

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051220\
 Data File : VL034985.D
 Acq On : 12 May 2020 13:07
 Operator : SY/AP
 Sample : VL0512ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0512ABL01

Quant Time: May 13 01:04:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 06 14:49:39 2020
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1013896	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	2364518	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.11	117	2246221	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1833351	10.08	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.80%

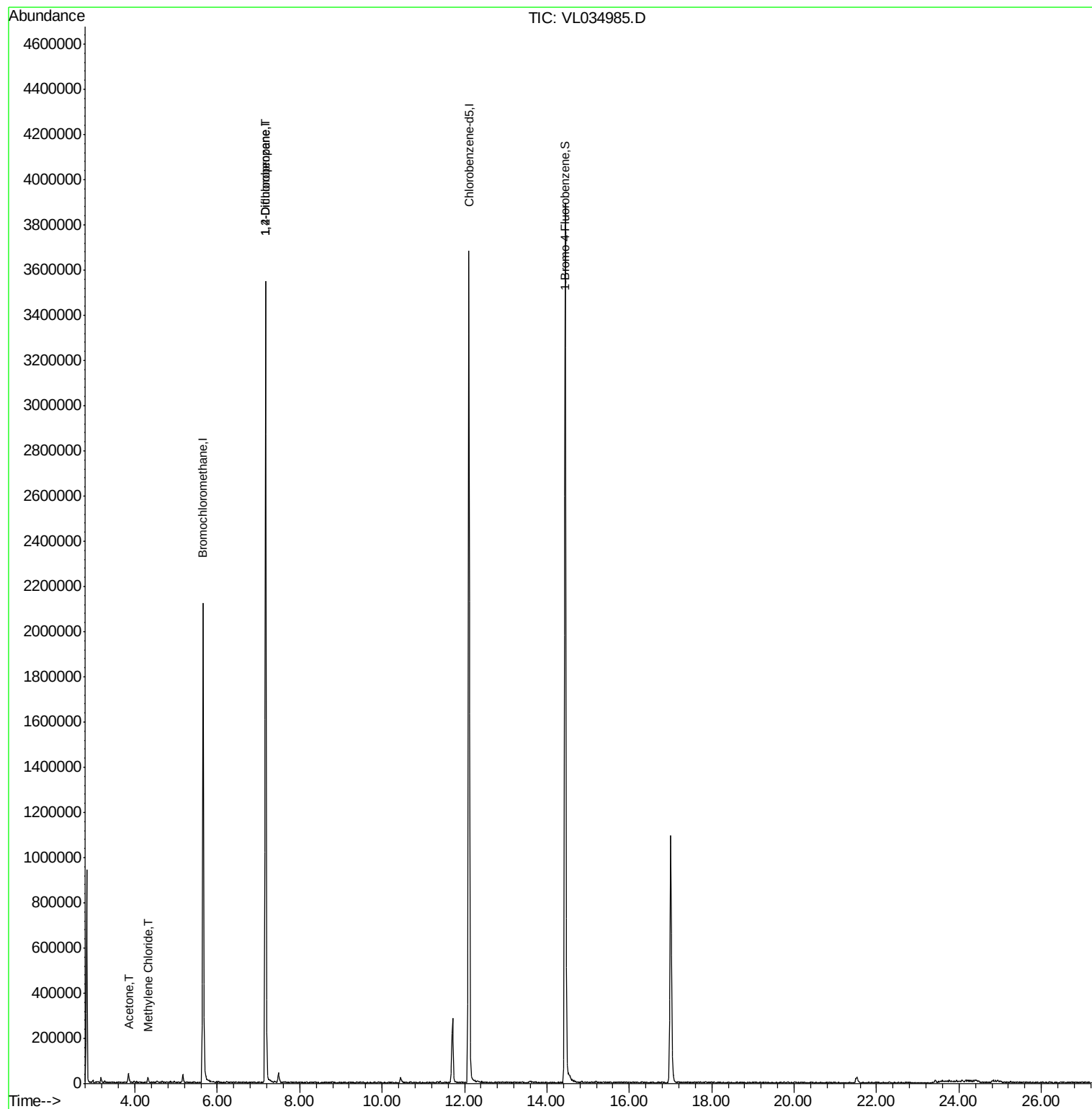
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	31619	0.236	ppbv #	63
20) Methylene Chloride	4.31	84	3187	0.072	ppbv #	22
39) 1,2-Dichloropropane	7.17	63	650980	8.330	ppbv #	24

