

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042021\
 Data File : VL036832.D
 Acq On : 20 Apr 2021 21:50
 Operator : SY/AP
 Sample : OC041421 CAN 10601
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 21 06:39:24 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	1161510	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2863664	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2331485	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1690579	9.10	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.00%

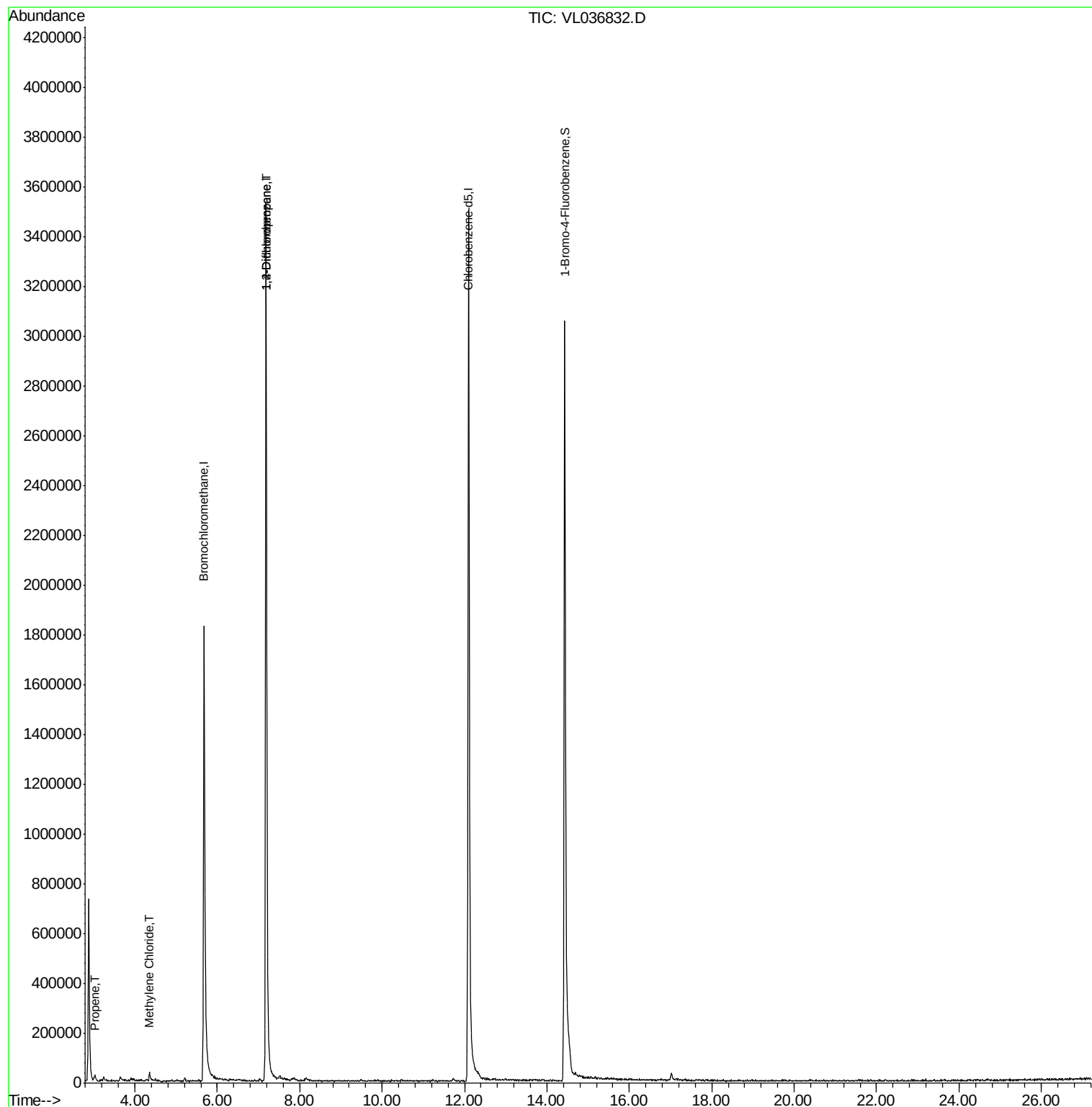
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	3690	0.053	ppbv #	16
20) Methylene Chloride	4.35	84	10233	0.191	ppbv	95
39) 1,2-Dichloropropane	7.18	63	760049	7.094	ppbv #	23

