

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101818\
Quantitation Report (Not Reviewed)

Data File : VL032661.D
Acq On : 18 Oct 2018 23:46
Operator : SY/AP
Sample : VL1018ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABL01

Quant Time: Oct 19 01:36:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Oct 19 01:25:37 2018
QLast Update : Fri Oct 19 01:25:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1550578	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3934777	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3839138	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2814692	9.85	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.50%

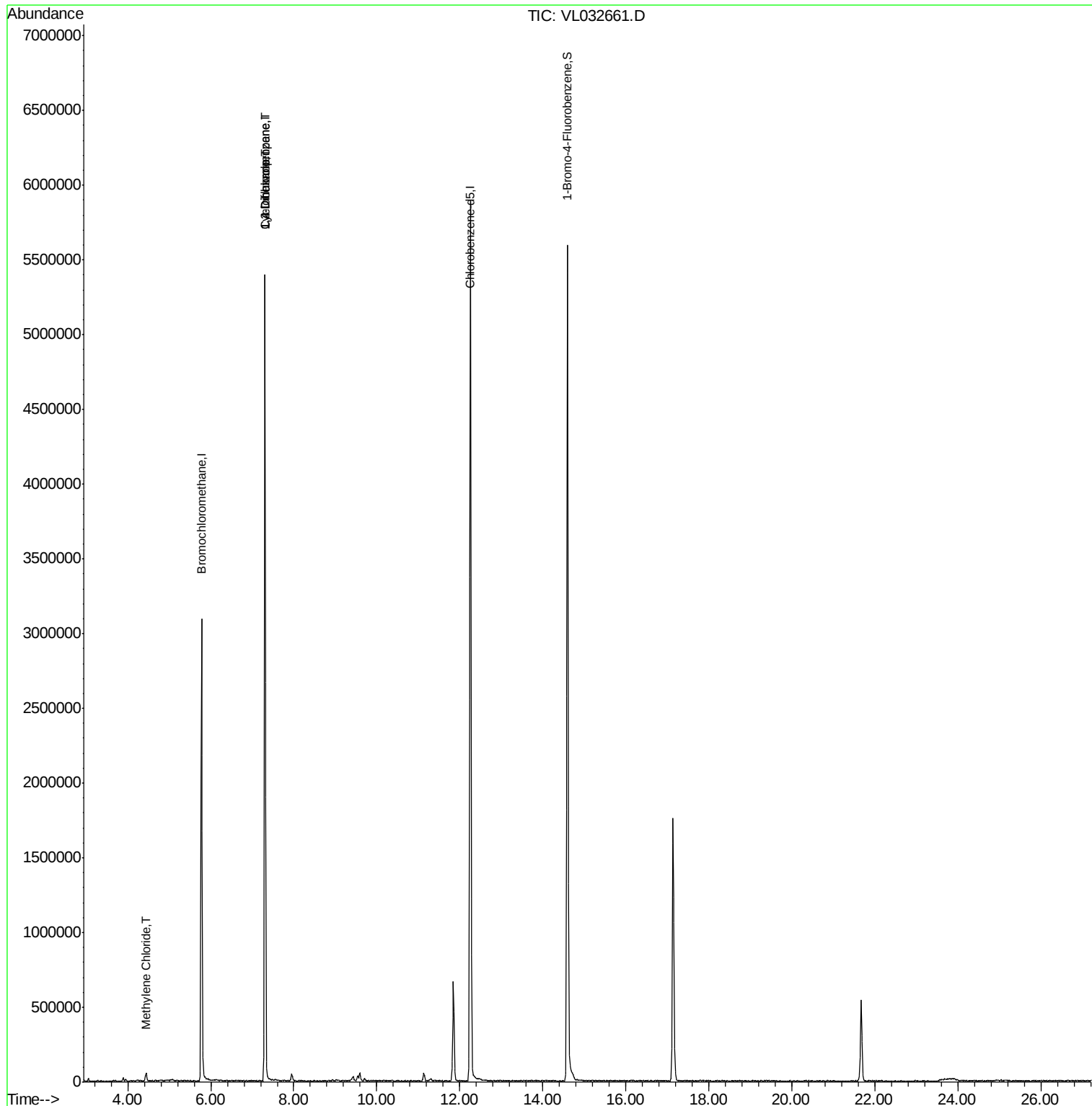
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.43	84	5042	0.069	ppbv #	75
30) Cyclohexane	7.29	84	5958	0.048	ppbv #	1
39) 1,2-Dichloropropane	7.30	63	972695	7.883	ppbv #	26

