

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052220\
 Data File : VL035079.D
 Acq On : 22 May 2020 11:23
 Operator : SY/AP
 Sample : VL0522ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0522ABL01

Quant Time: May 22 23:35:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 06 14:49:39 2020
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	996207	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	2324402	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	2242587	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1889914	10.41	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.10%

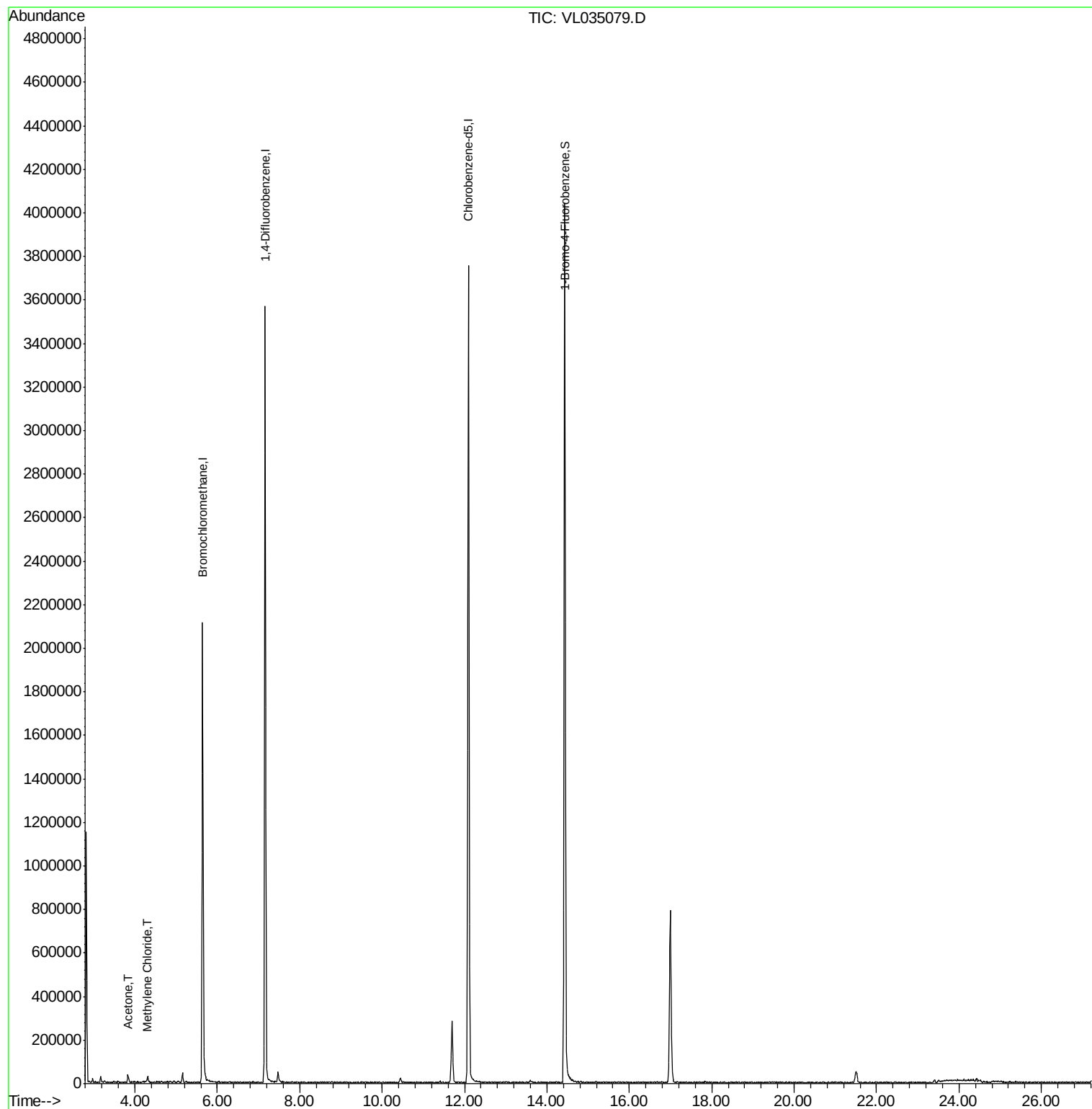
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.83	43	34308	0.260	ppbv	# 65
20) Methylene Chloride	4.31	84	8523m	0.195	ppbv	

