

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111820\
 Data File : VL035977.D
 Acq On : 18 Nov 2020 17:29
 Operator : SY/AP
 Sample : L4773-01DL2 300X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL2

Quant Time: Nov 19 12:36:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

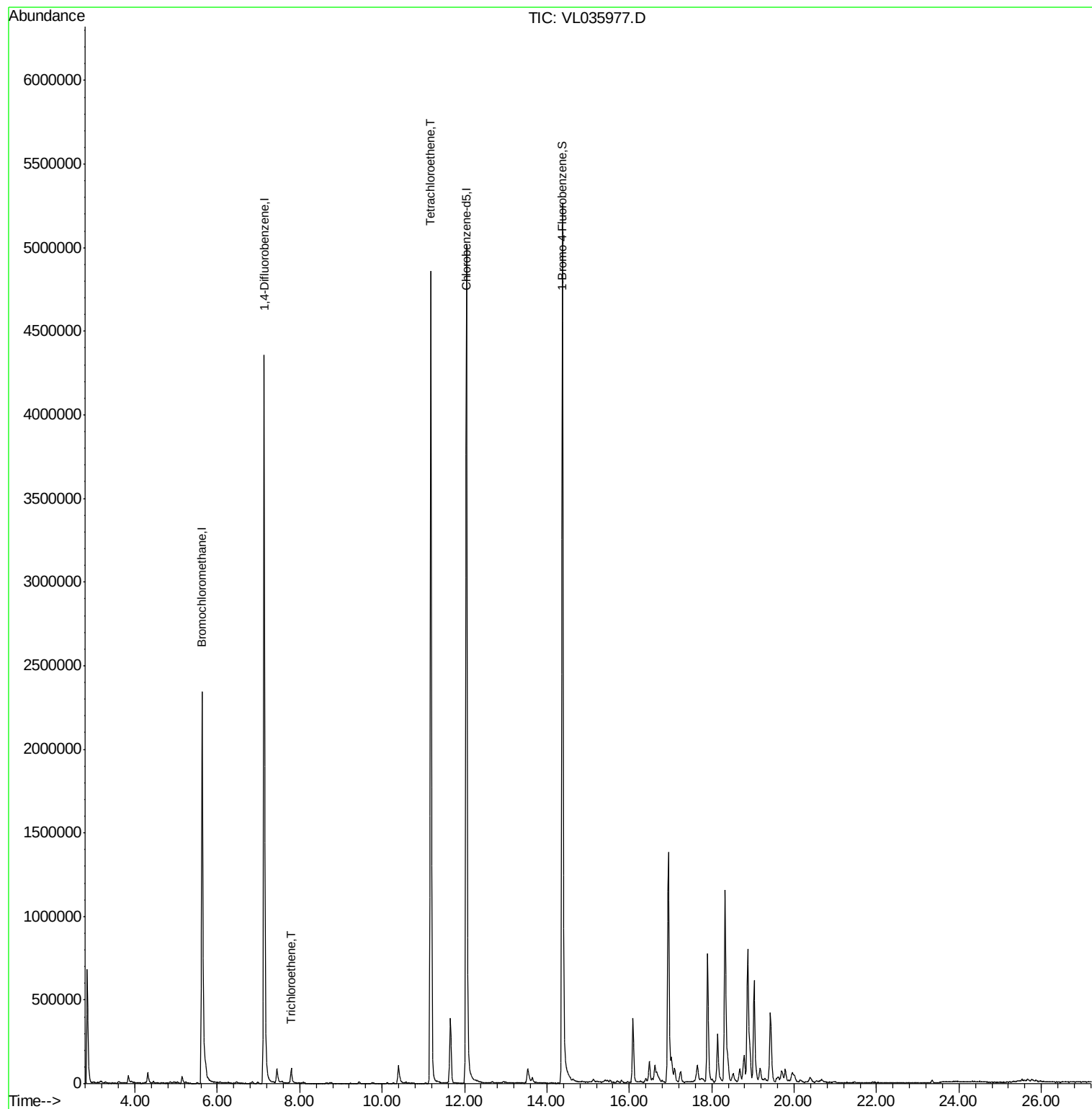
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.63	49	1110146	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.13	114	3902782	10.00	ppbv	-0.05
55) Chlorobenzene-d5	12.04	117	3765287	10.00	ppbv	-0.05
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.37	95	2810395	10.51	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.10%
Target Compounds						
38) Trichloroethene	7.80	130	32225	0.227	ppbv	89
52) Tetrachloroethene	11.19	164	1329116	9.669	ppbv	99

