

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112420\
 Data File : VL035995.D
 Acq On : 24 Nov 2020 13:04
 Operator : SY/AP
 Sample : VL1124ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1124ABL01

Quant Time: Nov 25 00:43:22 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	5.64	49	1363753	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	4702902	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	4421068	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	3425583	10.91	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.10%

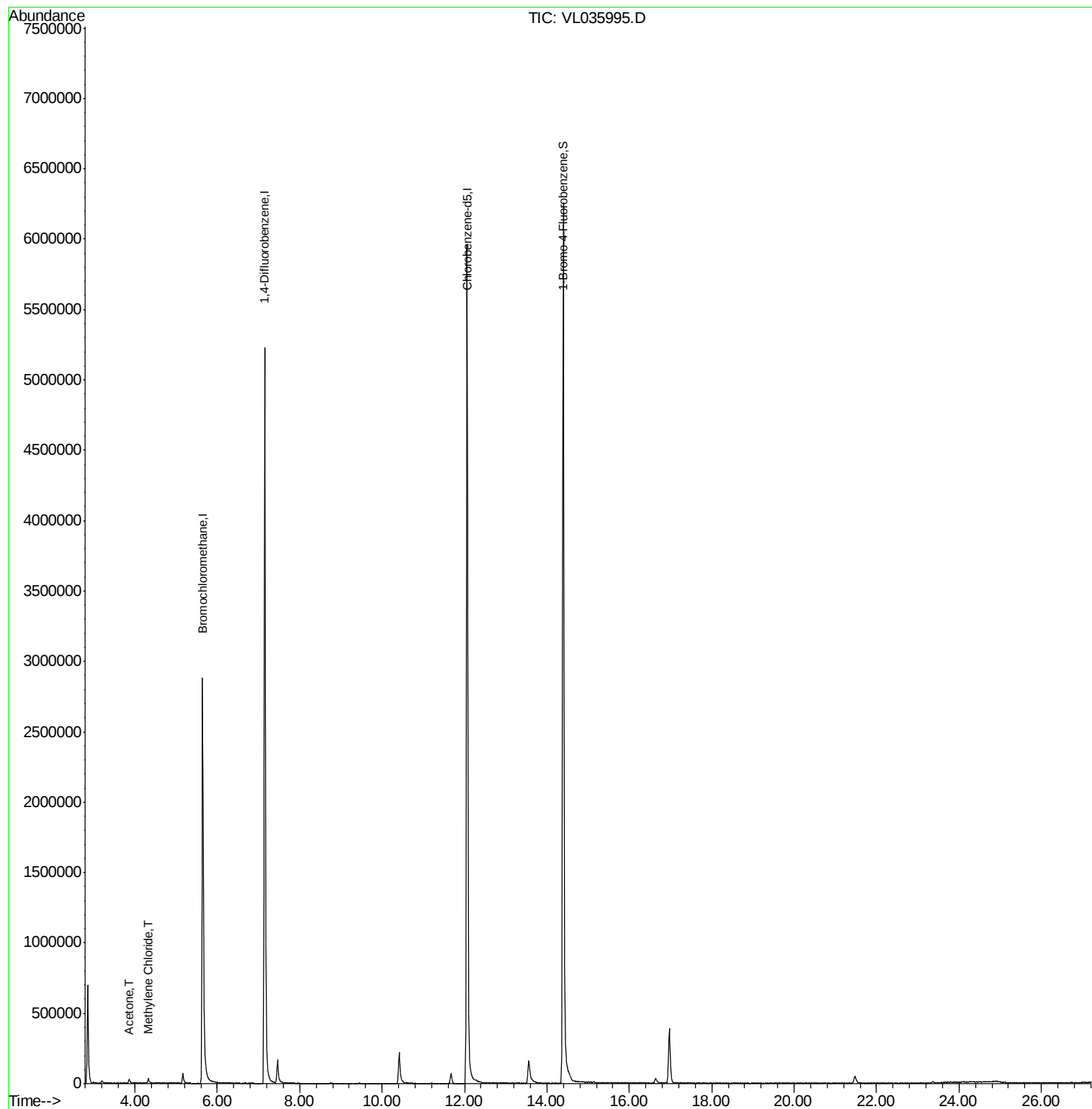
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.85	43	24769	0.170	ppbv	# 1
20) Methylene Chloride	4.32	84	18298	0.178	ppbv	90

