

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090721\
 Data File : VL037552.D
 Acq On : 7 Sep 2021 15:54
 Operator : SY/AP
 Sample : CAN 10158
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10158

Quant Time: Sep 08 11:10:37 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Aug 17 02:13:47 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1634964	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4911363	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	4331174	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3211847	10.44	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.40%

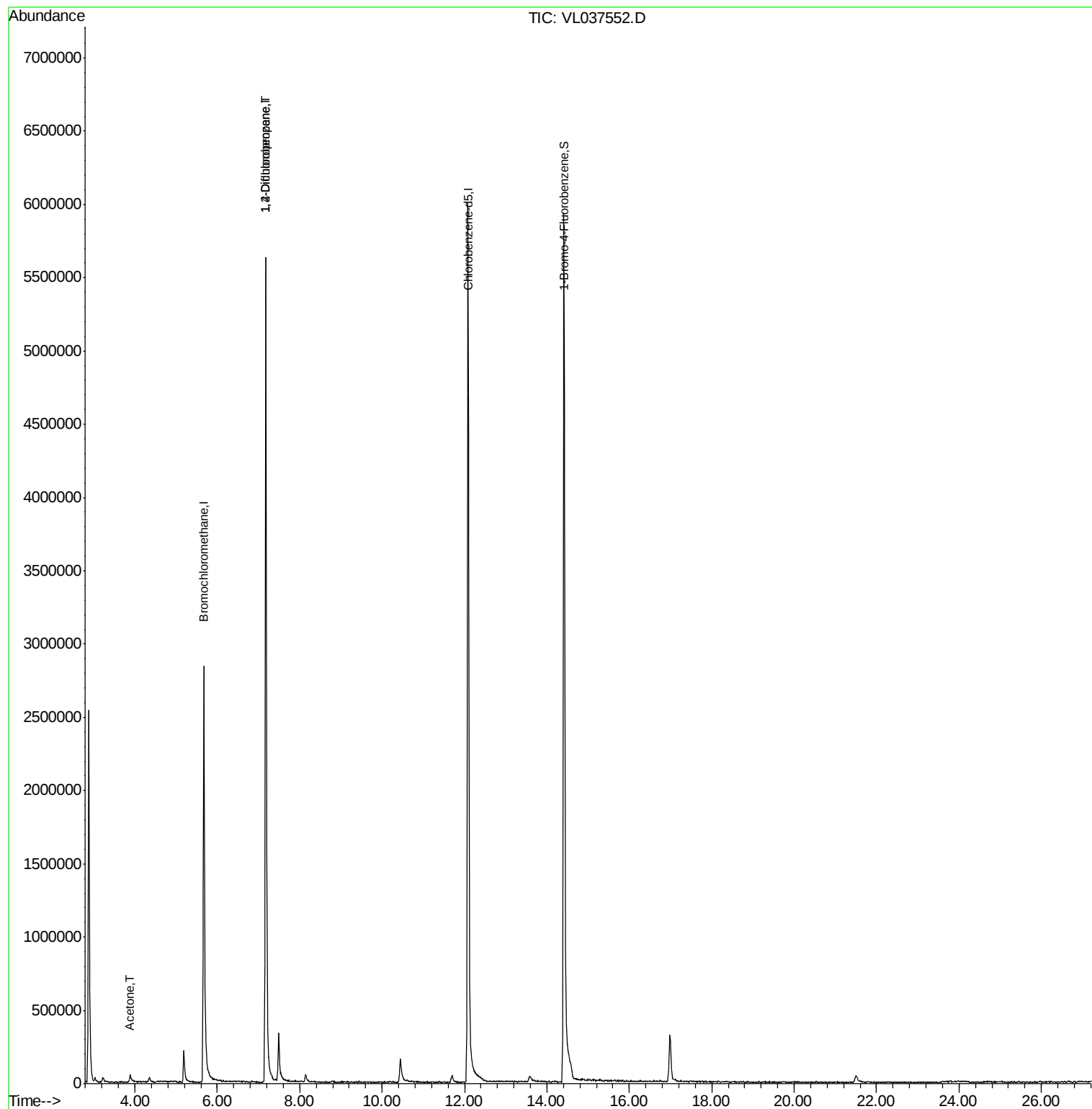
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.87	43	7086	0.043	ppbv #	44
39) 1,2-Dichloropropane	7.18	63	1141822	7.197	ppbv #	28