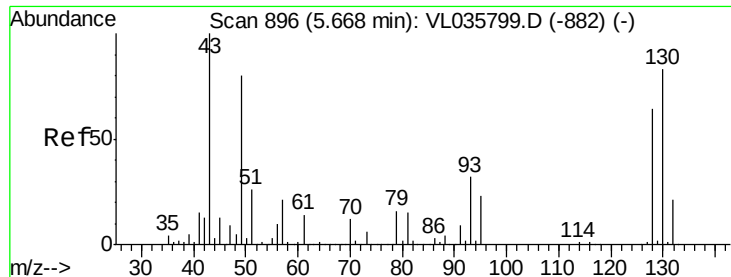
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.63 min Scan# 884

Delta R.T. -0.04 min

Lab File: VL035977.D

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Instrument :

MSVOA_L

ClientSampleId :

SV1DL2

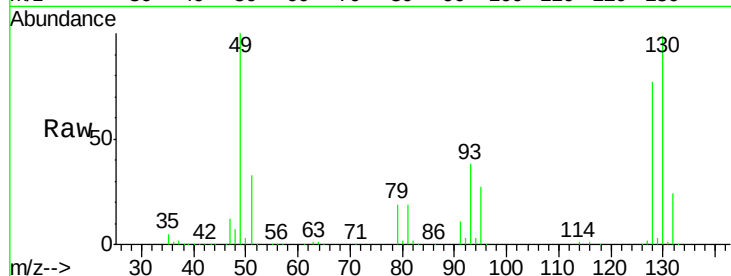
Tot Ion: 49 Resp: 1110146

Ion Ratio Lower Upper

49 100

128 76.5 41.5 124.6

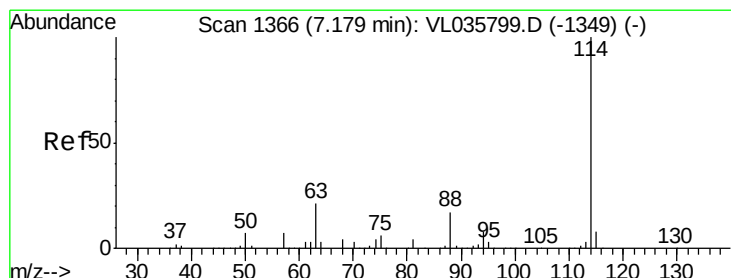
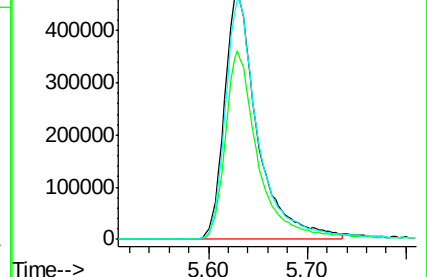
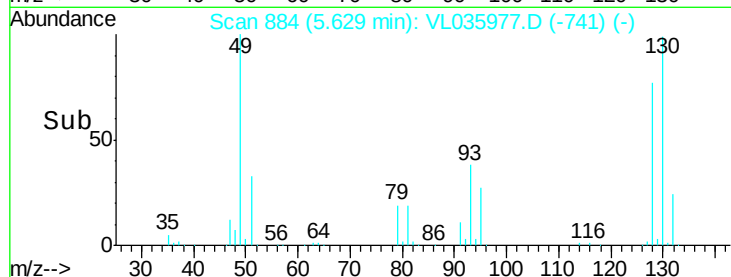
130 98.9 53.7 161.1



