

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031819\
Quantitation Report (Not Reviewed)

Data File : VL033383.D
Acq On : 19 Mar 2019 9:08
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Mar 19 12:07:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 15 14:52:14 2019
QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	722633	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1642281	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.24	117	1615289	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1214162	10.14	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%

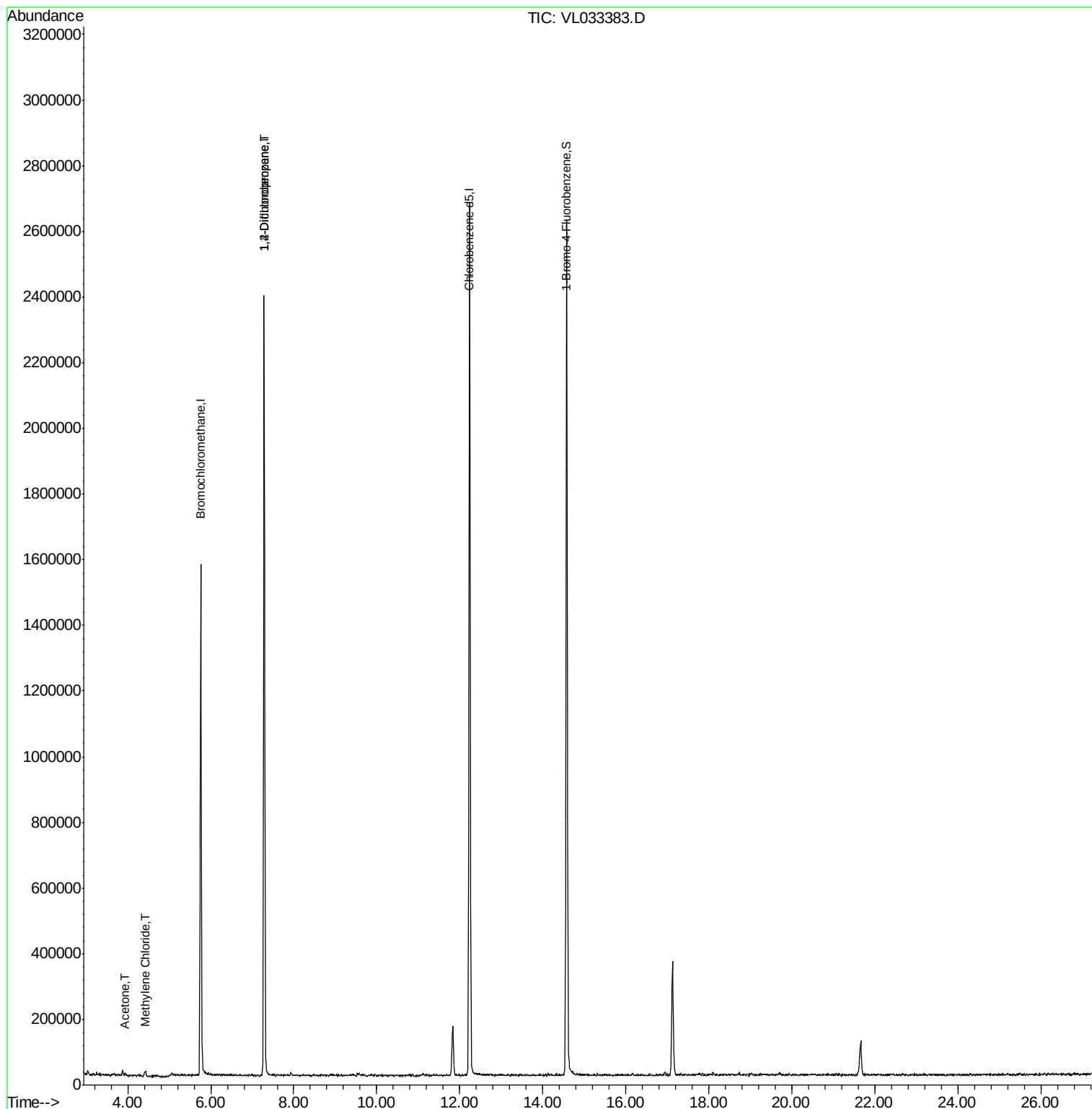
Target Compounds						Qvalue
15) Acetone	3.93	43	6372	0.057	ppbv	90
20) Methylene Chloride	4.41	84	1524	0.042	ppbv #	29
39) 1,2-Dichloropropane	7.28	63	436244	7.926	ppbv #	24

