

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121020\
 Data File : VL036155.D
 Acq On : 11 Dec 2020 8:37
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Dec 11 10:53:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Dec 07 16:56:49 2020
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1311641	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.16	114	2525227	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.07	117	2263842	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1994673	11.10	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	111.00%

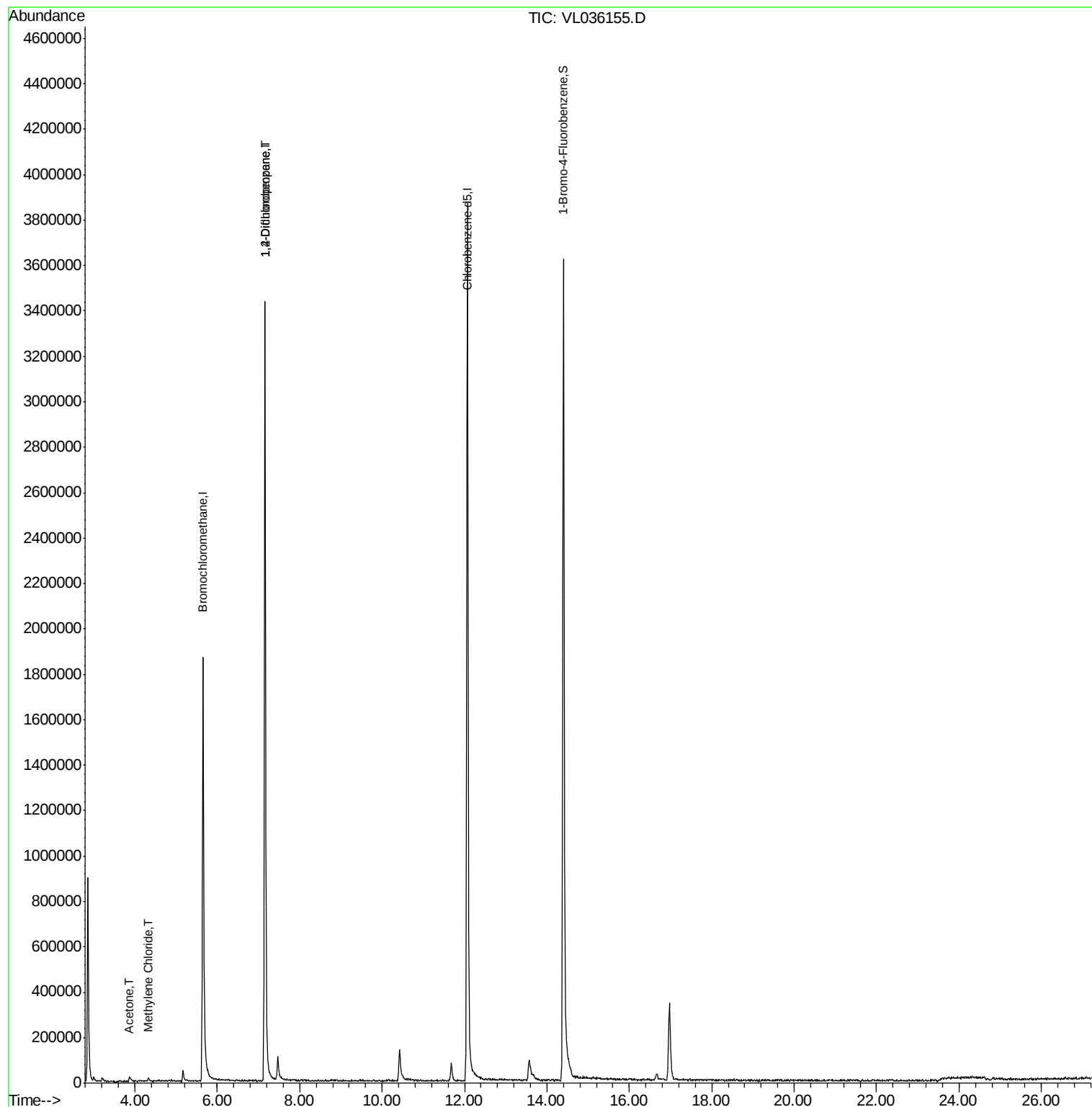
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.85	43	6601	0.042	ppbv #	49
20) Methylene Chloride	4.33	84	2296	0.036	ppbv #	29
39) 1,2-Dichloropropane	7.16	63	818338	9.683	ppbv #	24

