

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

Data File : VL033385.D
Acq On : 19 Mar 2019 10:59
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Mar 19 12:09:02 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	5.75	49	715291	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.28	114	1774592	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.24	117	1643618	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1261503	10.36	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.60%

Target Compounds						Qvalue
13) Ethanol	3.67	45	871	0.050	ppbv	95
20) Methylene Chloride	4.41	84	3412	0.094	ppbv #	72
39) 1,2-Dichloropropane	7.29	63	484366	8.144	ppbv #	24

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

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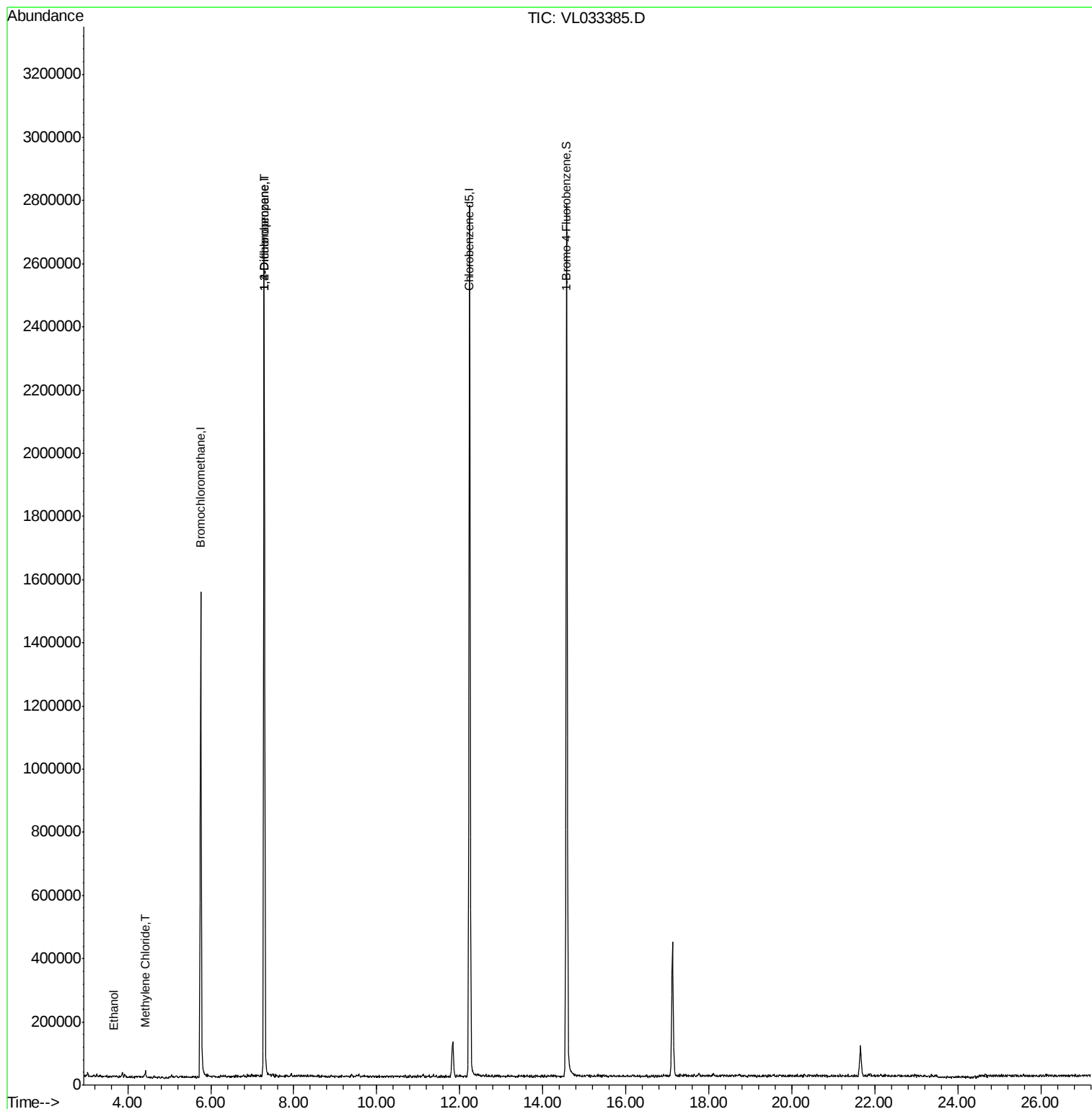
Quant Time: Mar 19 12:09:02 2019

