

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021820\
Quantitation Report (Not Reviewed)

Data File : VL034643.D
Acq On : 19 Feb 2020 3:34
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Feb 19 06:08:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 30 17:16:44 2020
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1074395	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2307457	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2268284	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1838432	9.59	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.90%

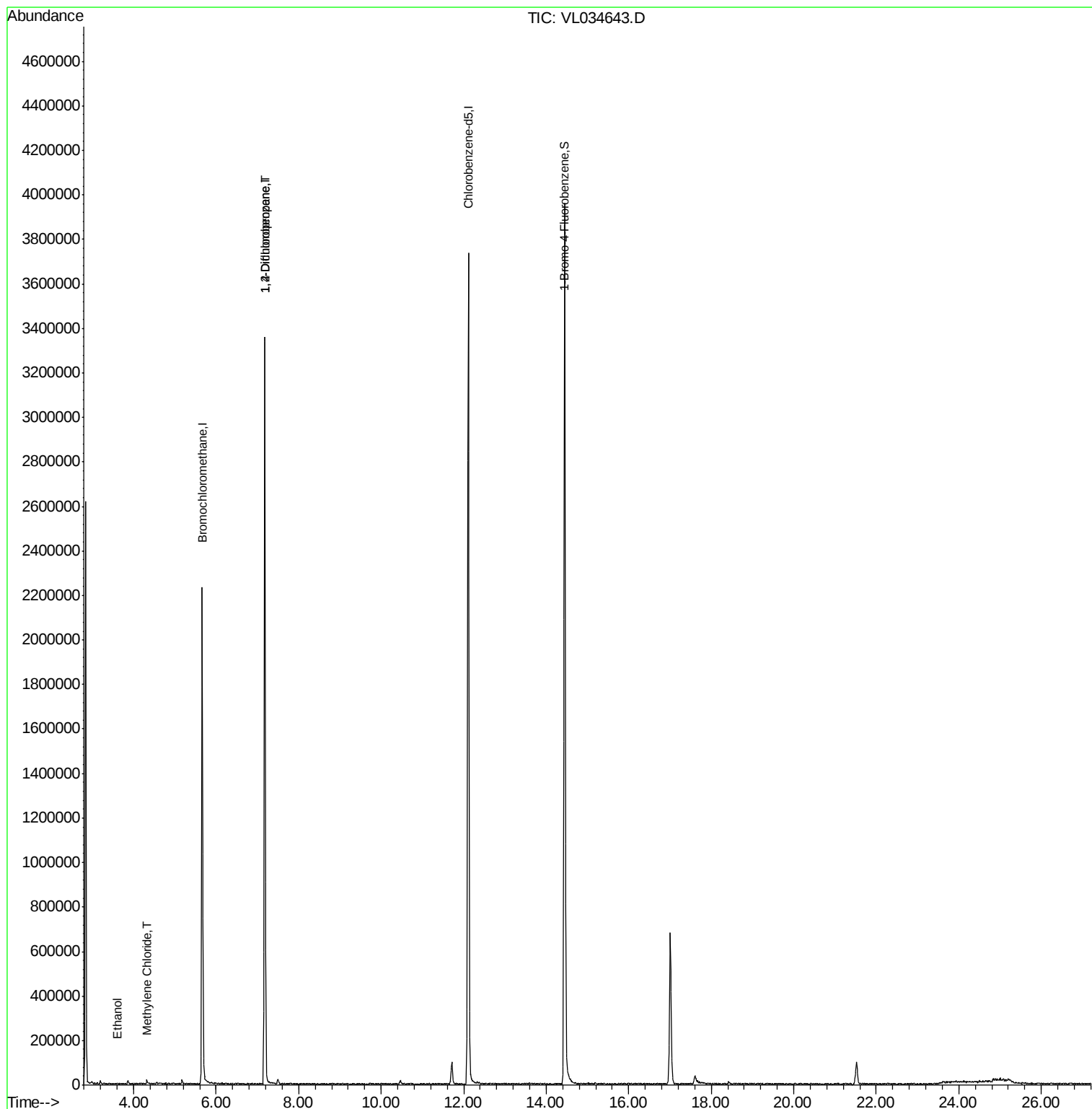
Target Compounds					Qvalue	
13) Ethanol	3.61	45	494	0.036	ppbv	91
20) Methylene Chloride	4.32	84	2482	0.041	ppbv #	63
39) 1,2-Dichloropropane	7.18	63	637483	7.494	ppbv #	19