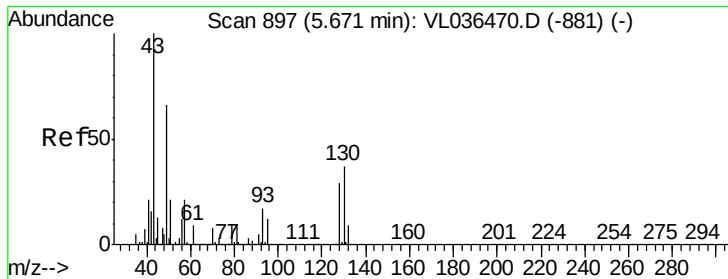
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument:

Delta R.T. MSVOA_L

Lab File:

Acq: 20 Apr 2021 21:50

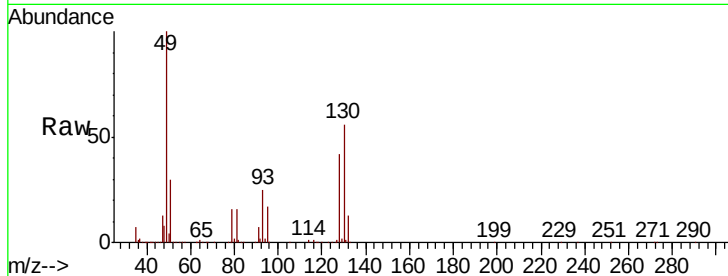
Tot Ion: 49 Resp: 1161510

Ion Ratio Lower Upper

49 100

128 47.6 23.5 70.6

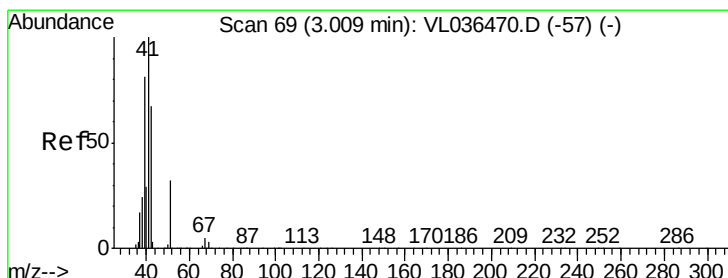
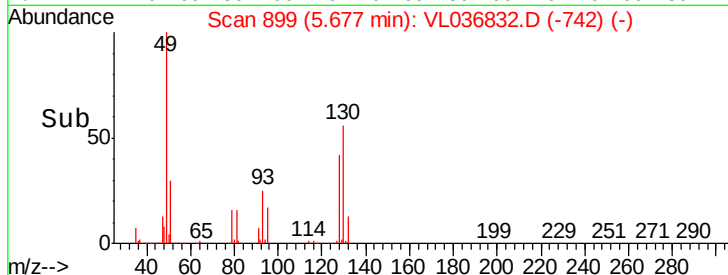
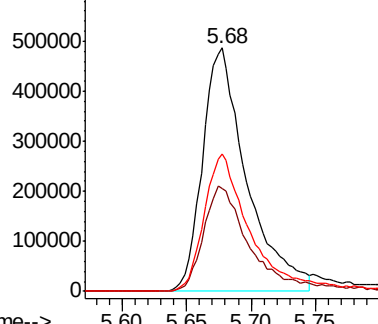
130 60.6 29.1 87.4