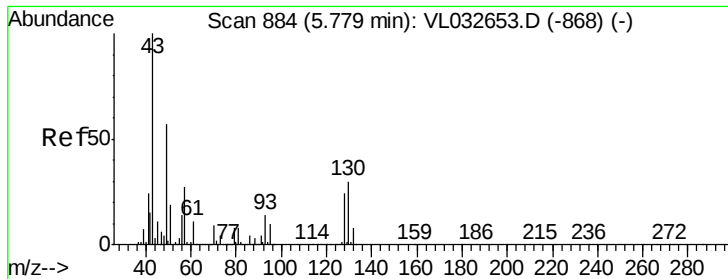
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 882

Delta R.T. -0.01 min

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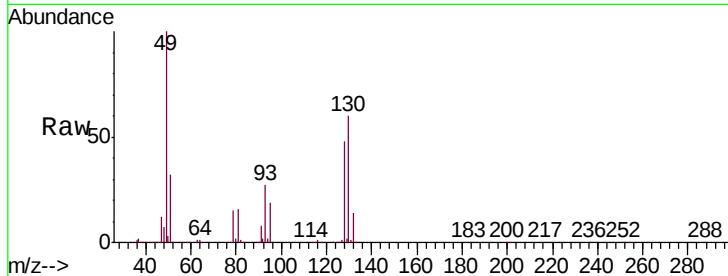
Tgt Ion: 49 Resp: 1550578

Ion Ratio Lower Upper

49 100

128 50.0 22.3 66.8

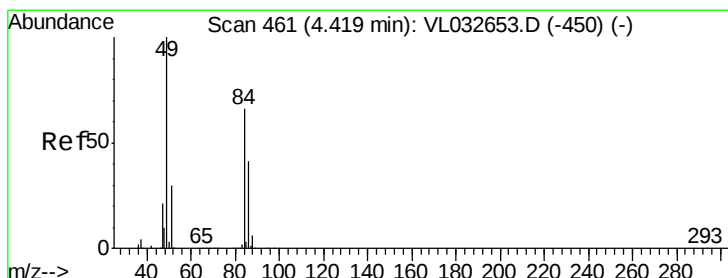
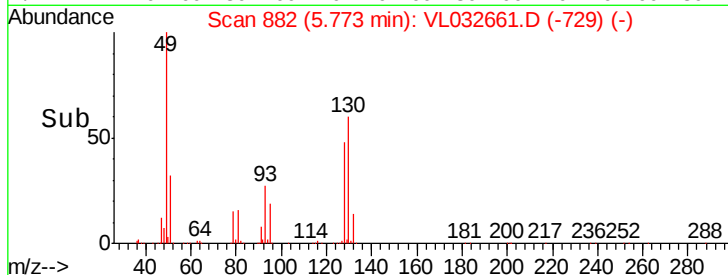
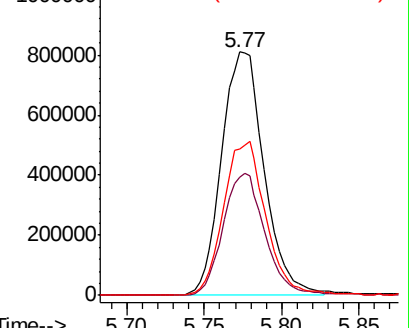
130 63.5 28.4 85.3



