

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021920\
Quantitation Report (Not Reviewed)

Data File : VL034663.D
Acq On : 20 Feb 2020 2:56
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Feb 20 06:53:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 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	5.65	49	985034	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2069922	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2044574	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1692125	9.79	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.90%

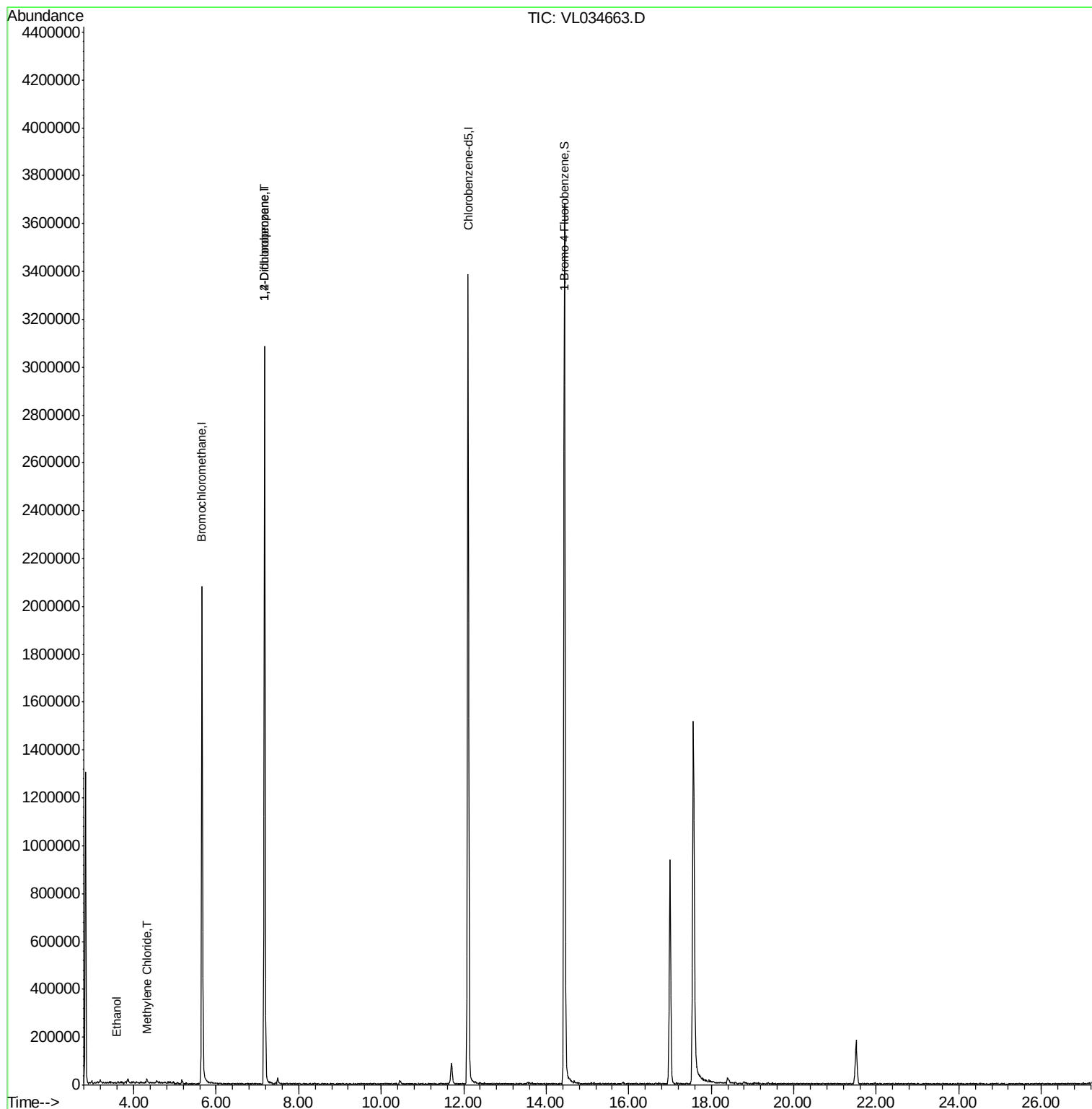
Target Compounds						Qvalue
13) Ethanol	3.60	45	542	0.044	ppbv	70
20) Methylene Chloride	4.32	84	1767	0.032	ppbv #	57
39) 1,2-Dichloropropane	7.17	63	565524	7.411	ppbv #	19

