

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092821\
 Data File : VL037707.D
 Acq On : 28 Sep 2021 18:09
 Operator : SY/AP
 Sample : M3896-01DL3 800X
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENTDL3

Quant Time: Sep 29 20:45:03 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1318289	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	3950021	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.10	117	3437068	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2362170	9.51	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.10%

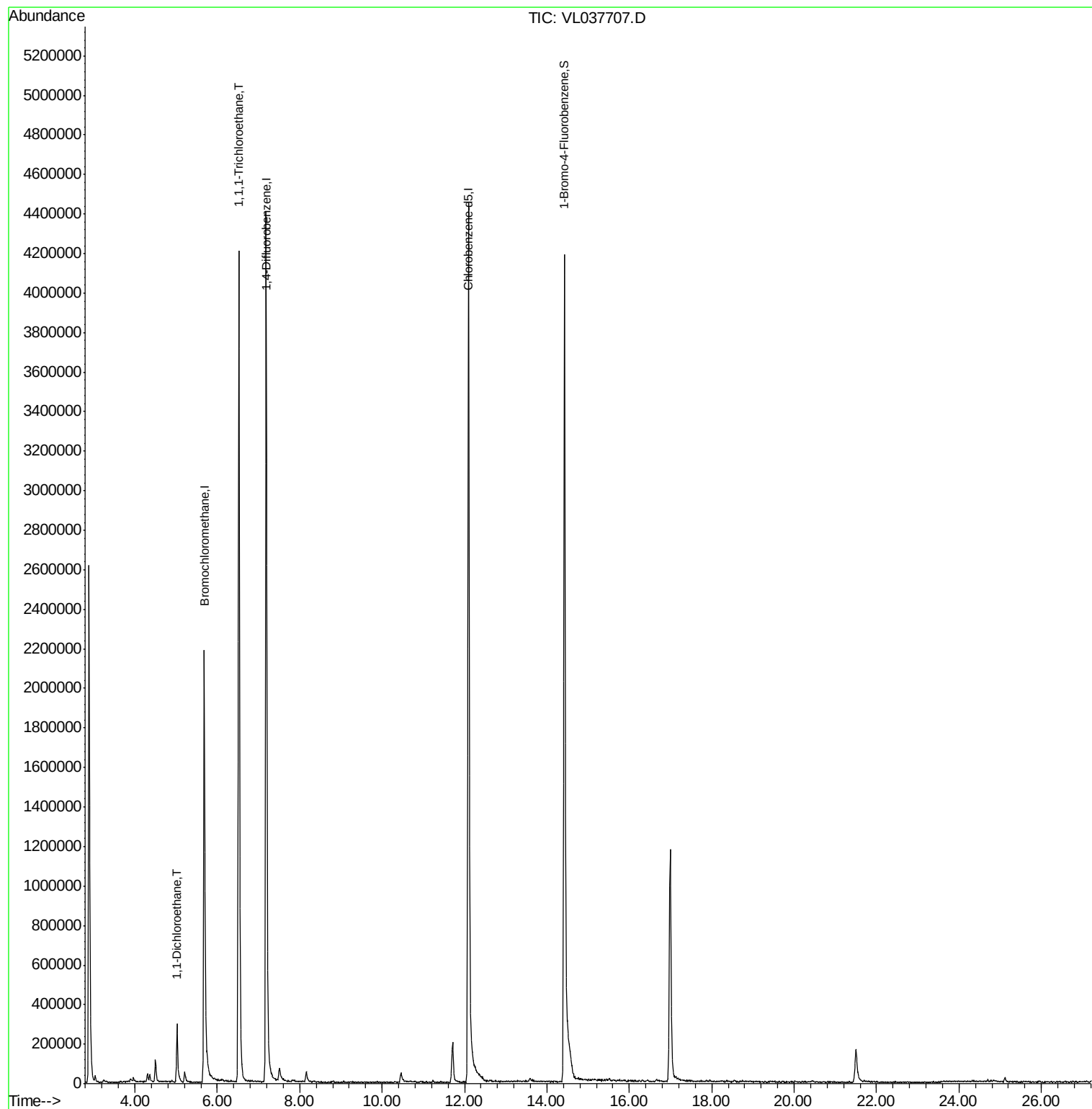
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
24) 1,1-Dichloroethane	5.02	63	280978	2.069	ppbv	100
32) 1,1,1-Trichloroethane	6.52	97	2981062	13.915	ppbv	99

