

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030819\
 Data File : VL033264.D
 Acq On : 8 Mar 2019 18:56
 Operator : SY/AP
 Sample : VL0308ABL01
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0308ABL01

Quant Time: Mar 09 03:44:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030819AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Sat Mar 09 03:32:03 2019
 QLast Update : Sat Mar 09 03:32:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	969194	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2190236	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2469836	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1968640	9.93	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.30%

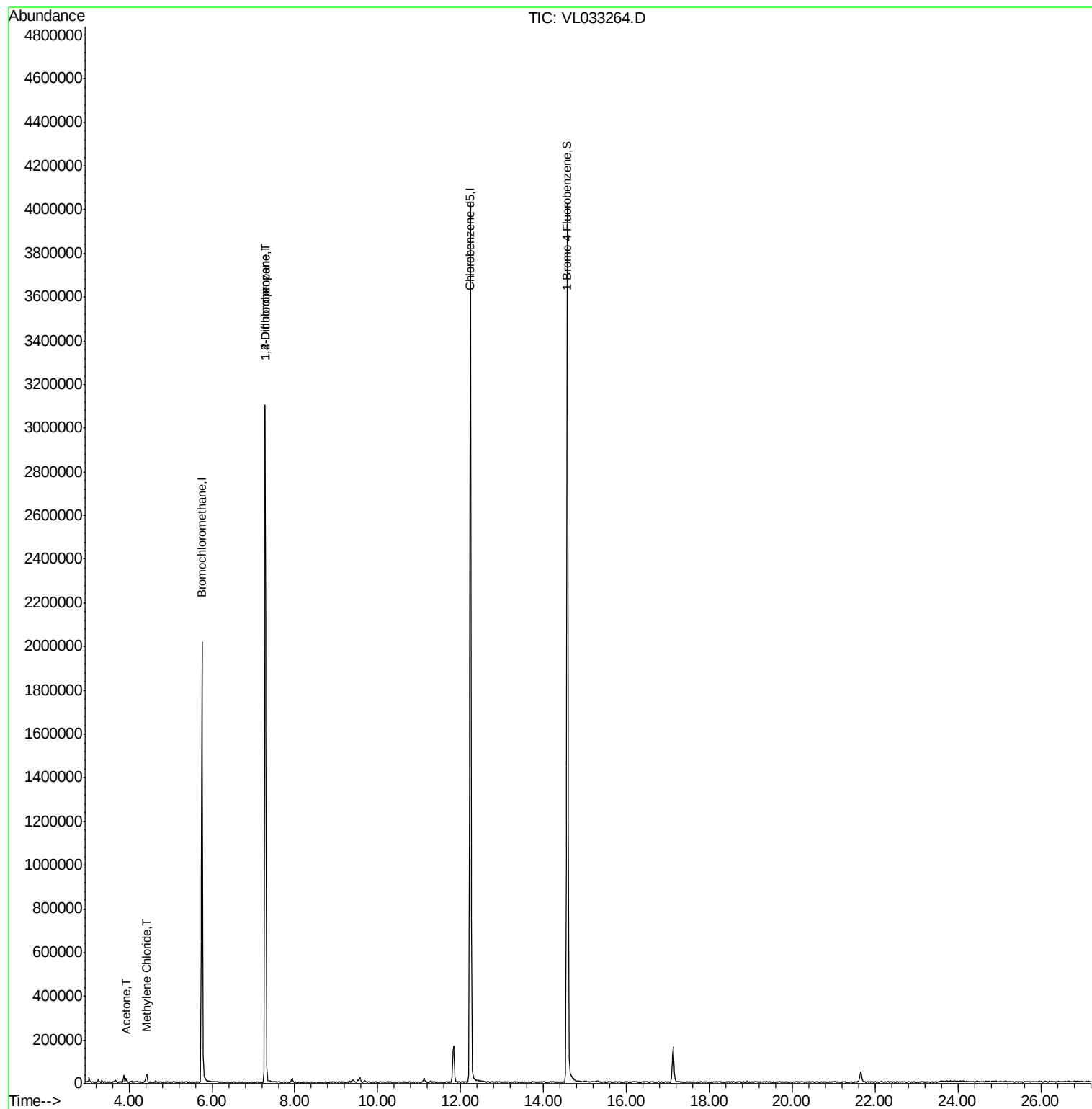
Target Compounds					Qvalue
15) Acetone	3.93	43	12407	0.108 ppbv #	75
20) Methylene Chloride	4.40	84	3450	0.073 ppbv #	93
39) 1,2-Dichloropropane	7.28	63	593418	8.016 ppbv #	22