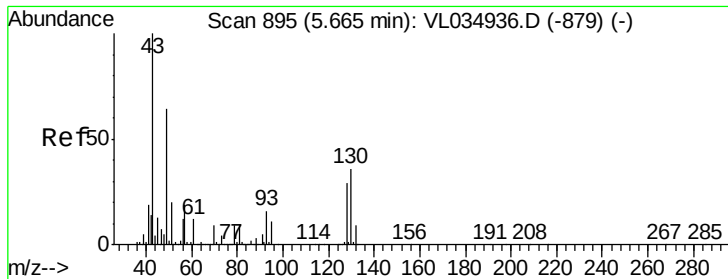
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL051220\
Data File : VL034985.D
Acq On : 12 May 2020 13:07
Operator : SY/AP
Sample : VL0512ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0512ABL01

Quant Time: May 13 01:04:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed May 06 14:49:39 2020
QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.01 min

Lab File: VL034985.D

Acq: 12 May 2020 13:07

Instrument :

MSVOA_L

ClientSampleId :

VL0512ABL01

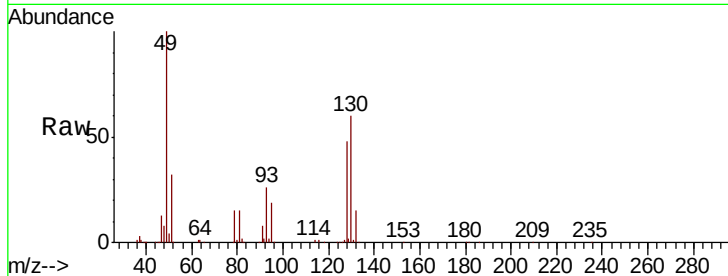
Tot Ion: 49 Resp: 1013896

Ion Ratio Lower Upper

49 100

128 47.1 22.1 66.5

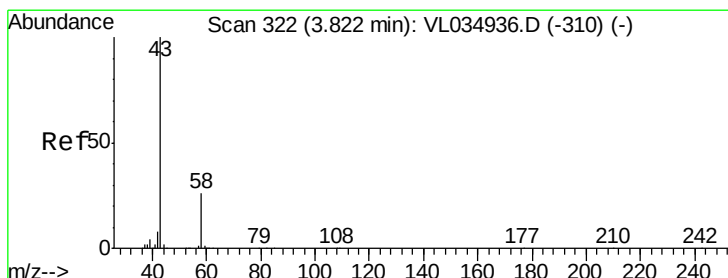
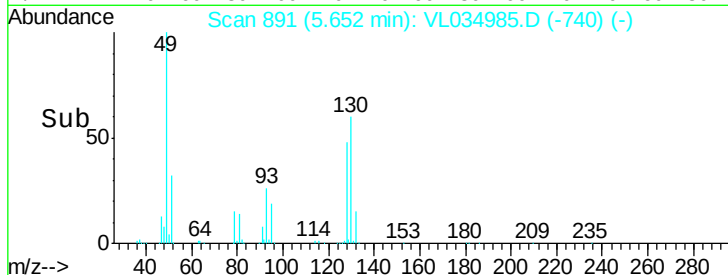
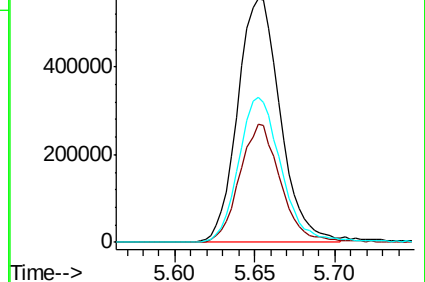
130 59.5 29.1 87.3