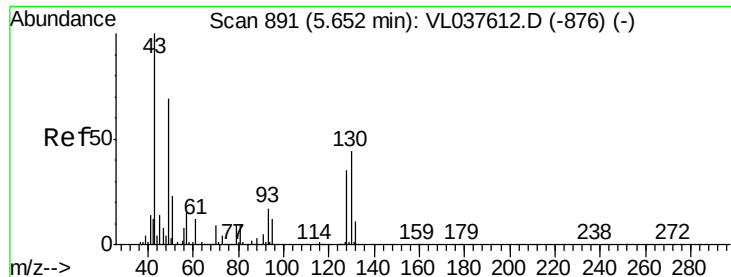
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: INFLUENTDL3

Acq: 28 Sep 2021 18:09

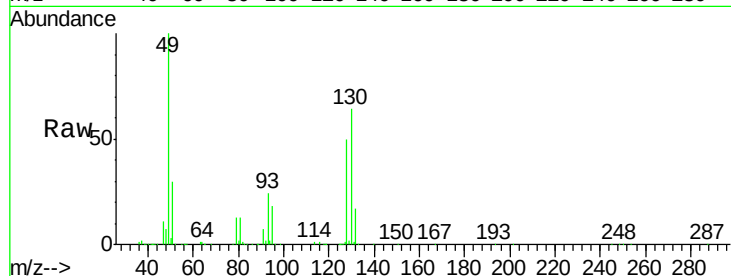
Tgt Ion: 49 Resp: 1318289

Ion Ratio Lower Upper

49 100

128 55.0 27.9 83.6

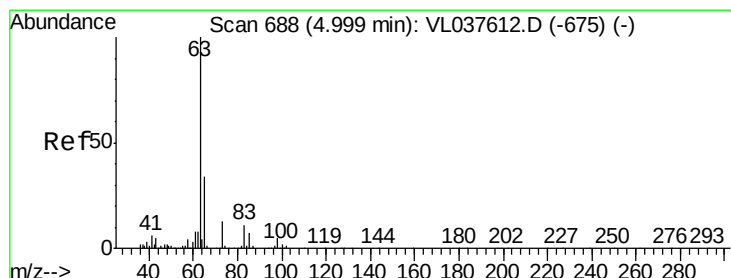
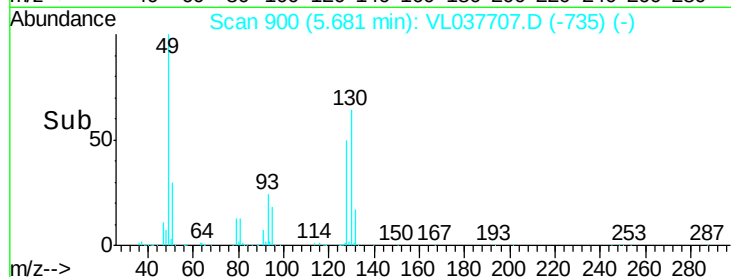
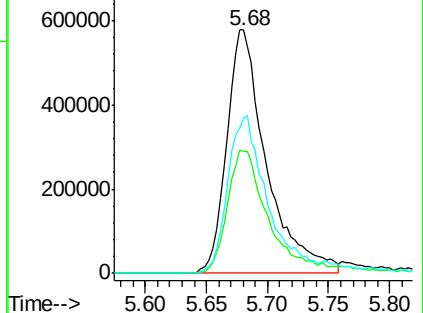
130 68.2 33.9 101.7



