

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032320\
Quantitation Report (Not Reviewed)

Data File : VL034928.D
Acq On : 23 Mar 2020 13:18
Operator : SY/AP
Sample : VL0323ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABL01

Quant Time: Mar 24 01:47:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Mar 09 16:42:53 2020
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1037462	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2220596	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2227168	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1850521	10.65	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.50%

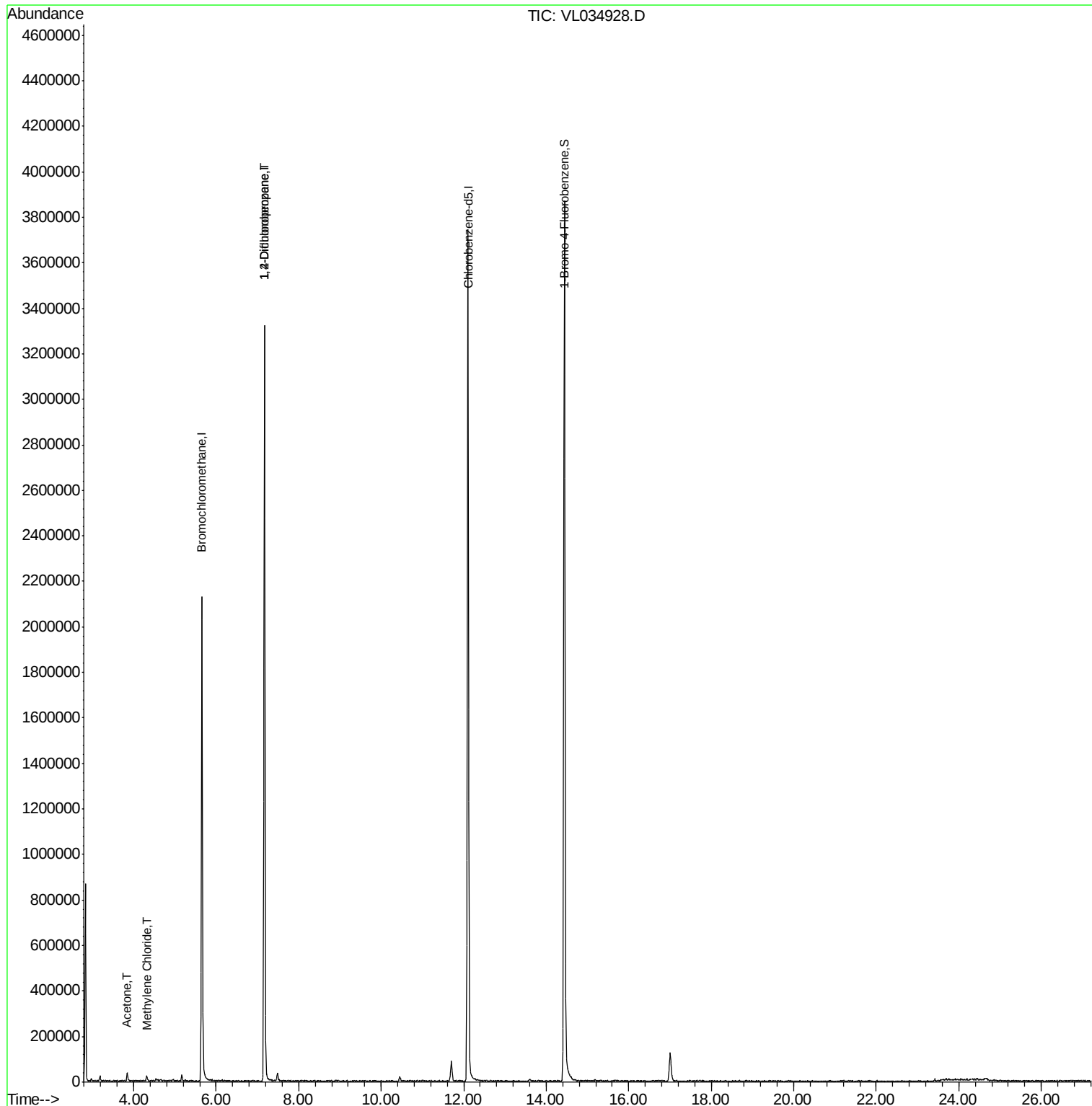
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.84	43	32459	0.241	ppbv #	68
20) Methylene Chloride	4.31	84	5802	0.136	ppbv #	79
39) 1,2-Dichloropropane	7.17	63	621037	7.919	ppbv #	22

