

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111620\
 Data File : VL035956.D
 Acq On : 16 Nov 2020 23:11
 Operator : SY/AP
 Sample : L4722-05DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SR-5DL

Quant Time: Nov 17 22:18:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed 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	5.66	49	1231202	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4322156	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4107415	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3031751	10.39	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.90%

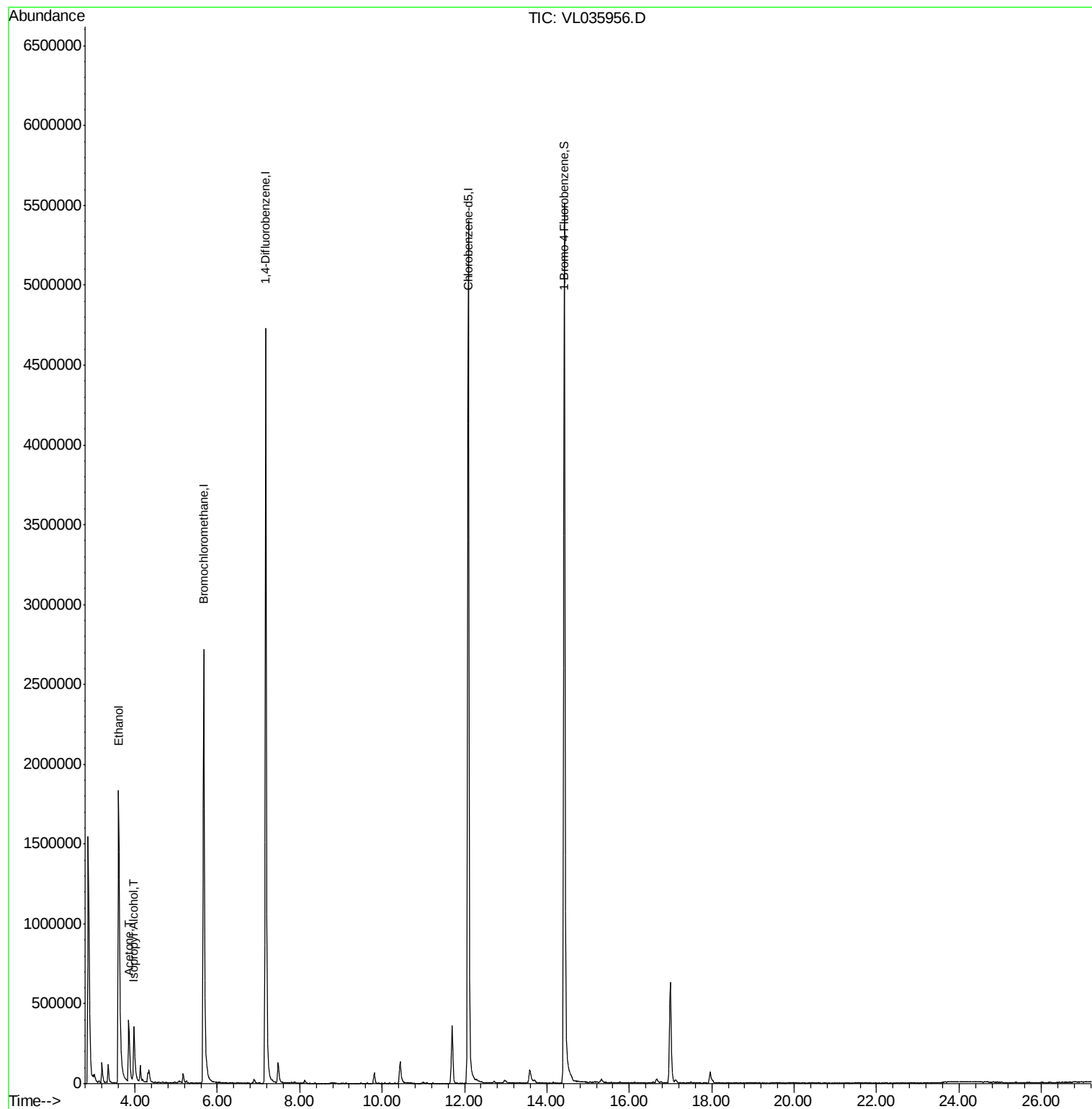
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.60	45	2785275	237.907	ppbv	95
15) Acetone	3.85	43	470154	3.572	ppbv	100
19) Isopropyl Alcohol	3.97	45	502208	6.209	ppbv #	95

(#) = 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: 5.66 min Scan# 895

Delta R.T. -0.00 min

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MSVOA_L

ClientSampleId :