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



#20

Methylene Chloride

Concen: 0.069 ppbv

RT: 4.43 min Scan# 464

Delta R.T. 0.01 min

Lab File: VL032661.D

Acq: 18 Oct 2018 23:46

Tgt Ion: 84 Resp: 5042

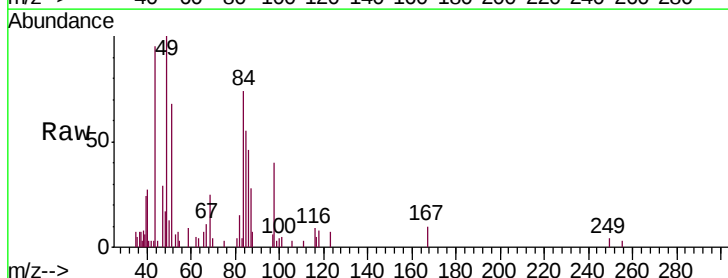
Ion Ratio Lower Upper

84 100

49 119.3 113.5 170.3

51 92.1 34.8 52.2#

86 61.9 47.9 71.9

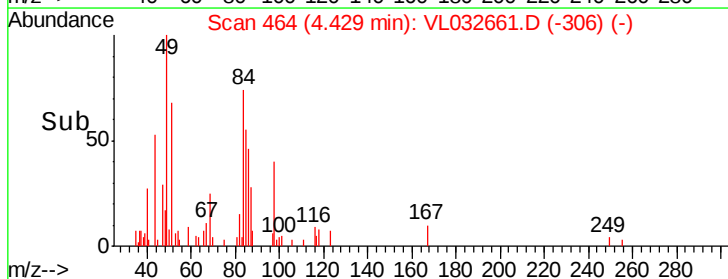
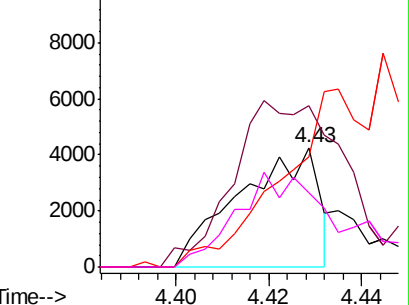


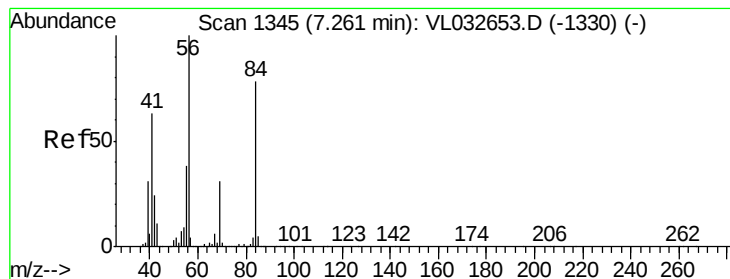
Abundance Ion 84.00 (83.70 to 84.70): VL0

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





#30

Cyclohexane

Concen: 0.048 ppbv

RT: 7.29 min Scan# 1355

Delta R.T. 0.03 min

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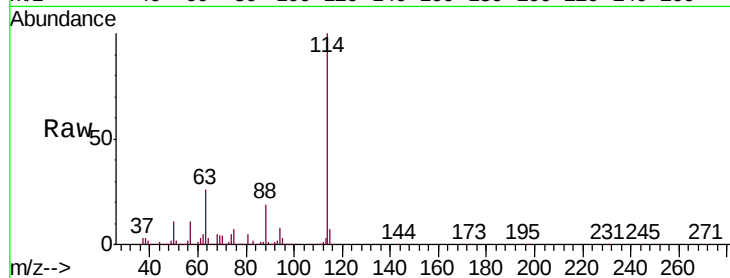
Tgt Ion: 84 Resp: 5958