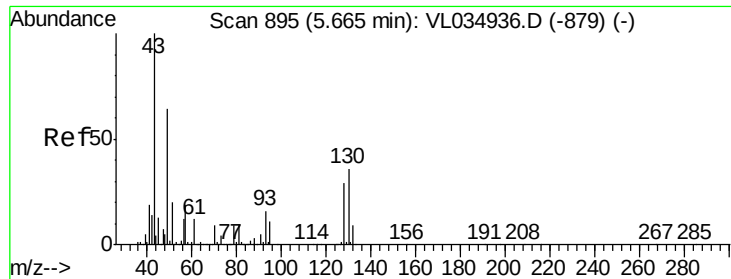
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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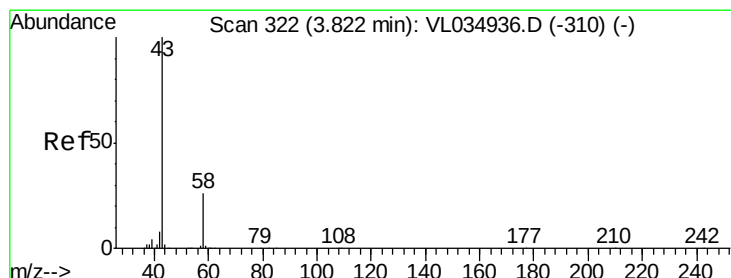
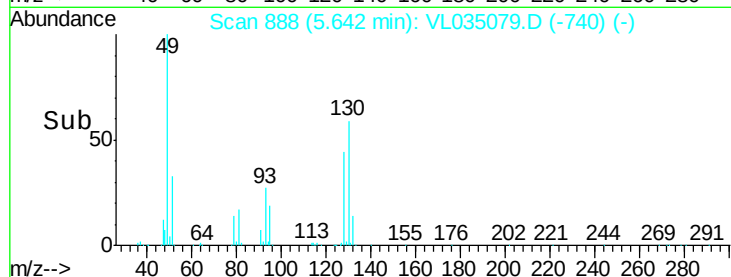
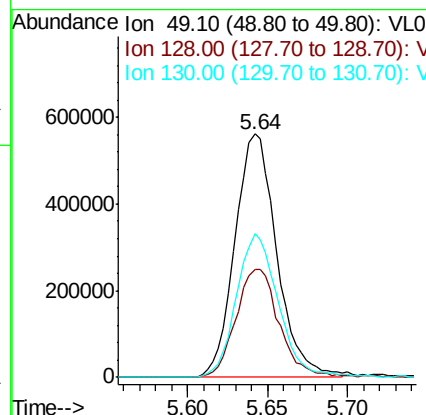
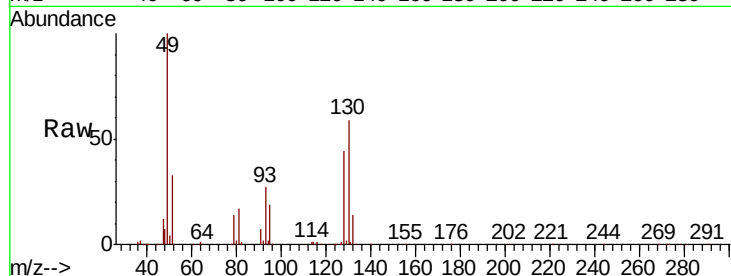




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.64 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: VL035079.D
 Acq: 22 May 2020 11:23