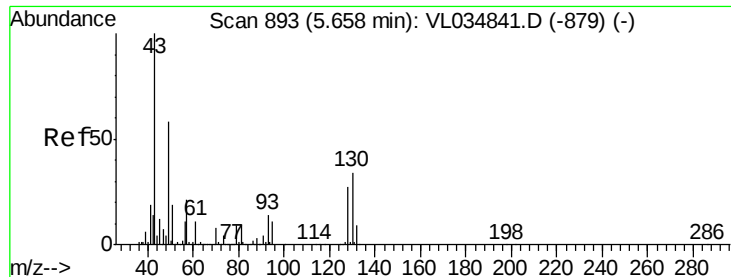
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

VL0323ABL01

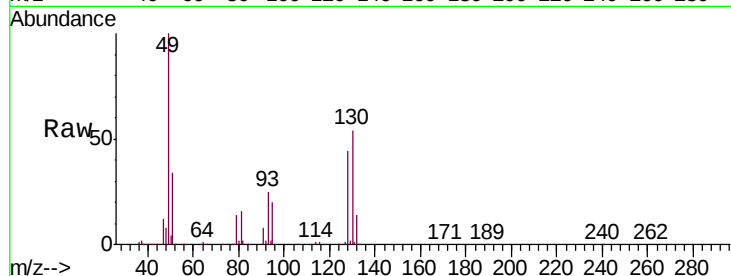
Tgt Ion: 49 Resp: 1037462

Ion Ratio Lower Upper

49 100

128 46.4 23.4 70.3

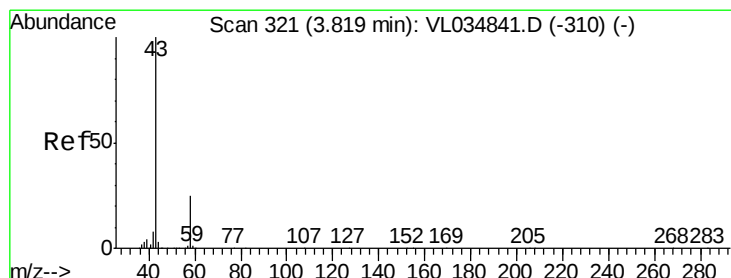
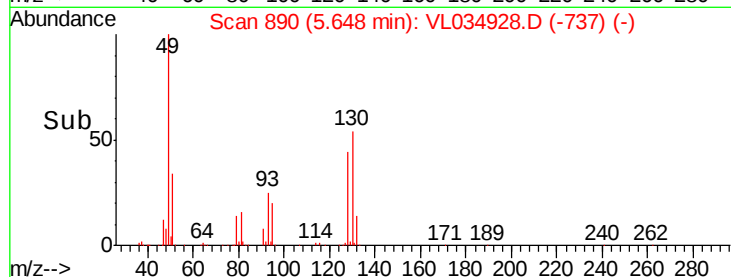
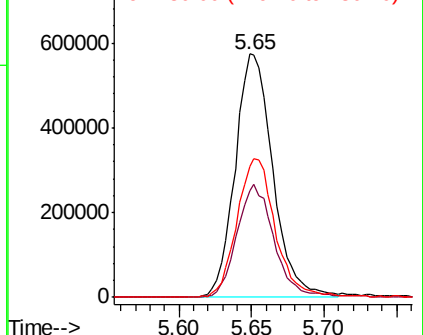
130 58.6 30.0 90.0