SR-5DL

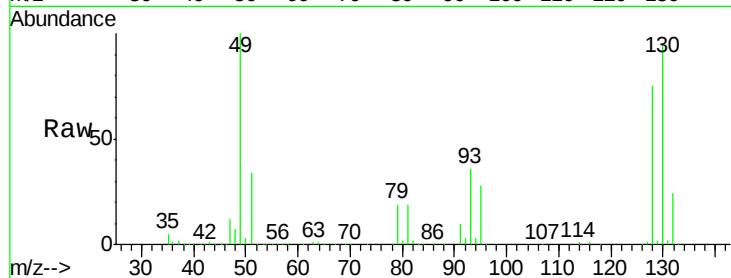
Tot Ion: 49 Resp: 1231202

Ion Ratio Lower Upper

49 100

128 77.6 41.5 124.6

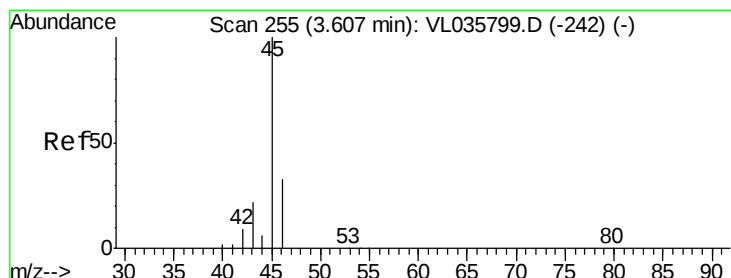
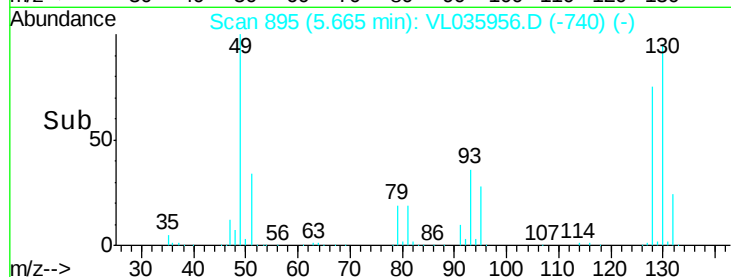
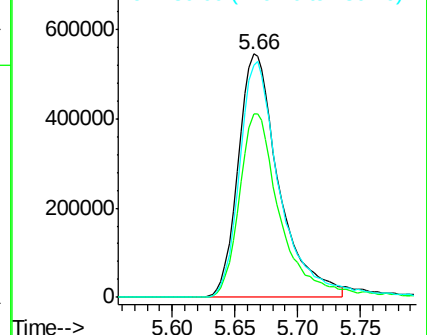
130 98.8 53.7 161.1



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



#13

Ethanol

Concen: 237.907 ppbv

RT: 3.60 min Scan# 254

Delta R.T. -0.00 min

Lab File: VL035956.D

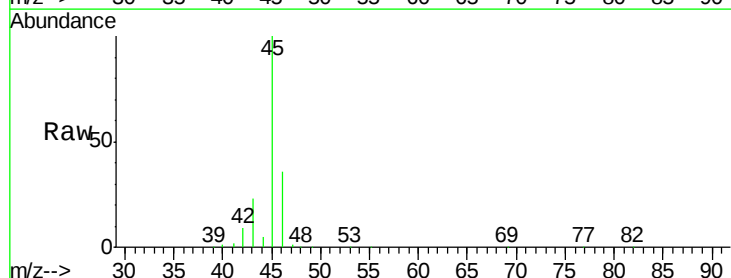
Acq: 16 Nov 2020 23:11

Tgt Ion: 45 Resp: 2785275

Ion Ratio Lower Upper

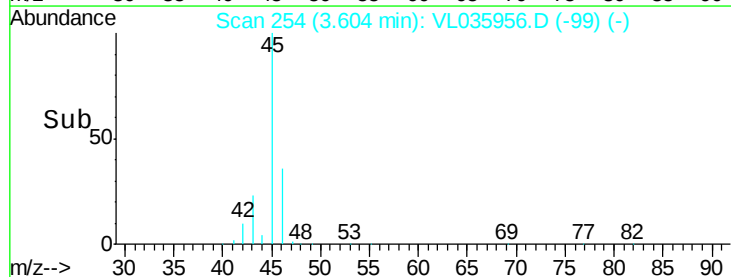
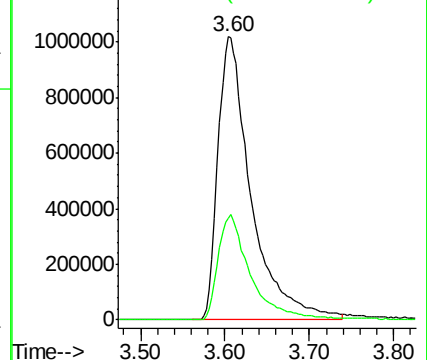
45 100

