

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040521\
 Data File : VL036678.D
 Acq On : 5 Apr 2021 17:31
 Operator : SY/AP
 Sample : VL0405ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 06 02:00:05 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1359348	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3358832	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2953312	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2279157	9.68	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.80%

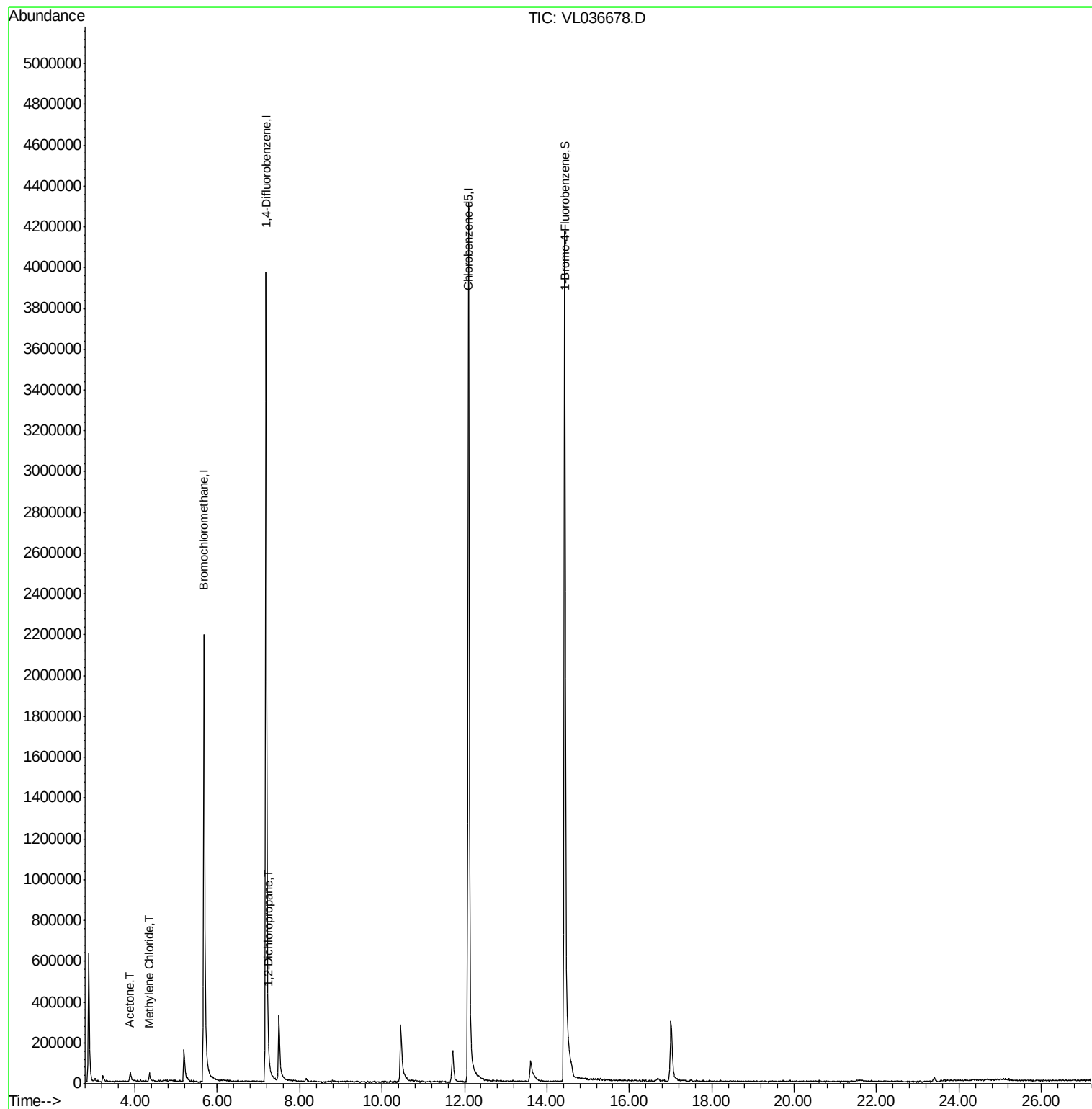
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.88	43	40375	0.302	ppbv #	48
20) Methylene Chloride	4.35	84	9720	0.155	ppbv #	90
39) 1,2-Dichloropropane	7.25	63	10136	0.081	ppbv #	21