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: 0.236 ppbv

RT: 3.84 min Scan# 328

Delta R.T. 0.02 min

Lab File: VL034985.D

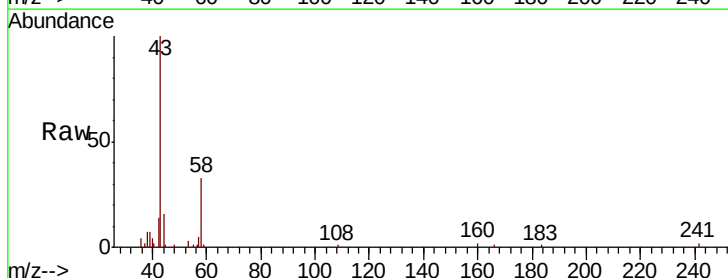
Acq: 12 May 2020 13:07

Tgt Ion: 43 Resp: 31619

Ion Ratio Lower Upper

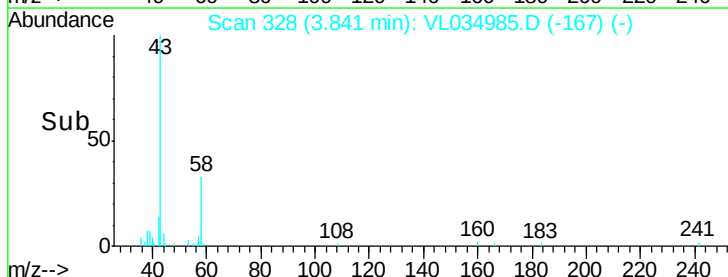
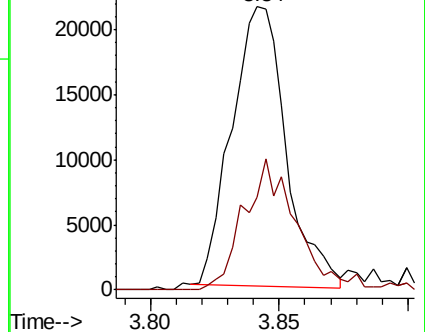
43 100

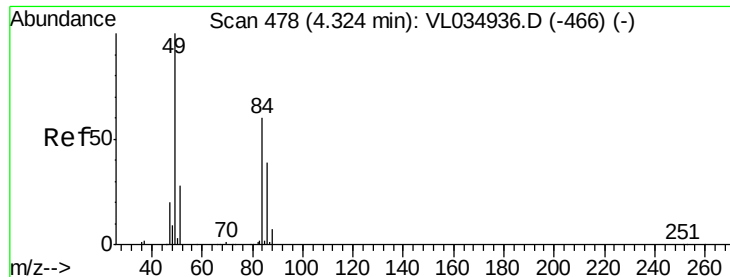
58 46.5 21.7 32.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

