

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120820\
 Data File : VL036123.D
 Acq On : 9 Dec 2020 9:20
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Dec 10 00:28:57 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	5.67	49	1303112	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.19	114	2622712	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.10	117	2343465	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2022868	10.87	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.70%

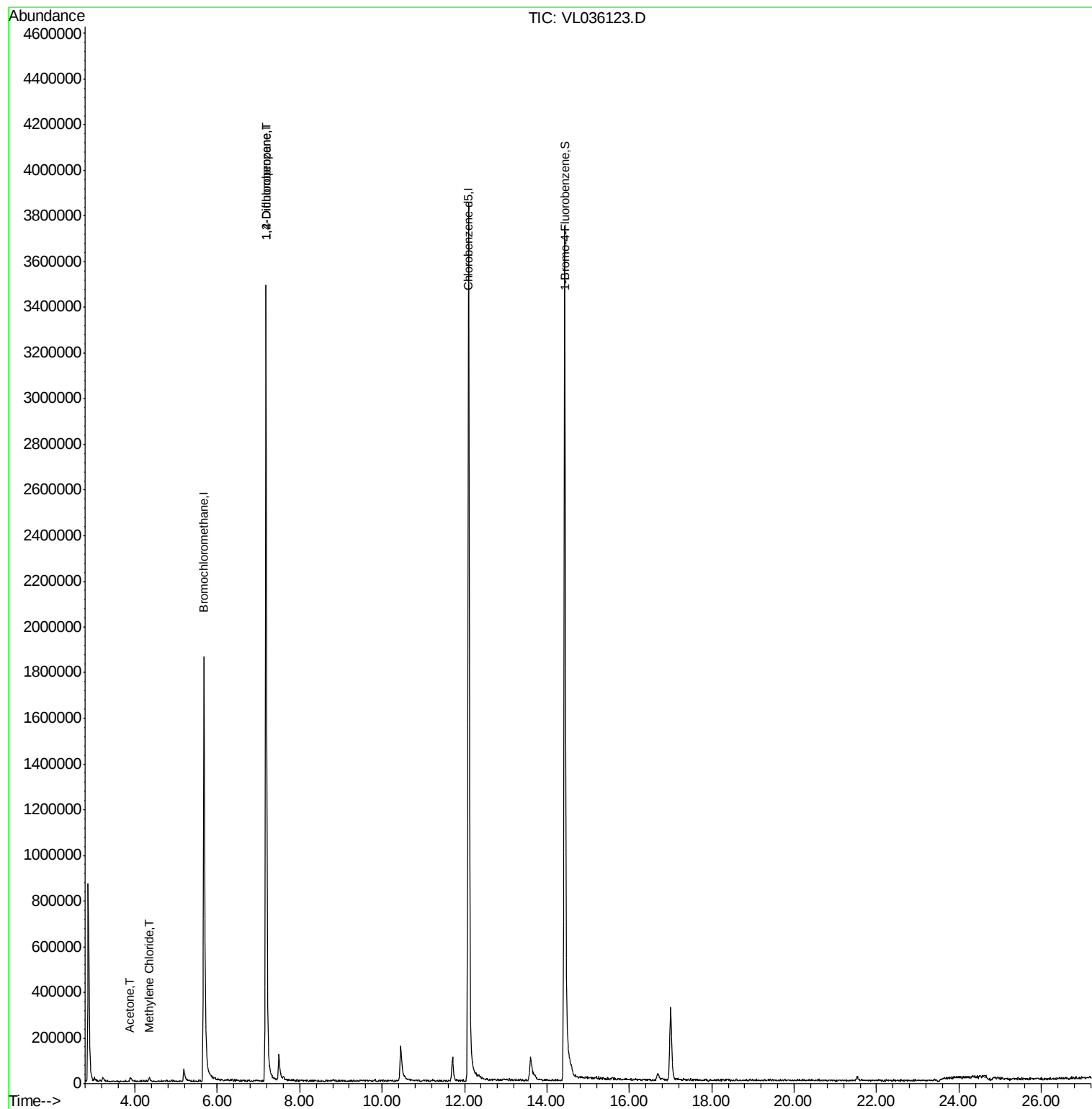
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.88	43	7570	0.048	ppbv #	49
20) Methylene Chloride	4.35	84	3524	0.055	ppbv #	43
39) 1,2-Dichloropropane	7.18	63	843198	9.606	ppbv #	24