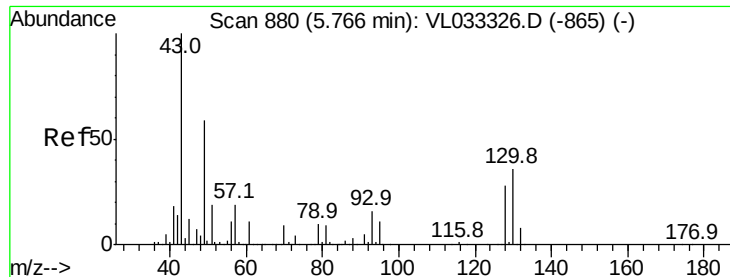
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.01 min

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MSVOA_L

ClientSampleId :

VIBLK

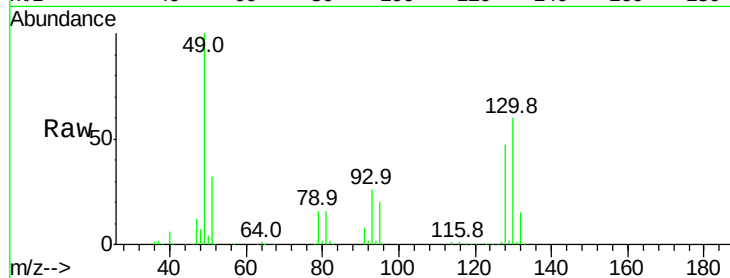
Tgt Ion: 49 Resp: 722633

Ion Ratio Lower Upper

49 100

128 48.3 23.5 70.6

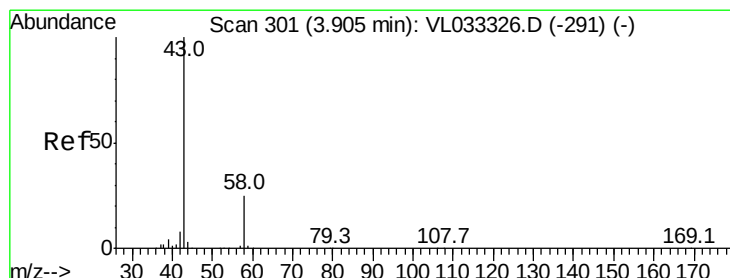
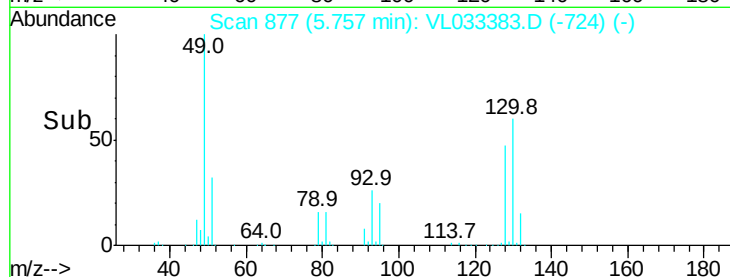
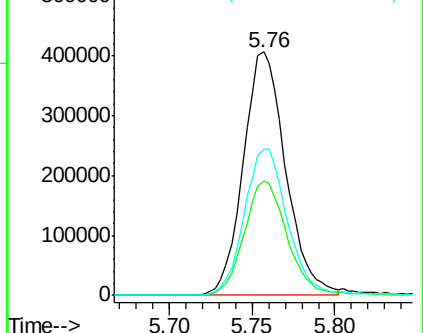
130 62.1 30.1 90.3



