

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012422\
 Data File : VL038278.D
 Acq On : 25 Jan 2022 2:54
 Operator : SY/AP
 Sample : QC011122 CAN 10280
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC011122 CAN 10280

Quant Time: Jan 25 04:27:04 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 14:12:48 2022
 QLast Update : Mon Jan 24 14:12:48 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	779432	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2128259	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	1741441	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1278981	9.68	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.80%

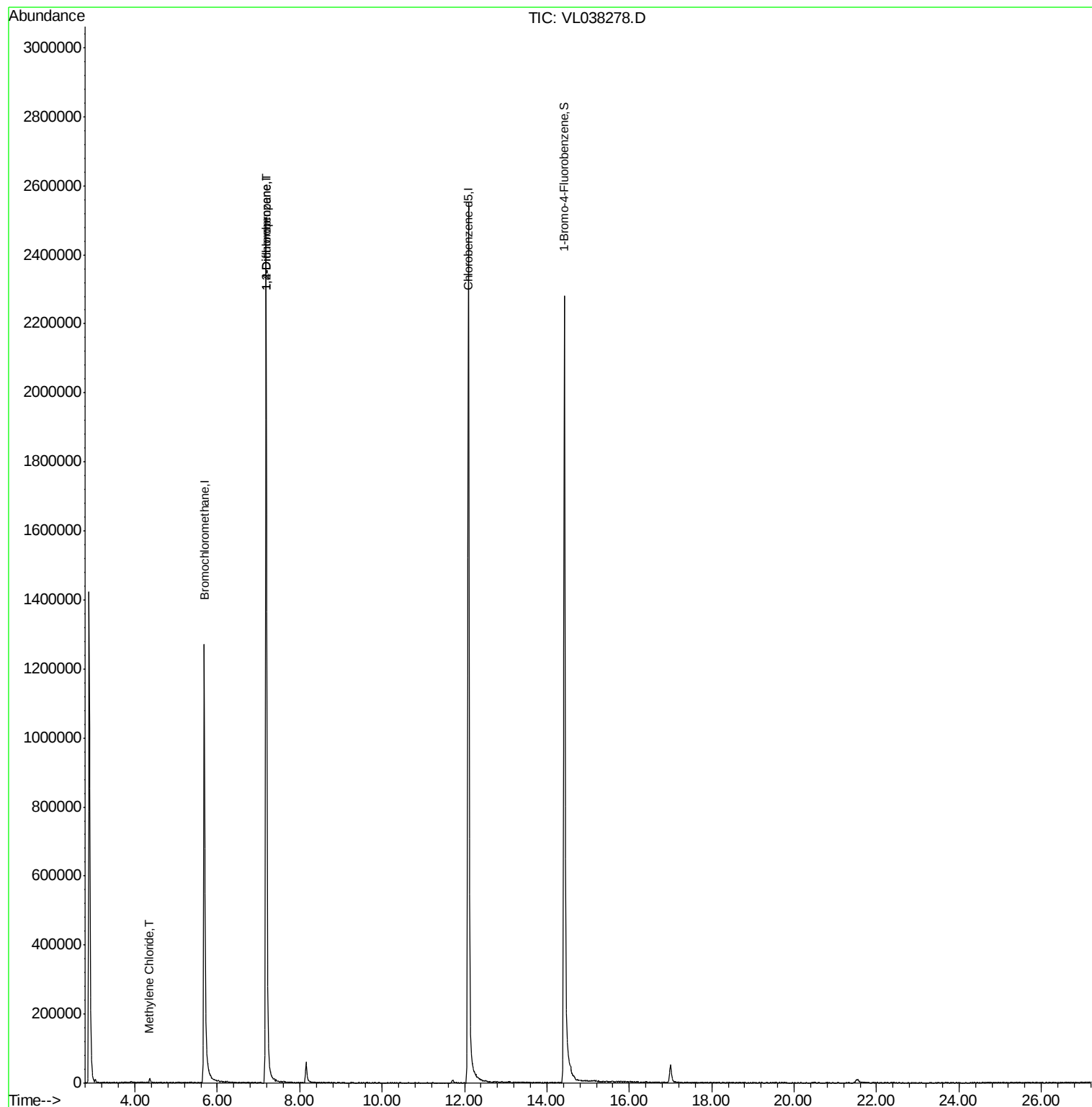
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.36	84	4244	0.106	ppbv #	87
39) 1,2-Dichloropropane	7.19	63	563116	7.378	ppbv #	26

