

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052319\
Quantitation Report (Not Reviewed)

Data File : VL033783.D
Acq On : 23 May 2019 21:24
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: May 24 04:28:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	1020884	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2512787	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2452761	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1914675	9.63	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.30%

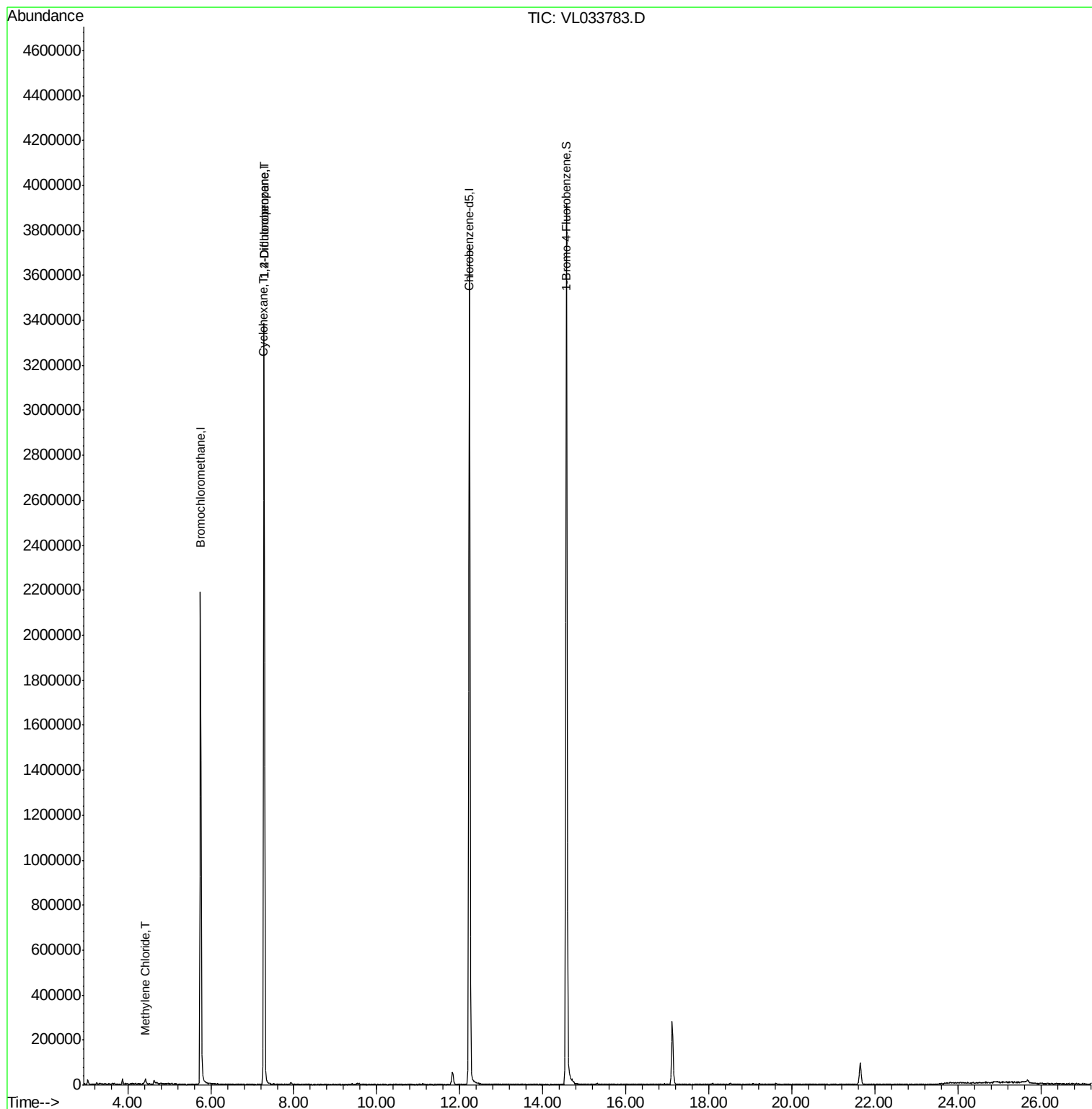
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.41	84	1413	0.026	ppbv #	58
30) Cyclohexane	7.27	84	3259	0.036	ppbv #	1
39) 1,2-Dichloropropane	7.28	63	600620	7.048	ppbv #	22