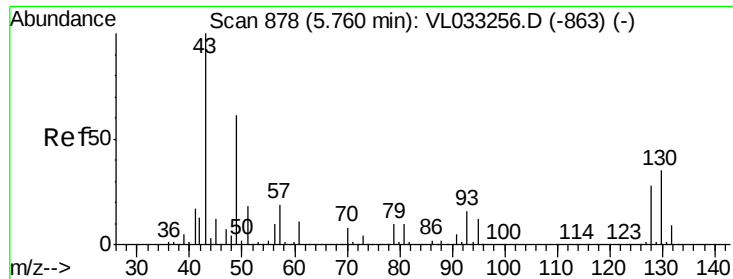
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL030819AIR.M
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QLast Update : Sat Mar 09 03:32:03 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.00 min

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Instrument :

MSVOA_L

ClientSampleId :

VL0308ABL01

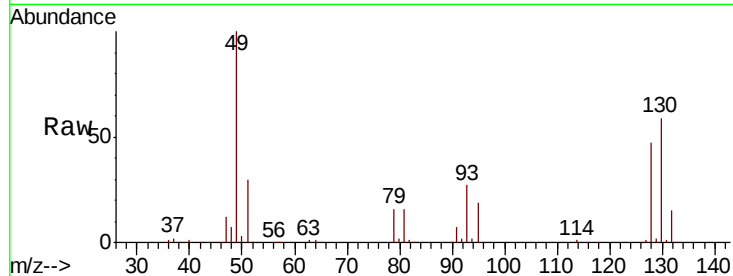
Tgt Ion: 49 Resp: 969194

Ion Ratio Lower Upper

49 100

128 45.7 22.5 67.5

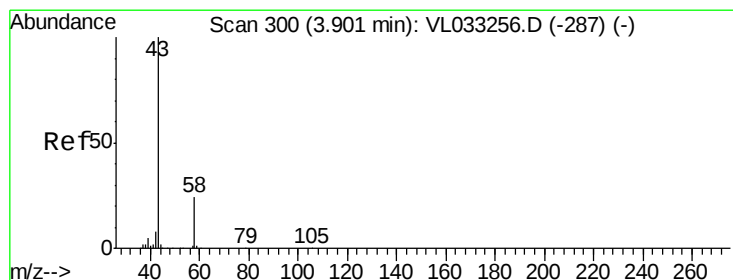
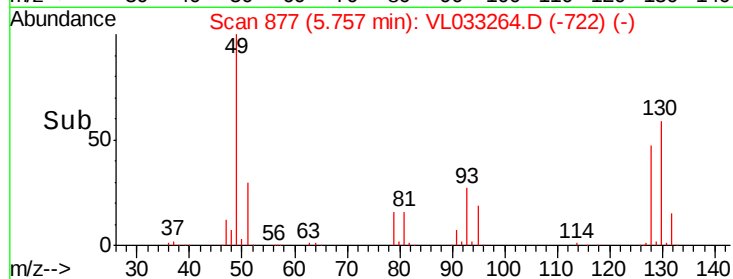
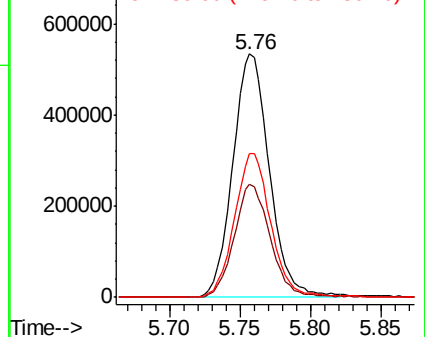
130 59.3 29.1 87.4