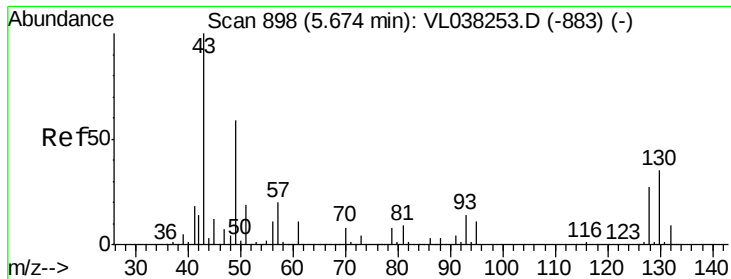
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 25 Jan 2022 2:54

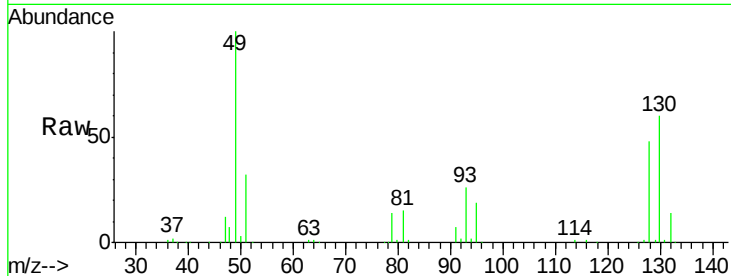
Tgt Ion: 49 Resp: 779432

Ion Ratio Lower Upper

49 100

128 49.3 24.5 73.5

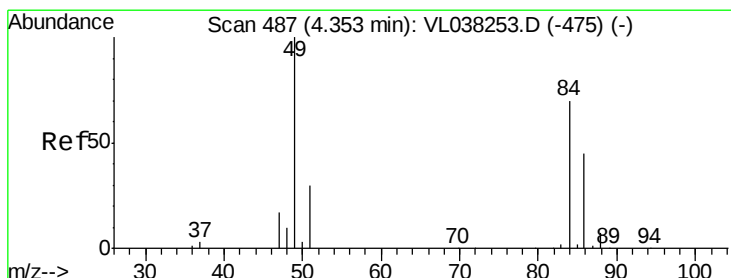
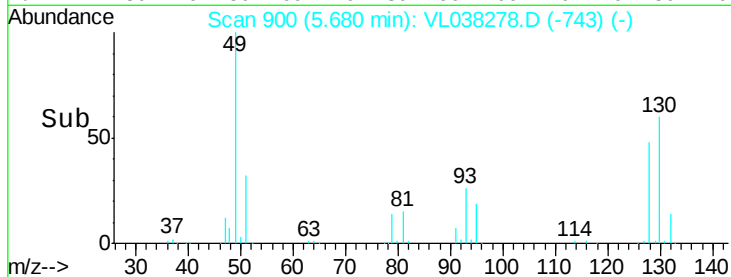
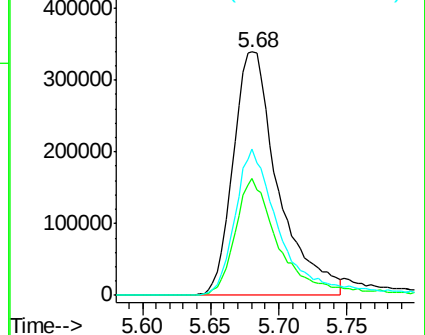
130 62.4 30.1 90.5