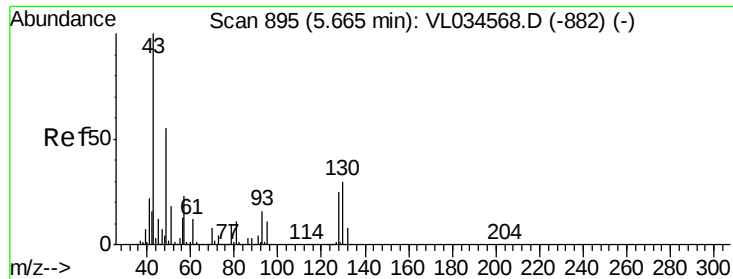
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.01 min

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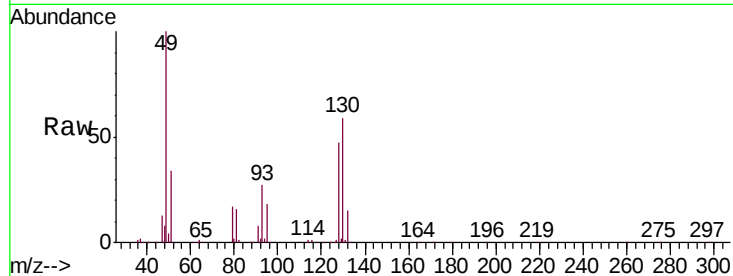
Tgt Ion: 49 Resp: 1074395

Ion Ratio Lower Upper

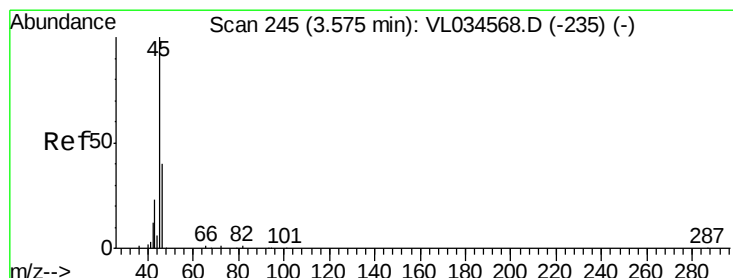
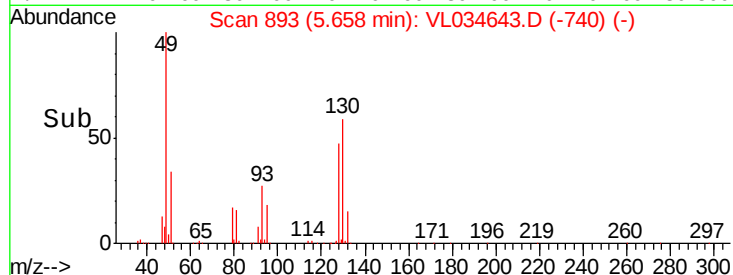
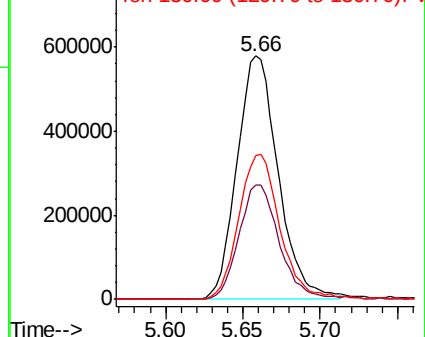
49 100