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



#9

Propene

Concen: 0.053 ppbv

RT: 3.02 min Scan# 72

Delta R.T. 0.01 min

Lab File: VL036832.D

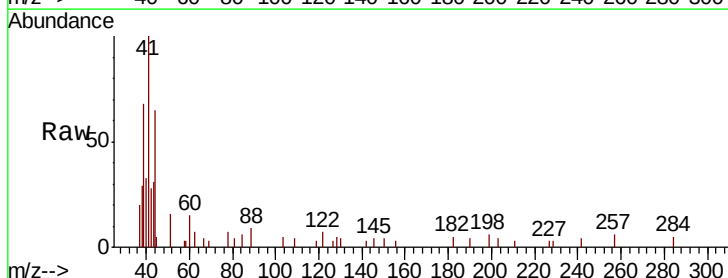
Acq: 20 Apr 2021 21:50

Tgt Ion: 41 Resp: 3690

Ion Ratio Lower Upper

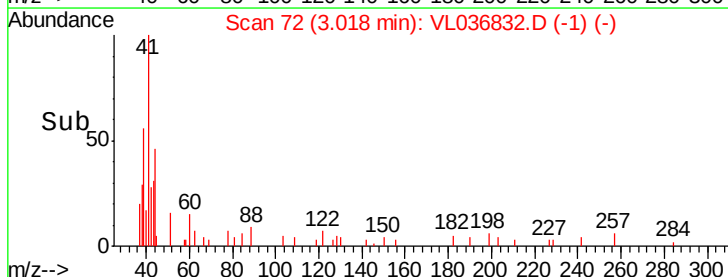
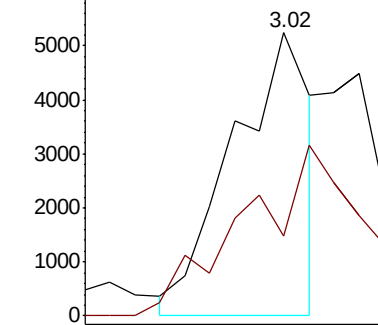
41 100

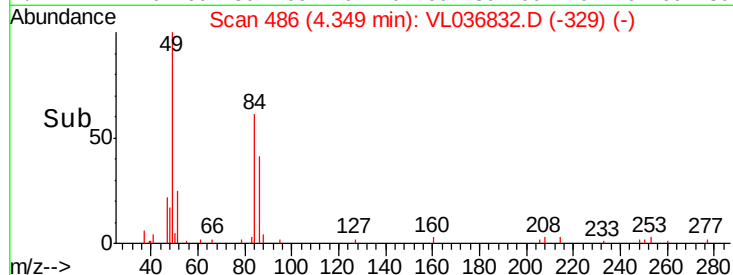
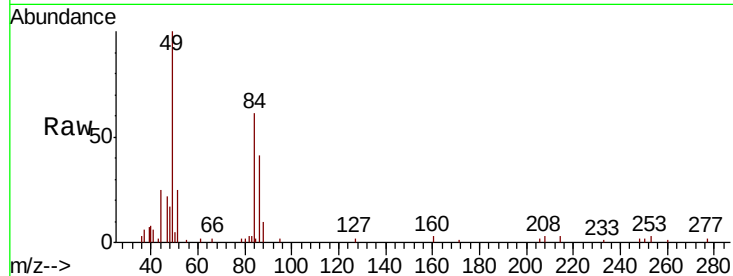
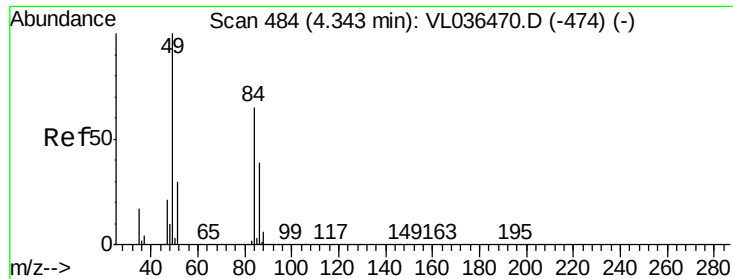
42 140.7 57.0 85.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

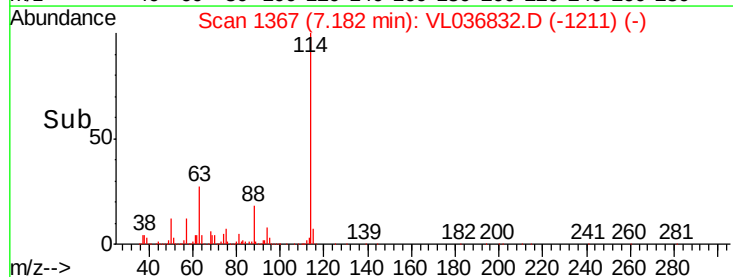
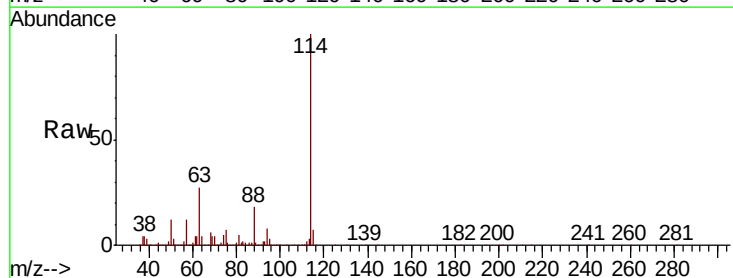
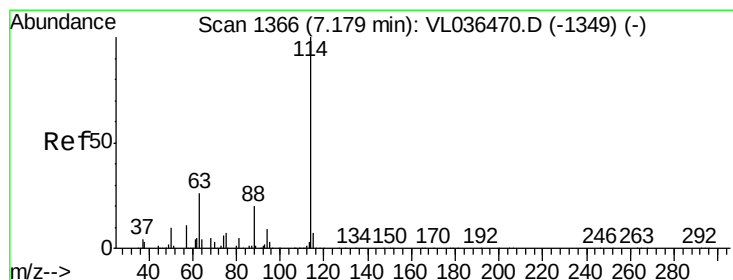
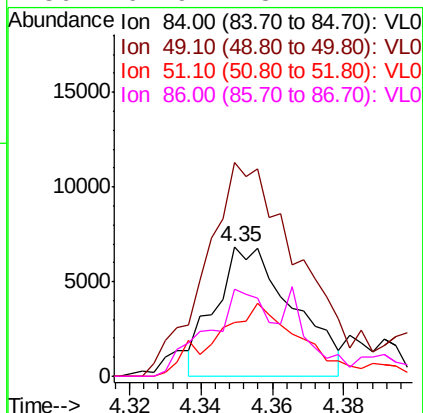
Ion 42.10 (41.80 to 42.80): VL0