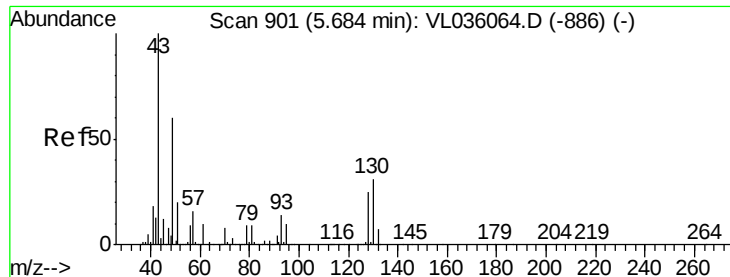
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.01 min

Lab File: VL036123.D

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Instrument :

MSVOA_L

ClientSampleId :

VIBLK

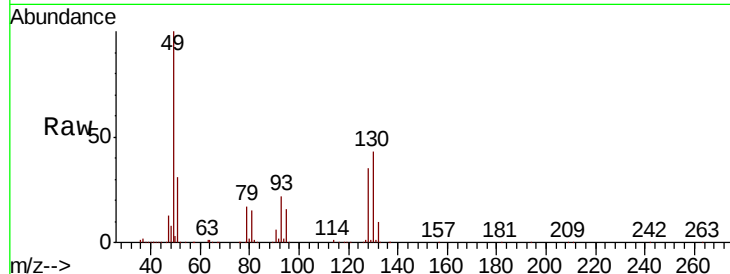
Tot Ion: 49 Resp: 1303112

Ion Ratio Lower Upper

49 100

128 36.5 21.1 63.1

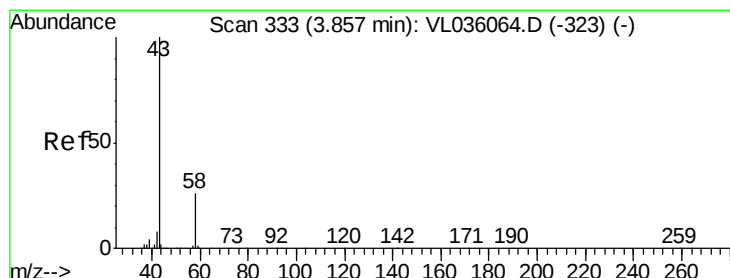
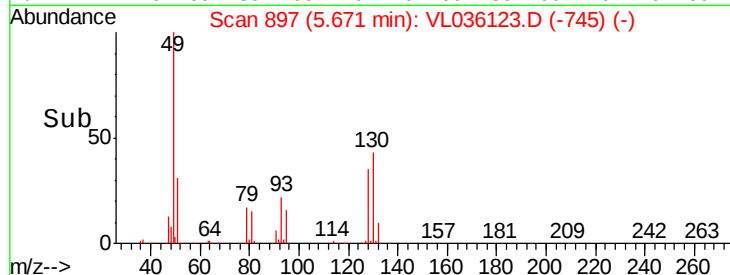
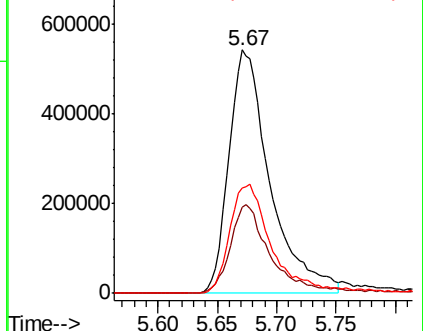
130 47.0 27.1 81.3