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: 0.241 ppbv

RT: 3.84 min Scan# 327

Delta R.T. 0.02 min

Lab File: VL034928.D

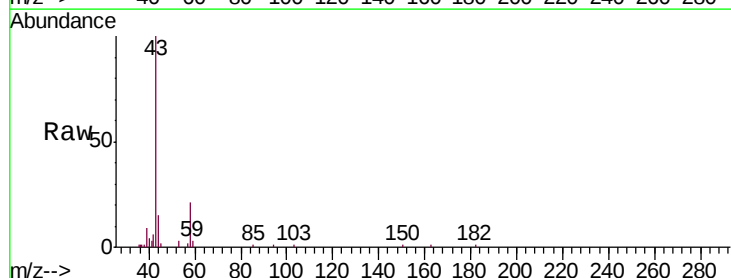
Acq: 23 Mar 2020 13:18

Tgt Ion: 43 Resp: 32459

Ion Ratio Lower Upper

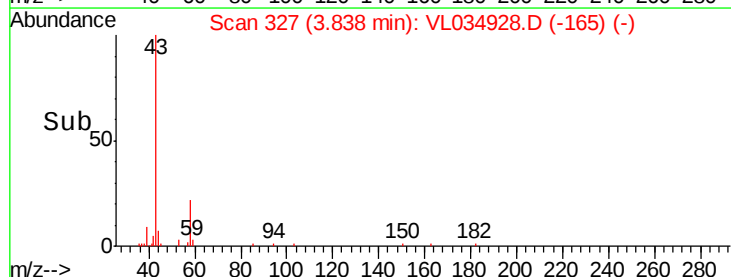
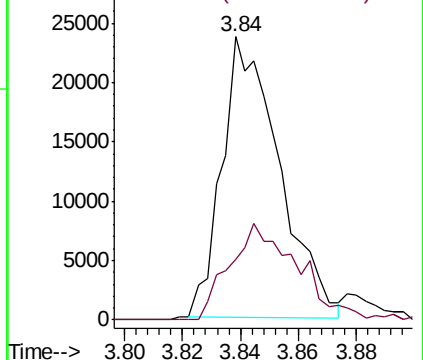
43 100

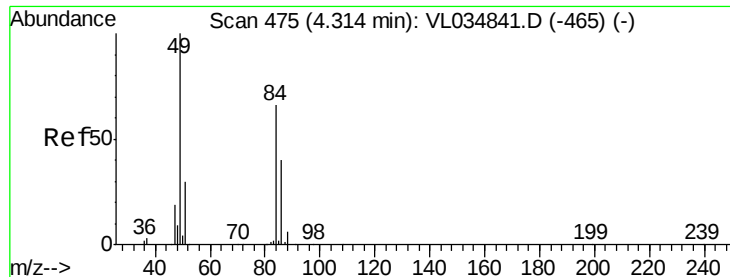
58 42.5 21.0 31.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