Ion Ratio Lower Upper

84 100

56 0.0 108.3 162.5#

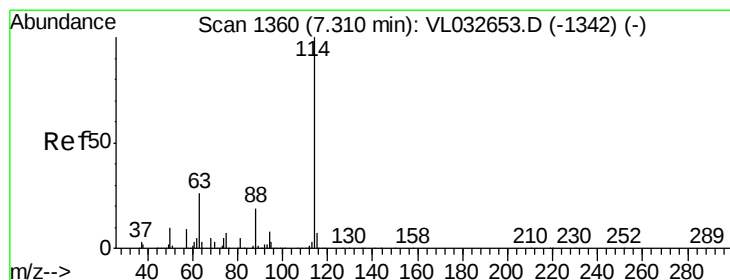
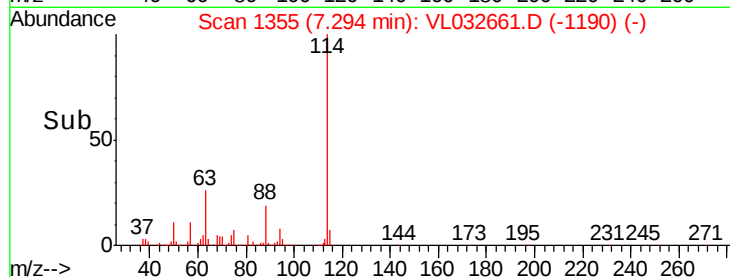
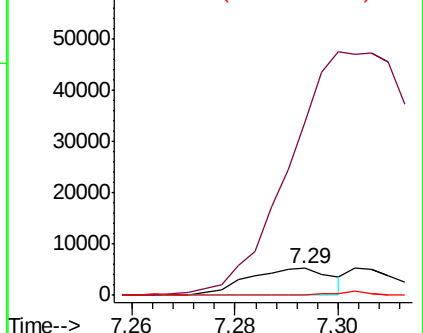
41 1.8 64.8 97.2#



Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.30 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VL032661.D

Acq: 18 Oct 2018 23:46

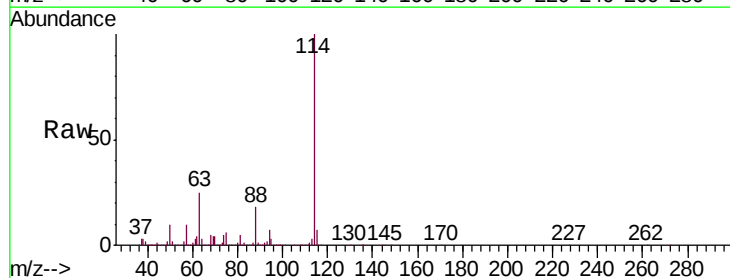
Tgt Ion: 114 Resp: 3934777

Ion Ratio Lower Upper

114 100

63 24.9 21.7 32.5

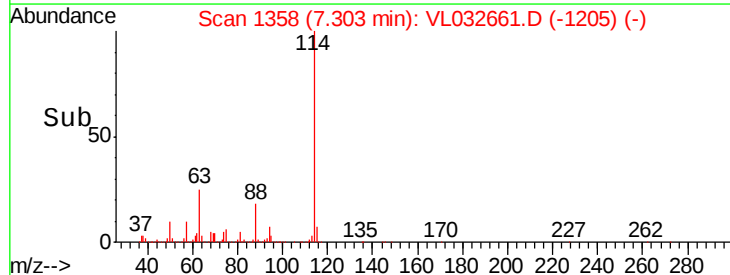
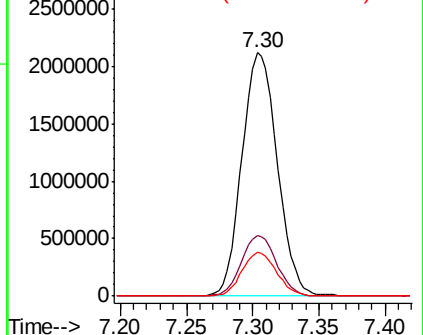
88 17.7 14.9 22.3