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



#20

Methylene Chloride

Concen: 0.106 ppbv

RT: 4.36 min Scan# 490

Delta R.T. 0.01 min

Lab File: VL038278.D

Acq: 25 Jan 2022 2:54

Tgt Ion: 84 Resp: 4244

Ion Ratio Lower Upper

84 100

49 132.9 115.0 172.6

51 31.0 35.0 52.6#

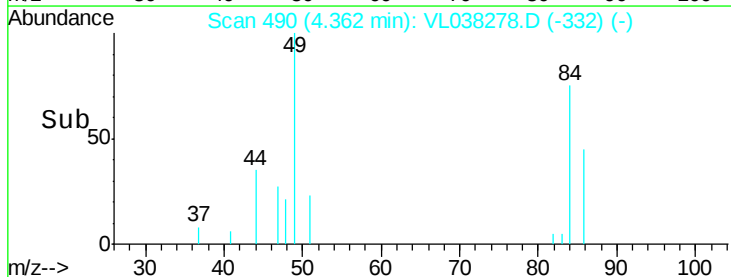
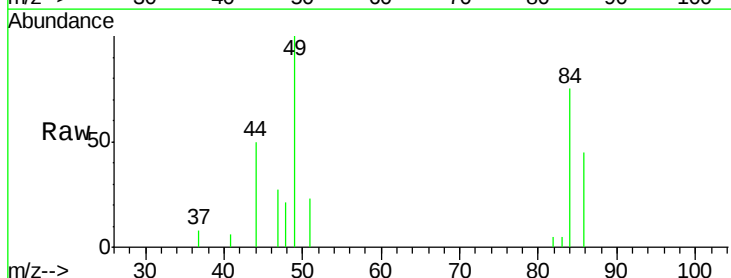
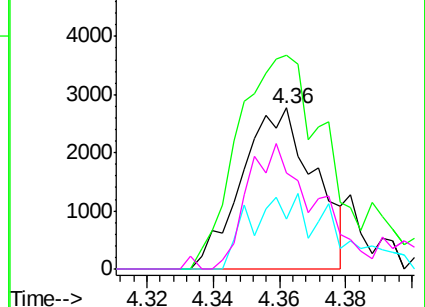
86 51.9 51.4 77.0

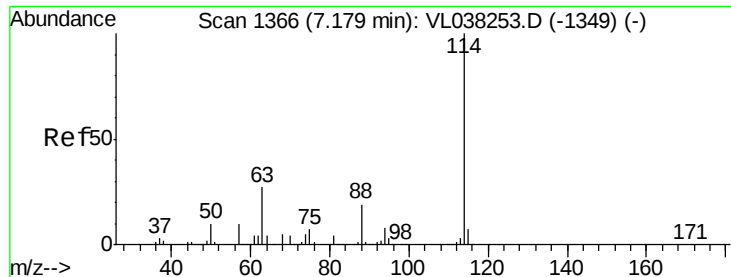
Abundance Ion 84.00 (83.70 to 84.70): VL0