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



#15

Acetone

Concen: 0.057 ppbv

RT: 3.93 min Scan# 309

Delta R.T. 0.03 min

Lab File: VL033383.D

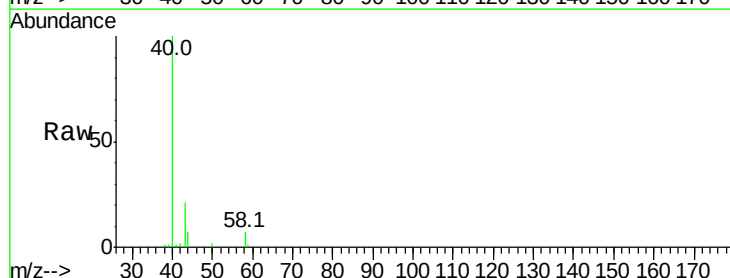
Acq: 19 Mar 2019 9:08

Tgt Ion: 43 Resp: 6372

Ion Ratio Lower Upper

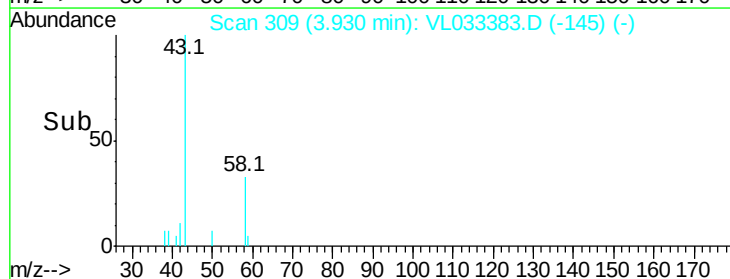
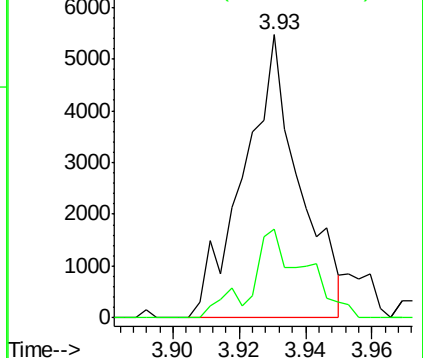
43 100

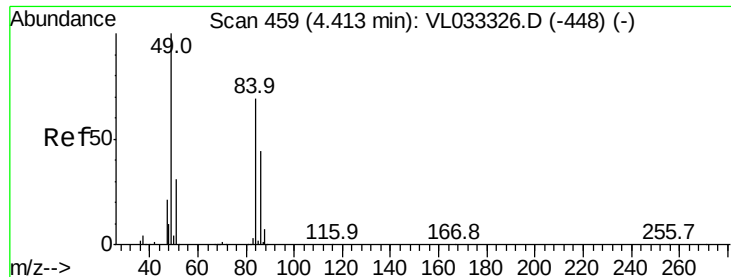
58 30.4 20.4 30.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

