

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051920\
 Data File : VL035043.D
 Acq On : 19 May 2020 13:43
 Operator : SY/AP
 Sample : VL0519ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0519ABL01

Quant Time: May 20 05:01:42 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	1078000	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	2473912	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.10	117	2396056	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2029833	10.47	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.70%

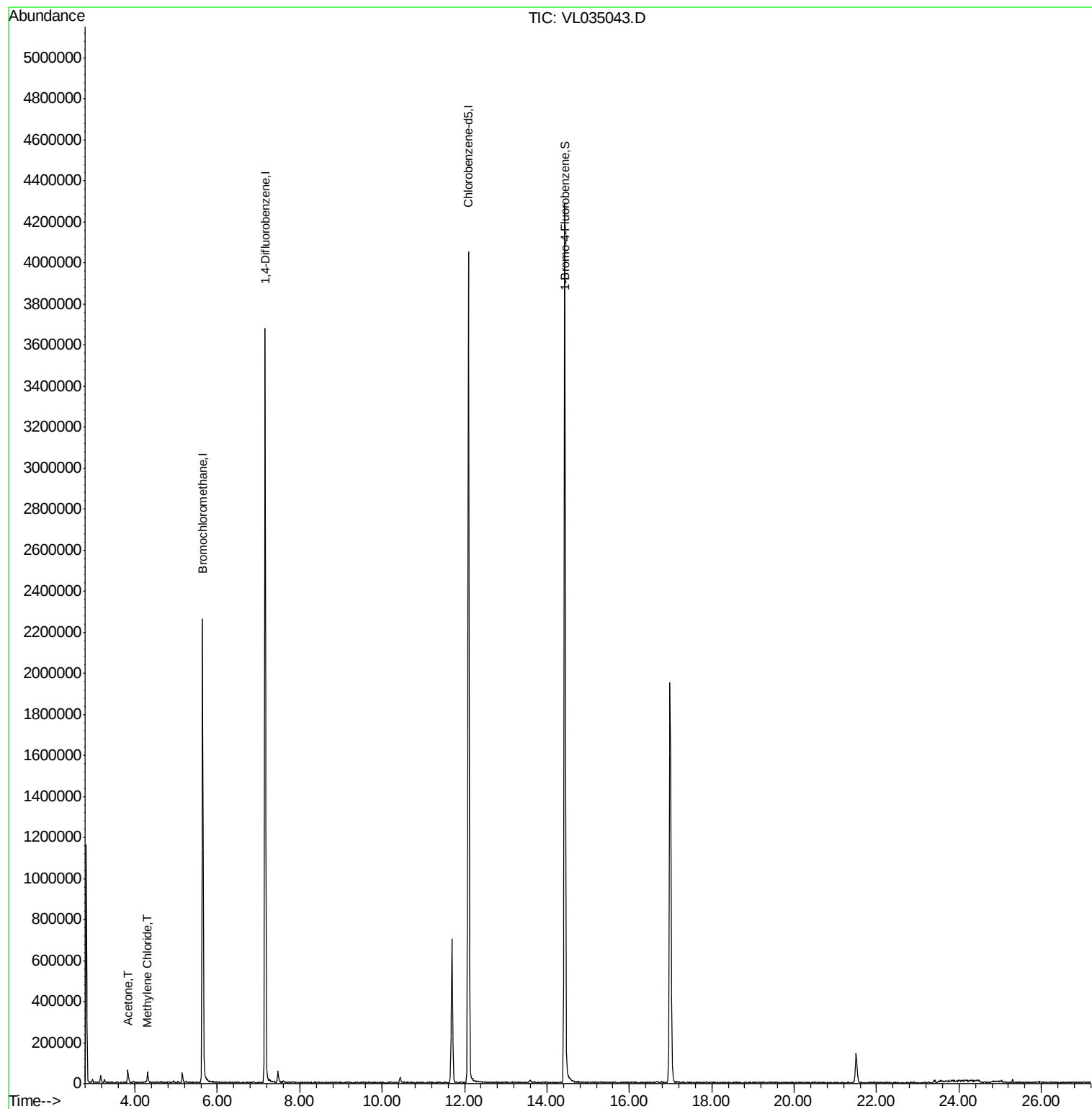
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.83	43	50064	0.351	ppbv	# 61
20) Methylene Chloride	4.31	84	15371	0.326	ppbv	88