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



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.13 min Scan# 1352

Delta R.T. -0.05 min

Lab File: VL035977.D

Acq: 18 Nov 2020 17:29

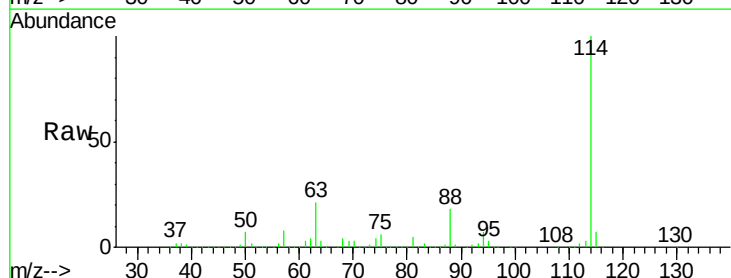
Tgt Ion: 114 Resp: 3902782

Ion Ratio Lower Upper

114 100

63 20.8 16.1 24.1

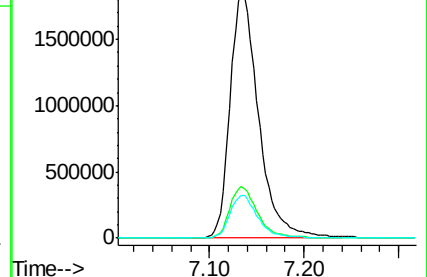
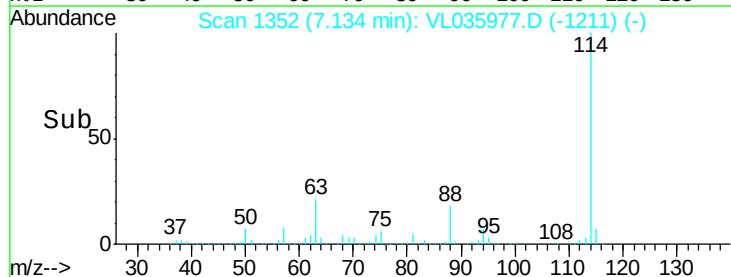
88 17.2 13.7 20.5

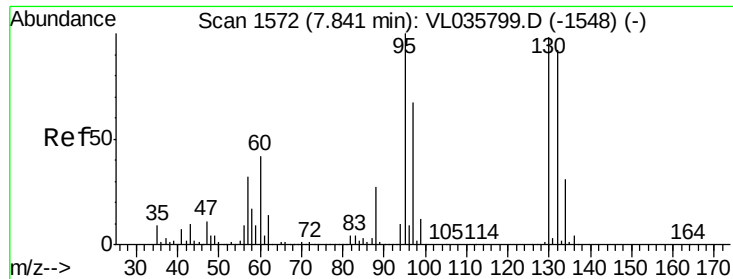


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

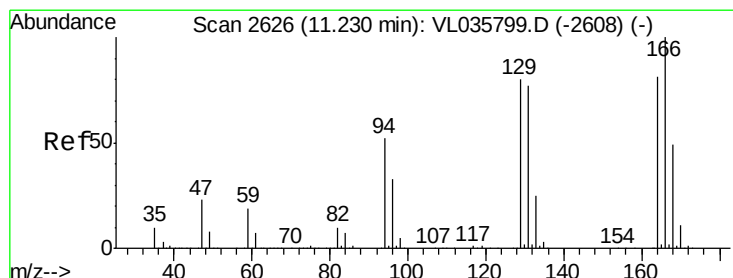
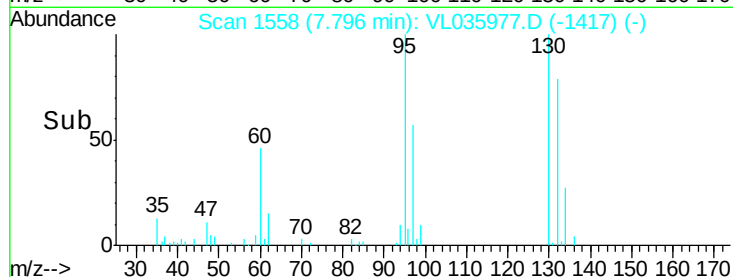
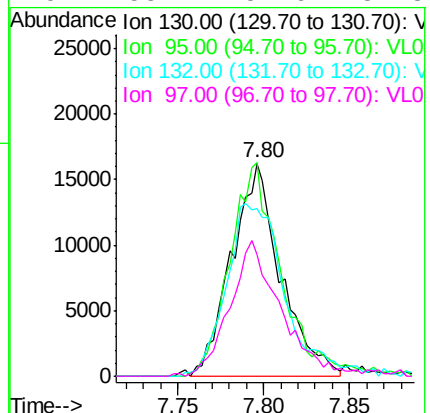
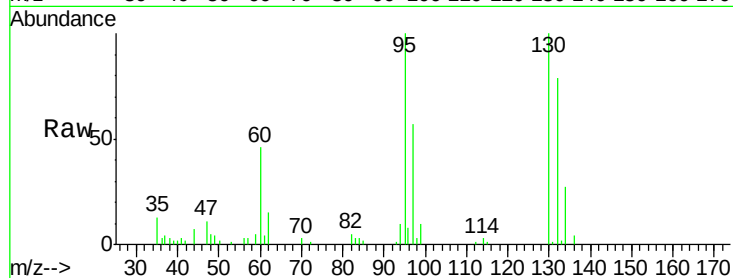