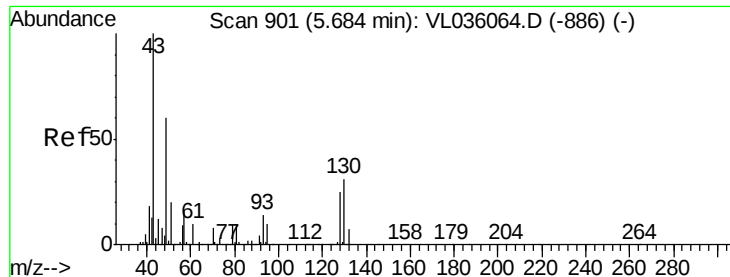
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.04 min

Lab File: VL036155.D

Acq: 11 Dec 2020 8:37

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

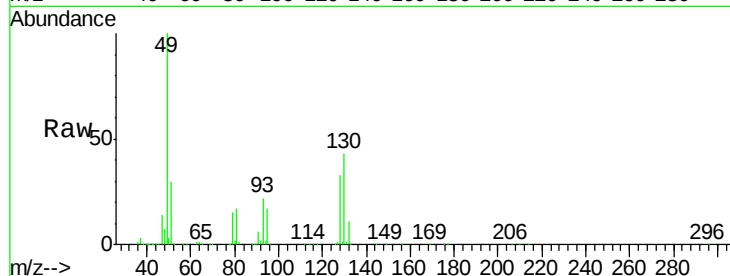
Tgt Ion: 49 Resp: 1311641

Ion Ratio Lower Upper

49 100

128 34.5 21.1 63.1

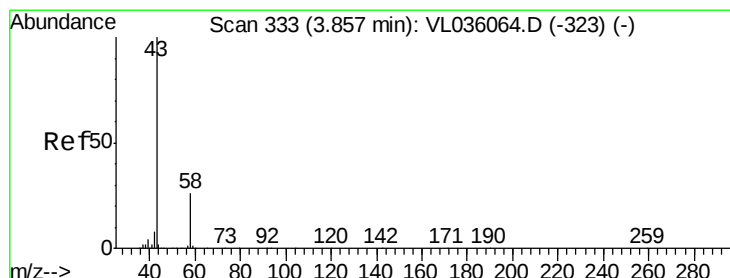
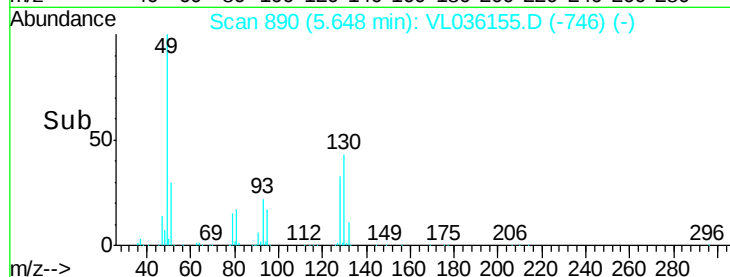
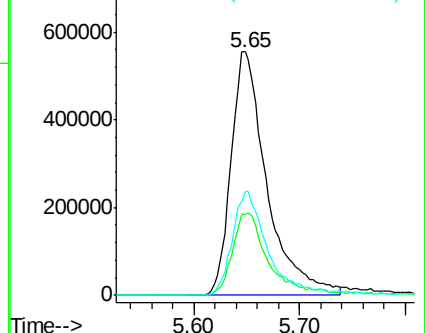
130 43.2 27.1 81.3