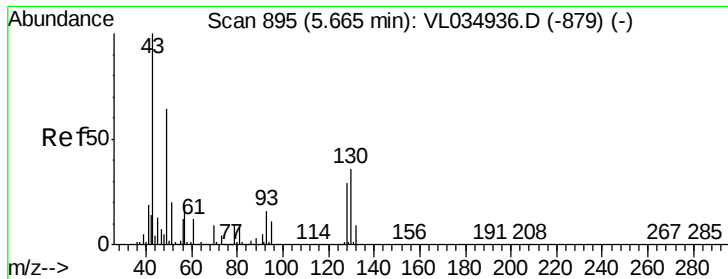
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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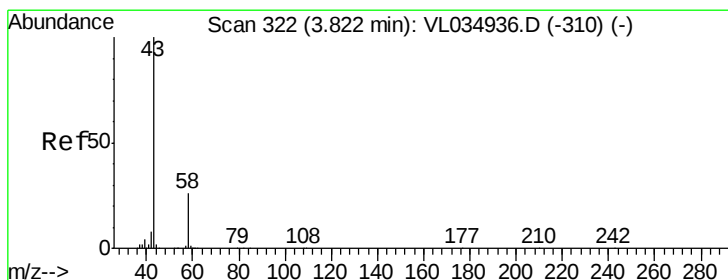
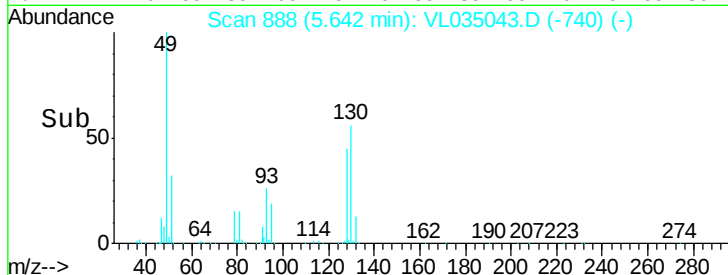
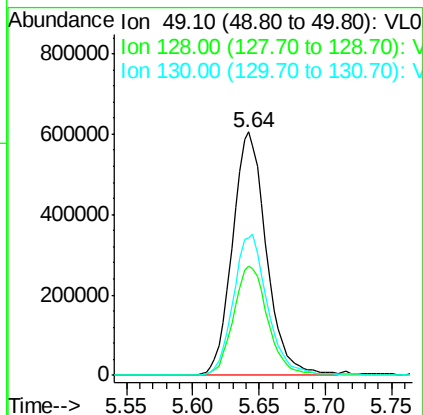
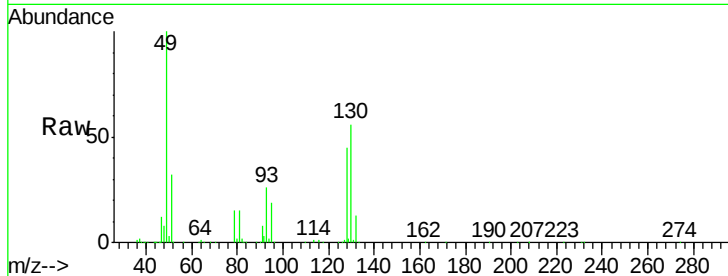


#1

Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.64 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: VL035043.D
 Acq: 19 May 2020 13:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0519ABL01