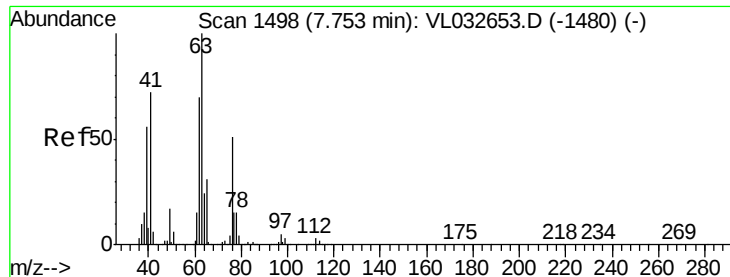


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





#39

1,2-Dichloropropane

Concen: 7.883 ppbv

RT: 7.30 min Scan# 1358

Delta R.T. -0.45 min

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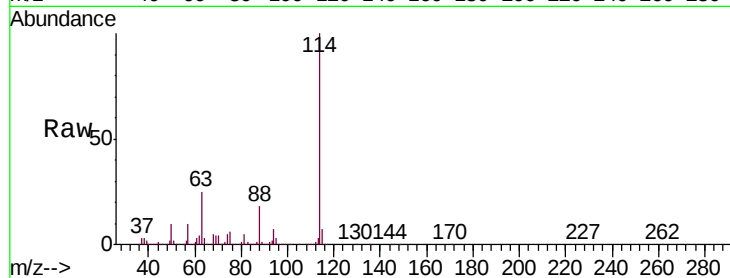
Tgt Ion: 63 Resp: 972695

Ion Ratio Lower Upper

63 100

41 0.1 56.2 84.4#

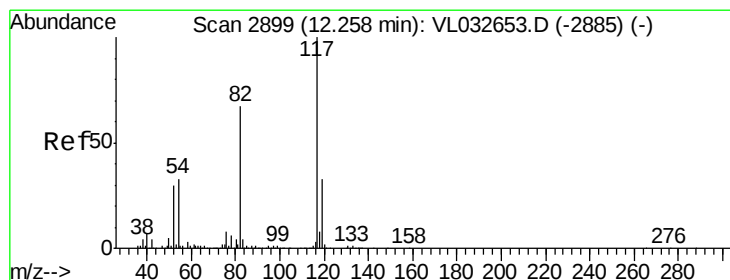
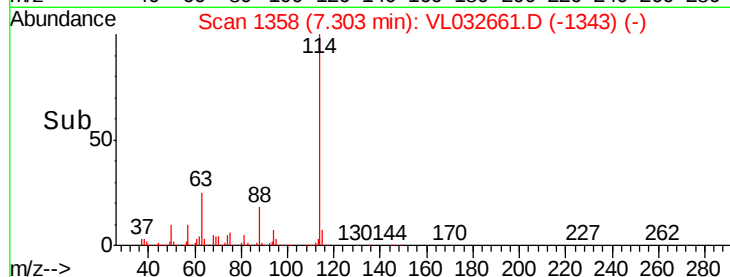
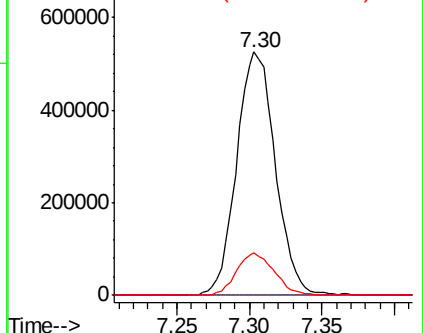
62 17.6 54.4 81.6#