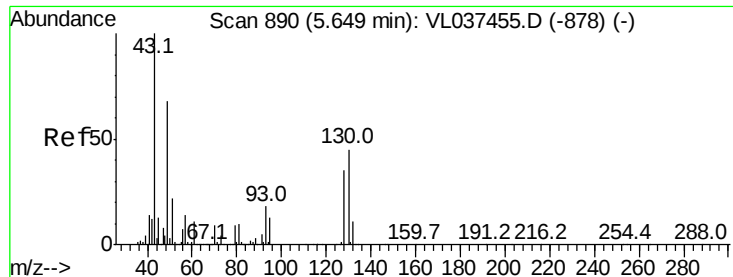
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. 0.02 min

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MSVOA_L

ClientSampleId :

CAN 10158

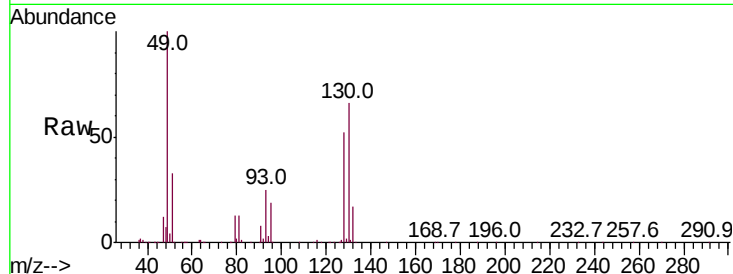
Tot Ion: 49 Resp: 1634964

Ion Ratio Lower Upper

49 100

128 55.8 27.5 82.4

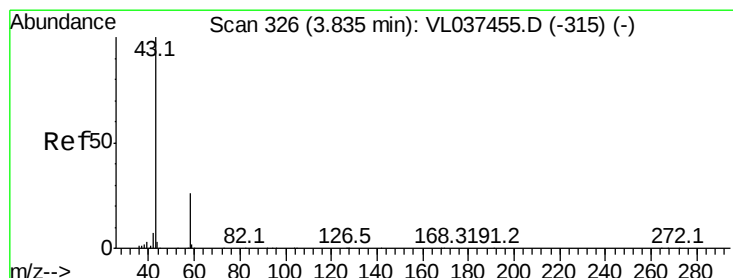
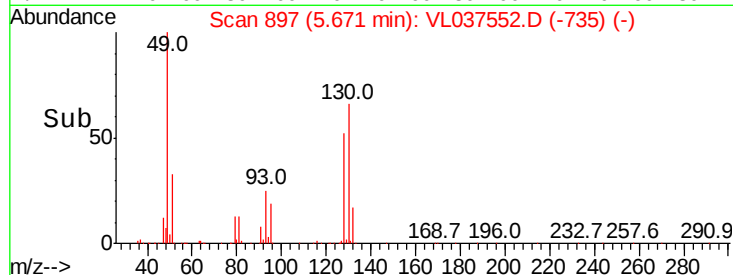
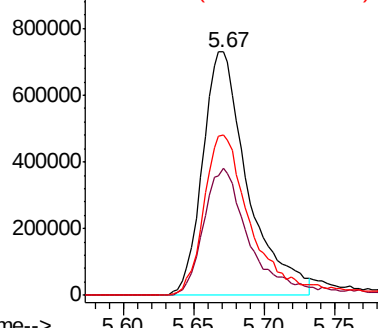
130 71.5 34.0 101.8