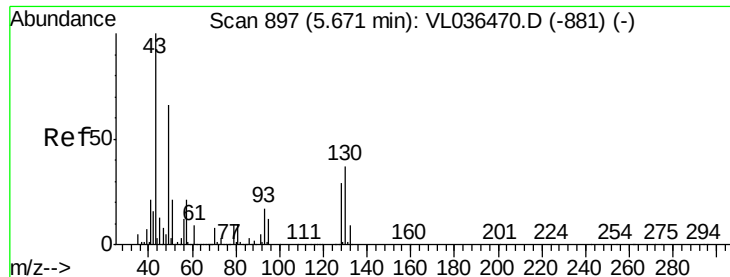
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. 0.01 min

Lab File: VL036678.D

Acq: 5 Apr 2021 17:31

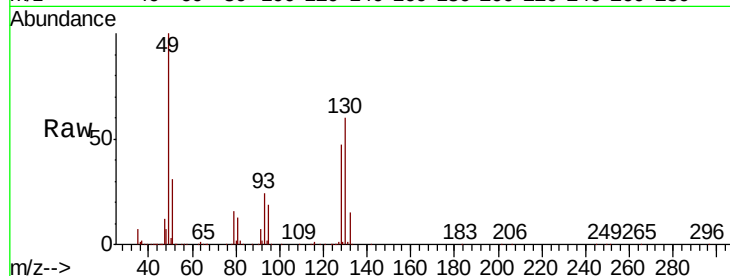
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 49 Resp: 1359348

Ion	Ratio	Lower	Upper
49	100		
128	47.5	23.5	70.6
130	60.4	29.1	87.4

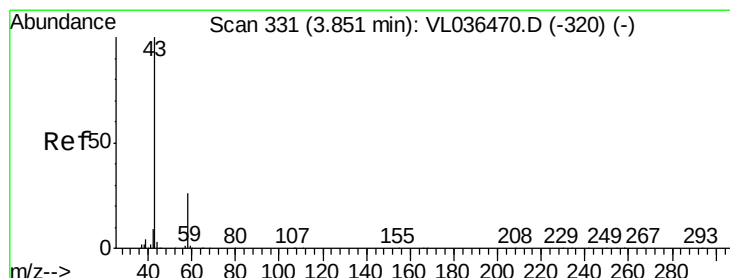
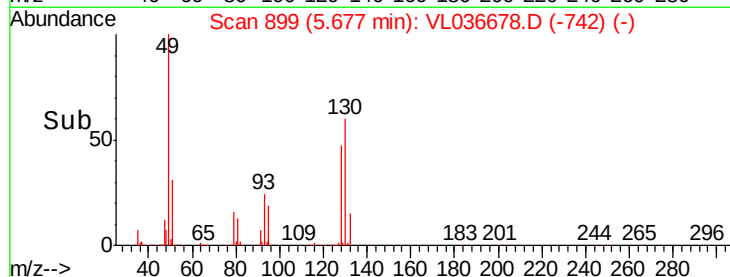
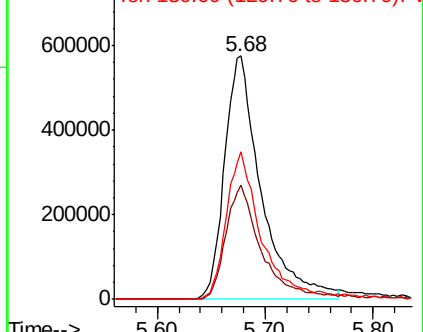