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: 0.042 ppbv

RT: 3.85 min Scan# 332

Delta R.T. -0.00 min

Lab File: VL036155.D

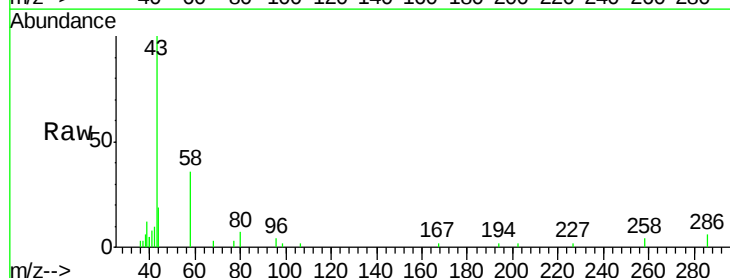
Acq: 11 Dec 2020 8:37

Tgt Ion: 43 Resp: 6601

Ion Ratio Lower Upper

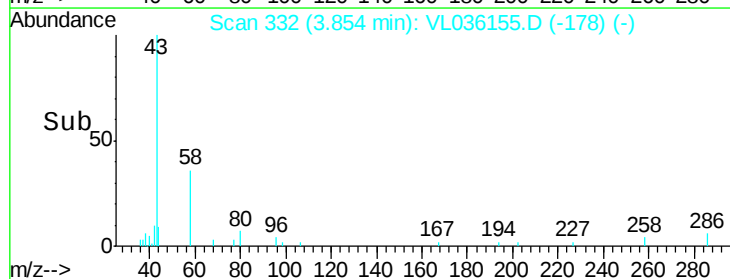
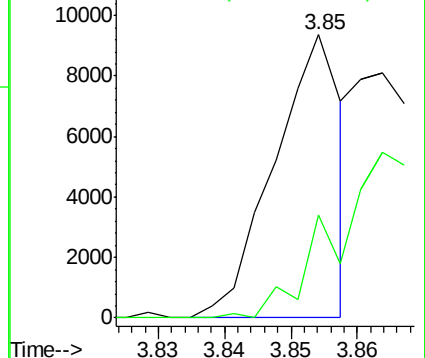
43 100

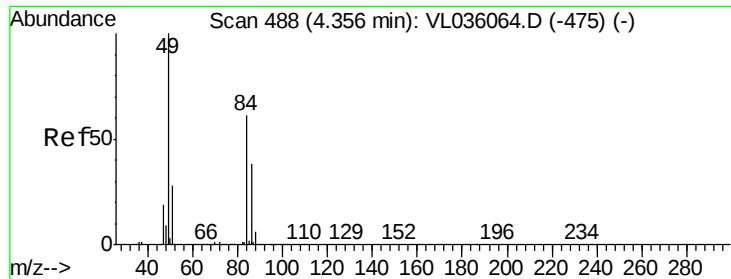
58 0.0 20.9 31.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

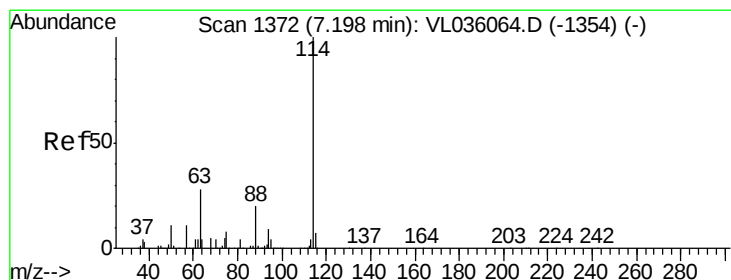
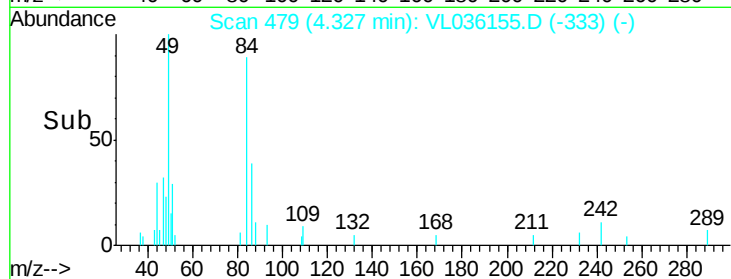
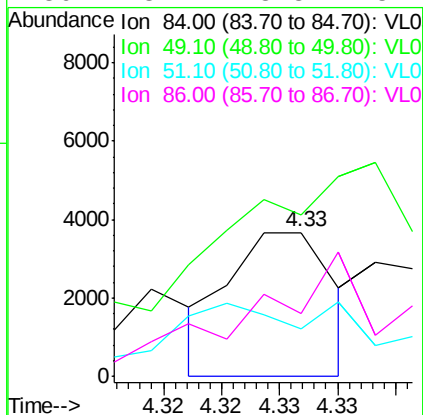
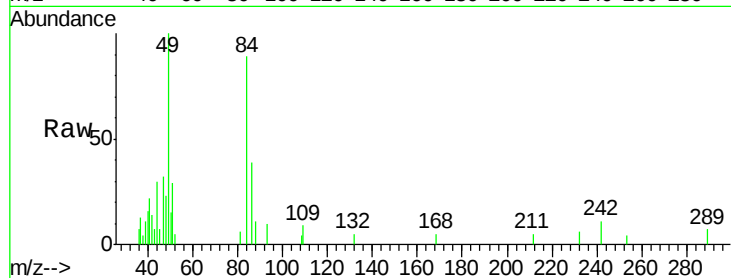




#20
Methylene Chloride
Concen: 0.036 ppbv
RT: 4.33 min Scan# 479
Delta R.T. -0.03 min
Lab File: VL036155.D
Acq: 11 Dec 2020 8:37