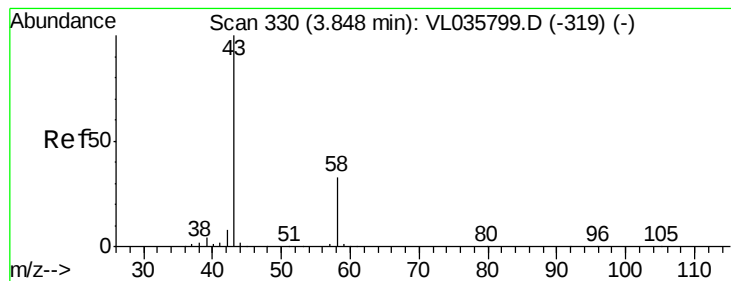
46 37.0 16.1 64.5



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 3.572 ppbv

RT: 3.85 min Scan# 331

Delta R.T. 0.00 min

Lab File: VL035956.D

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Instrument :

MSVOA_L

ClientSampleId :

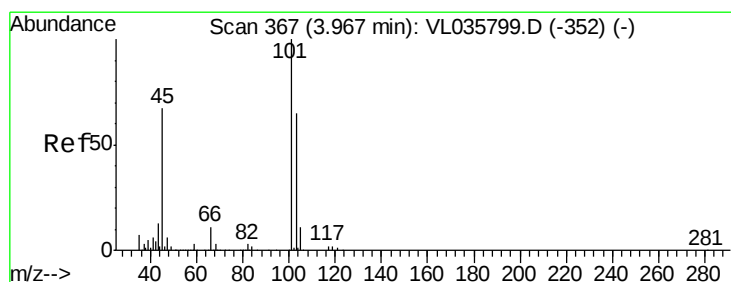
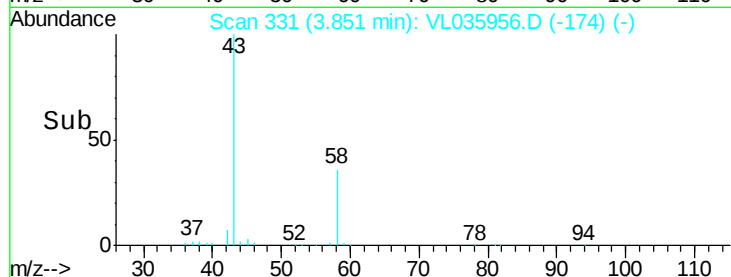
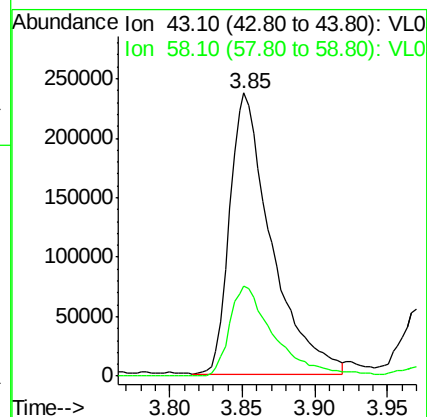
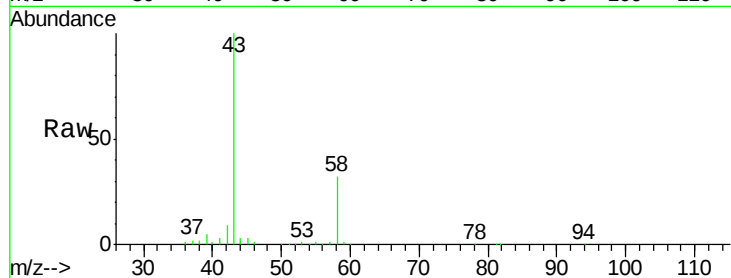
SR-5DL