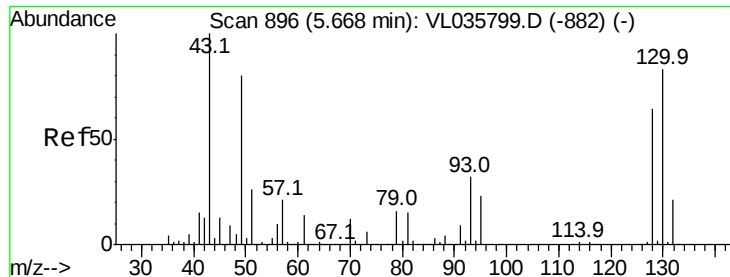
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 888

Delta R.T. -0.03 min

Lab File: VL035995.D

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Instrument :

MSVOA_L

ClientSampleId :

VL1124ABL01

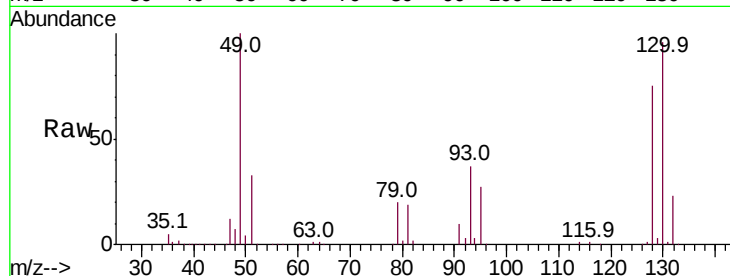
Tot Ion: 49 Resp: 1363753

Ion Ratio Lower Upper

49 100

128 75.3 41.5 124.6

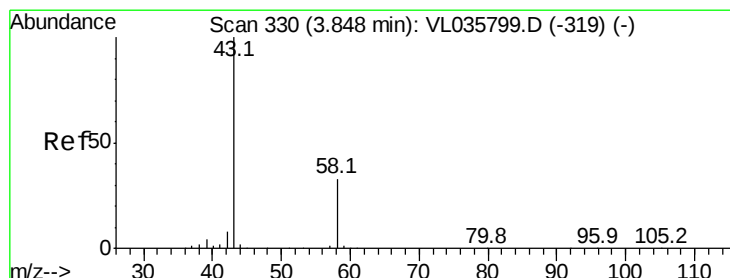
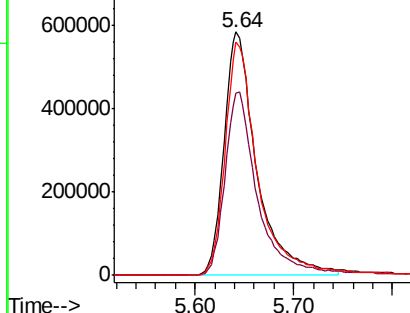
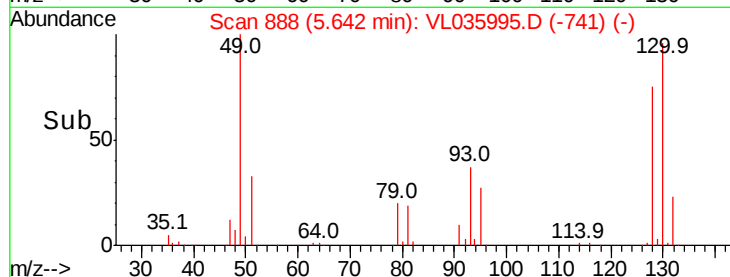
130 98.0 53.7 161.1