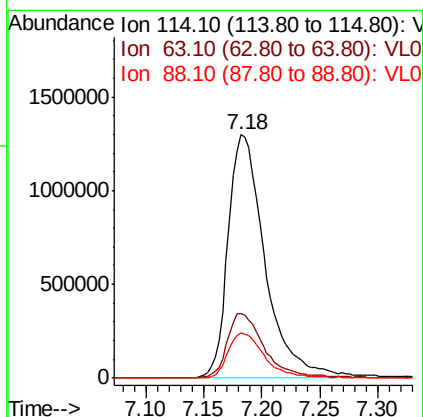
#20
Methylene Chloride
Concen: 0.191 ppbv
RT: 4.35 Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 20 Apr 2021 21:50

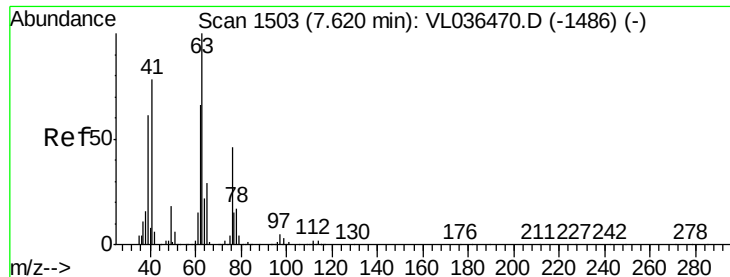
Tot Ion:	84	Resp:	10233
Ion	Ratio	Lower	Upper
84	100		
49	149.9	122.9	184.3
51	37.2	36.9	55.3
86	61.9	48.2	72.4



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T.: 0.00 min
Lab File: VL036832.D
Acq: 20 Apr 2021 21:50

Tgt Ion:	114	Resp:	2863664
Ion	Ratio	Lower	Upper
114	100		
63	27.2	22.4	33.6
88	18.8	15.4	23.0





#39

1,2-Dichloropropane

Concen: 7.094 ppbv

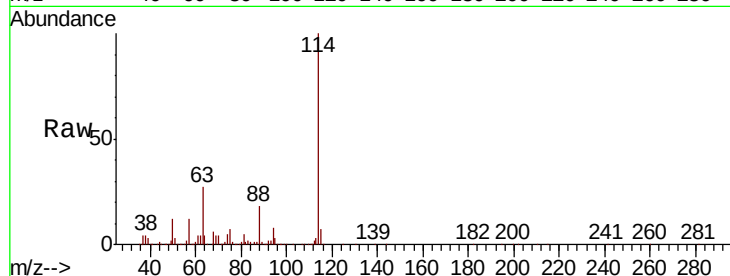
RT: 7.18 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Apr 2021 21:50