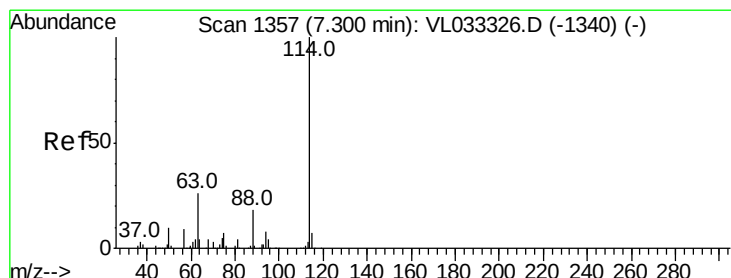
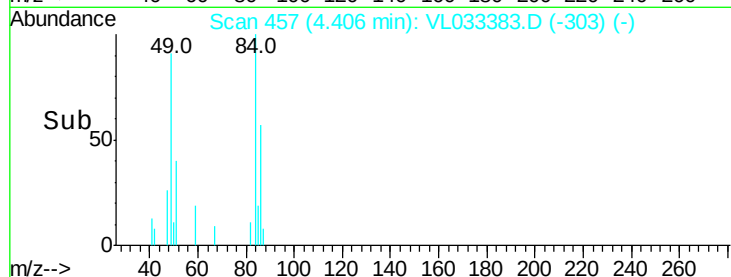
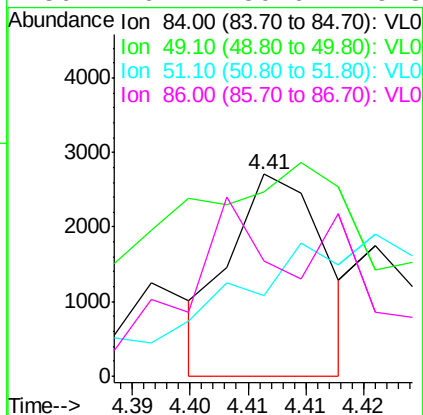
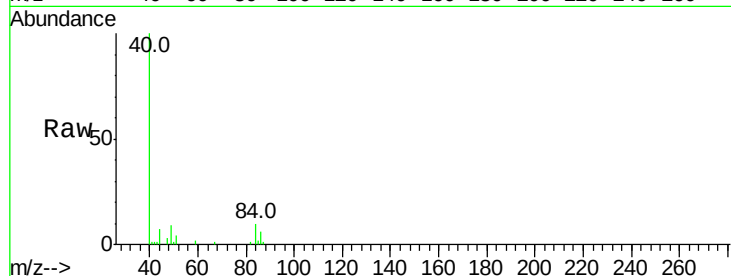




#20
Methylene Chloride
Concen: 0.042 ppbv
RT: 4.41 min Scan# 457
Delta R.T. -0.01 min
Lab File: VL033383.D
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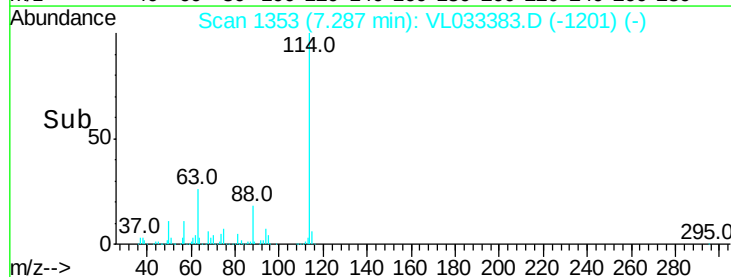
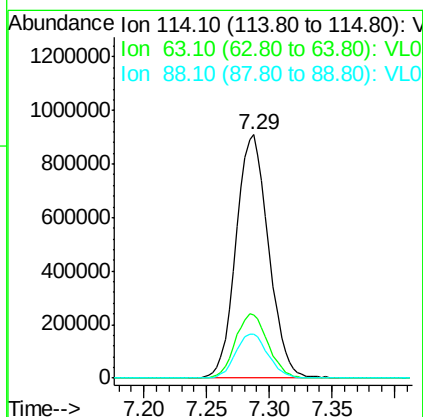
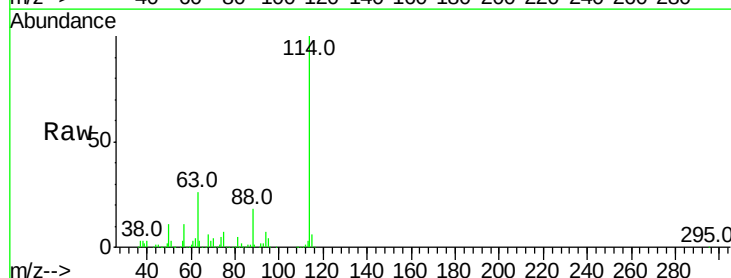
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