Tot Ion: 43 Resp: 470154

Ion Ratio Lower Upper

43 100

58 34.5 27.5 41.3



#19

Isopropyl Alcohol

Concen: 6.209 ppbv

RT: 3.97 min Scan# 369

Delta R.T. 0.01 min

Lab File: VL035956.D

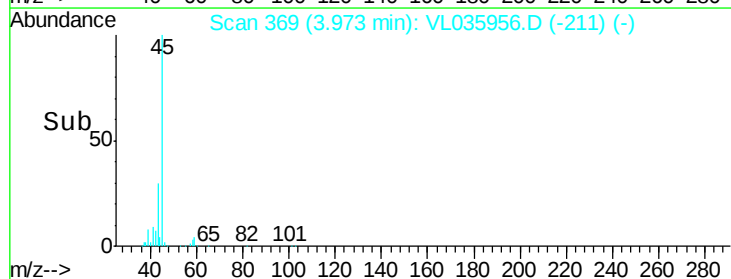
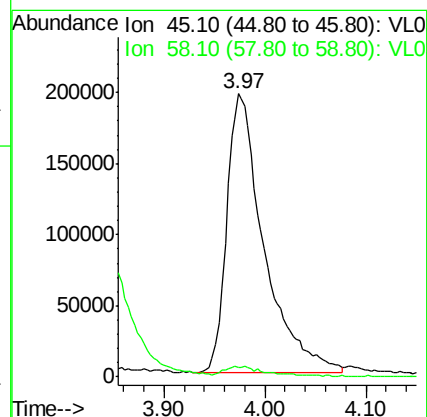
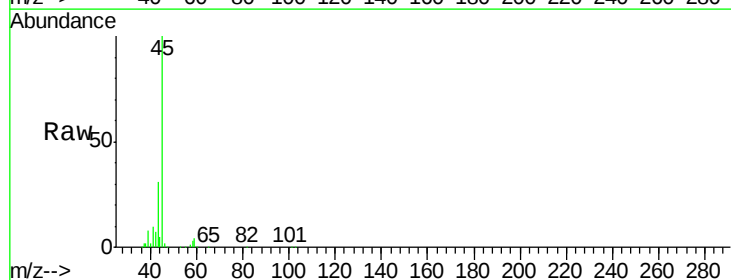
Acq: 16 Nov 2020 23:11

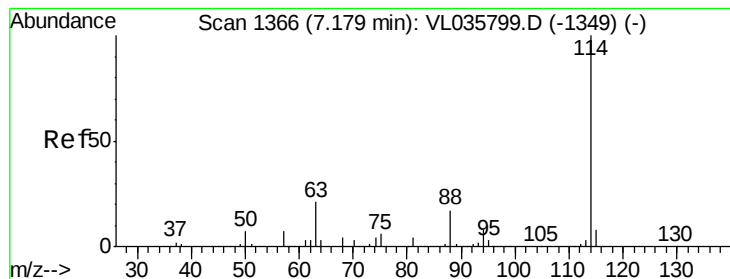
Tgt Ion: 45 Resp: 502208

Ion Ratio Lower Upper

45 100

58 4.8 2.6 3.8#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VL035956.D

Acq: 16 Nov 2020 23:11

Instrument :

MSVOA_L

ClientSampleId :

SR-5DL

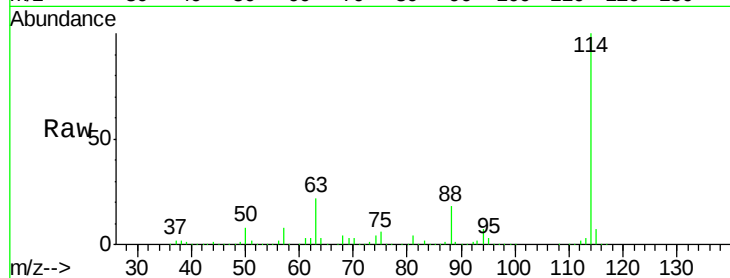
Tot Ion:114 Resp: 4322156

Ion Ratio Lower Upper

114 100

63 21.0 16.1 24.1

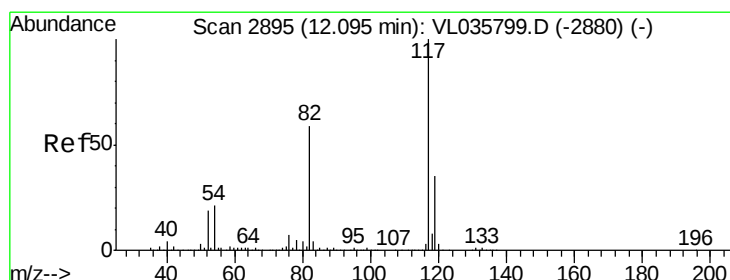
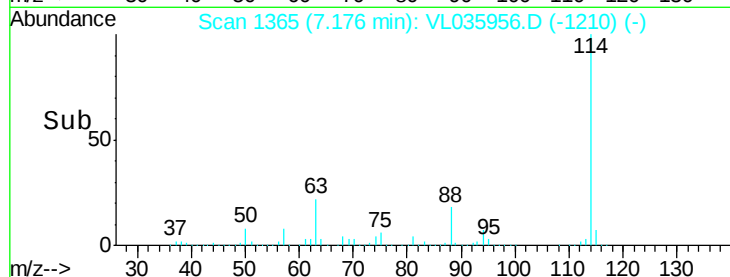
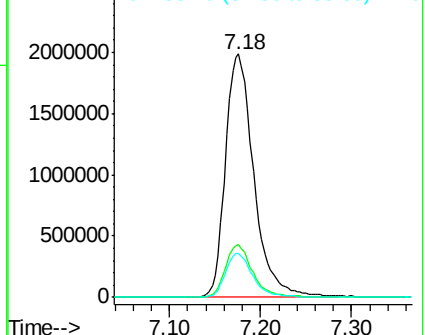
88 17.6 13.7 20.5