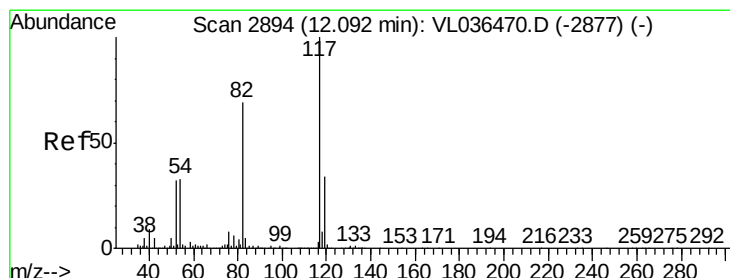
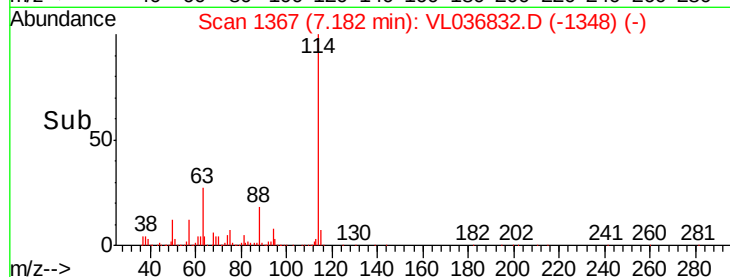
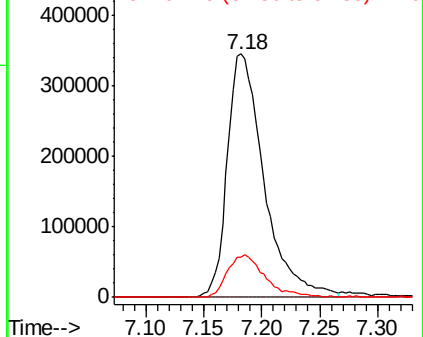
Tot Ion:	63	Resp:	760049
Ion Ratio	Lower	Upper	
63	100		
41	0.0	62.4	93.6#
62	16.4	52.8	79.2#



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

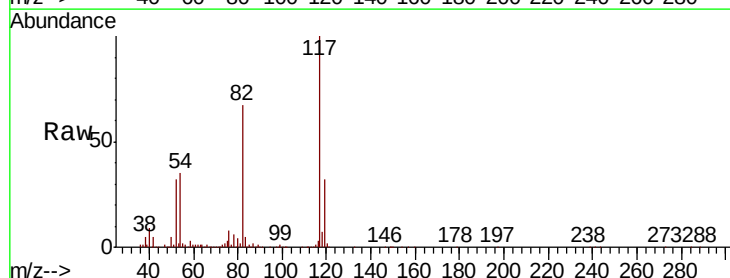
RT: 12.10 min Scan# 2896

Delta R.T. 0.01 min

Lab File: VL036832.D

Acq: 20 Apr 2021 21:50

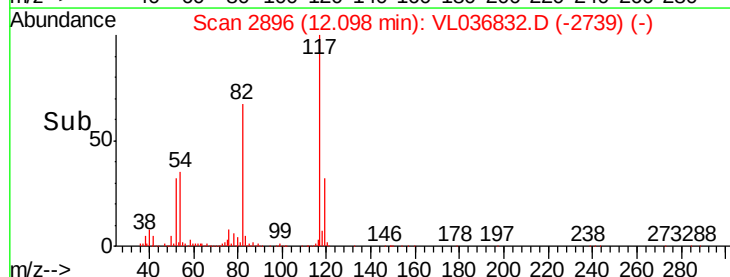
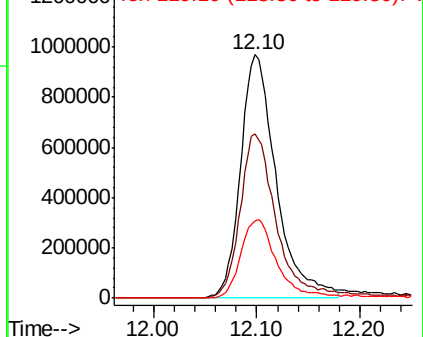
Tgt Ion:	117	Resp:	2331485
Ion Ratio	Lower	Upper	
117	100		
82	71.1	57.4	86.0
119	33.2	47.4	71.0#

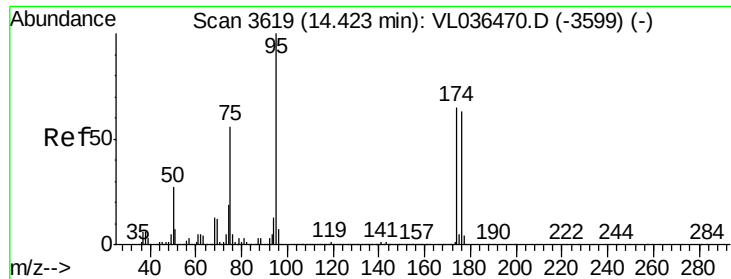


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.098 ppbv

RT: 14.43

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Apr 2021 21:30

Tot Ion: 95 Resp: 1690579

Ion Ratio Lower Upper

95 100

174 66.8 51.0 76.6

175 4.5 3.9 5.9