Abundance

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: 0.302 ppbv

RT: 3.88 min Scan# 340

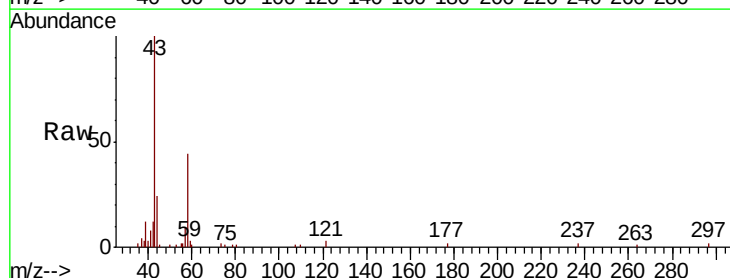
Delta R.T. 0.03 min

Lab File: VL036678.D

Acq: 5 Apr 2021 17:31

Tgt Ion: 43 Resp: 40375

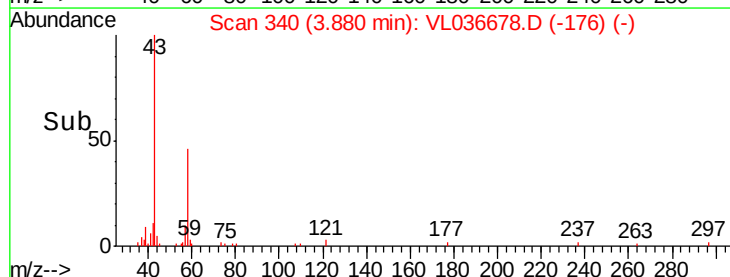
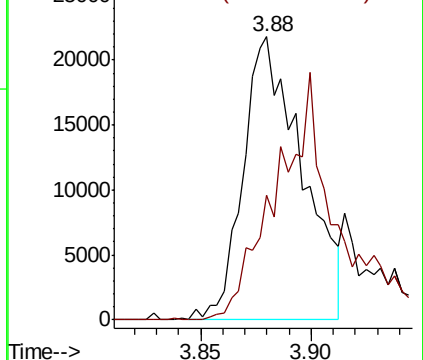
Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.2	31.8#