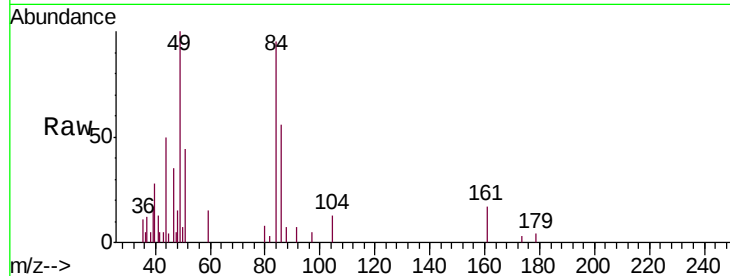




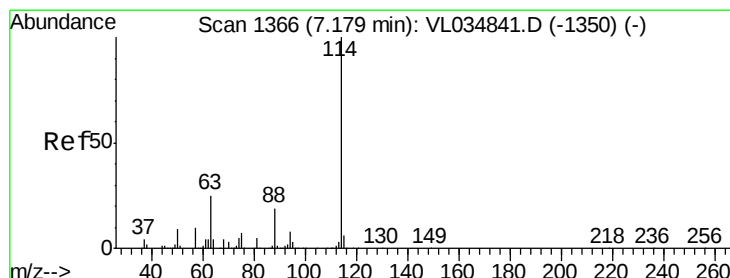
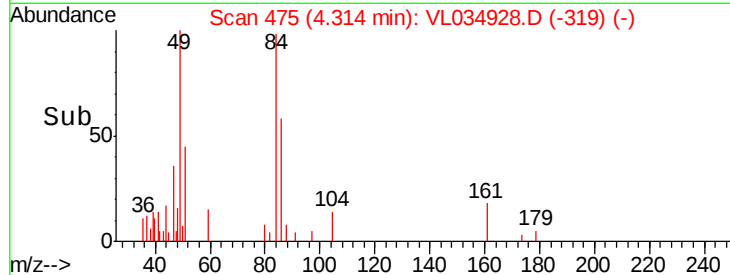
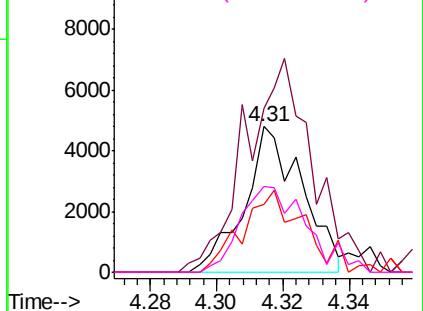
#20
Methylene Chloride
Concen: 0.136 ppbv
RT: 4.31 min Scan# 475
Delta R.T. 0.00 min
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Instrument :
MSVOA_L
ClientSampleId :
VL0323ABL01

Tgt Ion: 84 Resp: 5802
Ion Ratio Lower Upper
84 100
49 106.6 121.5 182.3#
51 46.2 36.6 55.0
86 58.8 48.2 72.2

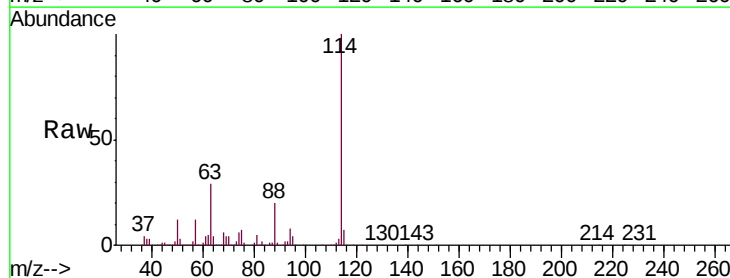


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

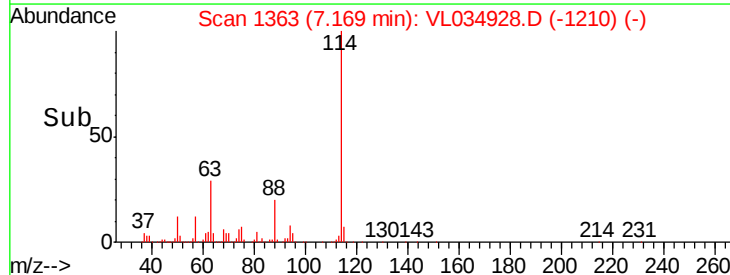
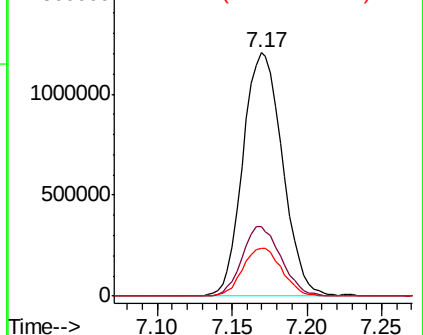