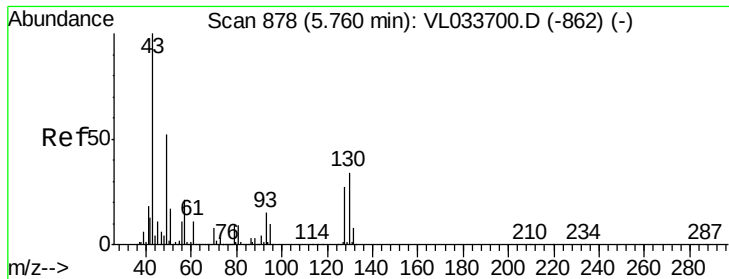
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VL033783.D
Acq On : 23 May 2019 21:24
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: May 24 04:28:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.75 min Scan# 876

Delta R.T. -0.01 min

Lab File: VL033783.D

Acq: 23 May 2019 21:24

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

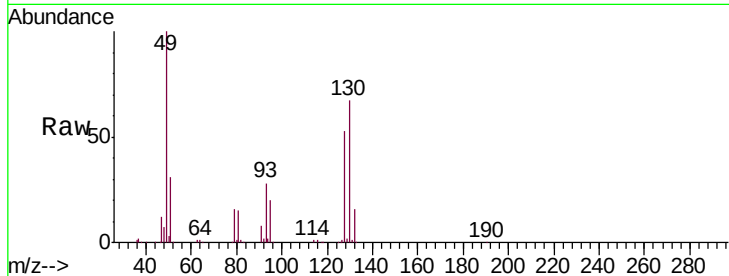
Tgt Ion: 49 Resp: 1020884

Ion Ratio Lower Upper

49 100

128 52.1 25.2 75.6

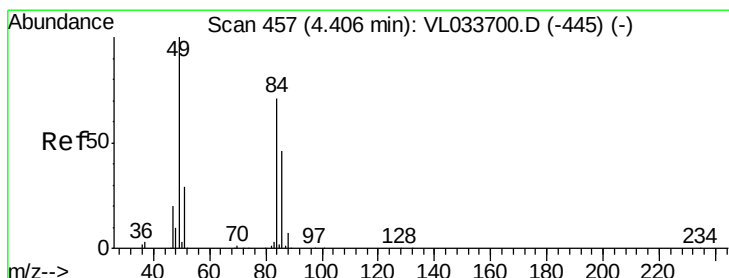
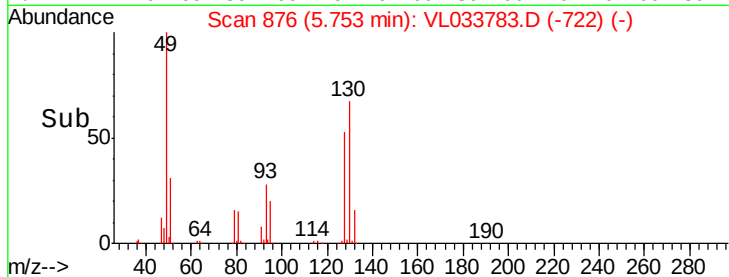
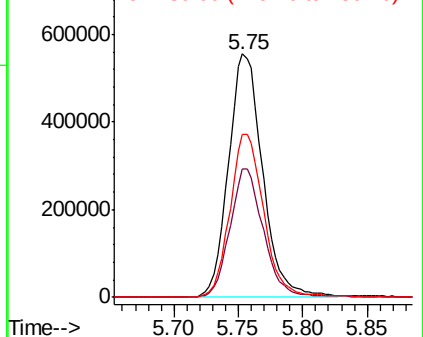
130 67.4 32.5 97.5