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.043 ppbv

RT: 3.87 min Scan# 336

Delta R.T. 0.03 min

Lab File: VL037552.D

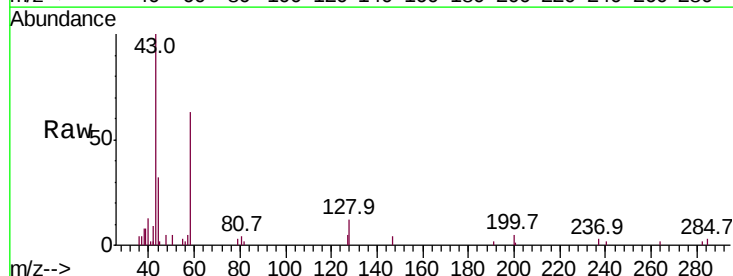
Acq: 7 Sep 2021 15:54

Tgt Ion: 43 Resp: 7086

Ion Ratio Lower Upper

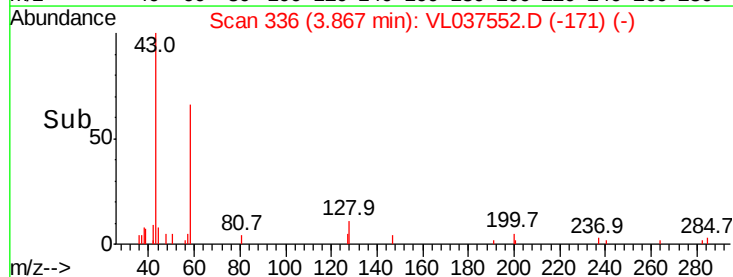
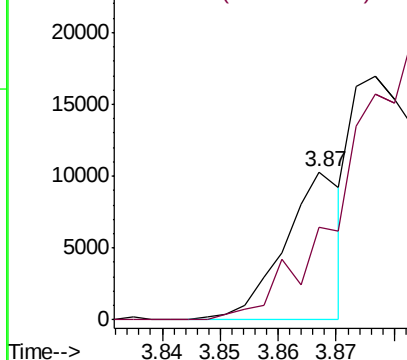
43 100

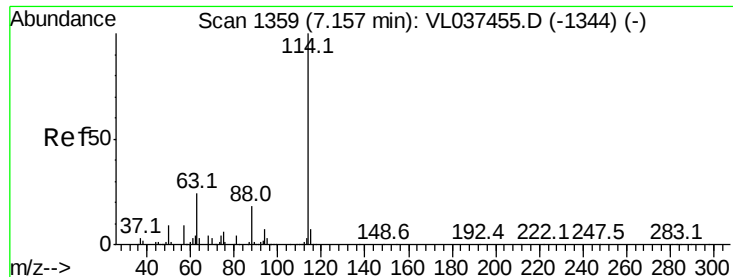
58 0.0 24.8 37.2#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1365