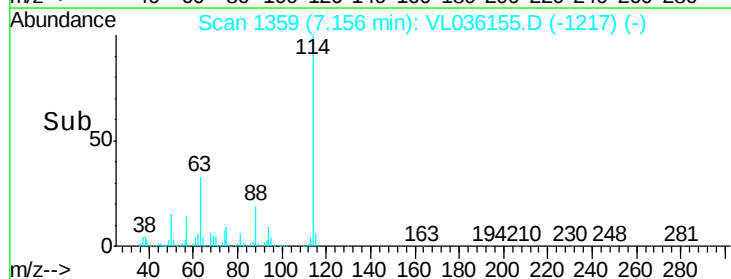
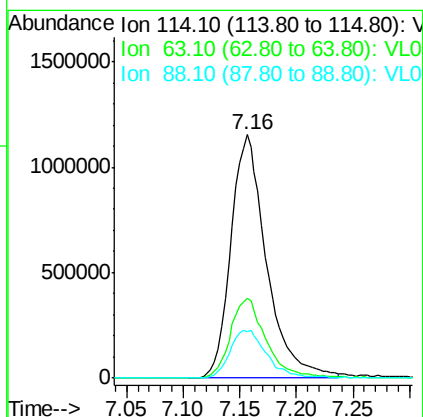
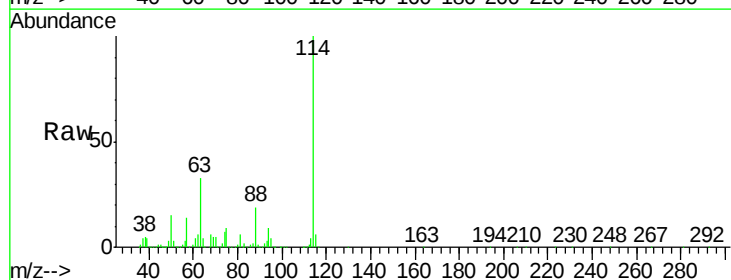
Instrument :
MSVOA_X
ClientSampled :
VIBLK

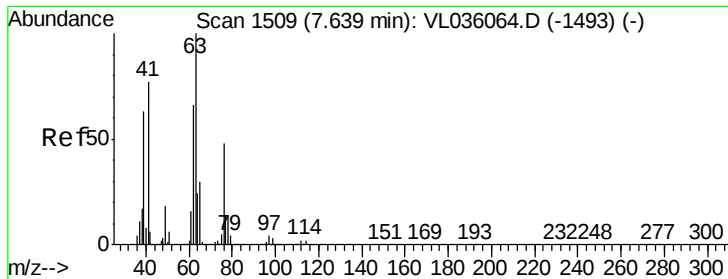
Tgt Ion:	84	Resp:	2296
Ion	Ratio	Lower	Upper
84	100		
49	67.1	133.0	199.4#
51	0.0	38.9	58.3#
86	13.7	48.8	73.2#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.04 min
Lab File: VL036155.D
Acq: 11 Dec 2020 8:37

Tgt Ion:	114	Resp:	2525227
Ion	Ratio	Lower	Upper
114	100		
63	33.3	23.6	35.4
88	20.9	15.8	23.6