128 46.5 22.7 68.1

130 60.0 28.6 85.8



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



#13

Ethanol

Concen: 0.036 ppbv

RT: 3.61 min Scan# 255

Delta R.T. 0.03 min

Lab File: VL034643.D

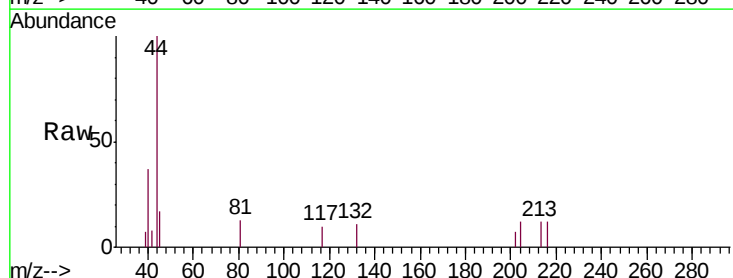
Acq: 19 Feb 2020 3:34

Tgt Ion: 45 Resp: 494

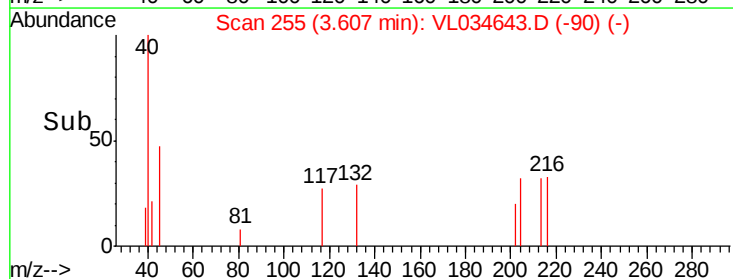
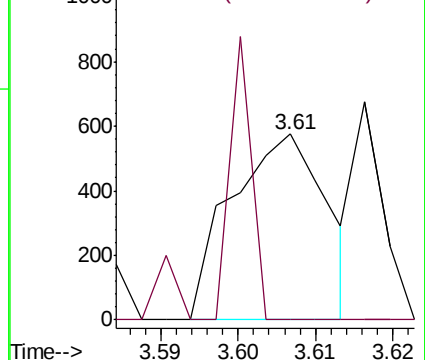
Ion Ratio Lower Upper

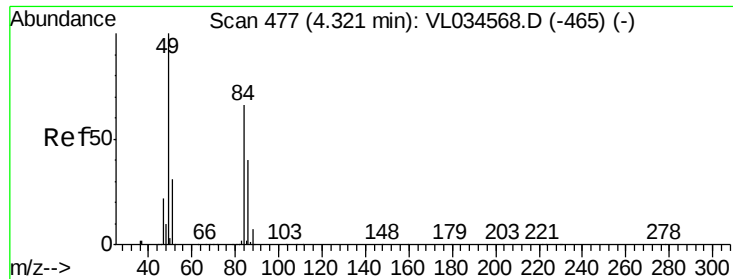
45 100

46 42.1 14.8 59.2



Abundance Ion 45.10 (44.80 to 45.80): VL0
Ion 46.10 (45.80 to 46.80): VL0

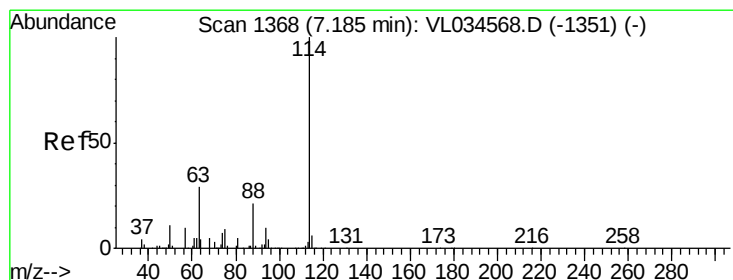
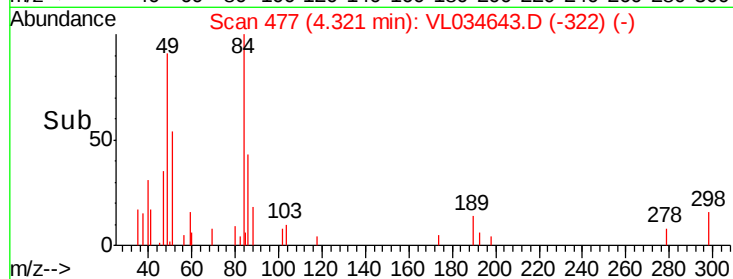
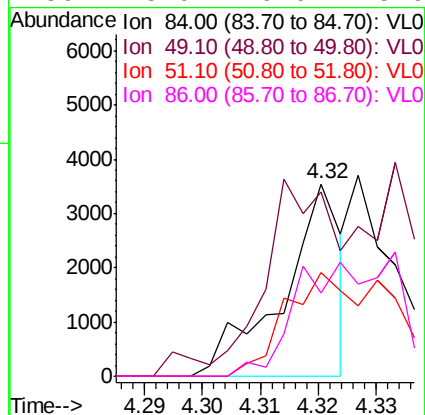
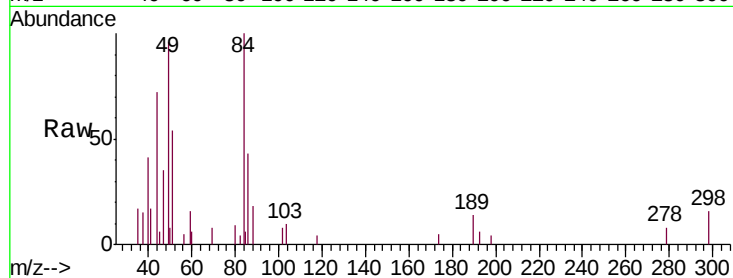