Delta R.T. 0.02 min

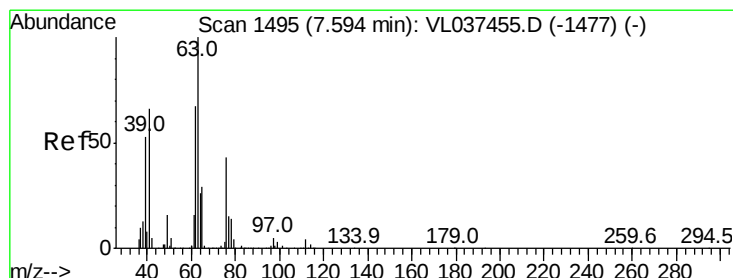
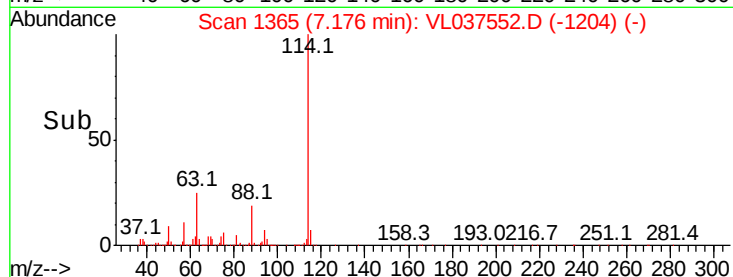
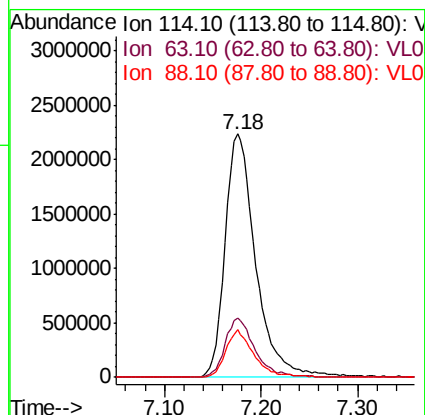
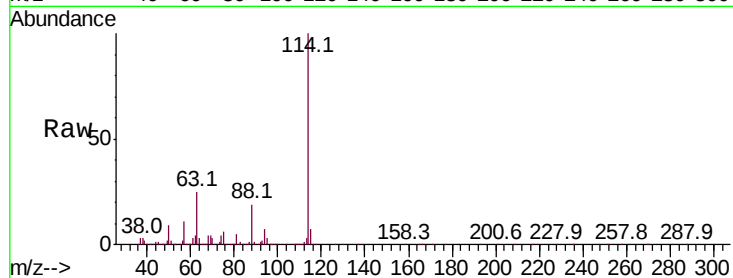
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Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Tot Ion:114 Resp: 4911363

Ion	Ratio	Lower	Upper
114	100		
63	24.1	19.3	28.9
88	18.2	14.2	21.4



#39

1,2-Dichloropropane

Concen: 7.197 ppbv

RT: 7.18 min Scan# 1365

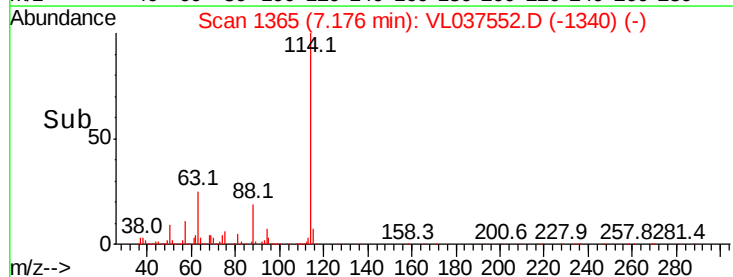
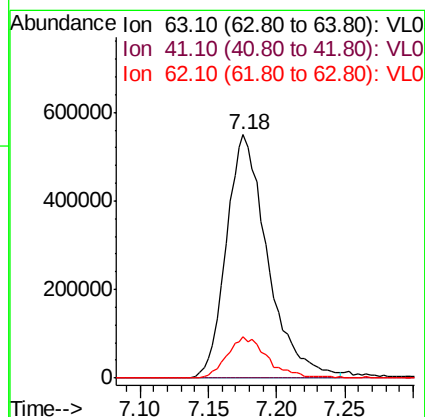
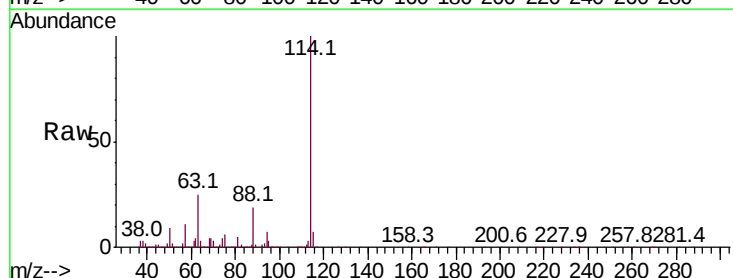
Delta R.T. -0.42 min