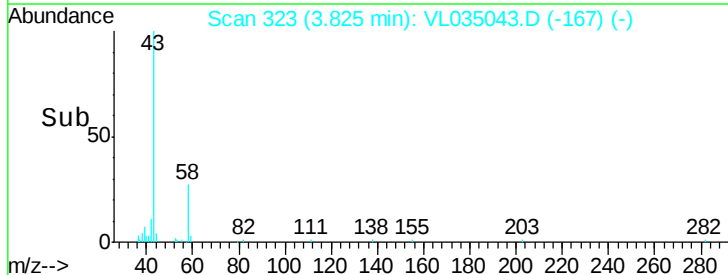
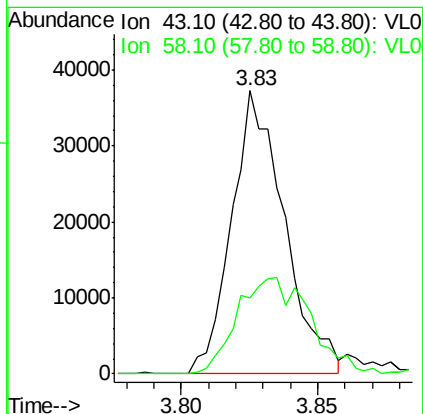
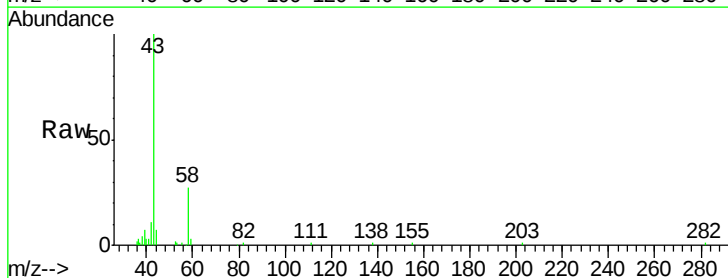
Tot Ion: 49 Resp: 1078000
 Ion Ratio Lower Upper
 49 100
 128 45.8 22.1 66.5
 130 58.8 29.1 87.3

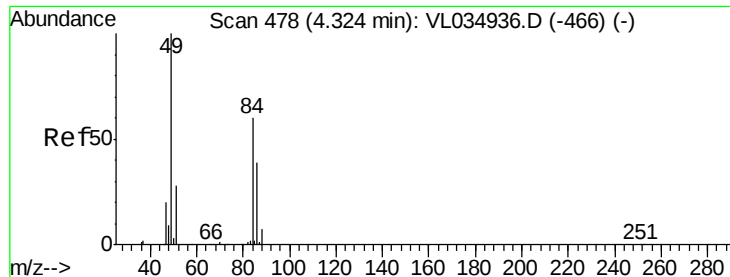


#15

Acetone
 Concen: 0.351 ppbv
 RT: 3.83 min Scan# 323
 Delta R.T. 0.00 min
 Lab File: VL035043.D
 Acq: 19 May 2020 13:43