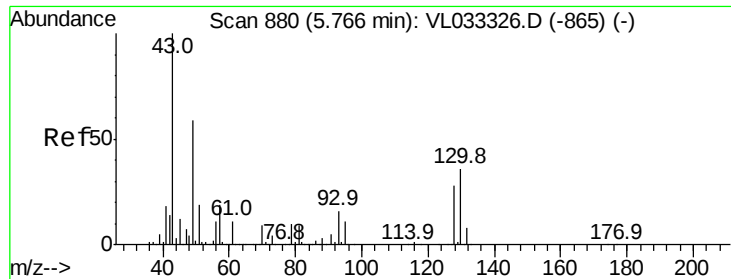
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031519AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 15 14:52:14 2019

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Response via : Initial Calibration

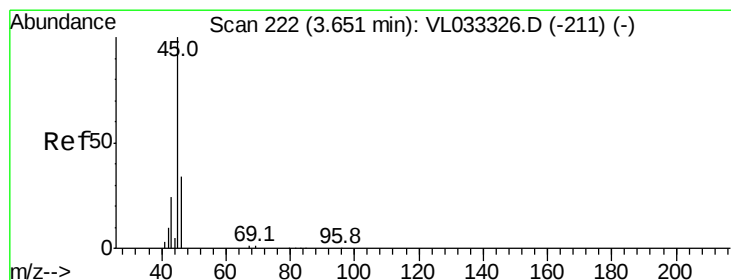
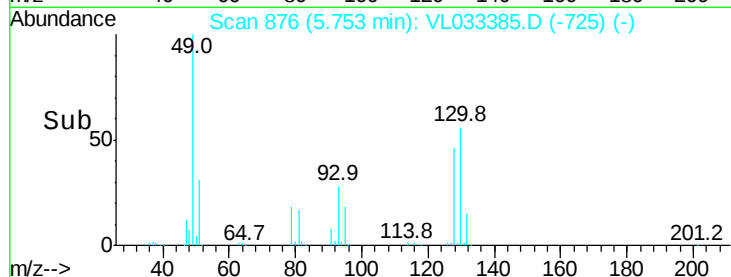
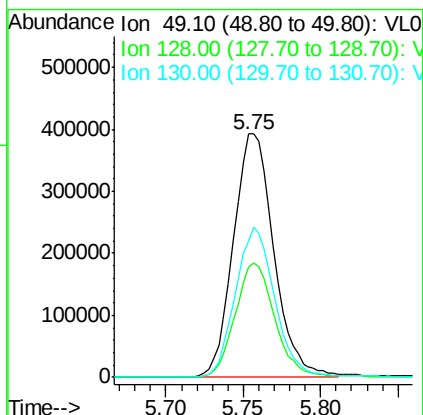
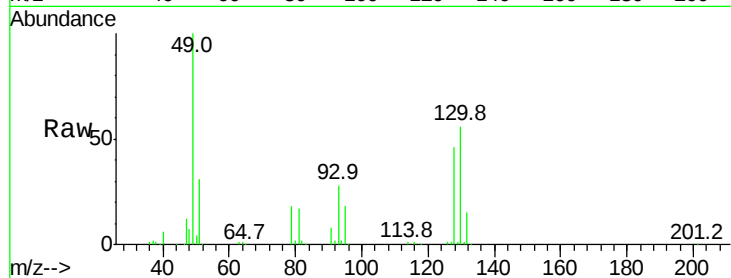