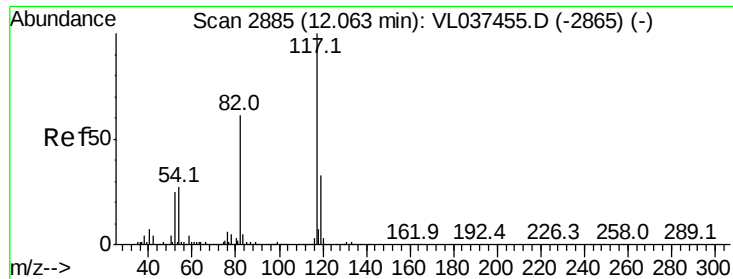
Lab File: VL037552.D

Acq: 7 Sep 2021 15:54

Tgt Ion: 63 Resp: 1141822

Ion	Ratio	Lower	Upper
63	100		
41	0.1	52.4	78.6#
62	17.0	53.6	80.4#

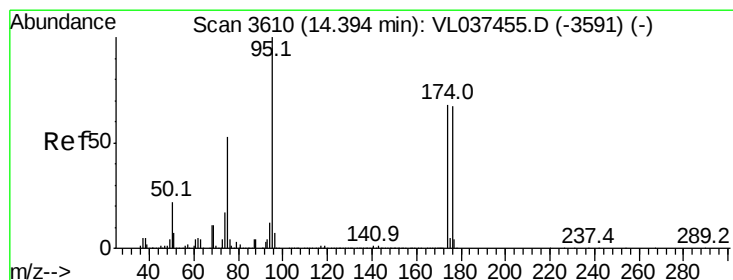
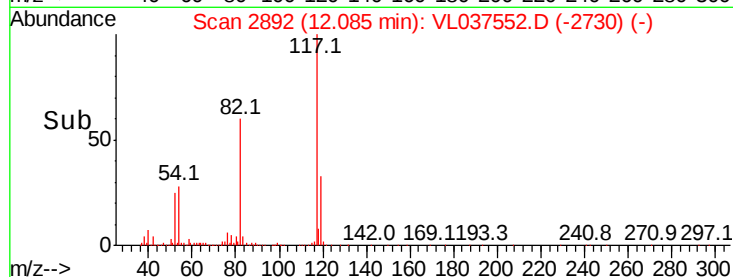
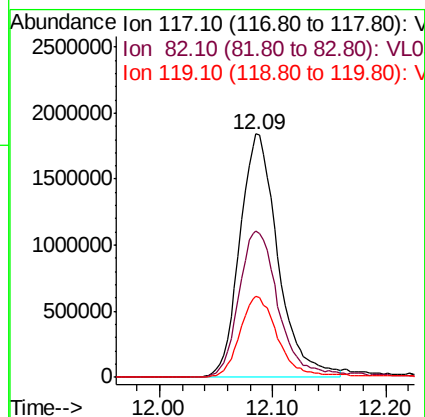
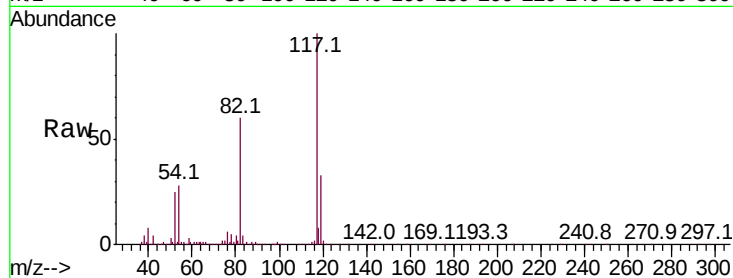




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. 0.02 min
Lab File: VL037552.D
Acq: 7 Sep 2021 15:54

Instrument :
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Tot Ion:117 Resp: 4331174
Ion Ratio Lower Upper
117 100
82 64.2 52.9 79.3
119 34.3 24.8 37.2



#68
1-Bromo-4-Fluorobenzene
Concen: 10.438 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. 0.02 min
Lab File: VL037552.D
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Tgt Ion: 95 Resp: 3211847
Ion Ratio Lower Upper
95 100
174 73.5 59.6 89.4
175 5.2 4.6 7.0