Tgt Ion: 43 Resp: 50064
 Ion Ratio Lower Upper
 43 100
 58 47.4 21.7 32.5#

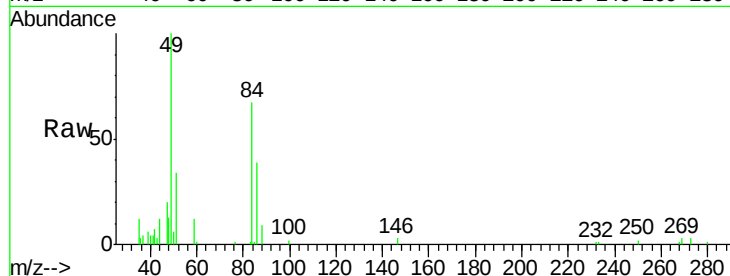




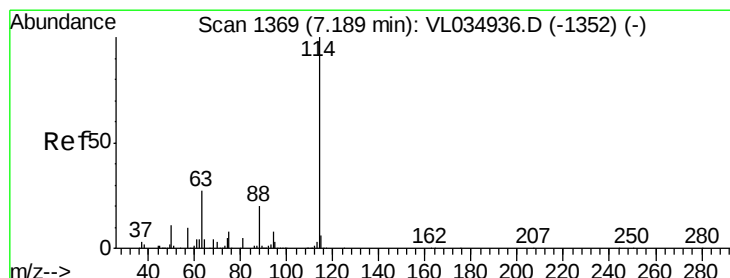
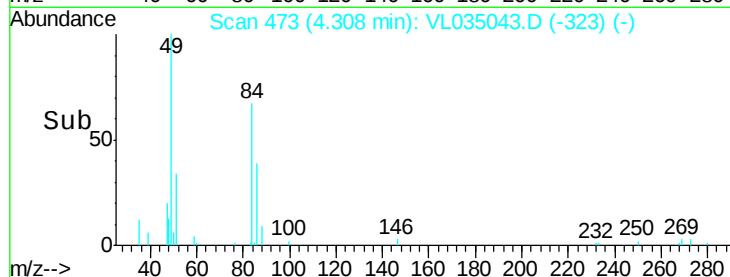
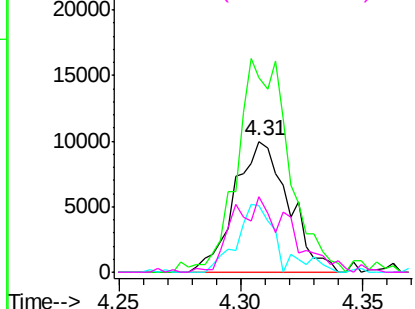
#20
Methylene Chloride
Concen: 0.326 ppbv
RT: 4.31 min Scan# 473
Delta R.T. -0.02 min
Lab File: VL035043.D
Acq: 19 May 2020 13:43

Instrument :
MSVOA_L
ClientSampleId :
VL0519ABL01

Tot Ion:	84	Resp:	15371
Ion	Ratio	Lower	Upper
84	100		
49	144.9	132.5	198.7
51	50.9	38.4	57.6
86	57.7	51.2	76.8

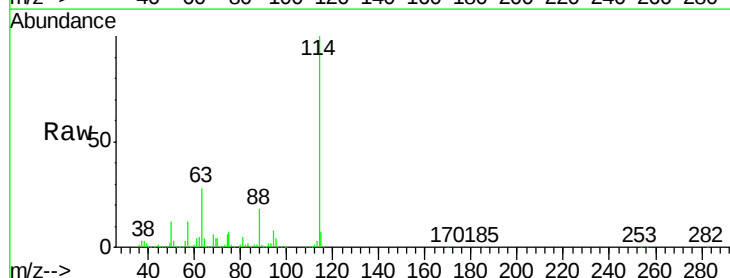


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

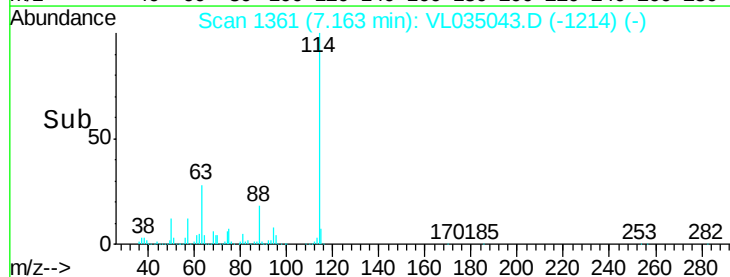
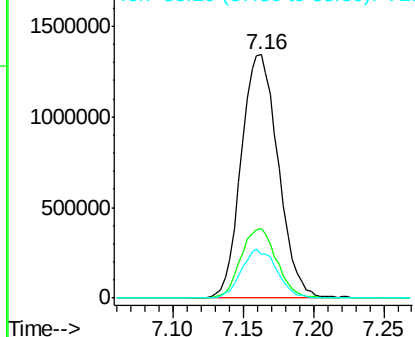