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: 0.108 ppbv

RT: 3.93 min Scan# 308

Delta R.T. 0.03 min

Lab File: VL033264.D

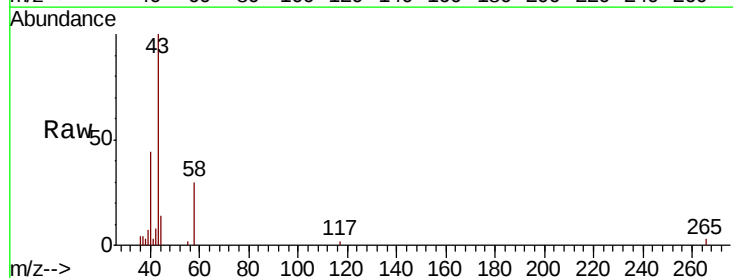
Acq: 8 Mar 2019 18:56

Tgt Ion: 43 Resp: 12407

Ion Ratio Lower Upper

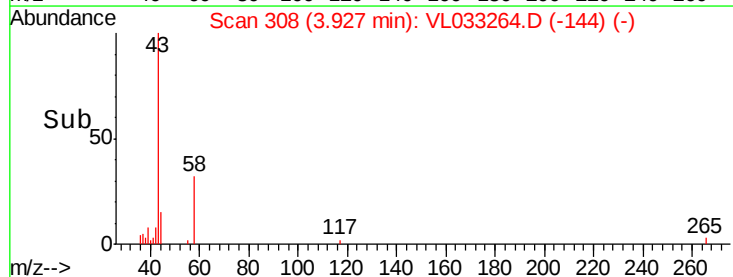
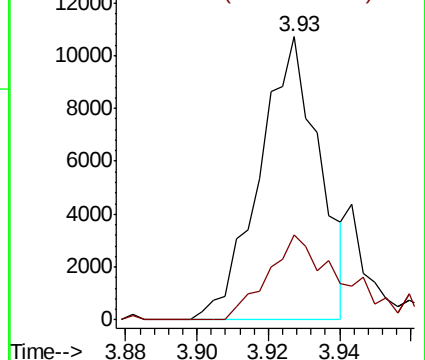
43 100

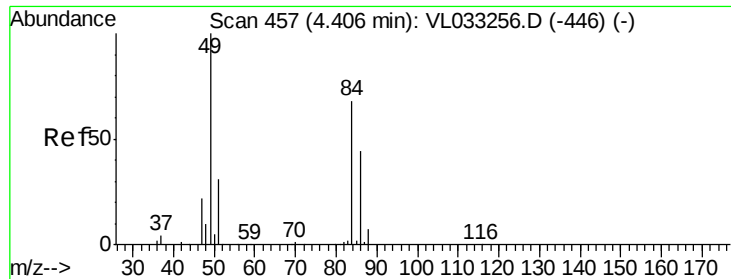
58 37.6 20.2 30.2#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#20

Methylene Chloride

Concen: 0.073 ppbv

RT: 4.40 min Scan# 456

Delta R.T. -0.00 min

Lab File: VL033264.D

Acq: 8 Mar 2019 18:56

Instrument :

MSVOA_L

ClientSampleId :