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.75 min Scan# 876
Delta R.T. -0.01 min
Lab File: VL033385.D
Acq: 19 Mar 2019 10:59

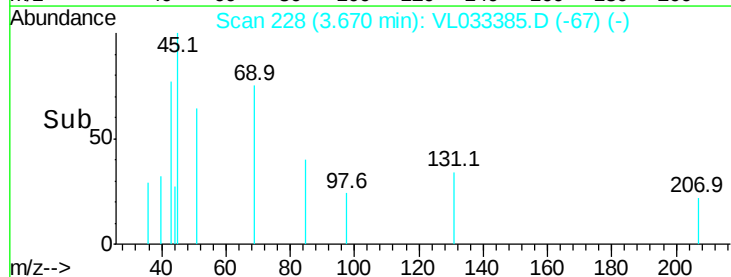
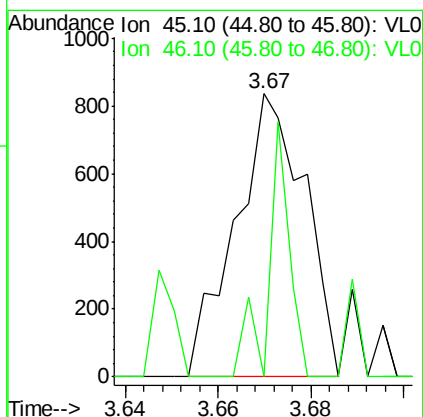
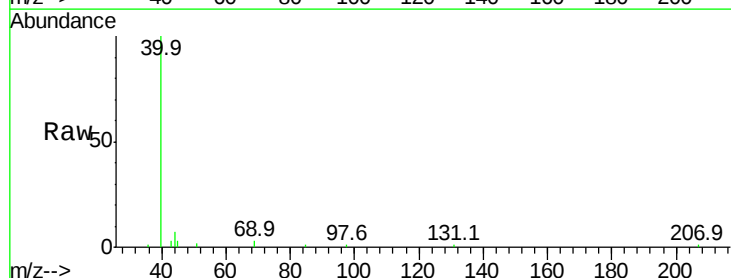
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

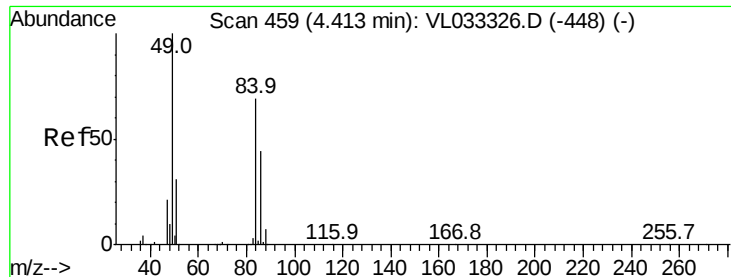
Tgt Ion: 49 Resp: 715291
Ion Ratio Lower Upper
49 100
128 46.3 23.5 70.6
130 60.5 30.1 90.3



#13
Ethanol
Concen: 0.050 ppbv
RT: 3.67 min Scan# 228
Delta R.T. 0.02 min
Lab File: VL033385.D
Acq: 19 Mar 2019 10:59