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: 0.026 ppbv

RT: 4.41 min Scan# 457

Delta R.T. 0.00 min

Lab File: VL033783.D

Acq: 23 May 2019 21:24

Tgt Ion: 84 Resp: 1413

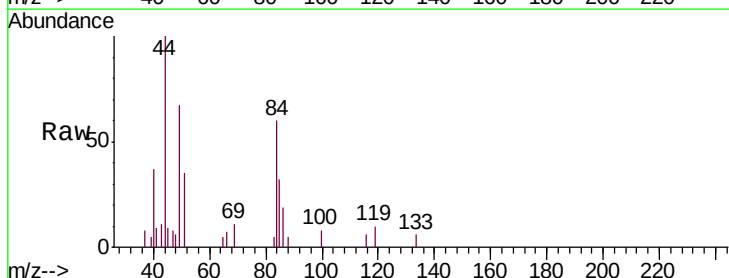
Ion Ratio Lower Upper

84 100

49 100.5 112.8 169.2#

51 34.7 33.4 50.0

86 0.0 51.7 77.5#

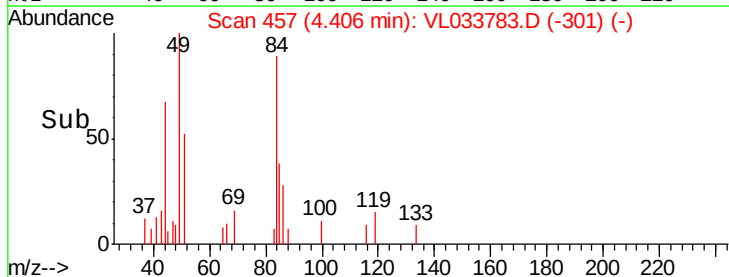
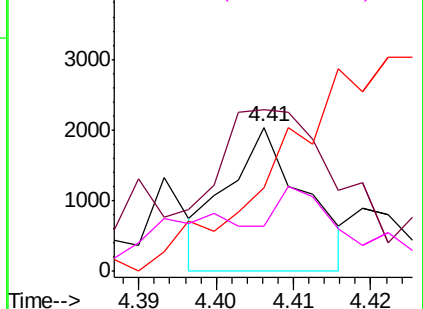


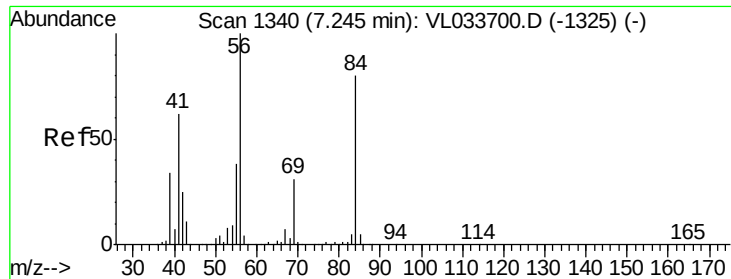
Abundance Ion 84.00 (83.70 to 84.70): VL0

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

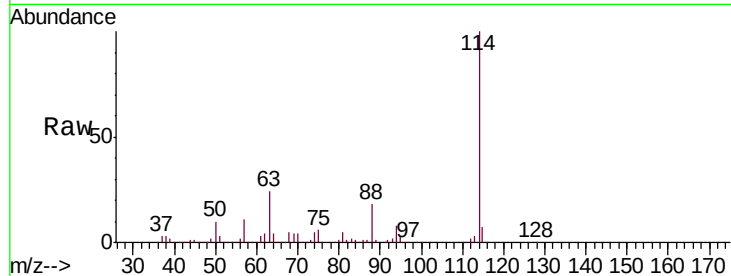




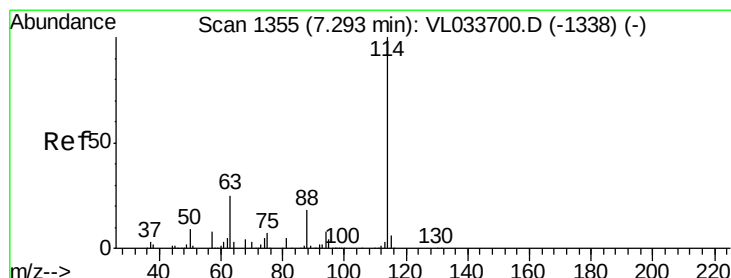
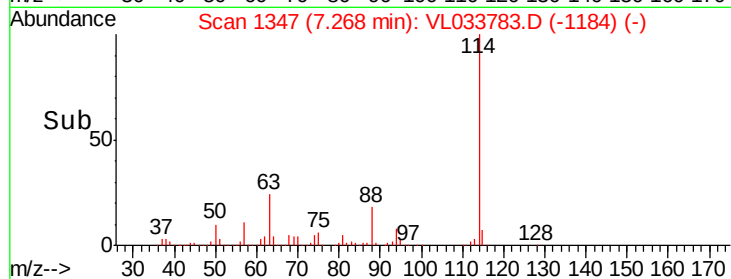
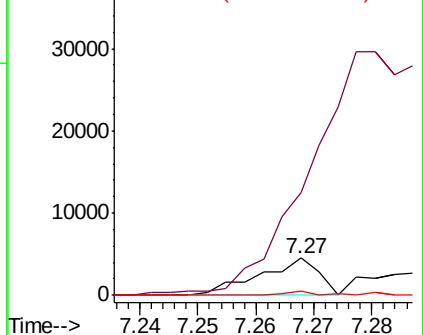
#30
Cyclohexane
Concen: 0.036 ppbv
RT: 7.27 min Scan# 1347
Delta R.T. 0.02 min
Lab File: VL033783.D
Acq: 23 May 2019 21:24