#38
 Trichloroethene
 Concen: 0.227 ppbv
 RT: 7.80 min Scan# 1558
 Delta R.T. -0.05 min
 Lab File: VL035977.D
 Acq: 18 Nov 2020 17:29

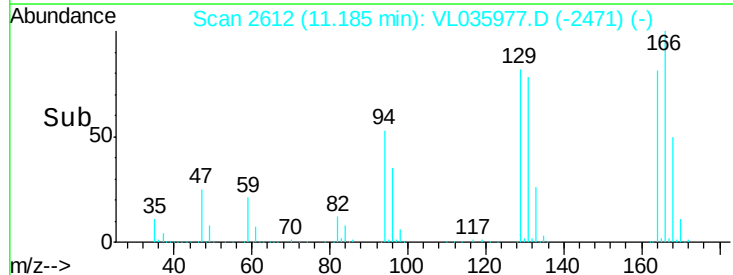
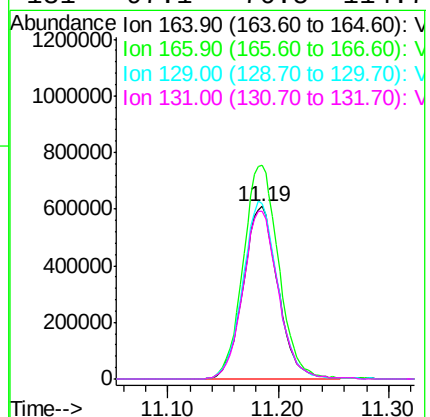
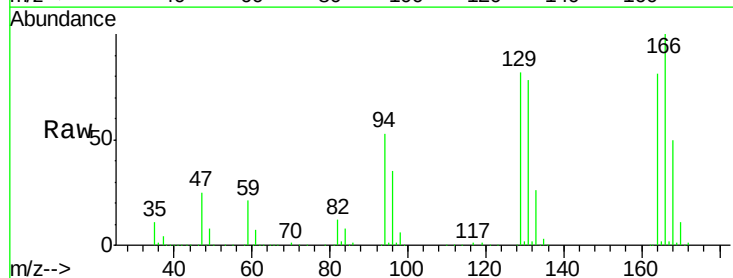
Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL2

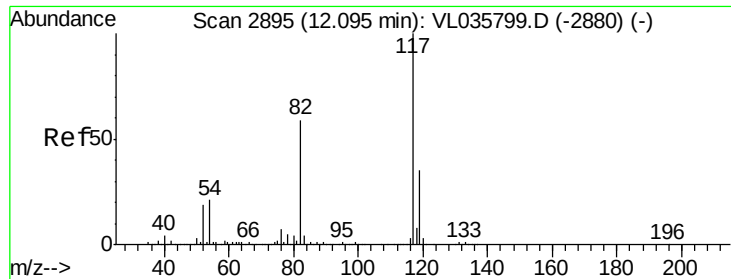
Tot Ion:	130	Resp:	32225
Ion	Ratio	Lower	Upper
130	100		
95	98.3	81.6	122.4
132	77.3	75.1	112.7
97	55.7	54.6	81.8



#52
 Tetrachloroethene
 Concen: 9.669 ppbv
 RT: 11.19 min Scan# 2612
 Delta R.T. -0.05 min
 Lab File: VL035977.D
 Acq: 18 Nov 2020 17:29