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#24

1,1-Dichloroethane

Concen: 2.069 ppbv

RT: 5.02 min Scan# 696

Delta R.T. 0.03 min

Lab File: VL037707.D

Acq: 28 Sep 2021 18:09

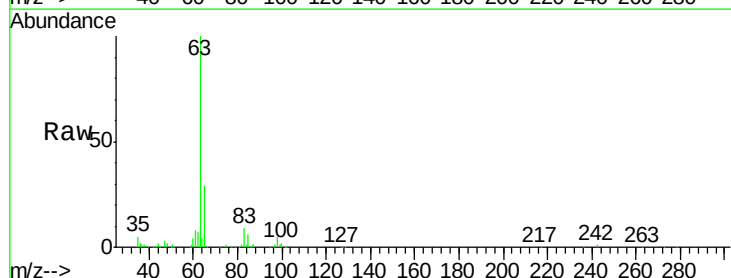
Tgt Ion: 63 Resp: 280978

Ion Ratio Lower Upper

63 100

98 4.7 2.4 7.2

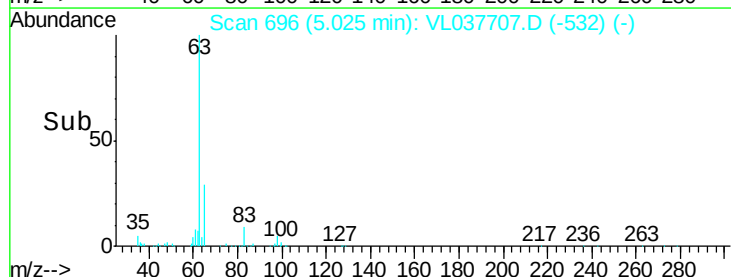
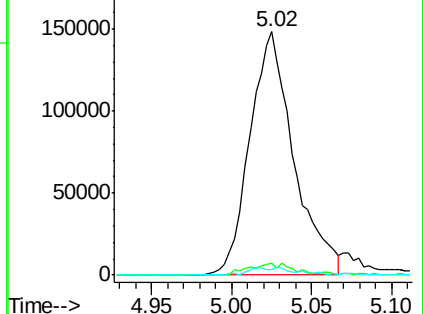
100 2.3 1.1 3.5

