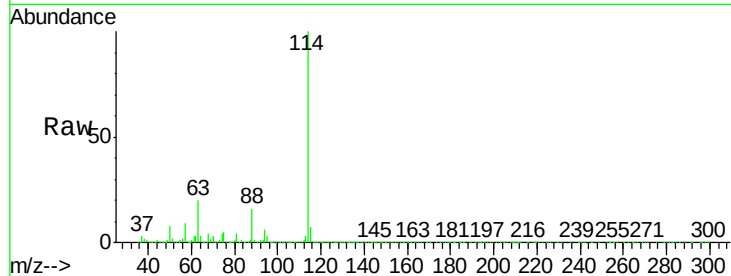




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014074.D
 Acq: 18 Dec 2019 01:51

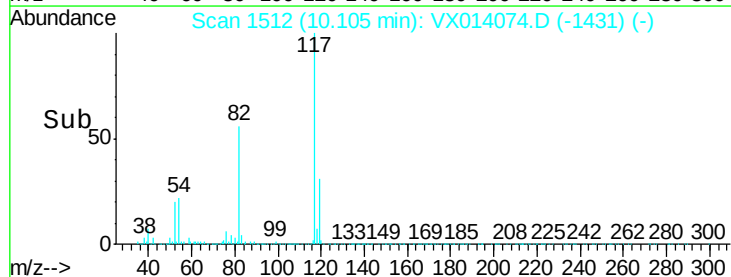
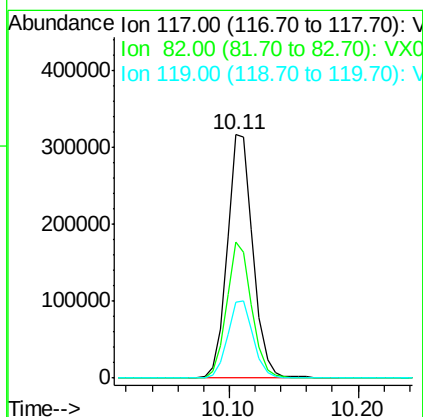
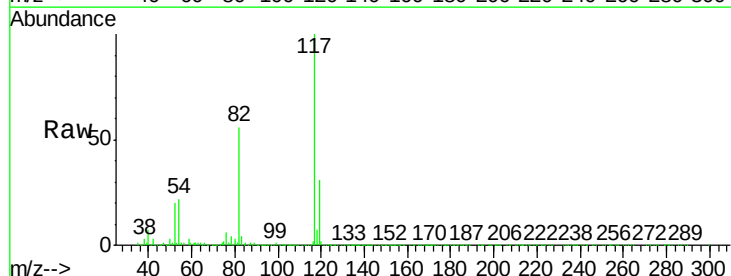
Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

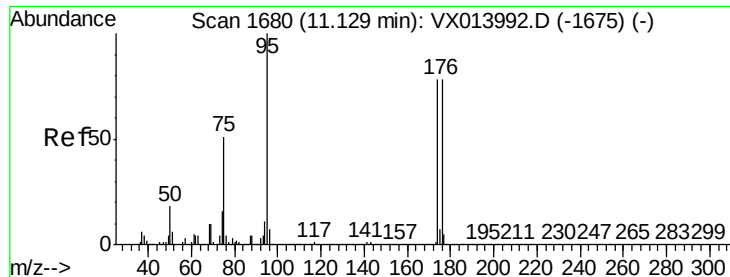
Tot Ion:	114	Resp:	497995
Ion	Ratio	Lower	Upper
114	100		
63	20.2	16.1	24.1
88	16.1	12.5	18.7



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.11 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: VX014074.D
 Acq: 18 Dec 2019 01:51

Tgt Ion:	117	Resp:	442271
Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.8	65.6
119	31.3	25.8	38.6

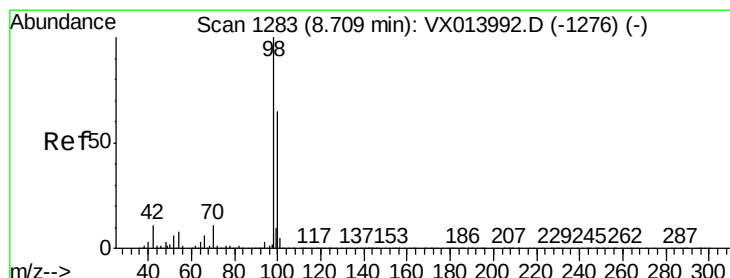
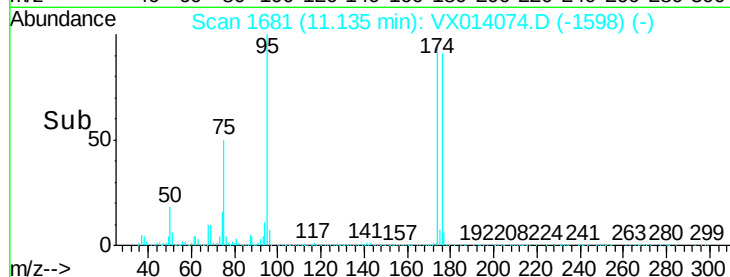
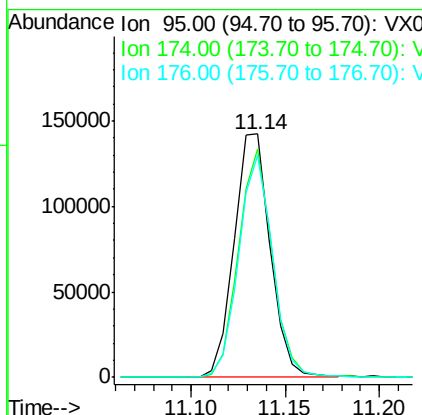
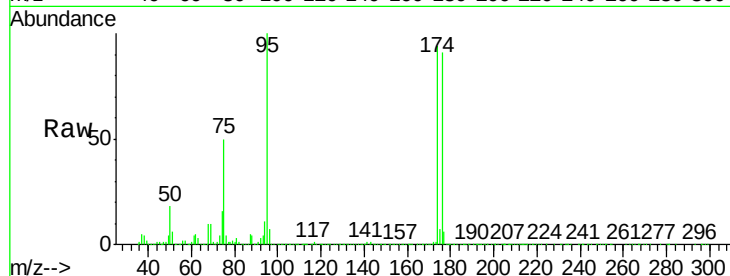




#60
4-Bromofluorobenzene
Concen: 26.482 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX014074.D
Acq: 18 Dec 2019 01:51

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tot Ion	Ratio	Lower	Upper
95	100		
174	88.2	70.2	105.2
176	85.9	68.3	102.5



#63
Toluene-d8
Concen: 30.539 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014074.D
Acq: 18 Dec 2019 01:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.2	78.2