Tgt Ion: 45 Resp: 871
Ion Ratio Lower Upper
45 100
46 34.1 14.9 59.7





#20

Methylene Chloride

Concen: 0.094 ppbv

RT: 4.41 min Scan# 457

Delta R.T. -0.01 min

Lab File: VL033385.D

Acq: 19 Mar 2019 10:59

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tgt Ion: 84 Resp: 3412

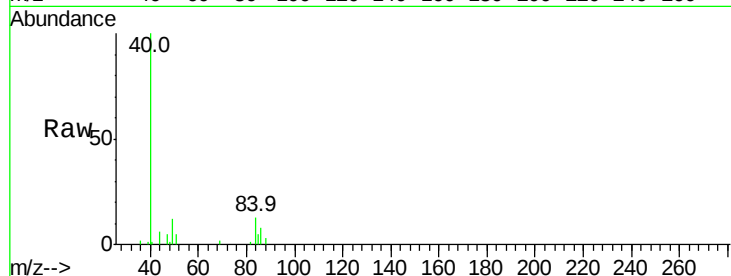
Ion Ratio Lower Upper

84 100

49 87.3 115.4 173.0#

51 40.0 35.8 53.6

86 61.9 50.6 75.8

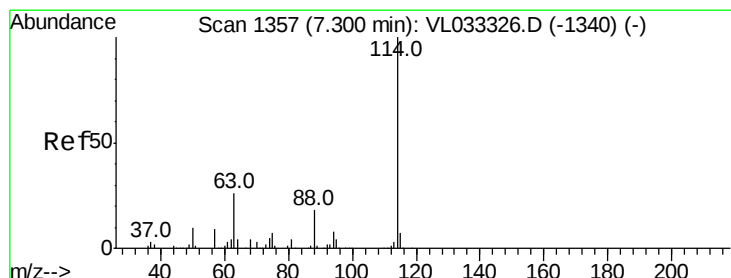
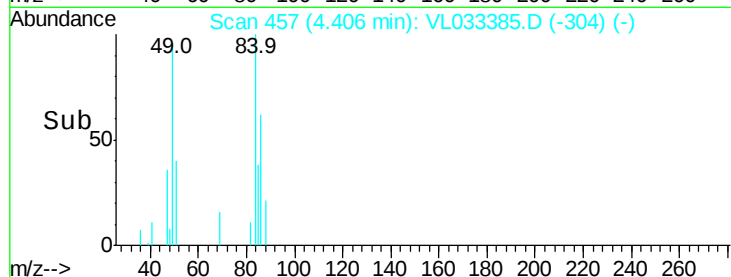
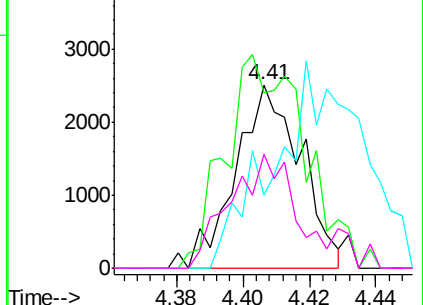


Abundance Ion 84.00 (83.70 to 84.70): VL0

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: 7.28 min Scan# 1352

Delta R.T. -0.02 min

Lab File: VL033385.D

Acq: 19 Mar 2019 10:59

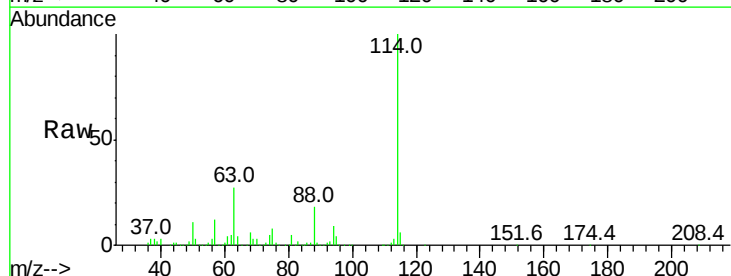
Tgt Ion: 114 Resp: 1774592

Ion Ratio Lower Upper

114 100

63 27.3 21.4 32.2

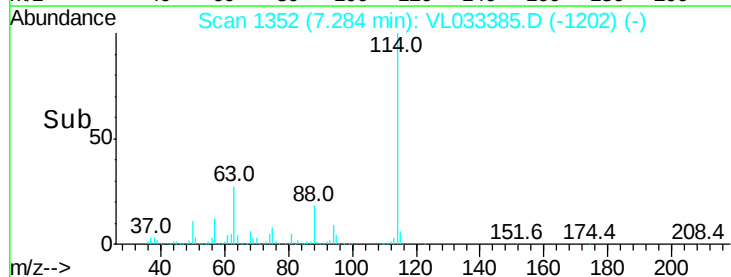
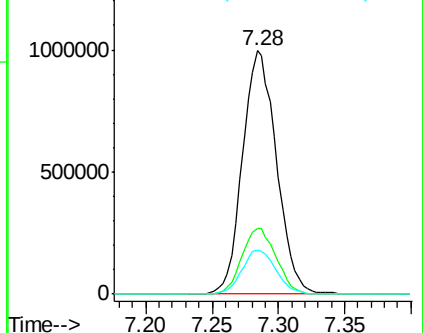
88 18.2 14.5 21.7