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: 0.048 ppbv

RT: 3.88 min Scan# 339

Delta R.T. 0.02 min

Lab File: VL036123.D

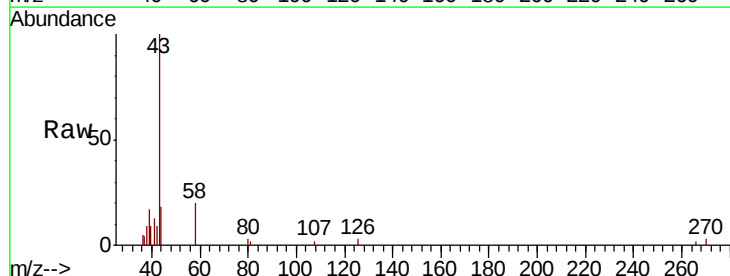
Acq: 9 Dec 2020 9:20

Tgt Ion: 43 Resp: 7570

Ion Ratio Lower Upper

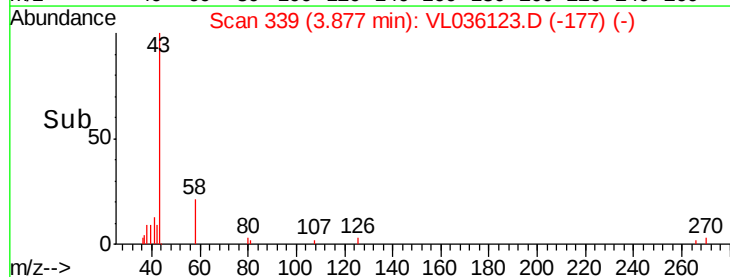
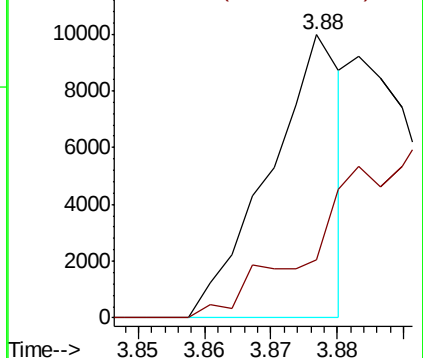
43 100

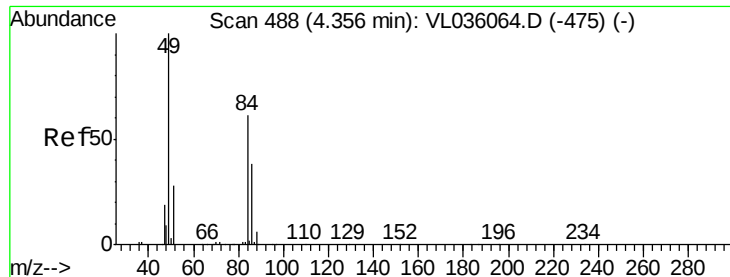
58 0.0 20.9 31.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

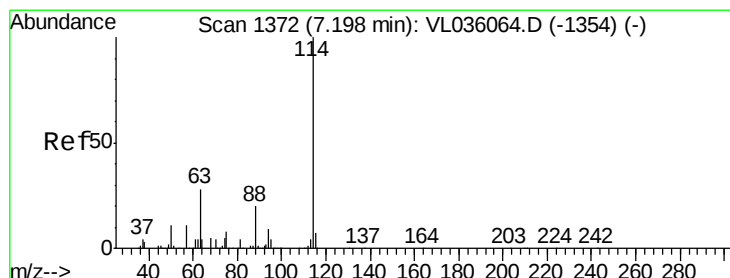
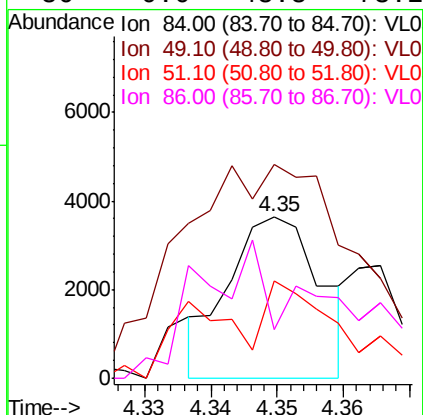
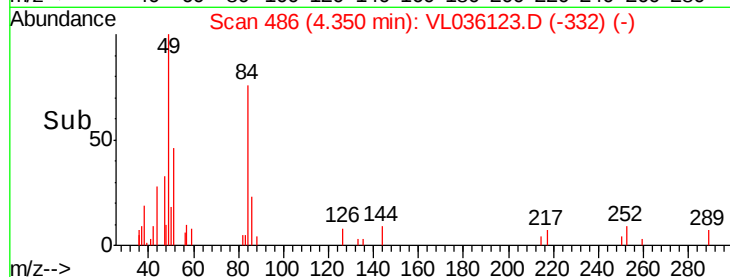
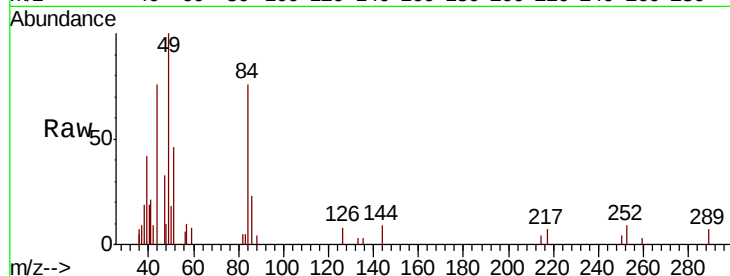




#20
Methvlene Chloride
Concen: 0.055 ppbv
RT: 4.35 min Scan# 486
Delta R.T. -0.01 min
Lab File: VL036123.D
Acq: 9 Dec 2020 9:20