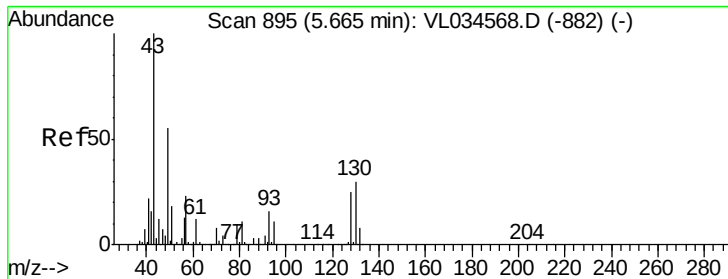
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.01 min

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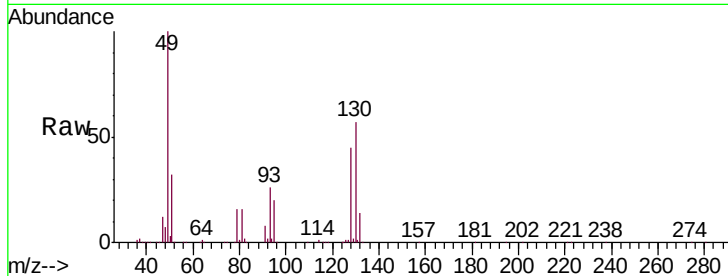
Tgt Ion: 49 Resp: 985034

Ion Ratio Lower Upper

49 100

128 46.5 22.7 68.1

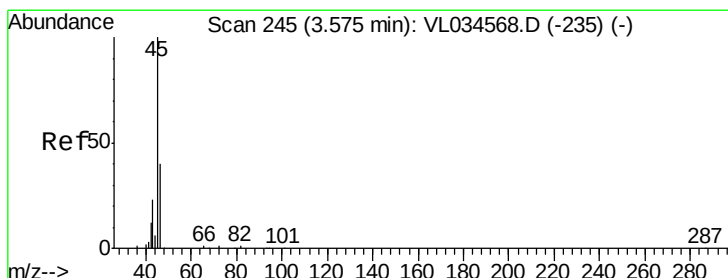
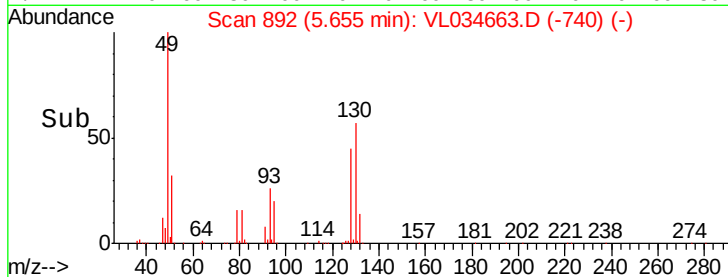
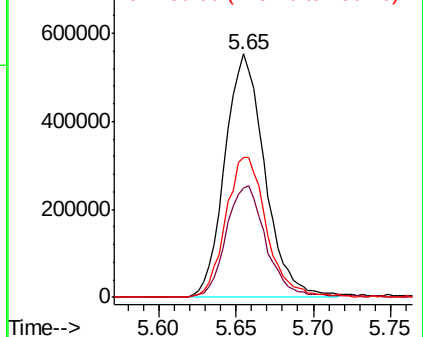
130 59.4 28.6 85.8