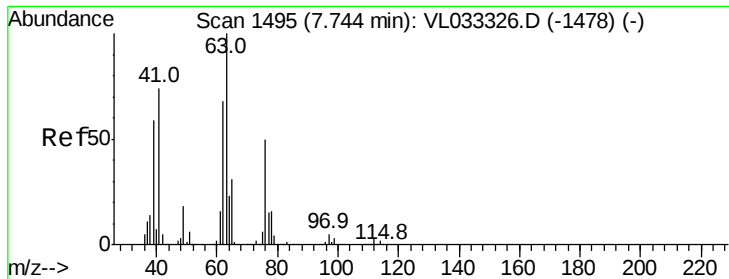


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





#39

1,2-Dichloropropane

Concen: 8.144 ppbv

RT: 7.29 min Scan# 1353

Delta R.T. -0.46 min

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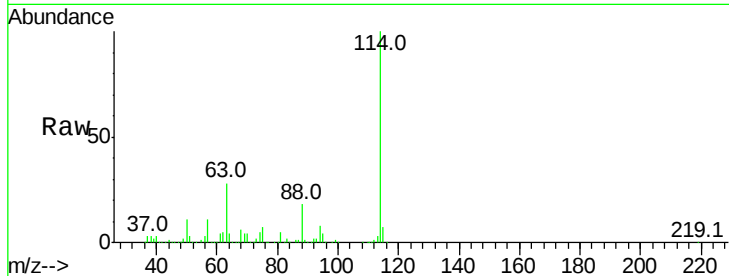
Tgt Ion: 63 Resp: 484366

Ion Ratio Lower Upper

63 100

41 0.2 59.5 89.3#

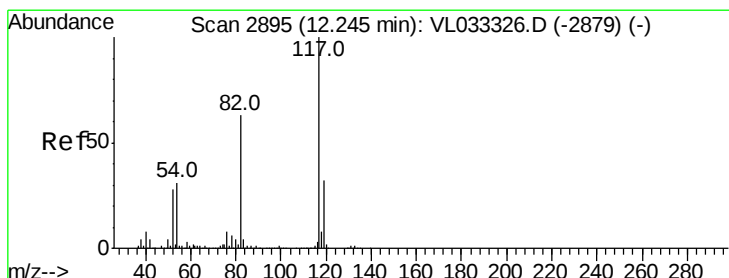
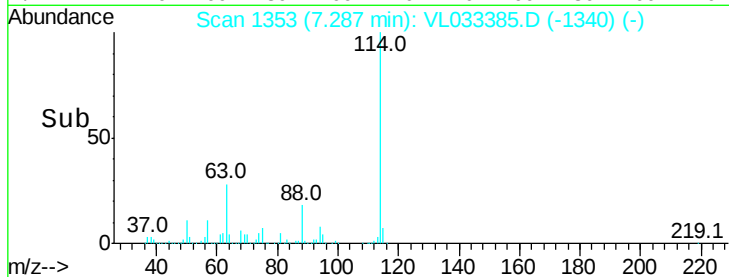
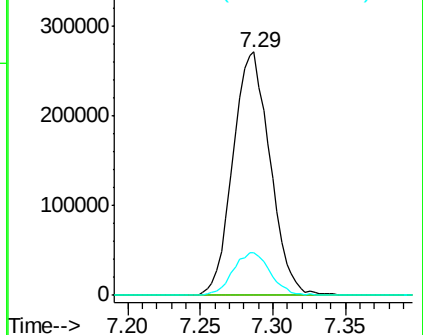
62 17.5 54.7 82.1#