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

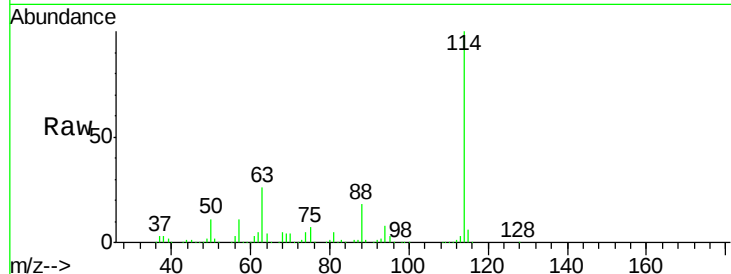




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 25 Jan 2022 2:54

Tgt Ion: 114 Resp: 2128259

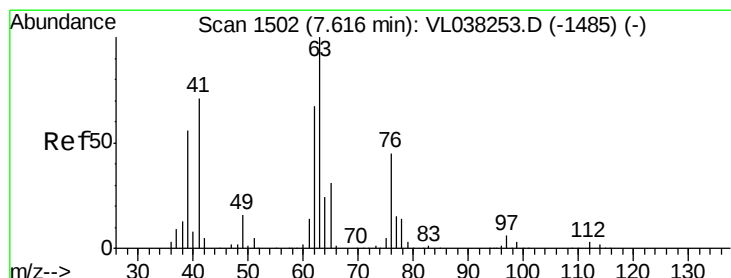
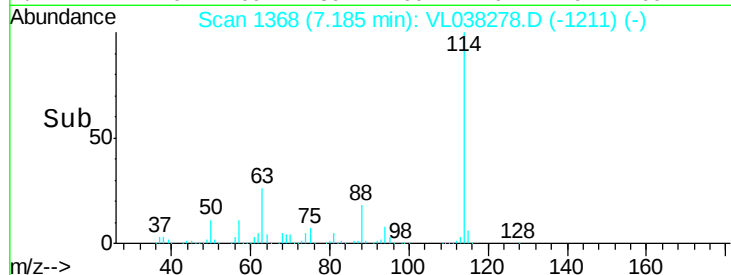
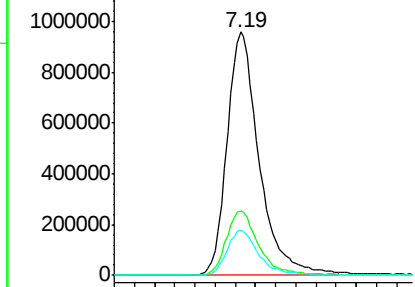
Ion	Ratio	Lower	Upper
114	100		
63	27.2	22.0	33.0
88	18.6	15.0	22.6



Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

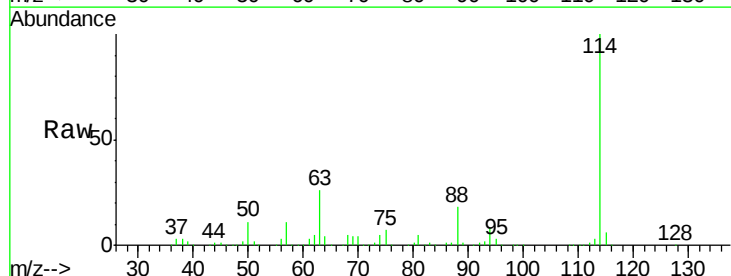
Ion 88.10 (87.80 to 88.80): VL0



#39
 1,2-Dichloropropane
 Concen: 7.378 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T.: -0.43 min
 Lab File: VL038278.D
 Acq: 25 Jan 2022 2:54

Tgt Ion: 63 Resp: 563116

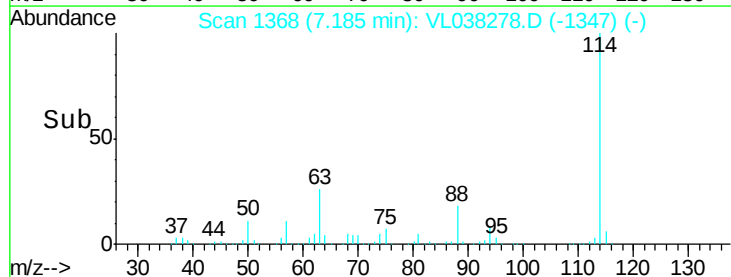
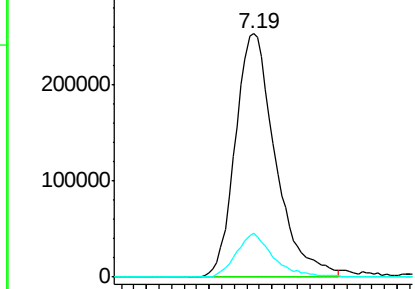
Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.6	85.0#
62	18.2	53.9	80.9#