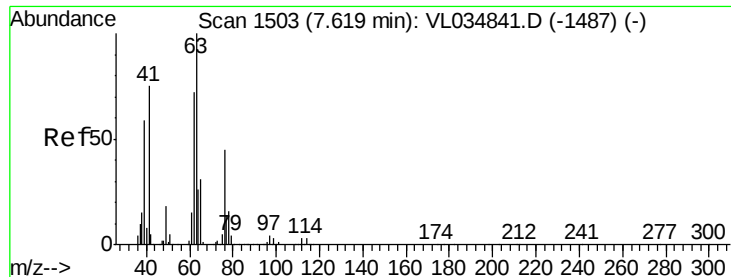
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VL034928.D
Acq: 23 Mar 2020 13:18

Tgt Ion: 114 Resp: 2220596
Ion Ratio Lower Upper
114 100
63 28.2 20.6 31.0
88 19.5 15.0 22.6



Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0





#39

1,2-Dichloropropane

Concen: 7.919 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. -0.45 min

Lab File: VL034928.D

Acq: 23 Mar 2020 13:18

Instrument :

MSVOA_L

ClientSampleId :

VL0323ABL01

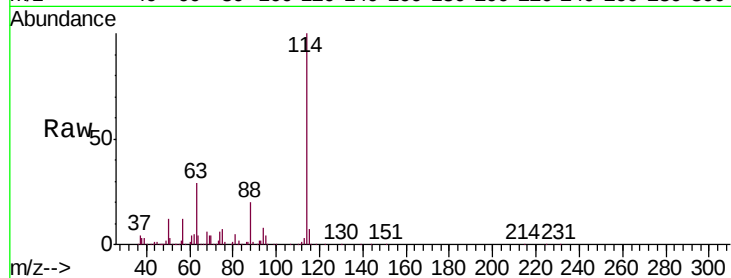
Tgt Ion: 63 Resp: 621037

Ion Ratio Lower Upper

63 100

41 0.0 59.8 89.8#

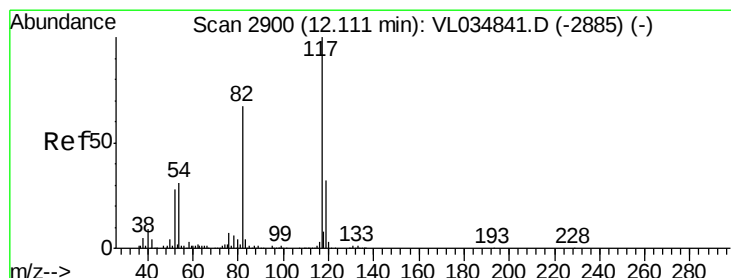
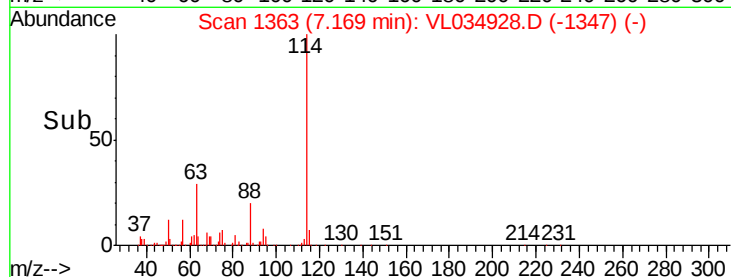
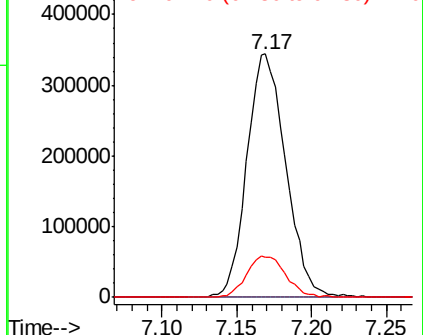
62 16.4 57.6 86.4#