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.170 ppbv

RT: 3.85 min Scan# 332

Delta R.T. 0.01 min

Lab File: VL035995.D

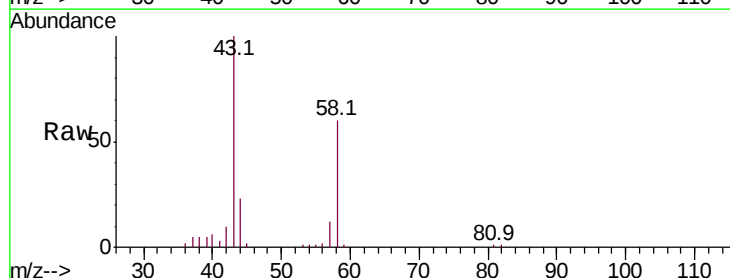
Acq: 24 Nov 2020 13:04

Tgt Ion: 43 Resp: 24769

Ion Ratio Lower Upper

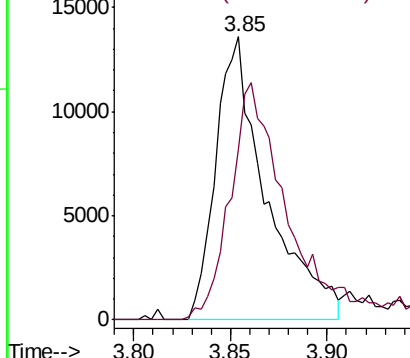
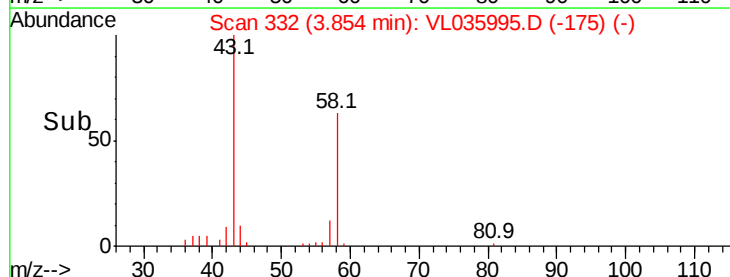
43 100

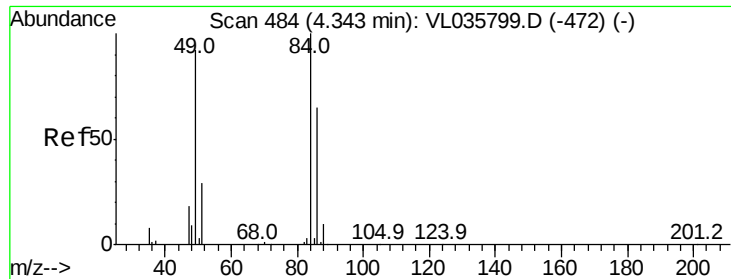
58 98.5 27.5 41.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