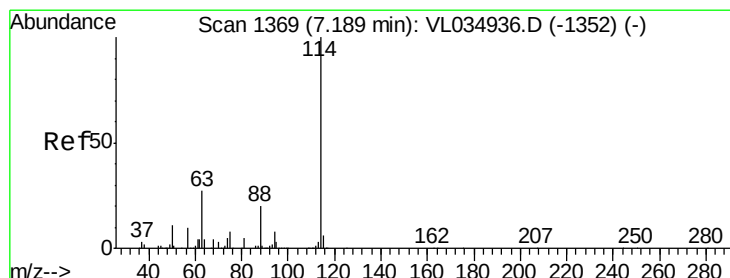
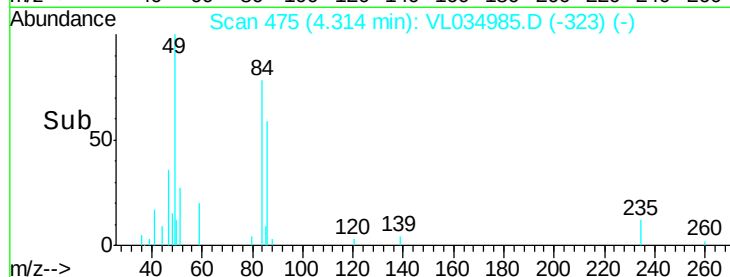
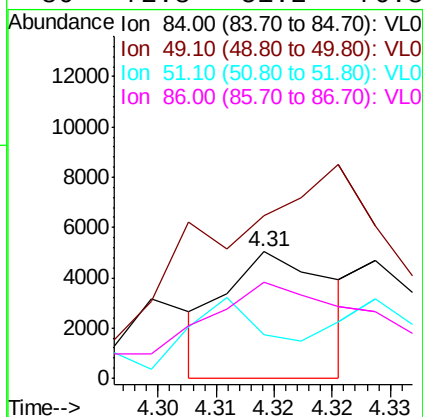
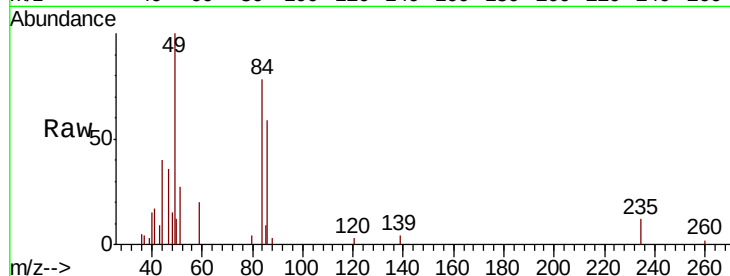




#20
Methylene Chloride
Concen: 0.072 ppbv
RT: 4.31 min Scan# 475
Delta R.T. -0.01 min
Lab File: VL034985.D
Acq: 12 May 2020 13:07

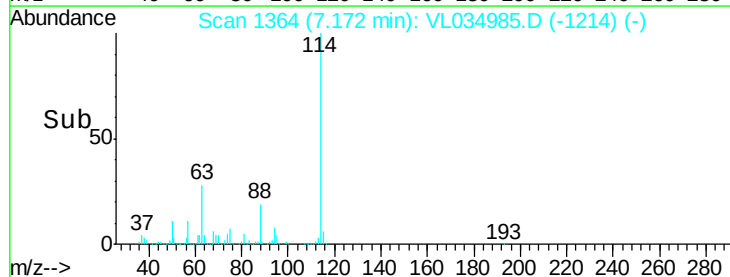
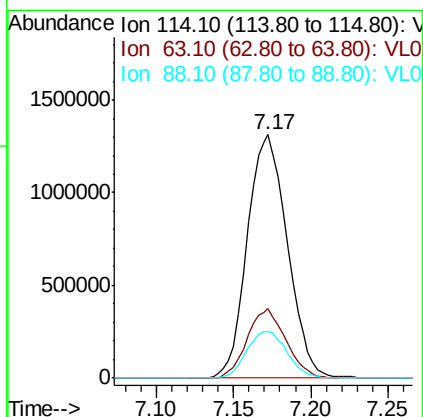
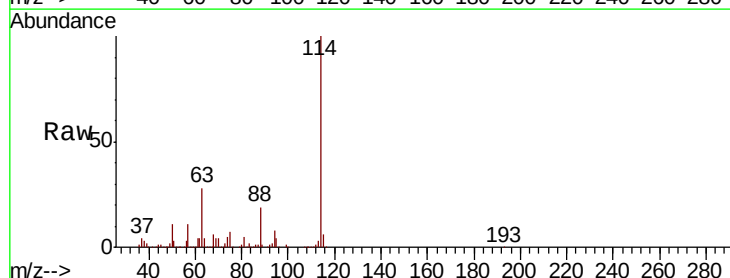
Instrument :
MSVOA_L
ClientSampleId :
VL0512ABL01