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: VL034928.D

Acq: 23 Mar 2020 13:18

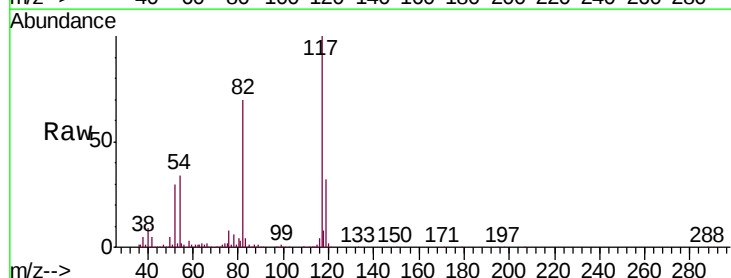
Tgt Ion: 117 Resp: 2227168

Ion Ratio Lower Upper

117 100

82 71.6 51.1 76.7

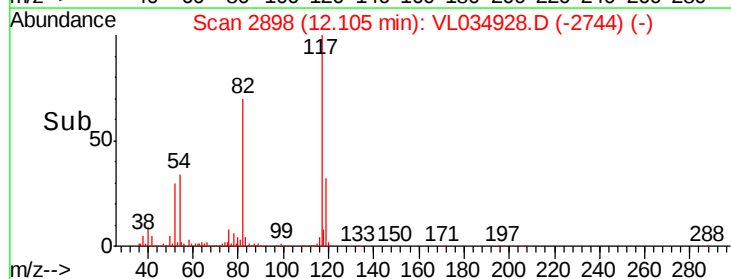
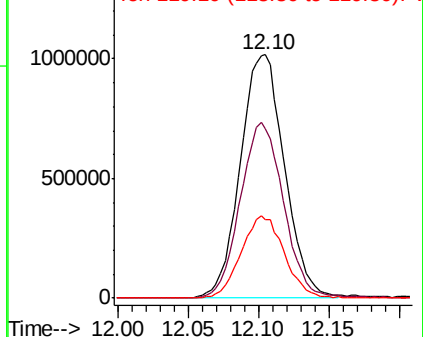
119 33.4 27.3 40.9

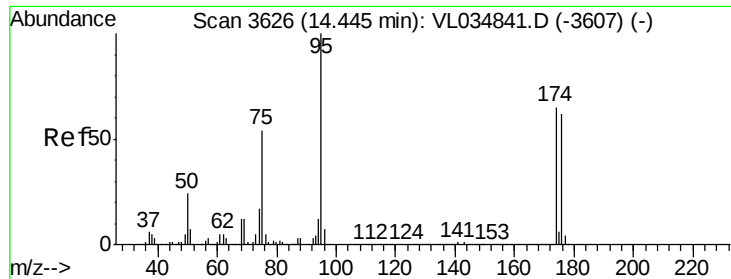


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.654 ppbv

RT: 14.44 min Scan# 3623

Delta R.T. -0.01 min

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VL0323ABL01

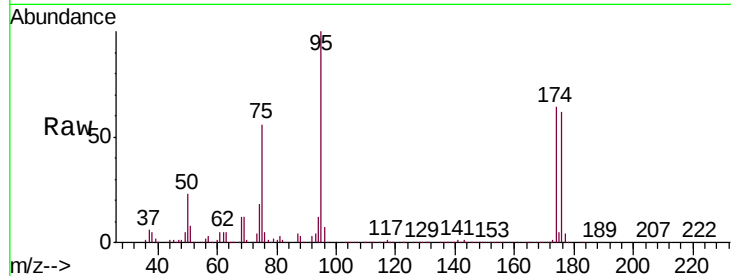
Tgt Ion: 95 Resp: 1850521

Ion Ratio Lower Upper

95 100

174 65.6 55.2 82.8

175 4.7 4.3 6.5



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