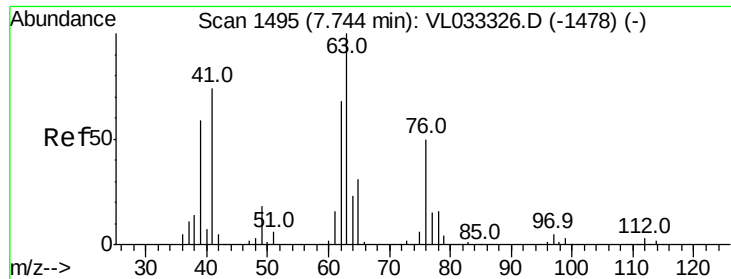
Tgt Ion: 84 Resp: 1524
Ion Ratio Lower Upper
84 100
49 21.1 115.4 173.0#
51 20.2 35.8 53.6#
86 40.4 50.6 75.8#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033383.D
Acq: 19 Mar 2019 9:08

Tgt Ion: 114 Resp: 1642281
Ion Ratio Lower Upper
114 100
63 26.7 21.4 32.2
88 18.1 14.5 21.7





#39

1,2-Dichloropropane

Concen: 7.926 ppbv

RT: 7.28 min Scan# 1352

Delta R.T. -0.46 min

Lab File: VL033383.D

Acq: 19 Mar 2019 9:08

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

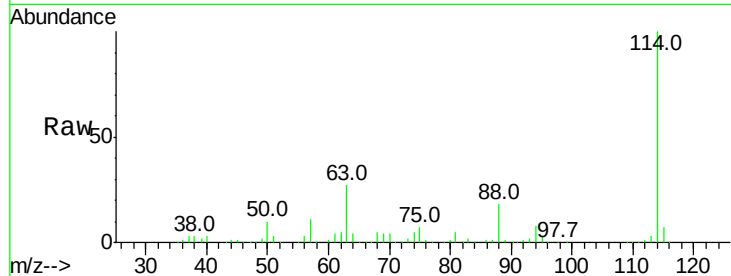
Tgt Ion: 63 Resp: 436244

Ion Ratio Lower Upper

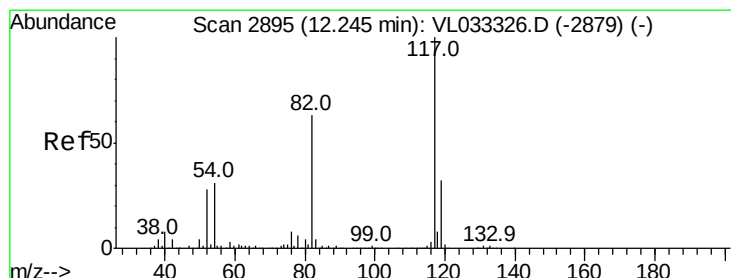
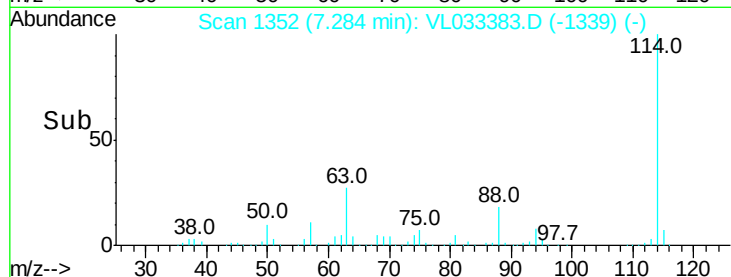
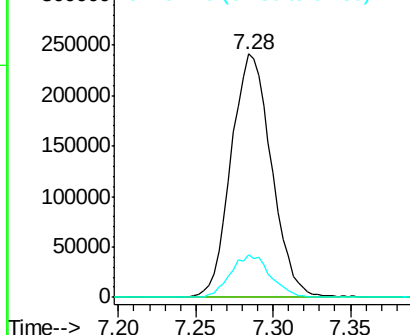
63 100