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: 12.25 min Scan# 2898

Delta R.T. -0.00 min

Lab File: VL032661.D

Acq: 18 Oct 2018 23:46

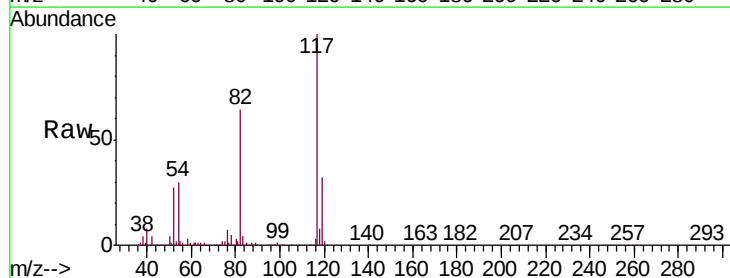
Tgt Ion: 117 Resp: 3839138

Ion Ratio Lower Upper

117 100

82 64.6 52.7 79.1

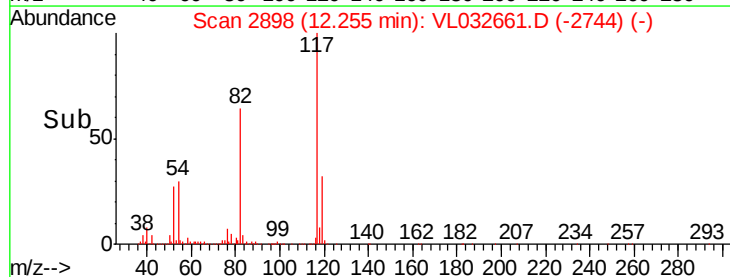
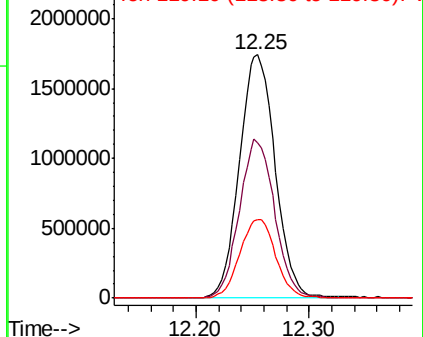
119 32.6 26.7 40.1

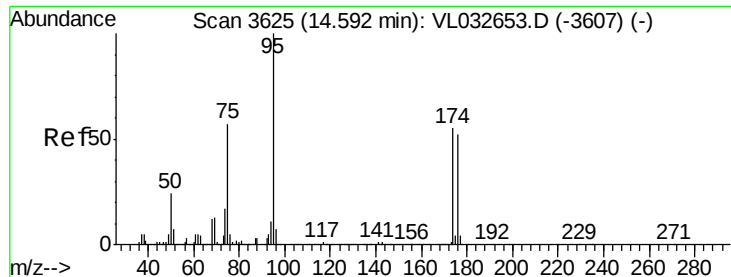


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.847 ppbv

RT: 14.59 min Scan# 3625

Delta R.T. -0.00 min

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Acq: 18 Oct 2018 23:46

Instrument :

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ClientSampleId :

VL1018ABL01

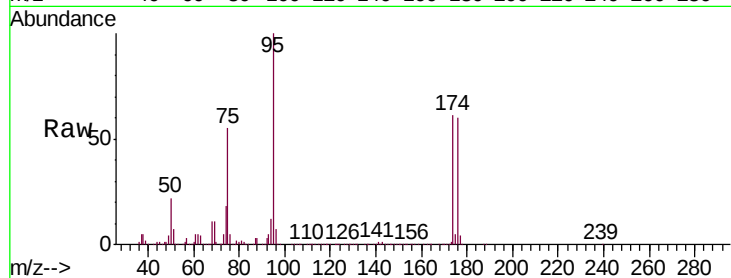
Tgt Ion: 95 Resp: 2814692

Ion Ratio Lower Upper

95 100

174 64.0 46.0 69.0

175 4.7 3.4 5.0



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