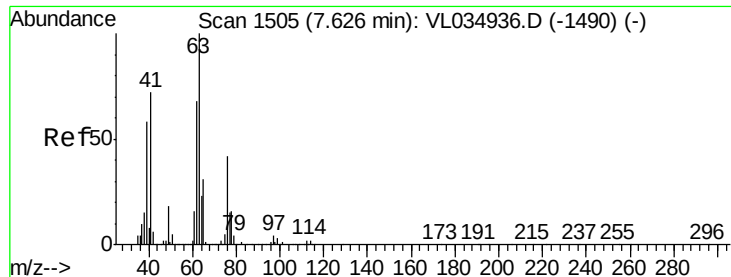
Tot Ion:	84	Resp:	3187
Ion	Ratio	Lower	Upper
84	100		
49	22.8	132.5	198.7#
51	0.0	38.4	57.6#
86	72.8	51.2	76.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.02 min
Lab File: VL034985.D
Acq: 12 May 2020 13:07

Tgt Ion:	114	Resp:	2364518
Ion	Ratio	Lower	Upper
114	100		
63	27.7	22.2	33.4
88	19.5	15.5	23.3





#39

1,2-Dichloropropane

Concen: 8.330 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. -0.45 min

Lab File: VL034985.D

Acq: 12 May 2020 13:07

Instrument :

MSVOA_L

ClientSampleId :

VL0512ABL01

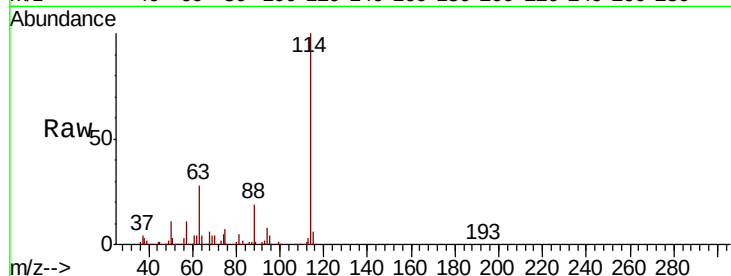
Tot Ion: 63 Resp: 650980

Ion Ratio Lower Upper

63 100

41 0.1 57.8 86.8#

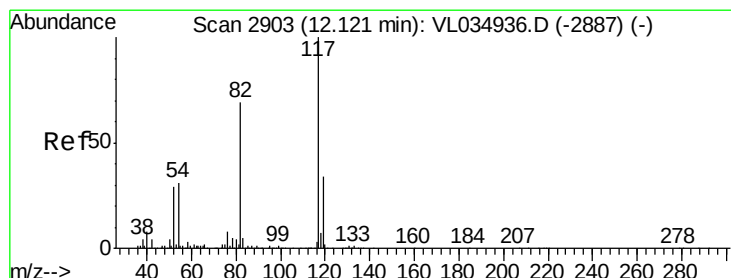
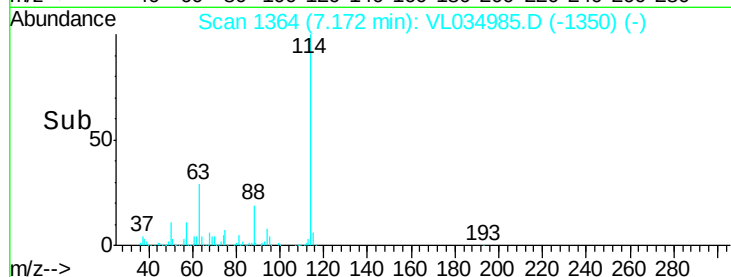
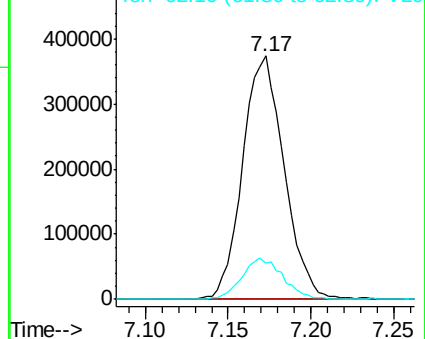
62 15.0 54.2 81.2#