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: 12.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: VL035956.D

Acq: 16 Nov 2020 23:11

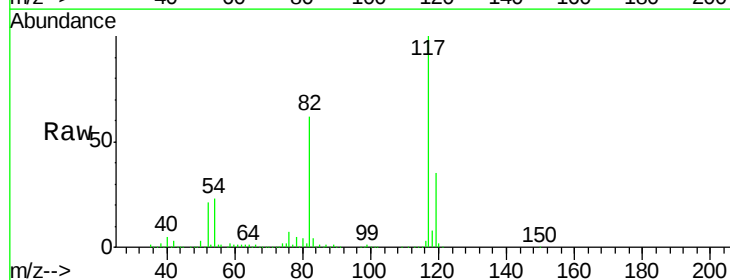
Tgt Ion:117 Resp: 4107415

Ion Ratio Lower Upper

117 100

82 61.4 50.6 76.0

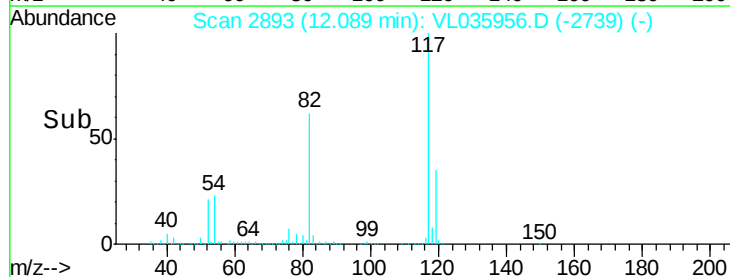
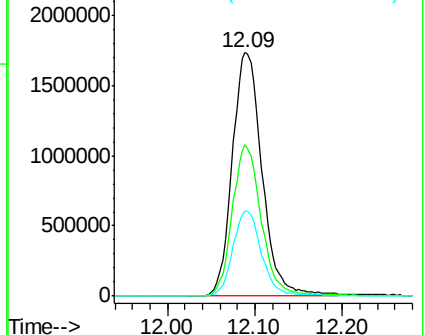
119 34.2 52.6 78.8#

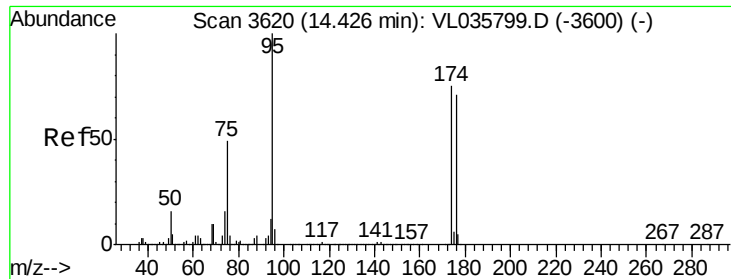


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.389 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. -0.00 min

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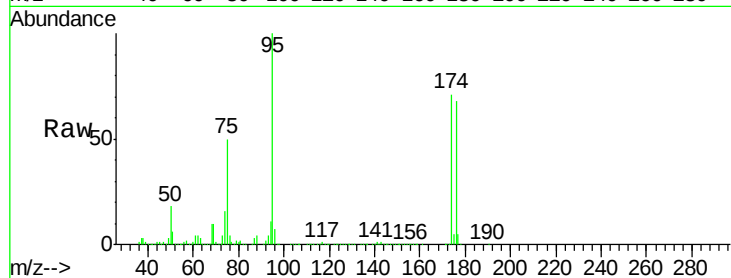
Tot Ion: 95 Resp: 3031751

Ion Ratio Lower Upper

95 100

174 71.7 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