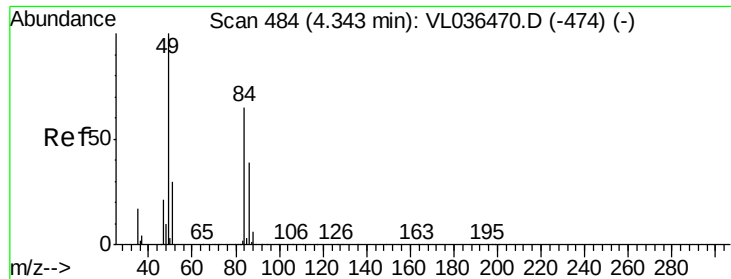


Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

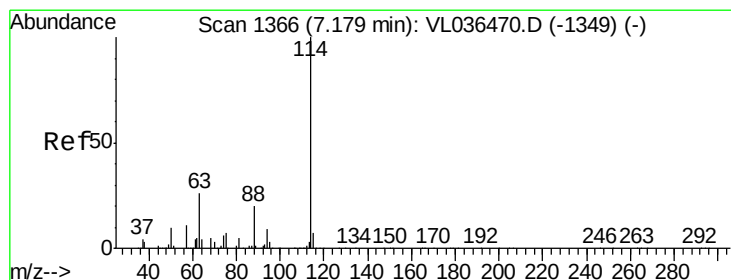
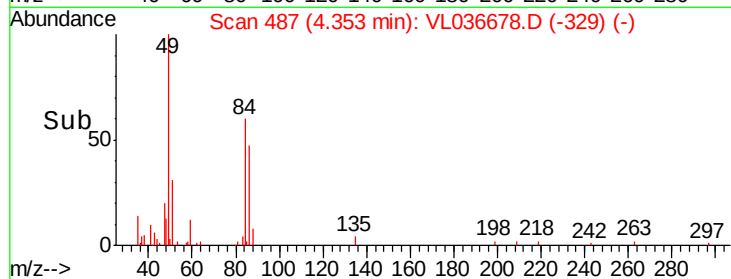
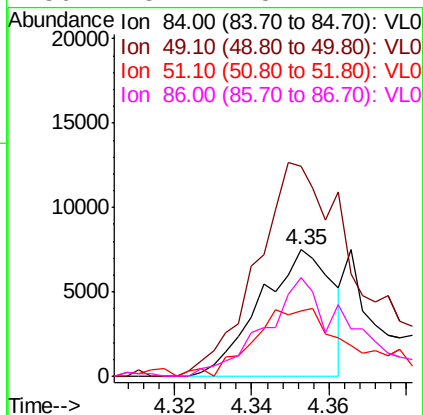
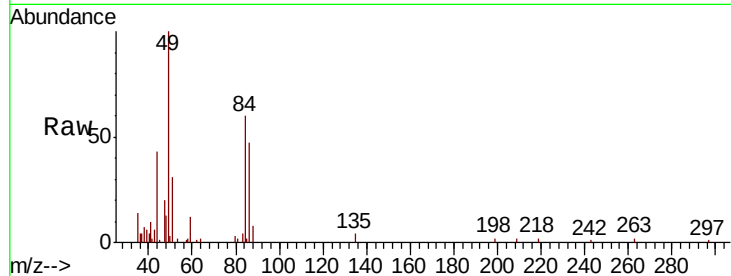




#20
Methylene Chloride
Concen: 0.155 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.01 min
Lab File: VL036678.D
Acq: 5 Apr 2021 17:31

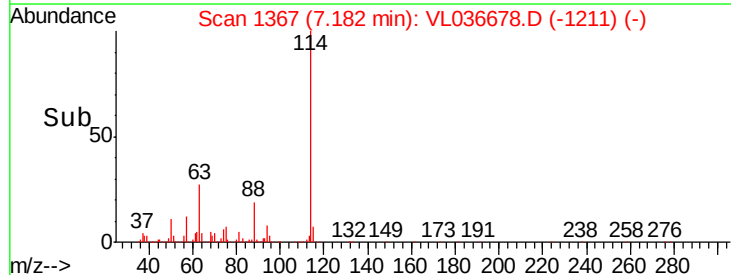
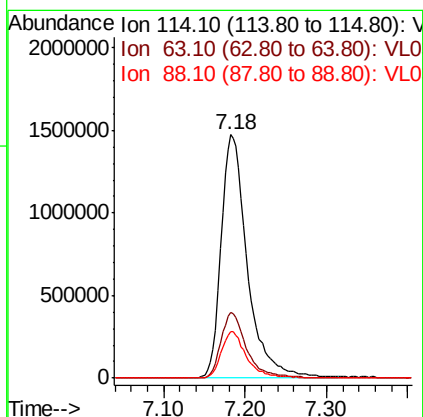
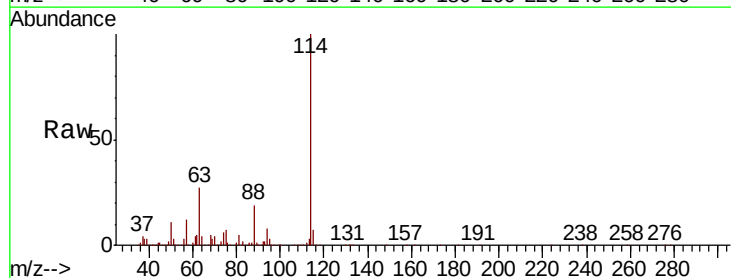
Instrument :
MSVOA_L
ClientSampled :