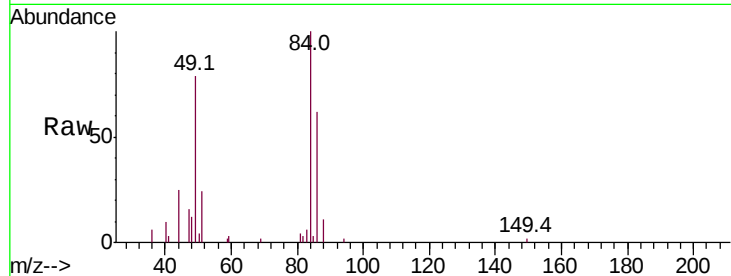




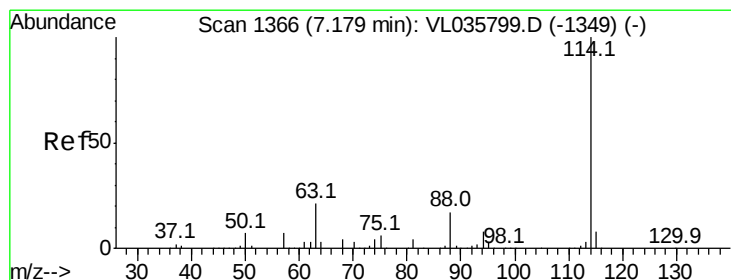
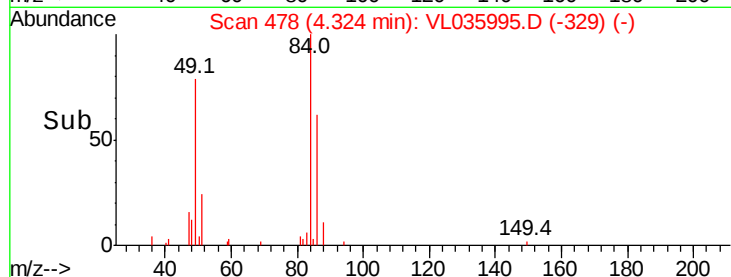
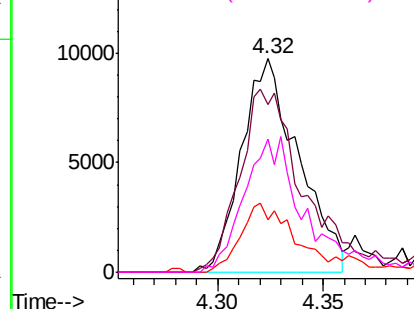
#20
Methvlene Chloride
Concen: 0.178 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.02 min
Lab File: VL035995.D
Acq: 24 Nov 2020 13:04

Instrument :
MSVOA_L
ClientSampleId :
VL1124ABL01

Tot Ion: 84 Resp: 18298
Ion Ratio Lower Upper
84 100
49 78.6 73.8 110.8
51 24.4 23.0 34.4
86 62.2 52.1 78.1

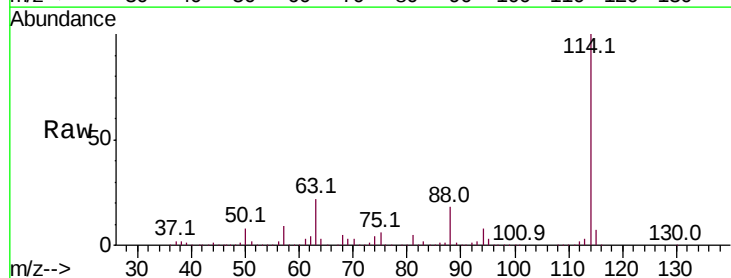


Abundance Ion 84.00 (83.70 to 84.70): VL0
15000 Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

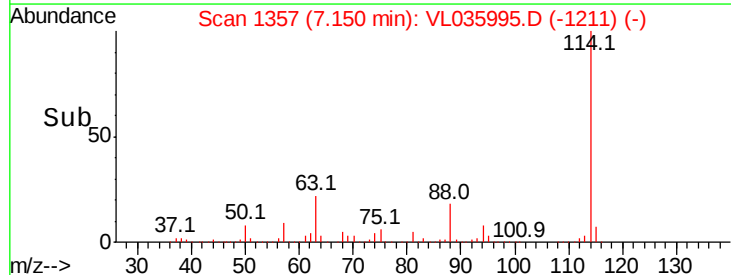
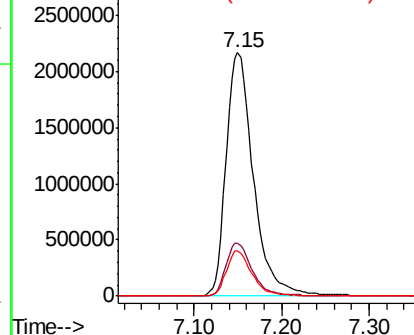


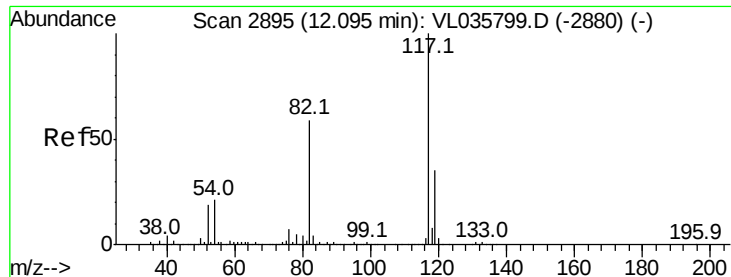
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.03 min
Lab File: VL035995.D
Acq: 24 Nov 2020 13:04