#39

1,2-Dichloropropane

Concen: 9.683 ppbv

RT: 7.16 min Scan# 1359

Delta R.T. -0.48 min

Lab File: VL036155.D

Acq: 11 Dec 2020 8:37

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

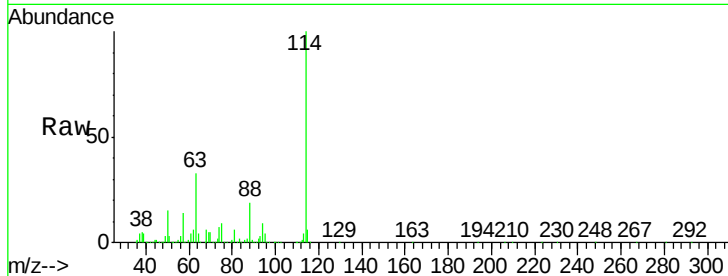
Tgt Ion: 63 Resp: 818338

Ion Ratio Lower Upper

63 100

41 0.0 61.9 92.9#

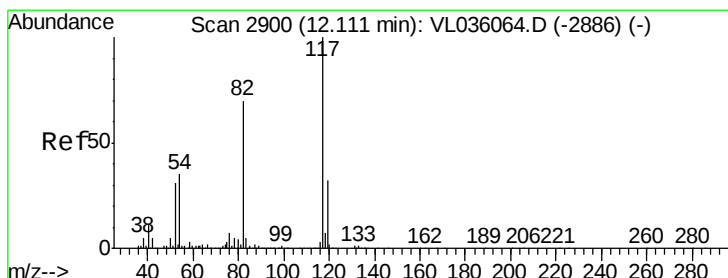
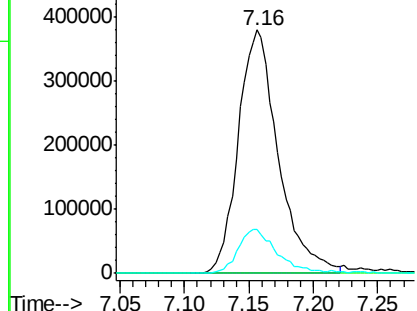
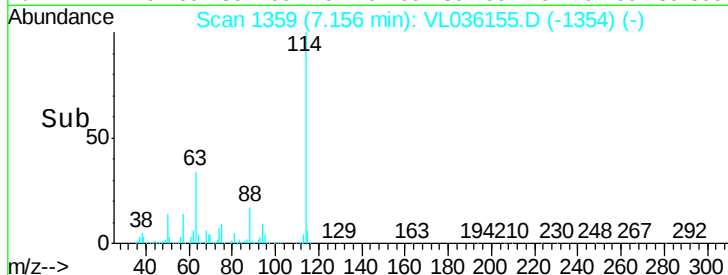
62 18.0 52.5 78.7#



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: 12.07 min Scan# 2887

Delta R.T. -0.04 min

Lab File: VL036155.D

Acq: 11 Dec 2020 8:37

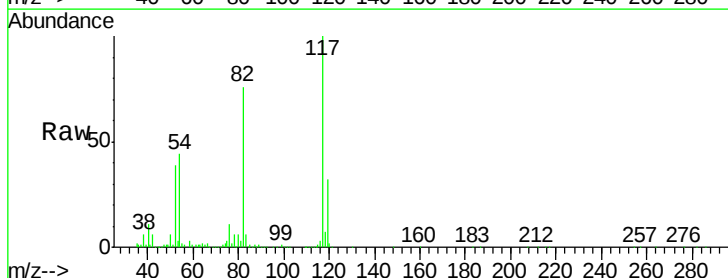
Tgt Ion: 117 Resp: 2263842

Ion Ratio Lower Upper

117 100

82 80.3 0.0 0.0#

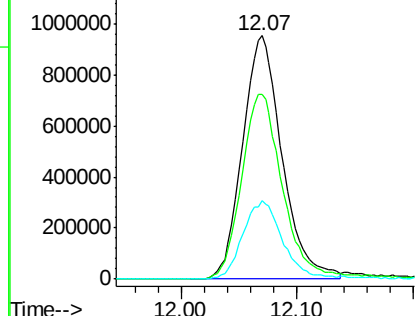
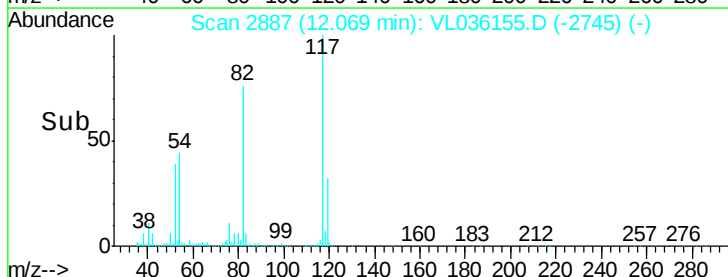
119 32.9 0.0 0.0#

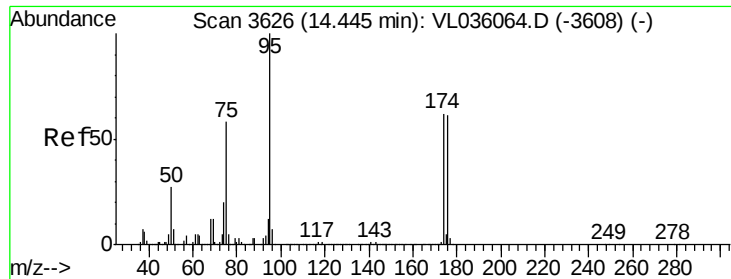


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 11.096 ppbv

RT: 14.40 min Scan# 3612

Delta R.T. -0.05 min

Lab File: VL036155.D

Acq: 11 Dec 2020 8:37

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

Tgt Ion: 95 Resp: 1994673

Ion Ratio Lower Upper

95 100

174 54.3 50.7 76.1

175 3.7 4.0 6.0#