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: 12.11 min Scan# 2899

Delta R.T. -0.01 min

Lab File: VL034985.D

Acq: 12 May 2020 13:07

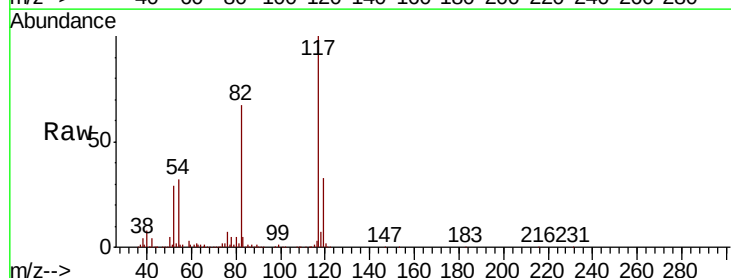
Tgt Ion: 117 Resp: 2246221

Ion Ratio Lower Upper

117 100

82 69.1 53.1 79.7

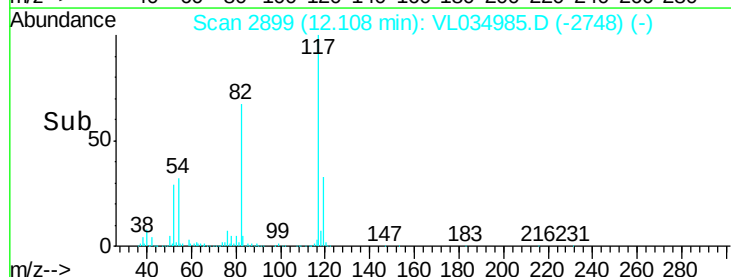
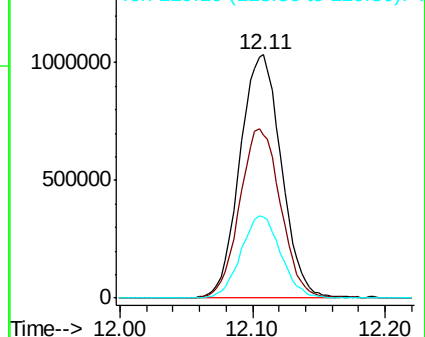
119 32.6 26.7 40.1

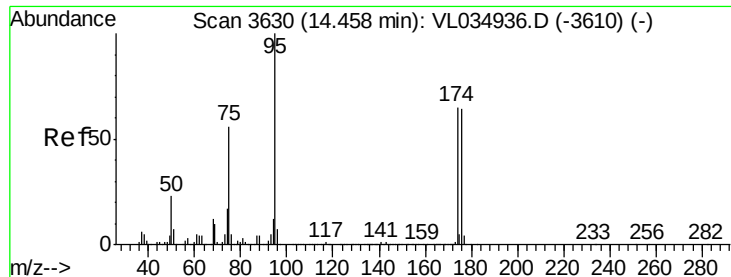


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.083 ppbv

RT: 14.45 min Scan# 3626

Delta R.T. -0.01 min

Lab File: VL034985.D

Acq: 12 May 2020 13:07

Instrument :

MSVOA_L

ClientSampleId :

VL0512ABL01

Tot Ion: 95 Resp: 1833351

Ion Ratio Lower Upper

95 100

174 64.0 51.5 77.3

175 4.8 3.8 5.8