Tgt Ion:	164	Resp:	1329116
Ion	Ratio	Lower	Upper
164	100		
166	123.9	99.3	148.9
129	101.6	79.3	118.9
131	97.1	76.5	114.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.04 min Scan# 2879

Delta R.T. -0.05 min

Lab File: VL035977.D

Acq: 18 Nov 2020 17:29

Instrument :

MSVOA_L

ClientSampleId :

SV1DL2

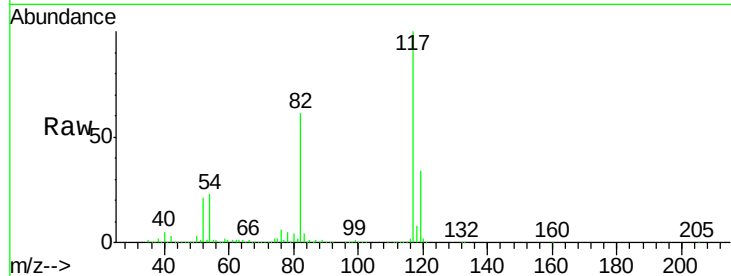
Tot Ion:117 Resp: 3765287

Ion Ratio Lower Upper

117 100

82 61.4 50.6 76.0

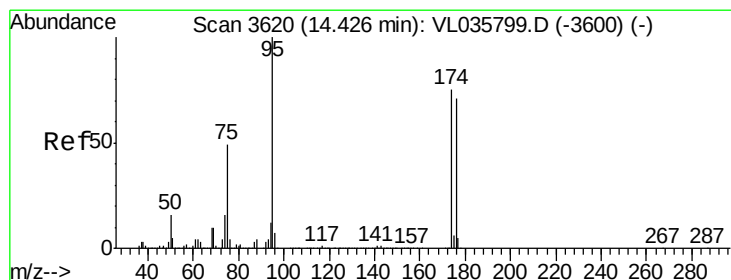
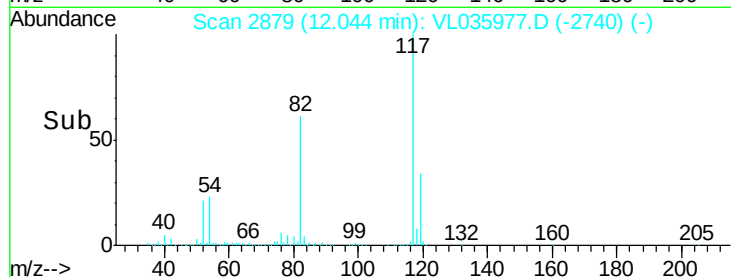
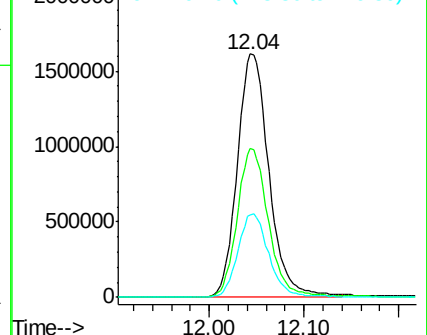
119 34.0 52.6 78.8#



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.506 ppbv

RT: 14.37 min Scan# 3604

Delta R.T. -0.05 min

Lab File: VL035977.D

Acq: 18 Nov 2020 17:29

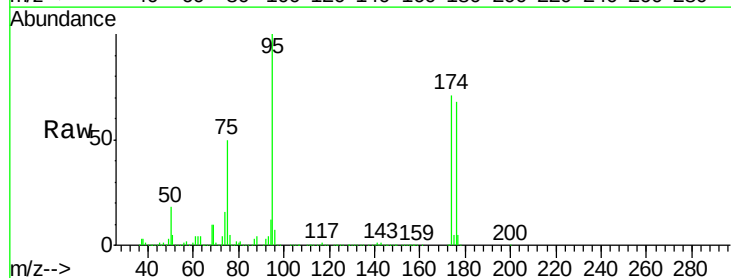
Tgt Ion: 95 Resp: 2810395

Ion Ratio Lower Upper

95 100

174 71.2 59.8 89.6

175 5.0 4.3 6.5



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