VL0308ABL01

Tgt Ion: 84 Resp: 3450

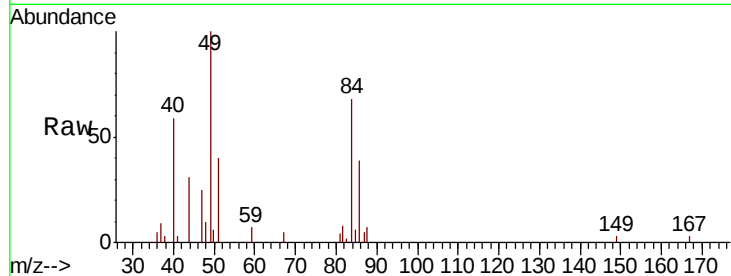
Ion Ratio Lower Upper

84 100

49 147.6 117.8 176.6

51 59.2 36.9 55.3#

86 53.2 51.7 77.5



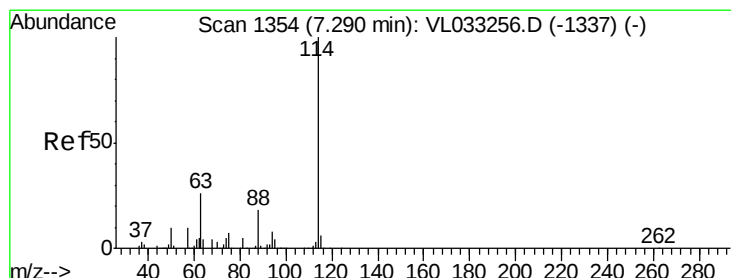
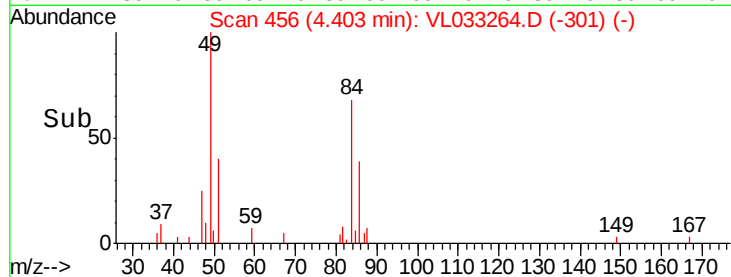
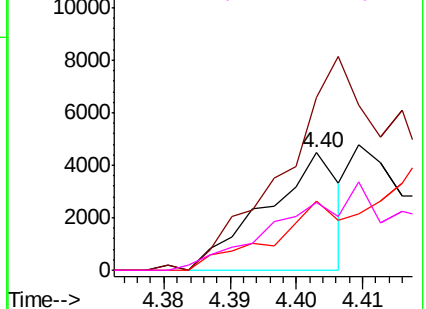
Abundance