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 3259
Ion Ratio Lower Upper
84 100
56 0.0 107.7 161.5#
41 8.0 66.0 99.0#

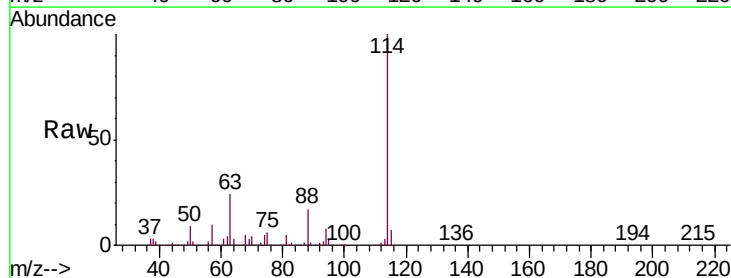


Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0

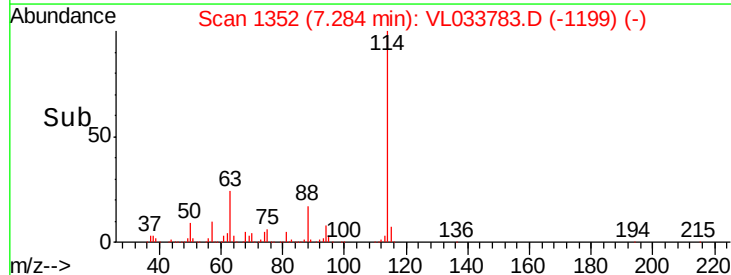
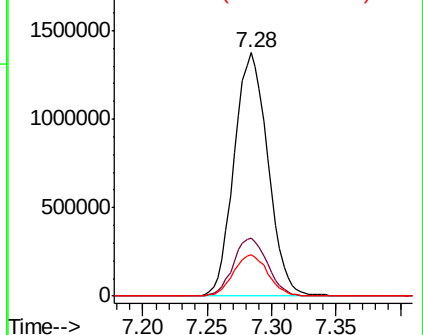


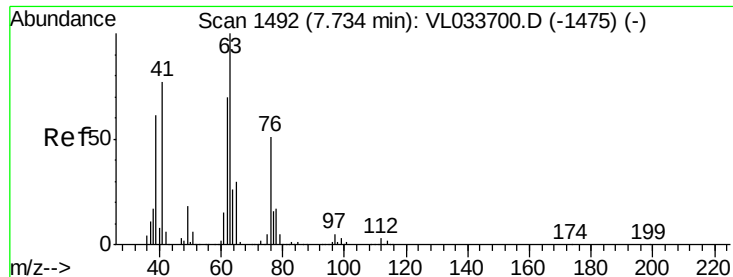
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.01 min
Lab File: VL033783.D
Acq: 23 May 2019 21:24

Tgt Ion: 114 Resp: 2512787
Ion Ratio Lower Upper
114 100
63 24.0 20.9 31.3
88 17.3 14.3 21.5