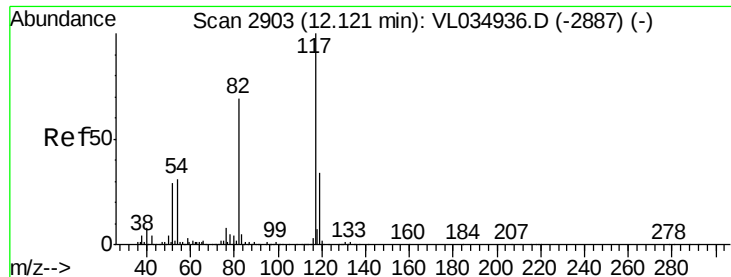
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.03 min
Lab File: VL035043.D
Acq: 19 May 2020 13:43

Tgt Ion:	114	Resp:	2473912
Ion	Ratio	Lower	Upper
114	100		
63	27.9	22.2	33.4
88	19.4	15.5	23.3



Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0

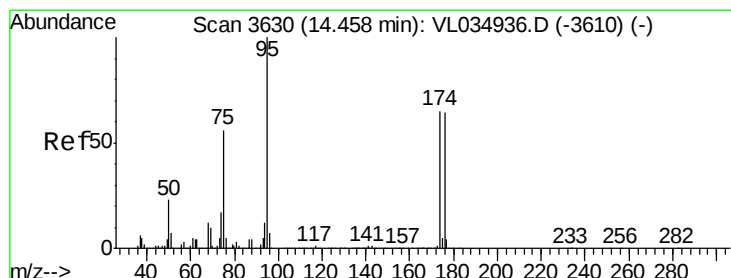
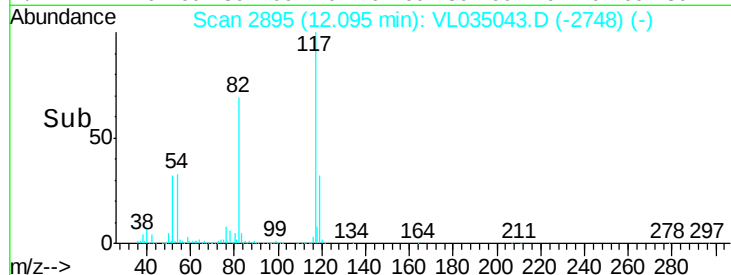
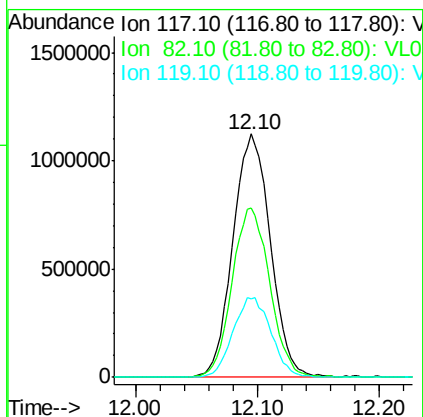
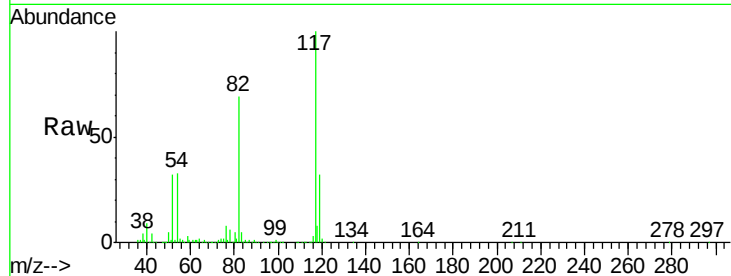




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2895
Delta R.T. -0.03 min
Lab File: VL035043.D
Acq: 19 May 2020 13:43

Instrument :
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ClientSampleId :
VL0519ABL01

Tot Ion:117 Resp: 2396056
Ion Ratio Lower Upper
117 100
82 70.2 53.1 79.7
119 33.5 26.7 40.1



#68
1-Bromo-4-Fluorobenzene
Concen: 10.466 ppbv
RT: 14.43 min Scan# 3621
Delta R.T. -0.03 min
Lab File: VL035043.D
Acq: 19 May 2020 13:43

Tgt Ion: 95 Resp: 2029833
Ion Ratio Lower Upper
95 100
174 64.0 51.5 77.3
175 5.0 3.8 5.8