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: VL033385.D

Acq: 19 Mar 2019 10:59

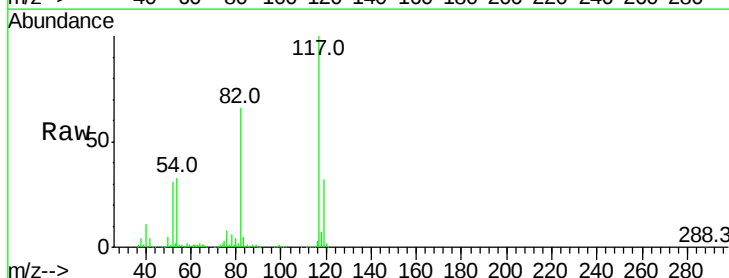
Tgt Ion: 117 Resp: 1643618

Ion Ratio Lower Upper

117 100

82 69.1 53.4 80.2

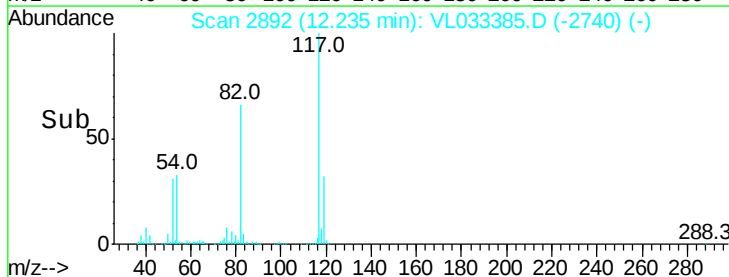
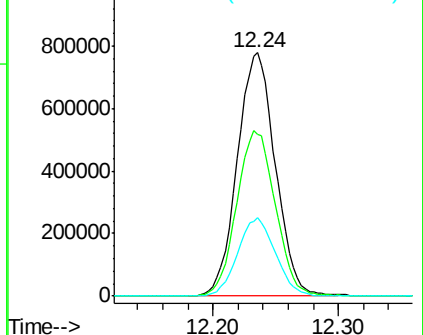
119 32.1 27.3 40.9

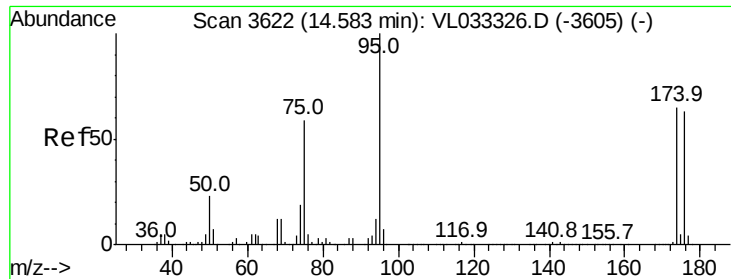


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.358 ppbv

RT: 14.57 min Scan# 3619

Delta R.T. -0.01 min

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Acq: 19 Mar 2019 10:59

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ClientSampleId :

VIBLK

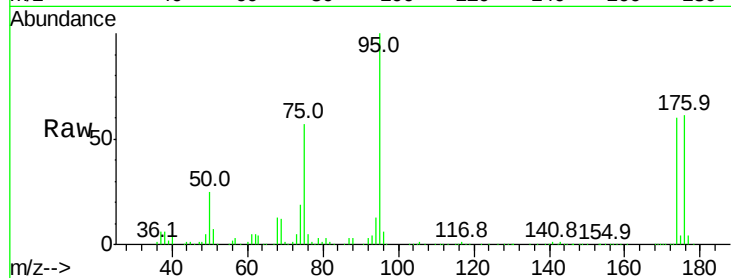
Tgt Ion: 95 Resp: 1261503

Ion Ratio Lower Upper

95 100

174 63.9 51.5 77.3

175 4.5 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