#20
Methylene Chloride
Concen: 0.041 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.00 min
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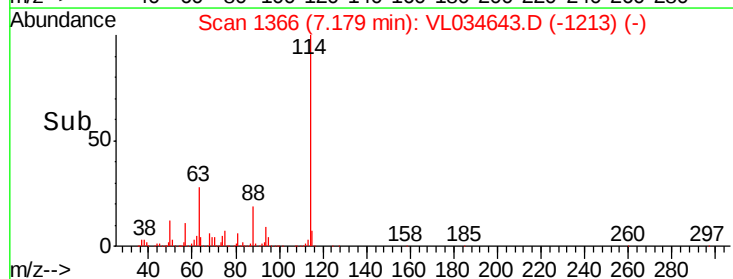
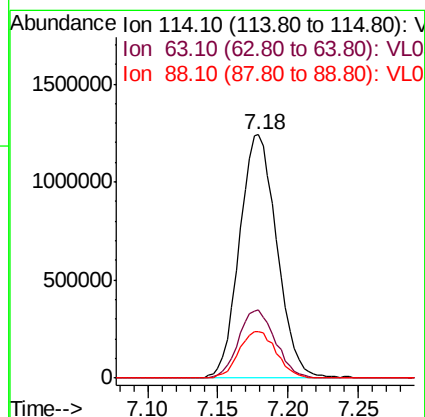
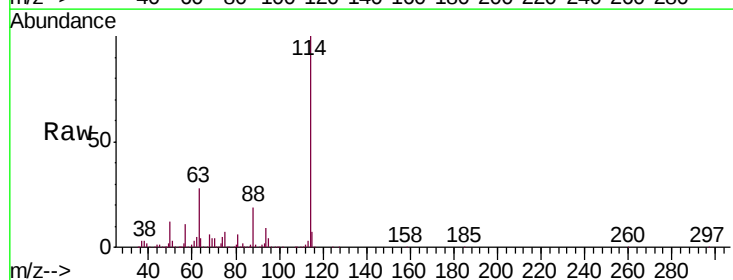
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

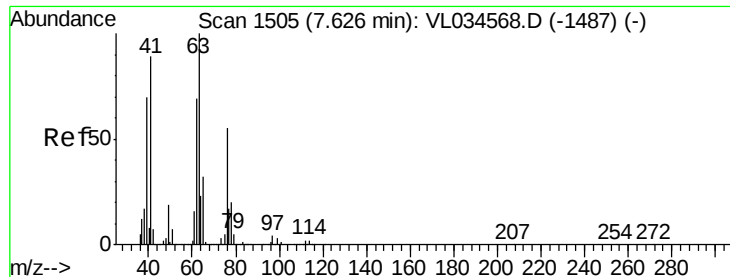
Tgt Ion:	84	Resp:	2482
Ion	Ratio	Lower	Upper
84	100		
49	86.4	122.4	183.6#
51	54.2	38.6	57.8
86	43.0	49.0	73.6#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.01 min
Lab File: VL034643.D
Acq: 19 Feb 2020 3:34

Tgt Ion:	114	Resp:	2307457
Ion	Ratio	Lower	Upper
114	100		
63	27.8	24.1	36.1
88	19.3	15.9	23.9