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





#39

1,2-Dichloropropane

Concen: 7.048 ppbv

RT: 7.28 min Scan# 1352

Delta R.T. -0.45 min

Lab File: VL033783.D

Acq: 23 May 2019 21:24

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

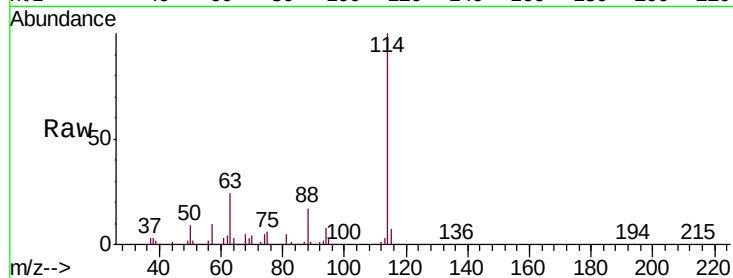
Tgt Ion: 63 Resp: 600620

Ion Ratio Lower Upper

63 100

41 0.0 61.5 92.3#

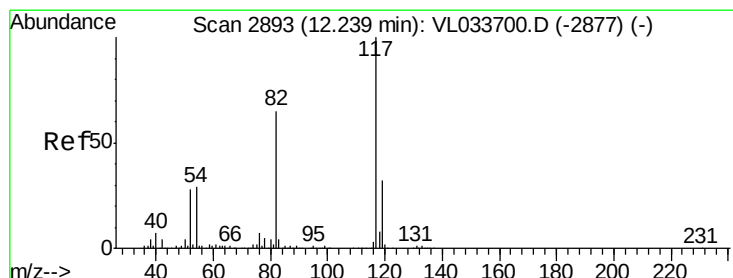
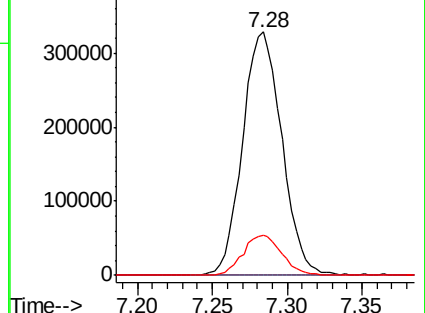
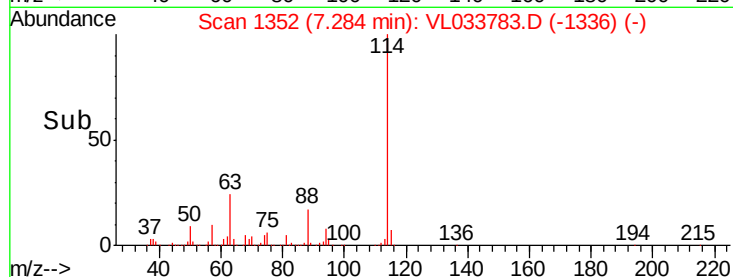
62 16.5 56.2 84.4#



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: 12.23 min Scan# 2890

Delta R.T. -0.01 min

Lab File: VL033783.D

Acq: 23 May 2019 21:24

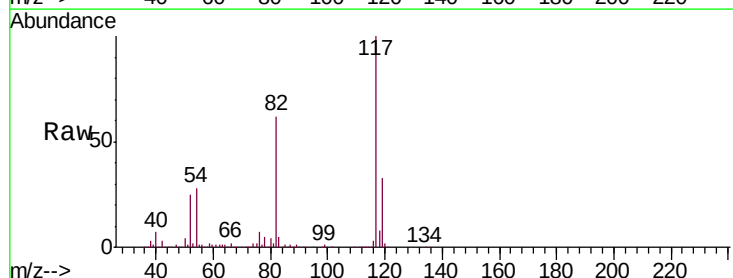
Tgt Ion: 117 Resp: 2452761

Ion Ratio Lower Upper

117 100

82 63.3 49.4 74.0

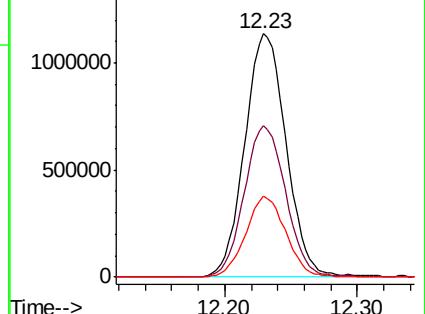
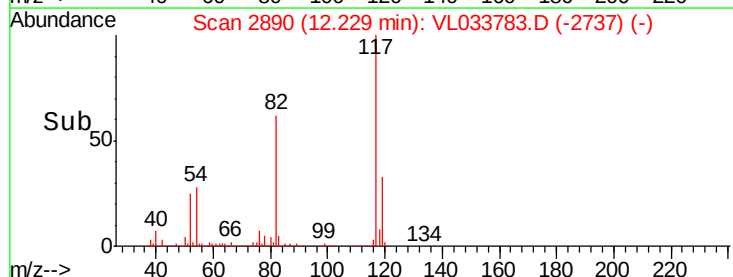
119 32.6 24.9 37.3

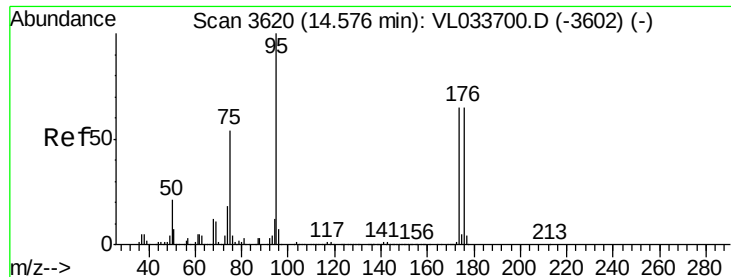


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.629 ppbv

RT: 14.57 min Scan# 3618

Delta R.T. -0.01 min

Lab File: VL033783.D

Acq: 23 May 2019 21:24

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tgt Ion: 95 Resp: 1914675

Ion Ratio Lower Upper

95 100

174 69.9 53.9 80.9

175 5.0 3.8 5.8