Tgt Ion: 114 Resp: 4702902
Ion Ratio Lower Upper
114 100
63 21.5 16.1 24.1
88 17.7 13.7 20.5



Abundance Ion 114.10 (113.80 to 114.80): V
3000000 Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0

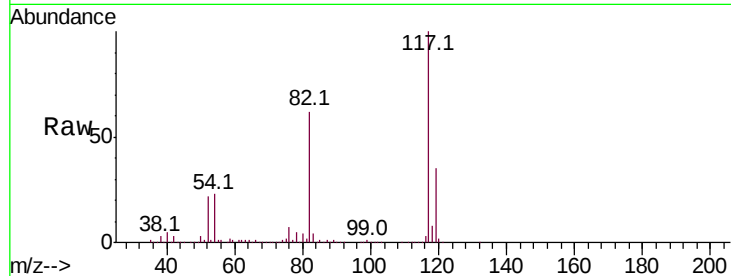




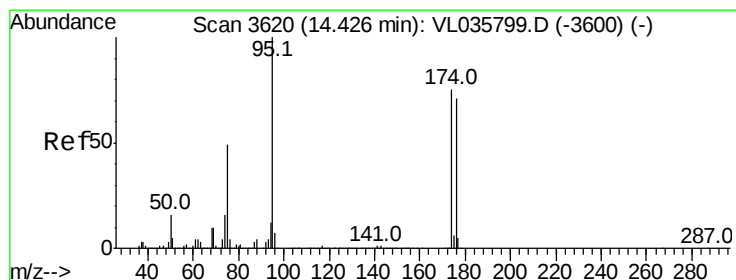
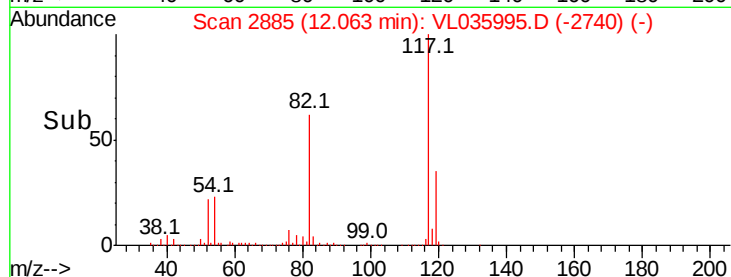
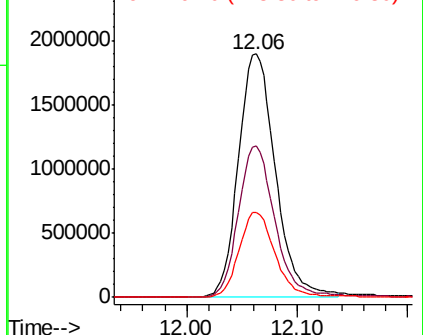
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2885
Delta R.T. -0.03 min
Lab File: VL035995.D
Acq: 24 Nov 2020 13:04

Instrument :
MSVOA_L
ClientSampleId :
VL1124ABL01

Tot Ion:117 Resp: 4421068
Ion Ratio Lower Upper
117 100
82 62.6 50.6 76.0
119 34.7 52.6 78.8#

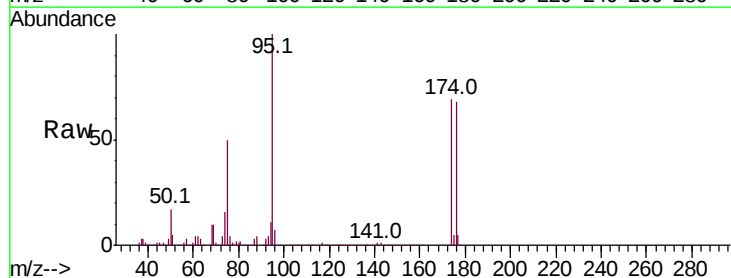


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.906 ppbv
RT: 14.39 min Scan# 3610
Delta R.T. -0.03 min
Lab File: VL035995.D
Acq: 24 Nov 2020 13:04

Tgt Ion: 95 Resp: 3425583
Ion Ratio Lower Upper
95 100
174 70.6 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