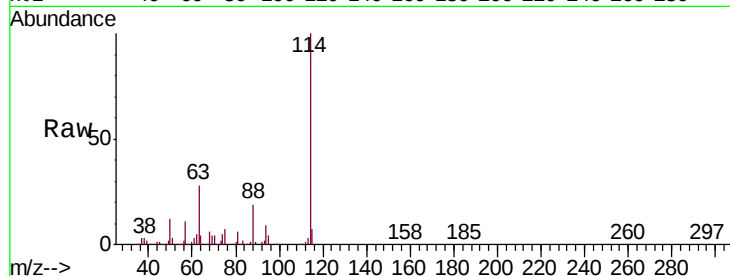




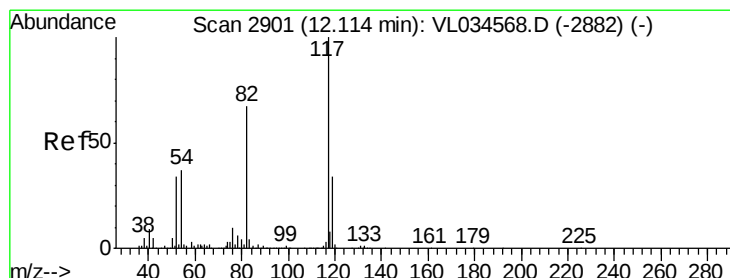
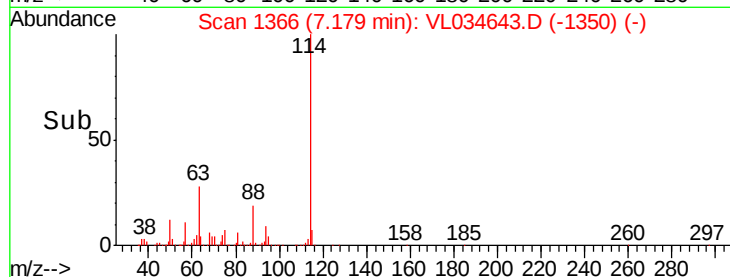
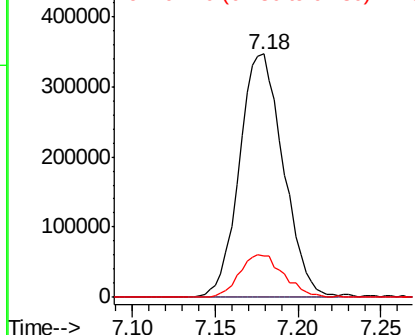
#39
 1,2-Dichloropropane
 Concen: 7.494 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. -0.45 min
 Lab File: VL034643.D
 Acq: 19 Feb 2020 3:34

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tgt Ion: 63 Resp: 637483
 Ion Ratio Lower Upper
 63 100
 41 0.0 71.0 106.4#
 62 17.0 55.4 83.0#

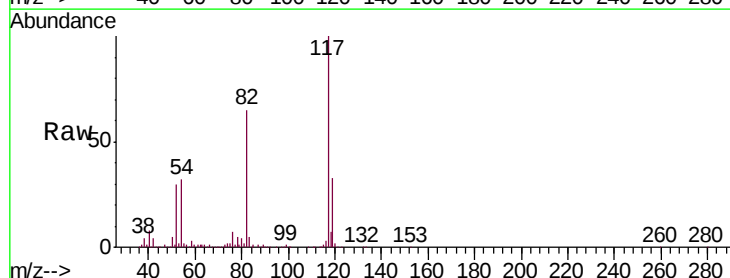


Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

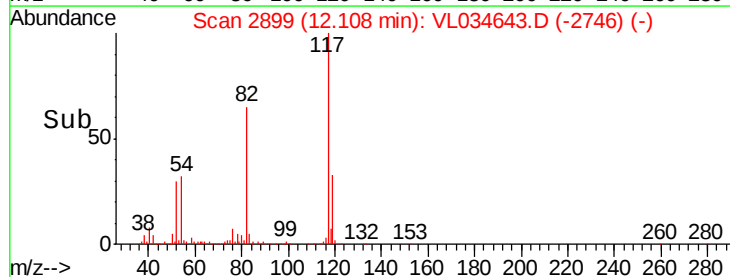
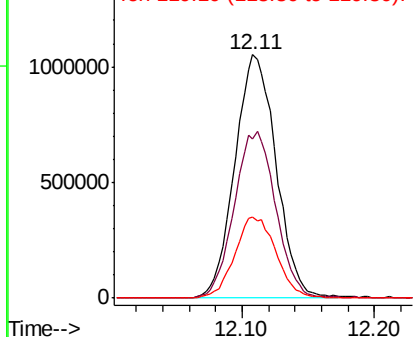


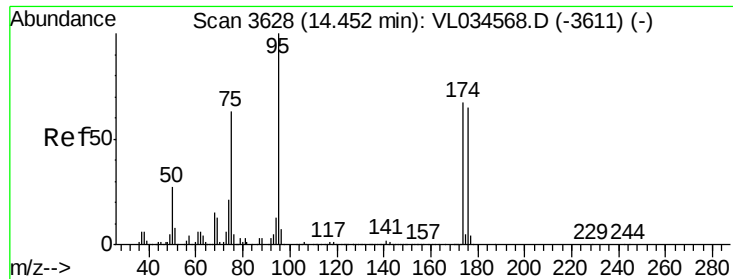
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.11 min Scan# 2899
 Delta R.T. -0.01 min
 Lab File: VL034643.D
 Acq: 19 Feb 2020 3:34

Tgt Ion: 117 Resp: 2268284
 Ion Ratio Lower Upper
 117 100
 82 69.3 54.2 81.4
 119 33.8 26.1 39.1



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: 9.590 ppbv

RT: 14.44 min Scan# 3625

Delta R.T. -0.01 min

Lab File: VL034643.D

Acq: 19 Feb 2020 3:34

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tgt Ion: 95 Resp: 1838432

Ion Ratio Lower Upper

95 100

174 69.3 52.3 78.5

175 5.2 3.8 5.6