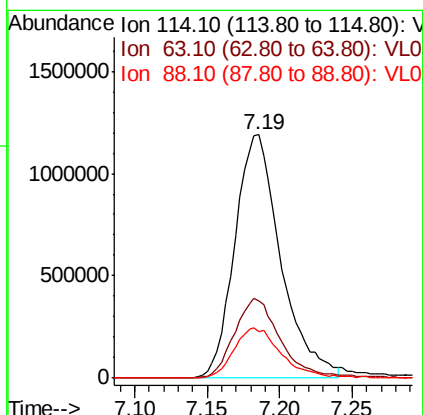
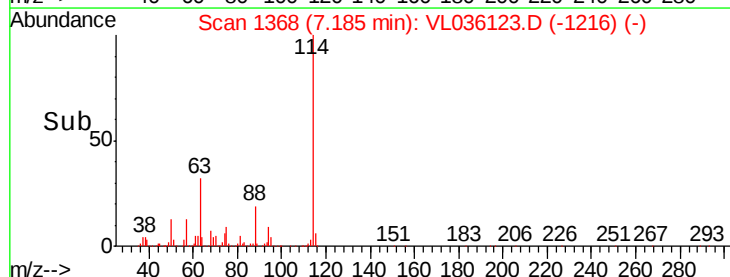
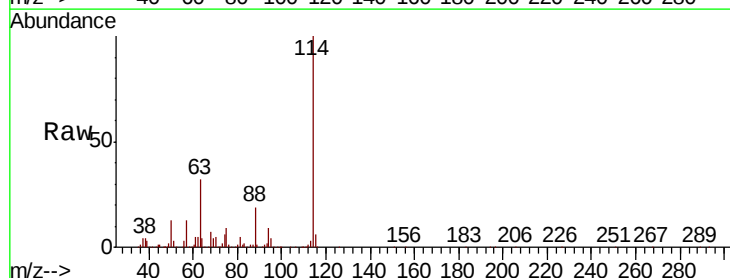
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

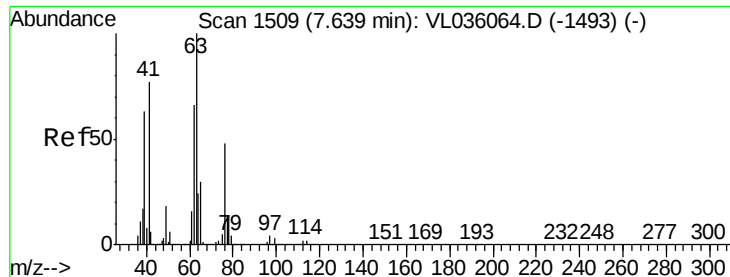
Tot Ion:	84	Resp:	3524
Ion	Ratio	Lower	Upper
84	100		
49	81.0	133.0	199.4#
51	41.9	38.9	58.3
86	0.0	48.8	73.2#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VL036123.D
Acq: 9 Dec 2020 9:20

Tgt Ion:	114	Resp:	2622712
Ion	Ratio	Lower	Upper
114	100		
63	33.5	23.6	35.4
88	21.6	15.8	23.6