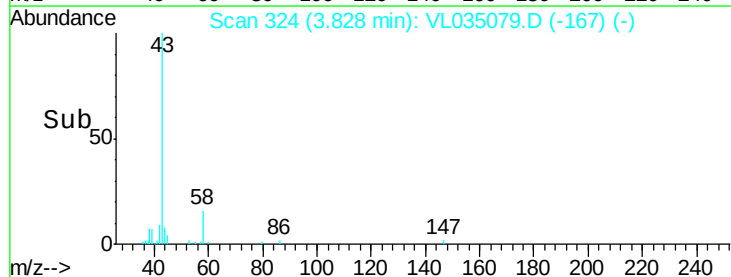
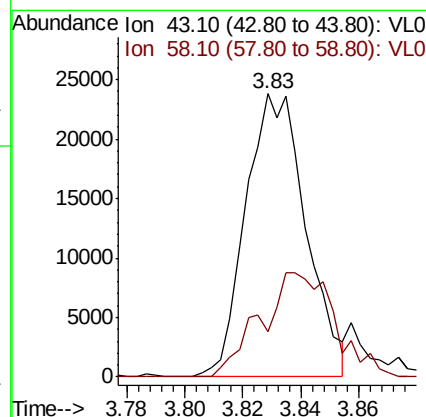
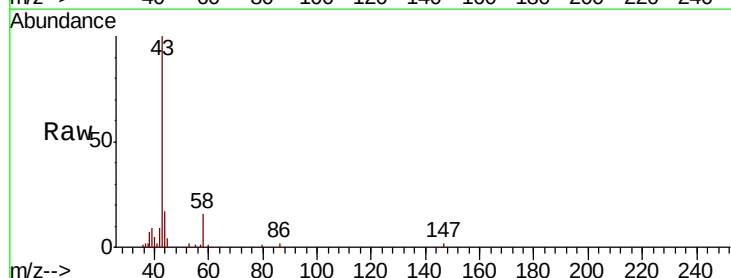
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0522ABL01

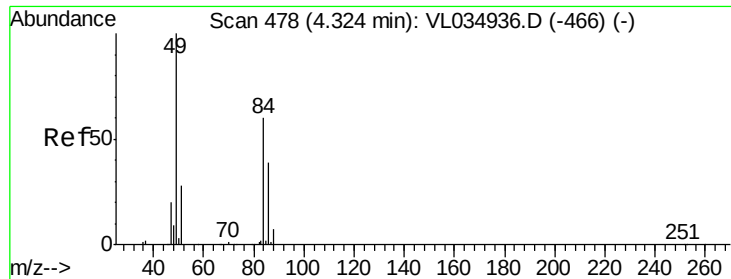
Tot Ion	49	Resp	996207
Ion Ratio	Lower	Upper	
49	100		
128	47.1	22.1	66.5
130	59.9	29.1	87.3



#15
 Acetone
 Concen: 0.260 ppbv
 RT: 3.83 min Scan# 324
 Delta R.T. 0.01 min
 Lab File: VL035079.D
 Acq: 22 May 2020 11:23

Tgt Ion	43	Resp	34308
Ion Ratio	Lower	Upper	
43	100		
58	45.3	21.7	32.5#

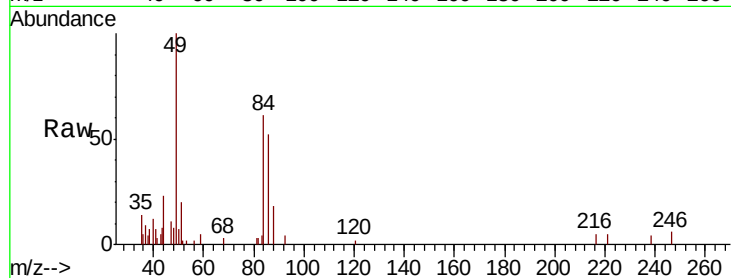




#20
Methylene Chloride
Concen: 0.195 ppbv
RT: 4.31 min Scan# 475
Delta R.T. -0.01 min
Lab File: VL035079.D
Acq: 22 May 2020 11:23