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: 7.29 min Scan# 1353

Delta R.T. -0.00 min

Lab File: VL033264.D

Acq: 8 Mar 2019 18:56

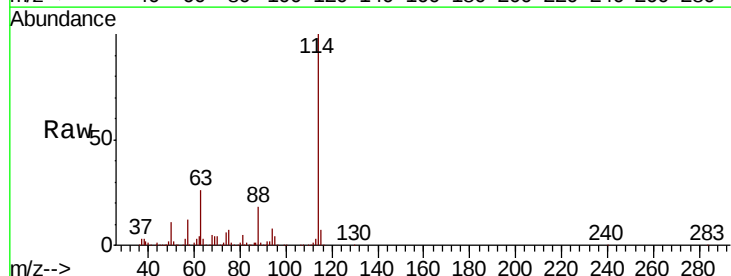
Tgt Ion: 114 Resp: 2190236

Ion Ratio Lower Upper

114 100

63 27.2 22.2 33.2

88 18.3 14.6 22.0

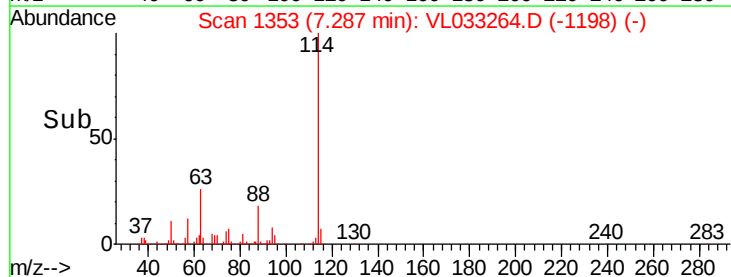
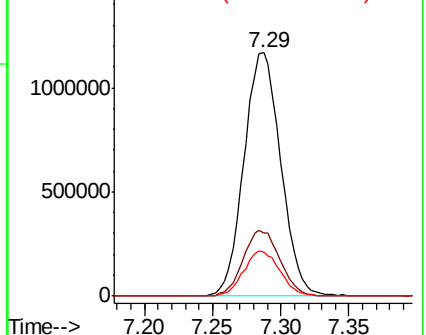


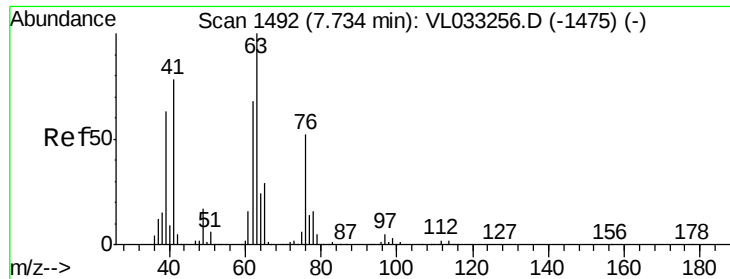
Abundance

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: 8.016 ppbv

RT: 7.28 min Scan# 1352

Delta R.T. -0.45 min

Lab File: VL033264.D

Acq: 8 Mar 2019 18:56

Instrument :

MSVOA_L

ClientSampleId :

VL0308ABL01

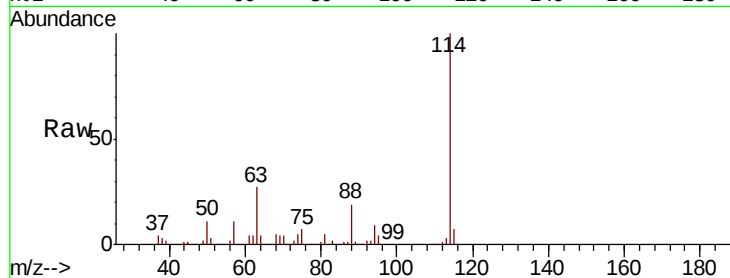
Tgt Ion: 63 Resp: 593418

Ion Ratio Lower Upper

63 100

41 0.0 62.6 94.0#

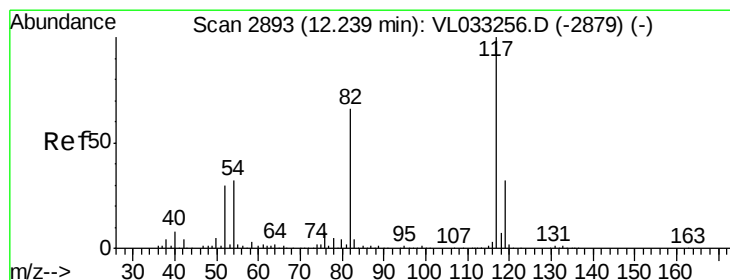
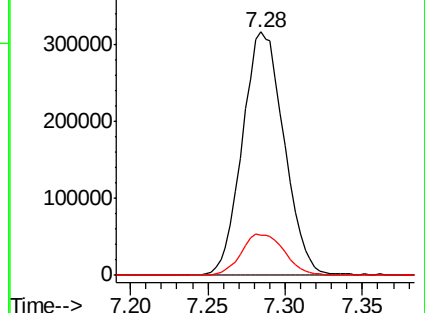
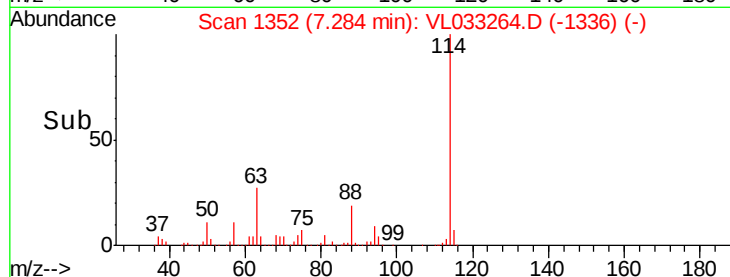
62 16.3 54.6 81.8#