#39

1,2-Dichloropropane

Concen: 9.606 ppbv

RT: 7.18 min Scan# 1367

Delta R.T. -0.46 min

Lab File: VL036123.D

Acq: 9 Dec 2020 9:20

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

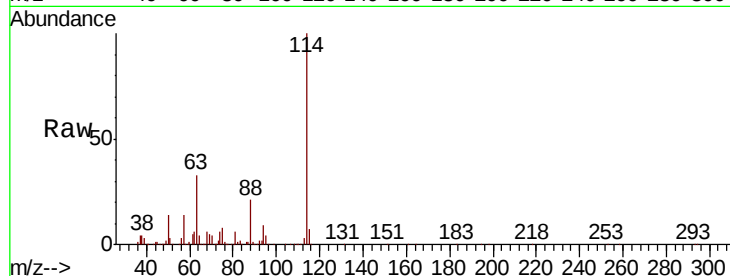
Tot Ion: 63 Resp: 843198

Ion Ratio Lower Upper

63 100

41 0.0 61.9 92.9#

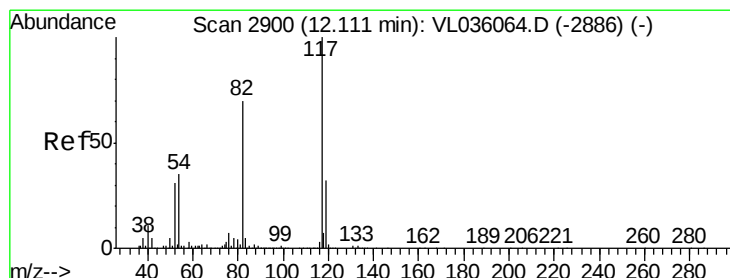
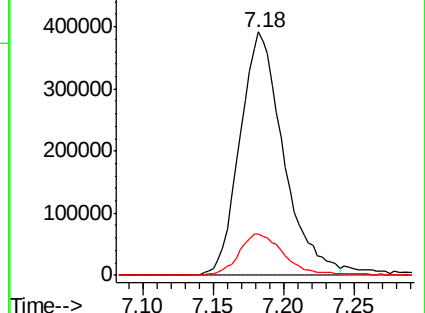
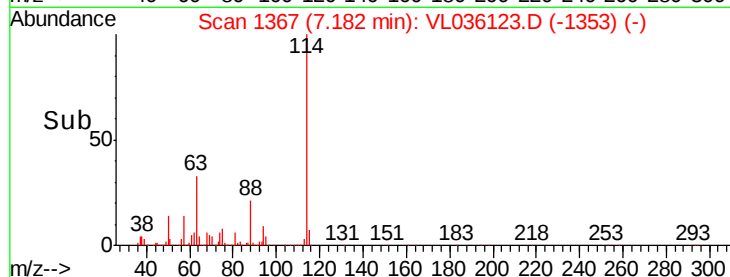
62 17.1 52.5 78.7#



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: 12.10 min Scan# 2897

Delta R.T. -0.01 min

Lab File: VL036123.D

Acq: 9 Dec 2020 9:20

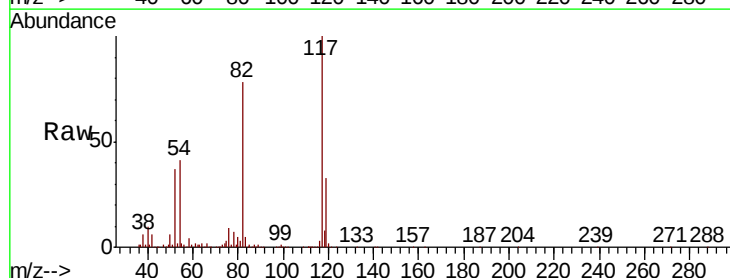
Tgt Ion: 117 Resp: 2343465

Ion Ratio Lower Upper

117 100

82 81.8 0.0 0.0#

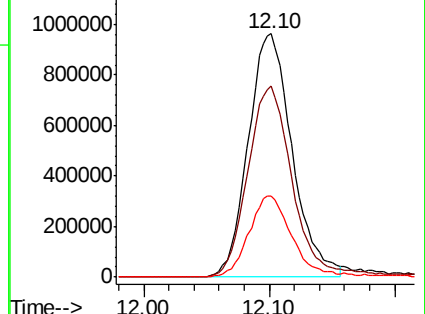
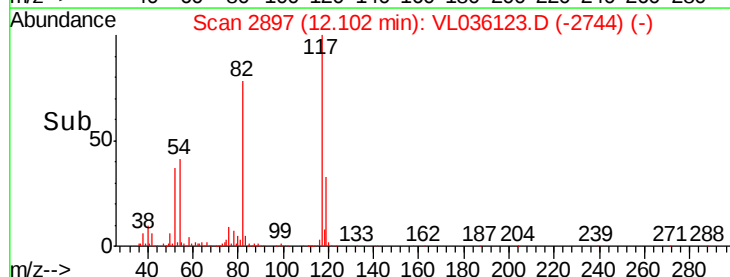
119 34.3 0.0 0.0#

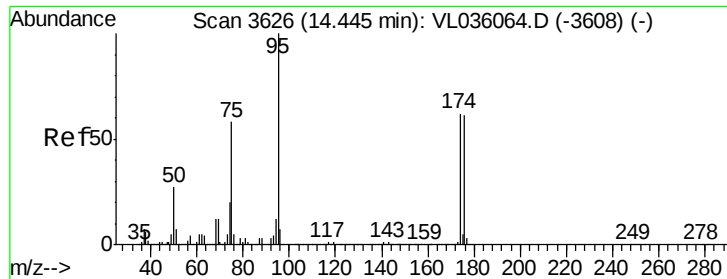


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.871 ppbv

RT: 14.43 min Scan# 3622

Delta R.T. -0.01 min

Lab File: VL036123.D

Acq: 9 Dec 2020 9:20

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 95 Resp: 2022868

Ion Ratio Lower Upper

95 100

174 56.4 50.7 76.1

175 3.9 4.0 6.0#