Instrument :
MSVOA_L
ClientSampleId :
VL0522ABL01

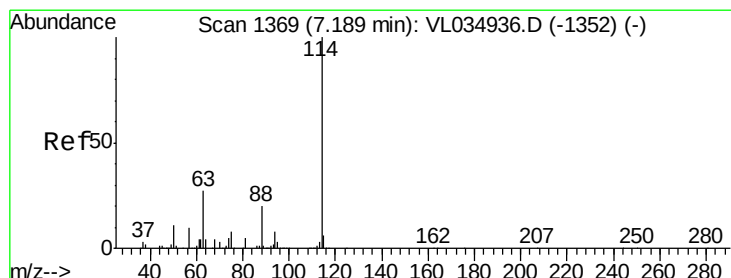
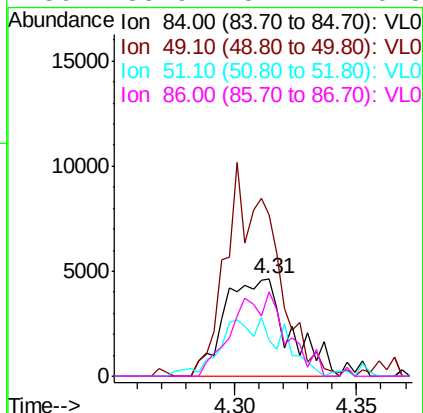
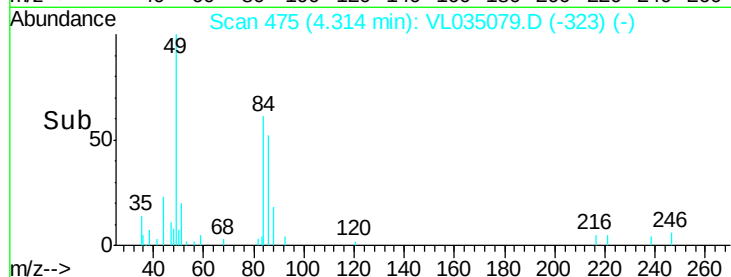
Tot Ion	Ratio	Lower	Upper
84	100		
49	164.8	132.5	198.7
51	33.6	38.4	57.6
86	85.9	51.2	76.8



Abundance

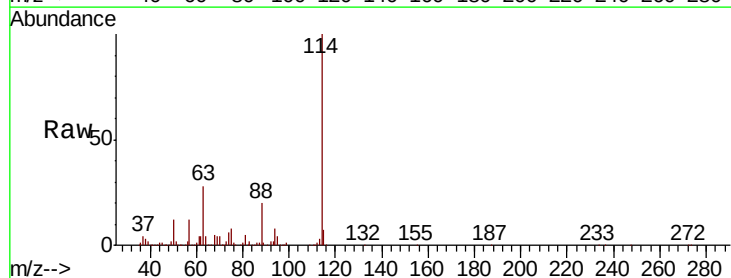
Scan 475 (4.314 min): VL035079.D (-323) (-)

m/z-->



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.03 min
Lab File: VL035079.D
Acq: 22 May 2020 11:23

Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.9	22.2	33.4
88	19.5	15.5	23.3



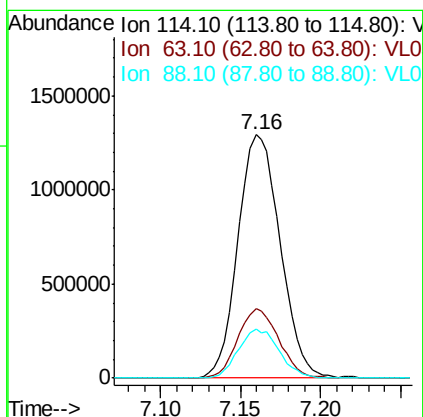
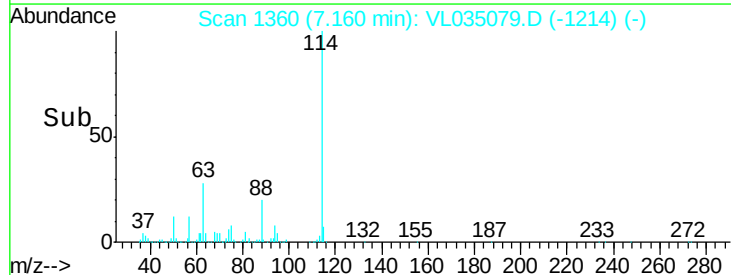
Abundance