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



#13

Ethanol

Concen: 0.044 ppbv

RT: 3.60 min Scan# 252

Delta R.T. 0.02 min

Lab File: VL034663.D

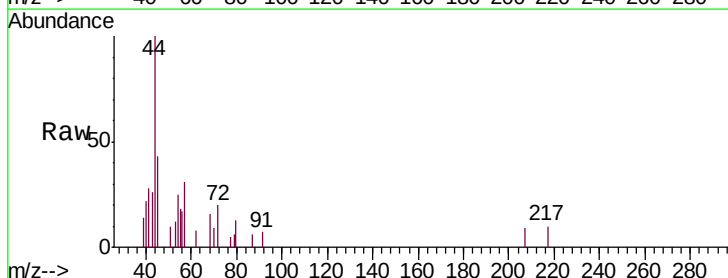
Acq: 20 Feb 2020 2:56

Tgt Ion: 45 Resp: 542

Ion Ratio Lower Upper

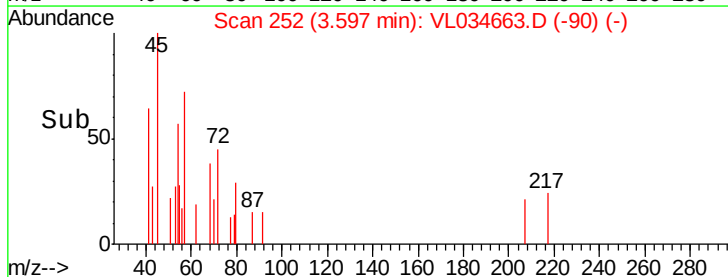
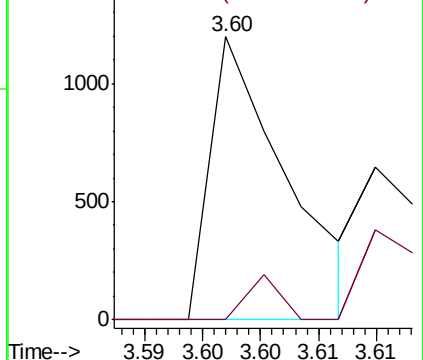
45 100

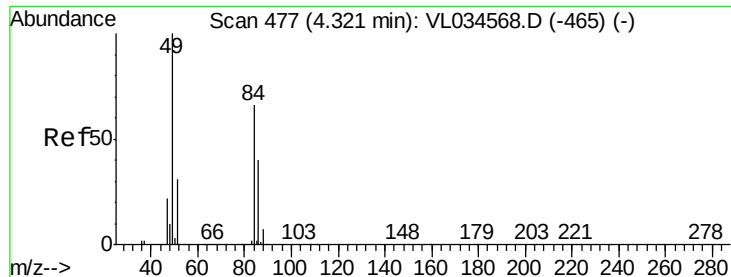
46 19.2 14.8 59.2



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

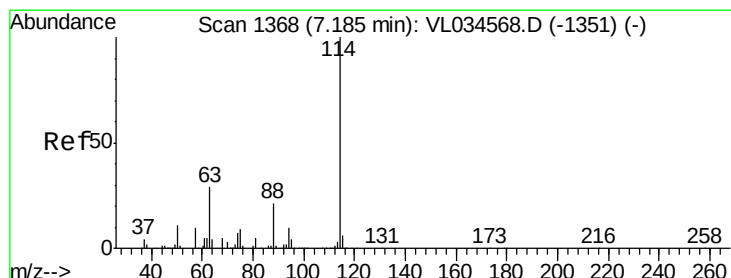
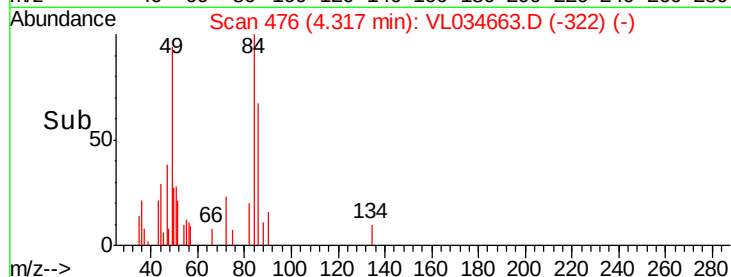
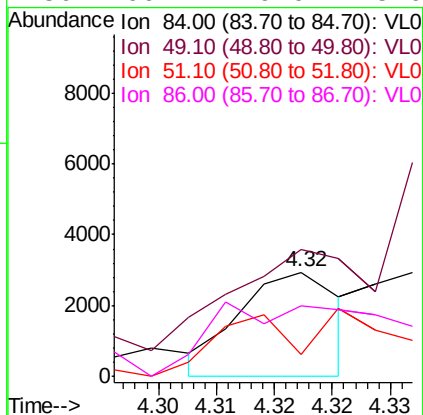
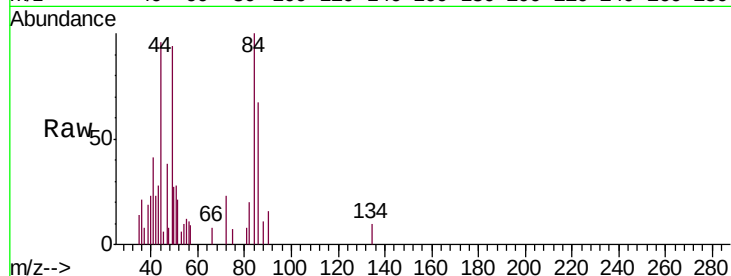