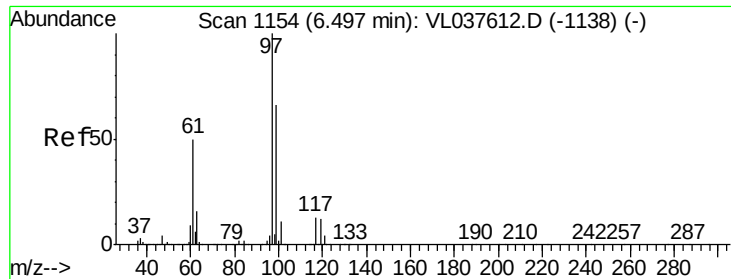


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0

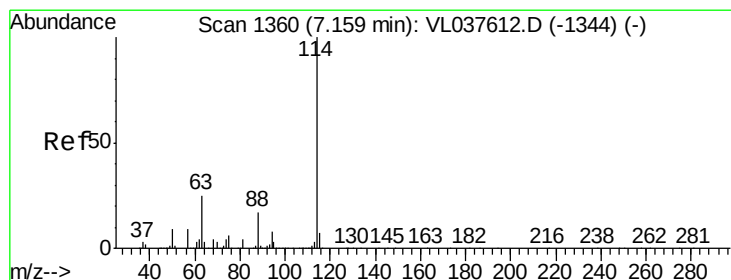
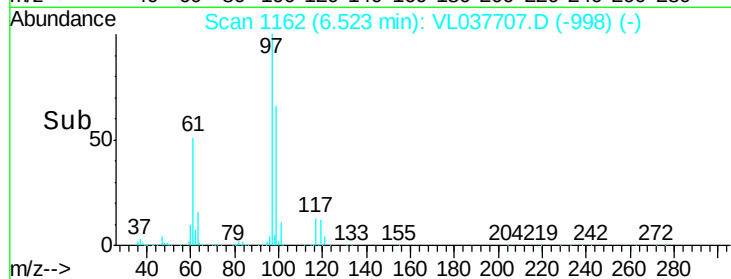
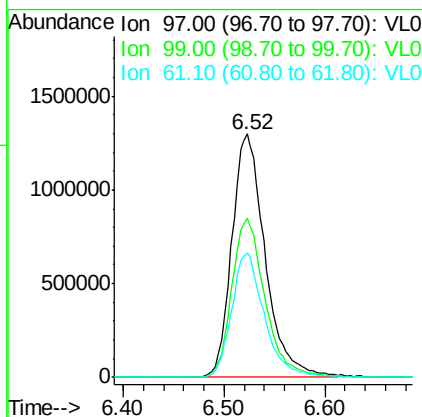
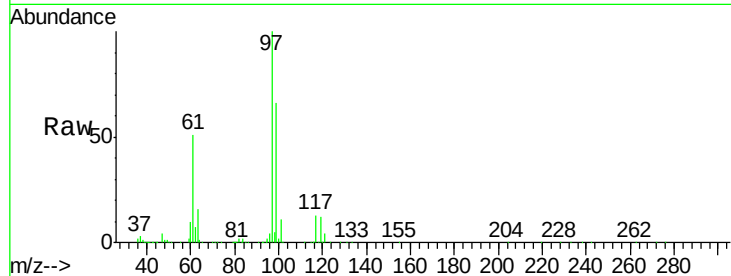




#32
 1,1,1-Trichloroethane
 Concen: 13.915 ppbv
 RT: 6.52
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : INFLUENTDL3
 Acq: 28 Sep 2021 18:09

Tgt Ion: 97 Resp: 2981062

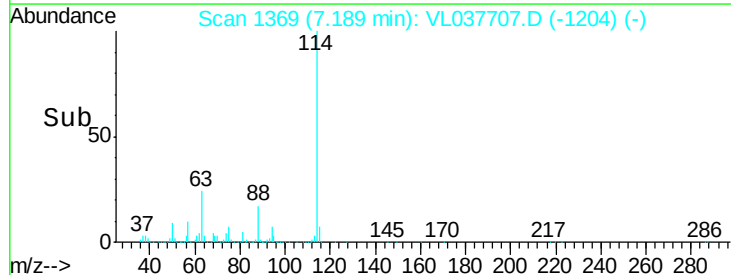
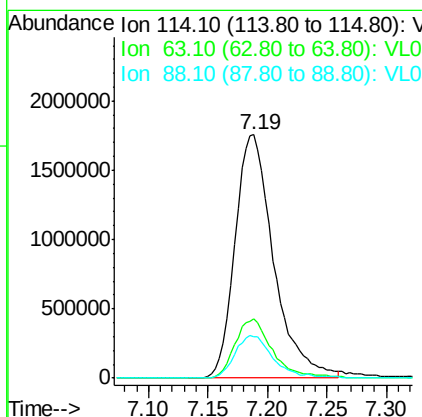
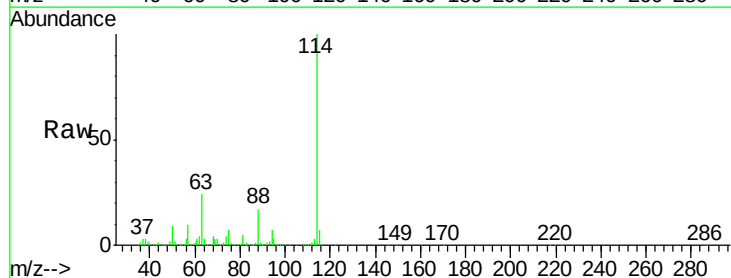
Ion	Ratio	Lower	Upper
97	100		
99	65.5	52.3	78.5
61	50.6	39.5	59.3