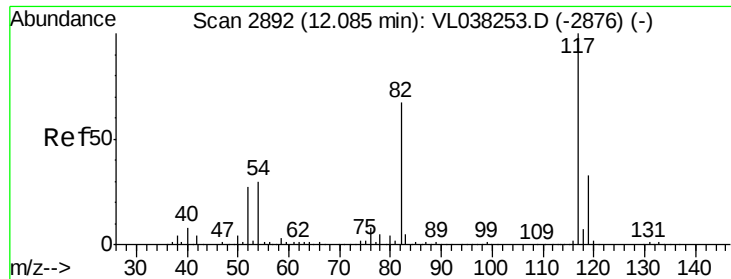


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

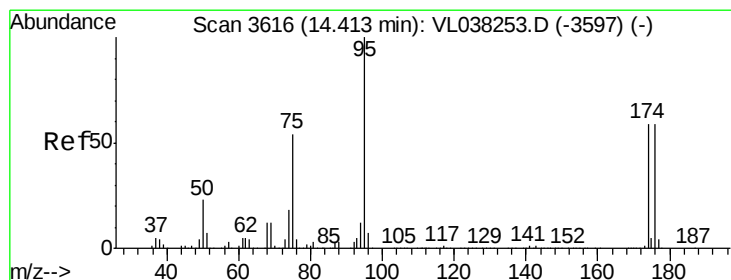
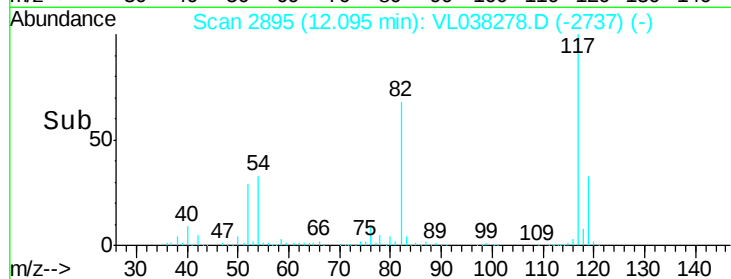
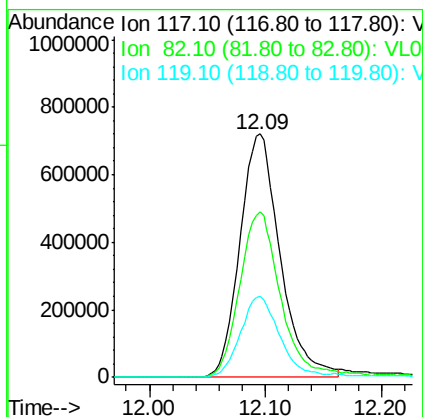
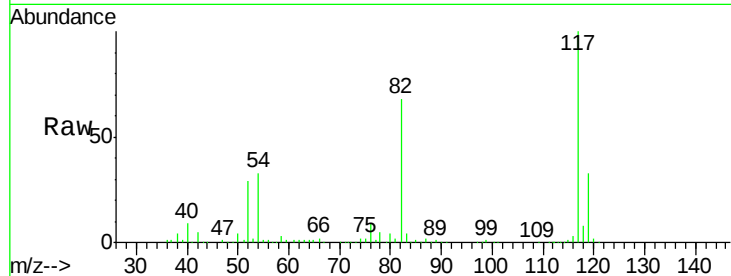




#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Jan 2022 2:54

Tgt Ion: 117 Resp: 1741441

Ion	Ratio	Lower	Upper
117	100		
82	72.0	54.4	81.6
119	33.8	45.9	68.9#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.676 ppbv
 RT: 14.42 min Scan# 3619
 Delta R.T. 0.01 min
 Lab File: VL038278.D
 Acq: 25 Jan 2022 2:54

Tgt Ion: 95 Resp: 1278981

Ion	Ratio	Lower	Upper
95	100		
174	62.9	48.3	72.5
175	4.5	3.5	5.3