#20
Methylene Chloride
Concen: 0.032 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.00 min
Lab File: VL034663.D
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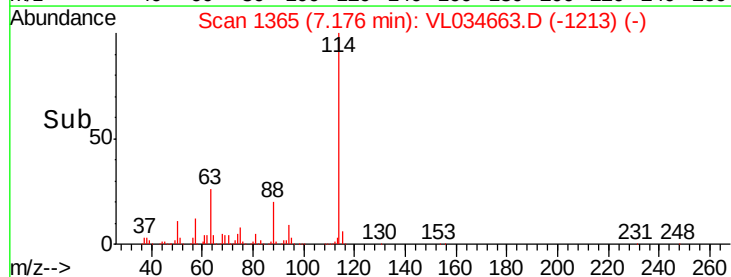
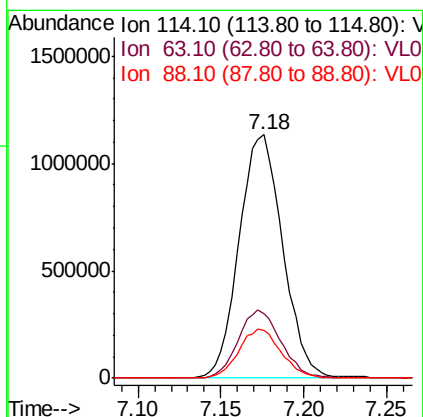
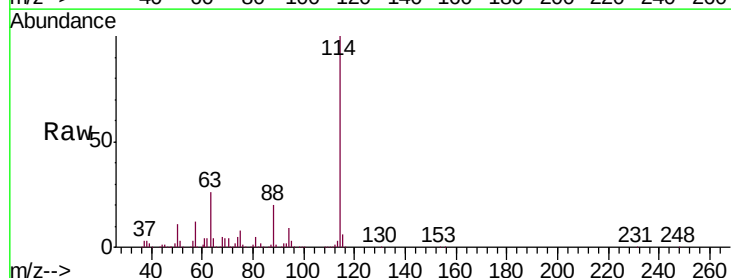
Instrument :
MSVOA_L
ClientSampled :
VIBLK

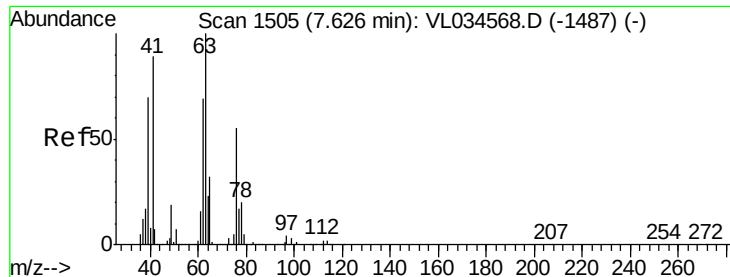
Tgt Ion:	84	Resp:	1767
Ion	Ratio	Lower	Upper
84	100		
49	83.0	122.4	183.6#
51	8.7	38.6	57.8#
86	60.2	49.0	73.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.01 min
Lab File: VL034663.D
Acq: 20 Feb 2020 2:56

Tgt Ion:	114	Resp:	2069922
Ion	Ratio	Lower	Upper
114	100		
63	27.6	24.1	36.1
88	19.5	15.9	23.9





#39

1,2-Dichloropropane

Concen: 7.411 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. -0.45 min

Lab File: VL034663.D

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Instrument :

MSVOA_L

ClientSampleId :