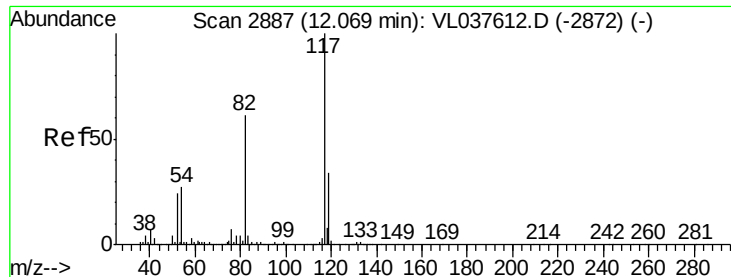


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. 0.03 min
 Lab File: VL037707.D
 Acq: 28 Sep 2021 18:09

Tgt Ion: 114 Resp: 3950021

Ion	Ratio	Lower	Upper
114	100		
63	24.0	19.6	29.4
88	17.9	14.2	21.4

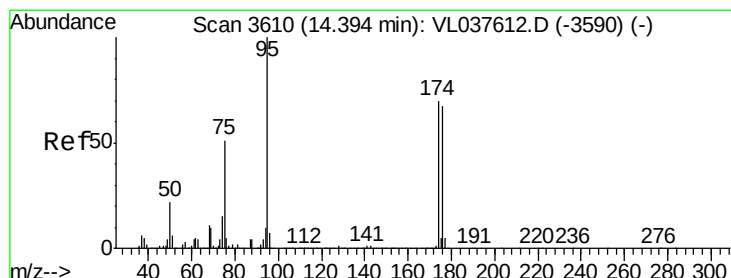
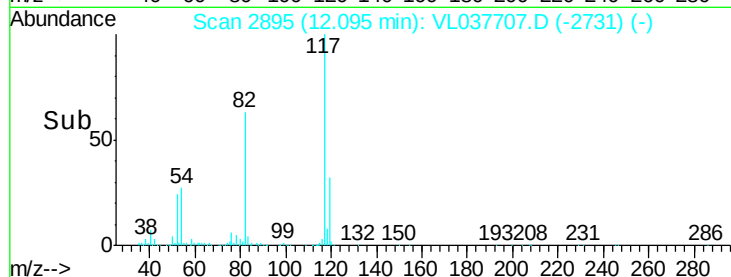
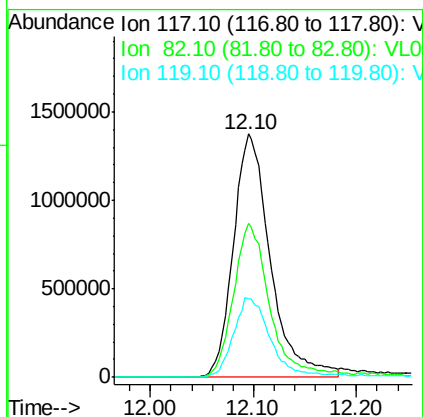
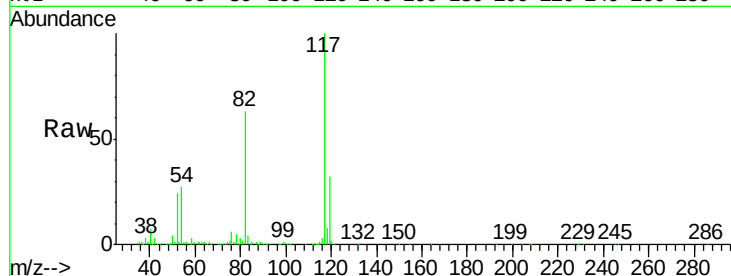




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : INFLUENTDL3
Acq: 28 Sep 2021 18:09

Tgt Ion: 117 Resp: 3437068

Ion	Ratio	Lower	Upper
117	100		
82	62.2	50.6	75.8
119	33.8	26.2	39.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.510 ppbv
RT: 14.43 min Scan# 3620
Delta R.T.: 0.03 min
Lab File: VL037707.D
Acq: 28 Sep 2021 18:09

Tgt Ion: 95 Resp: 2362170

Ion	Ratio	Lower	Upper
95	100		
174	78.2	56.3	84.5
175	5.7	4.4	6.6