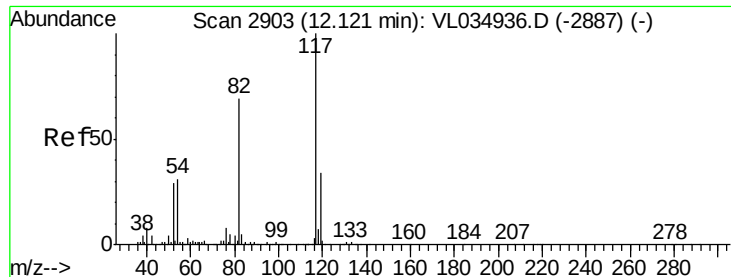
Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

Time-->

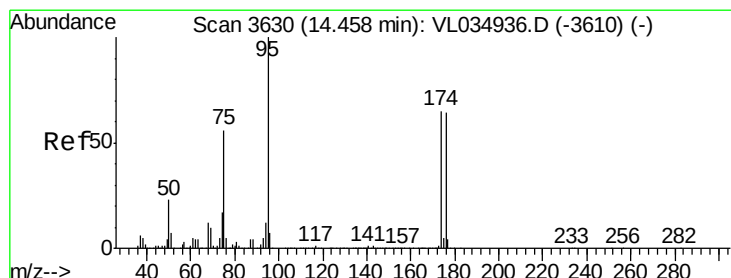
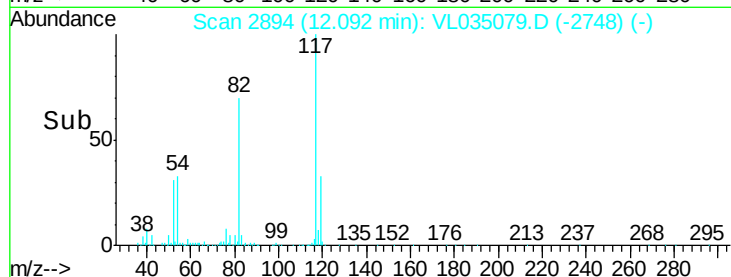
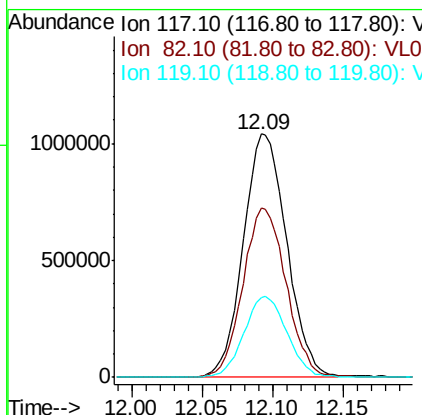
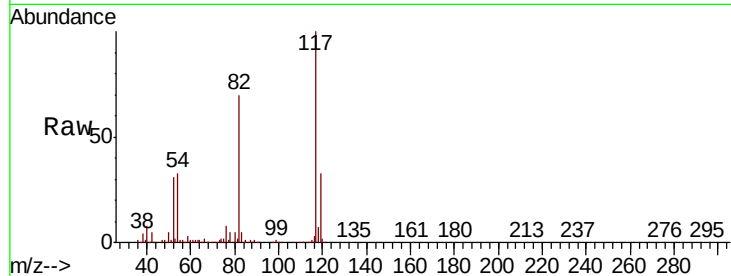




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. -0.03 min
Lab File: VL035079.D
Acq: 22 May 2020 11:23

Instrument :
MSVOA_L
ClientSampleId :
VL0522ABL01

Tot Ion:117 Resp: 2242587
Ion Ratio Lower Upper
117 100
82 69.9 53.1 79.7
119 33.2 26.7 40.1



#68
1-Bromo-4-Fluorobenzene
Concen: 10.411 ppbv
RT: 14.43 min Scan# 3622
Delta R.T. -0.03 min
Lab File: VL035079.D
Acq: 22 May 2020 11:23

Tgt Ion: 95 Resp: 1889914
Ion Ratio Lower Upper
95 100
174 64.5 51.5 77.3
175 4.7 3.8 5.8