VIBLK

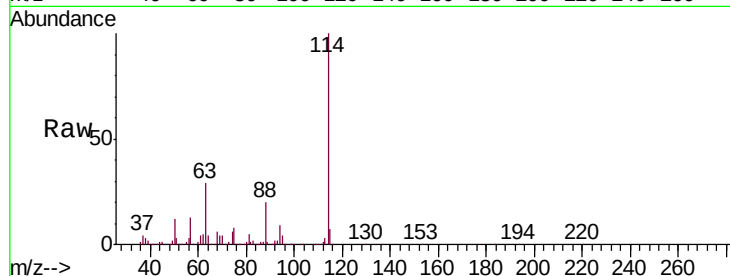
Tgt Ion: 63 Resp: 565524

Ion Ratio Lower Upper

63 100

41 0.2 71.0 106.4#

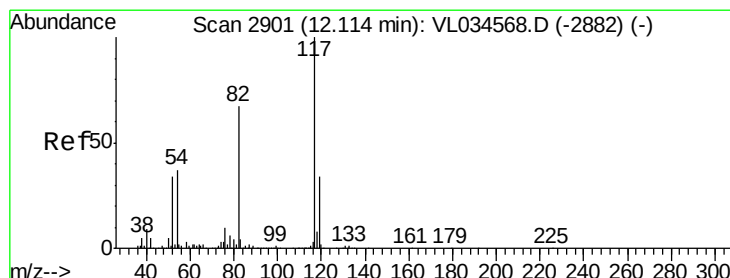
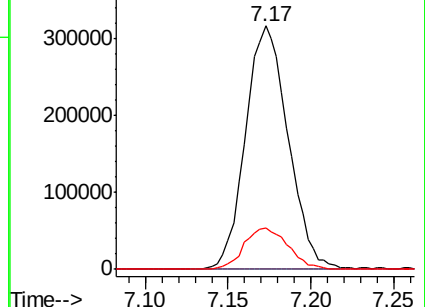
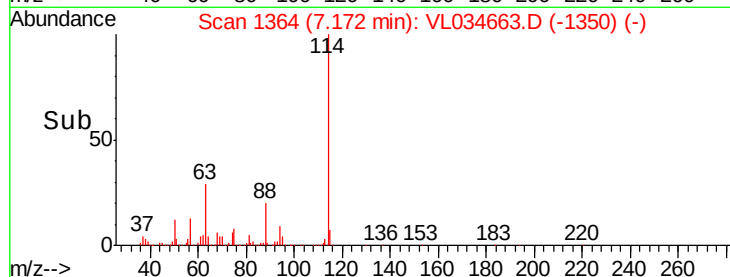
62 17.1 55.4 83.0#



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: 12.10 min Scan# 2898

Delta R.T. -0.01 min

Lab File: VL034663.D

Acq: 20 Feb 2020 2:56

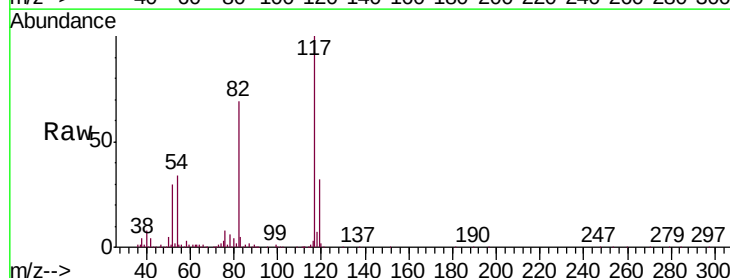
Tgt Ion: 117 Resp: 2044574

Ion Ratio Lower Upper

117 100

82 70.2 54.2 81.4

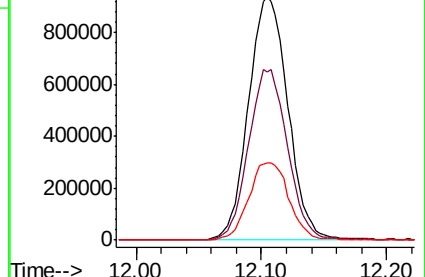
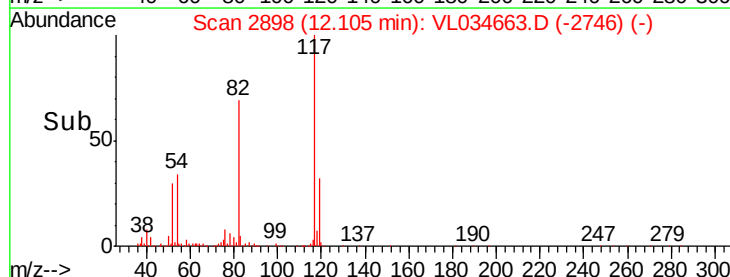
119 32.6 26.1 39.1

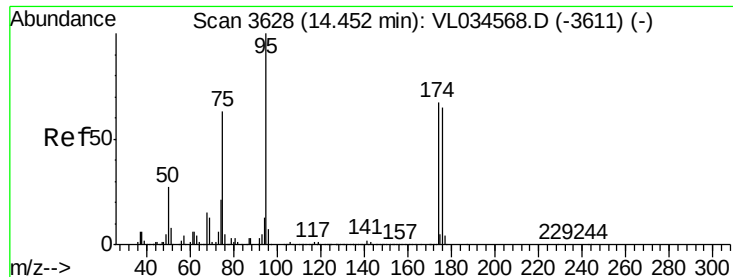


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.793 ppbv

RT: 14.44 min Scan# 3624

Delta R.T. -0.01 min

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Acq: 20 Feb 2020 2:56

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tgt Ion: 95 Resp: 1692125

Ion Ratio Lower Upper

95 100

174 66.8 52.3 78.5

175 4.8 3.8 5.6