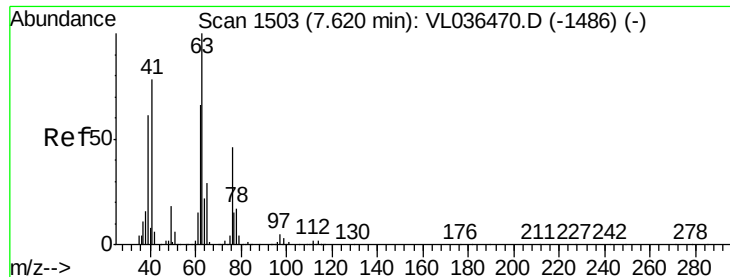
Tot Ion: 84 Resp: 9720
Ion Ratio Lower Upper
84 100
49 162.3 122.9 184.3
51 48.1 36.9 55.3
86 78.1 48.2 72.4#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VL036678.D
Acq: 5 Apr 2021 17:31

Tgt Ion: 114 Resp: 3358832
Ion Ratio Lower Upper
114 100
63 26.8 22.4 33.6
88 18.6 15.4 23.0





#39

1,2-Dichloropropane

Concen: 0.081 ppbv

RT: 7.25 min Scan# 1387

Delta R.T. -0.37 min

Lab File: VL036678.D

Acq: 5 Apr 2021 17:31

Instrument :

MSVOA_L

ClientSampleId :

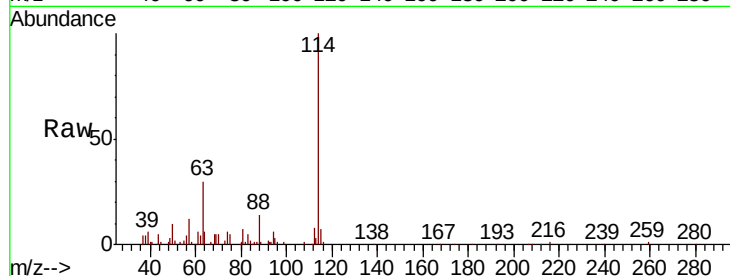
Tot Ion: 63 Resp: 10136

Ion Ratio Lower Upper

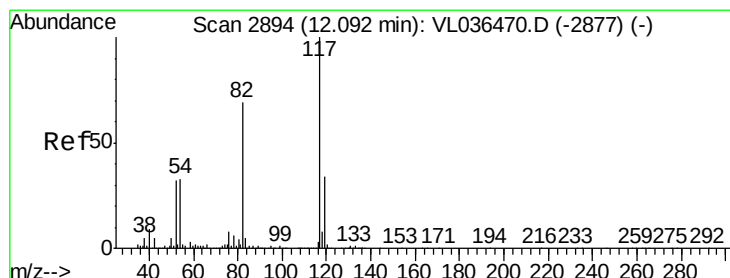
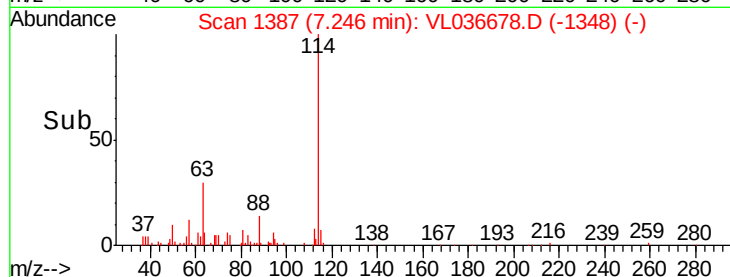
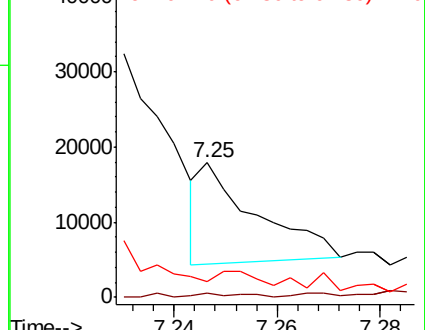
63 100