41 0.0 59.5 89.3#

62 17.6 54.7 82.1#



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: 12.24 min Scan# 2892

Delta R.T. -0.01 min

Lab File: VL033383.D

Acq: 19 Mar 2019 9:08

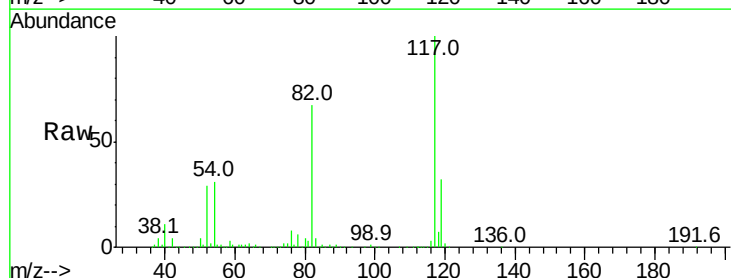
Tgt Ion: 117 Resp: 1615289

Ion Ratio Lower Upper

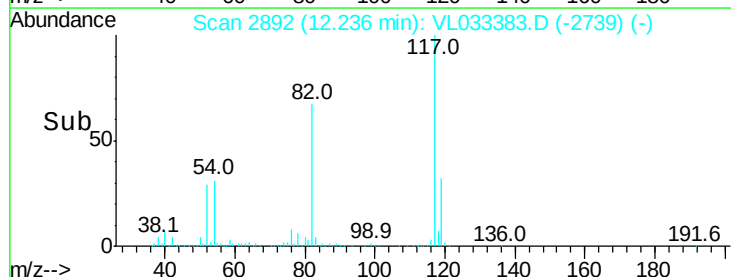
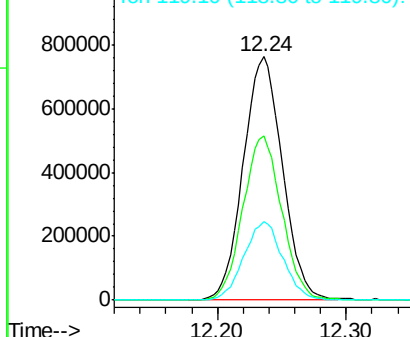
117 100

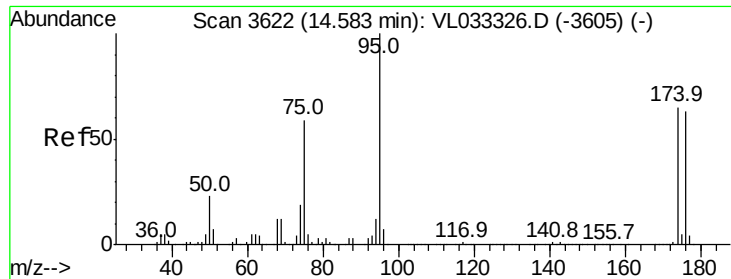
82 67.1 53.4 80.2

119 32.1 27.3 40.9



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: 10.144 ppbv

RT: 14.57 min Scan# 3619

Delta R.T. -0.01 min

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VIBLK

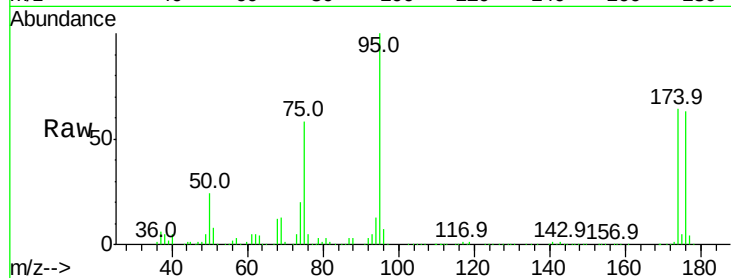
Tgt Ion: 95 Resp: 1214162

Ion Ratio Lower Upper

95 100

174 64.7 51.5 77.3

175 4.8 3.8 5.6



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