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. -0.00 min

Lab File: VL033264.D

Acq: 8 Mar 2019 18:56

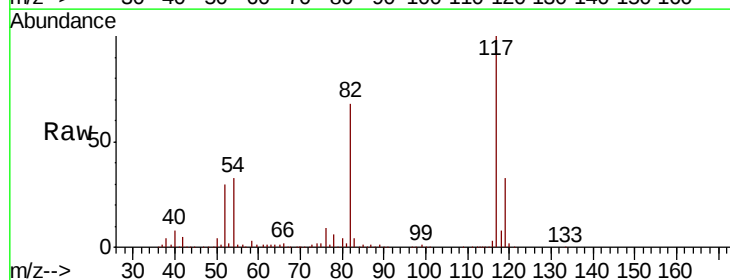
Tgt Ion: 117 Resp: 2469836

Ion Ratio Lower Upper

117 100

82 68.5 52.2 78.4

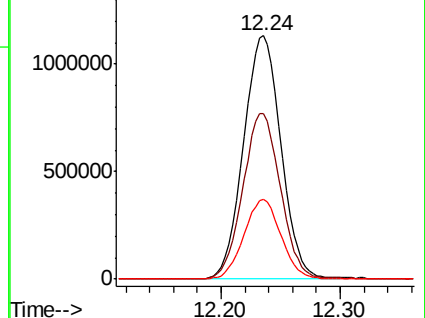
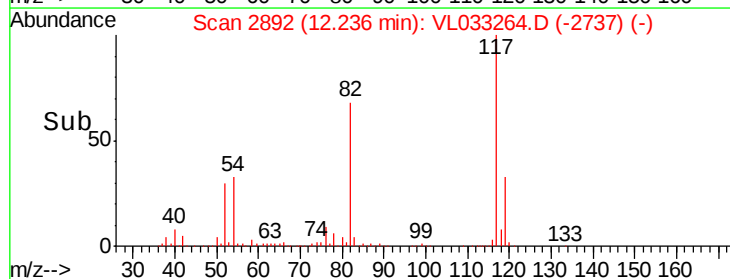
119 32.6 43.4 65.2#

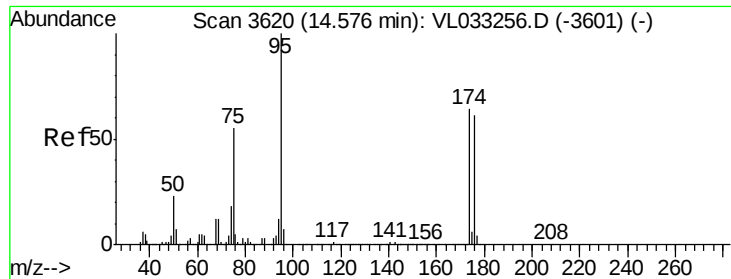


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.932 ppbv

RT: 14.57 min Scan# 3618

Delta R.T. -0.01 min

Lab File: VL033264.D

Acq: 8 Mar 2019 18:56

Instrument :

MSVOA_L

ClientSampleId :

VL0308ABL01

Tgt Ion: 95 Resp: 1968640

Ion Ratio Lower Upper

95 100

174 63.9 51.7 77.5

175 4.5 3.8 5.8