41 2.3 62.4 93.6#

62 10.7 52.8 79.2#



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: 12.10 min Scan# 2896

Delta R.T. 0.01 min

Lab File: VL036678.D

Acq: 5 Apr 2021 17:31

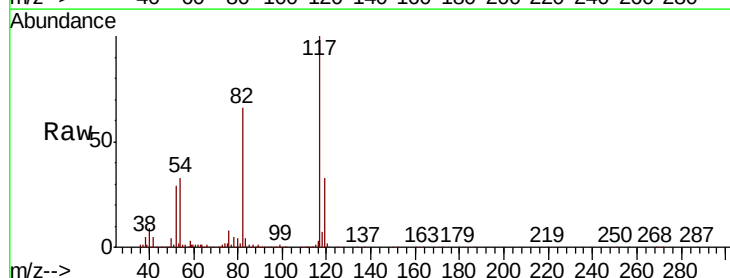
Tgt Ion: 117 Resp: 2953312

Ion Ratio Lower Upper

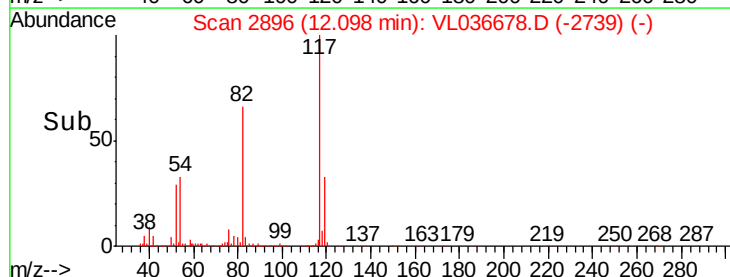
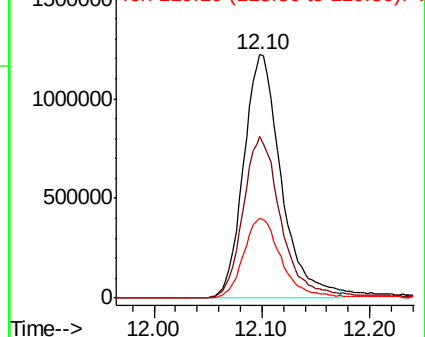
117 100

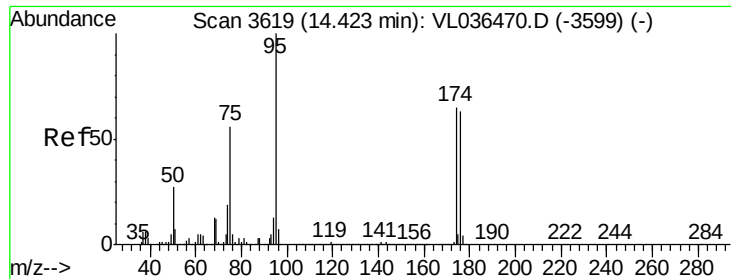
82 69.7 57.4 86.0

119 33.8 47.4 71.0#



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

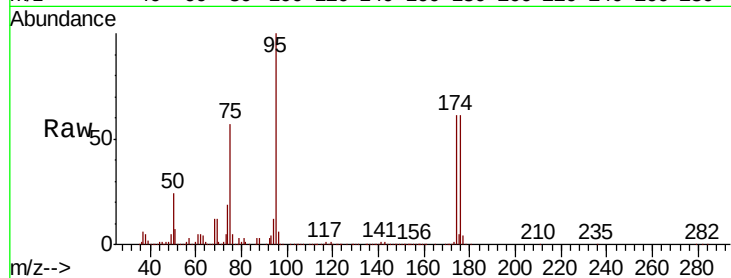




#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.683 ppbv
 RT: 14.43 min Scan# 3621
 Delta R.T. 0.01 min
 Lab File: VL036678.D
 Acq: 5 Apr 2021 17:31

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 95 Resp: 2279157
 Ion Ratio Lower Upper
 95 100
 174 68.3 51.0 76.6
 175 5.2 3.9 5.9



Abundance Ion 95.10 (94.80 to 95.80): VL0
 1200000
 Ion 174.00 (173.70 to 174.70): V
 Ion 175.00 (174.70 to 175.70): V

