

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032621\
 Data File : VL036522.D
 Acq On : 26 Mar 2021 20:29
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 27 03:30:54 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	5.67	49	1394923	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3167476	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2753793	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2194270	10.00	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

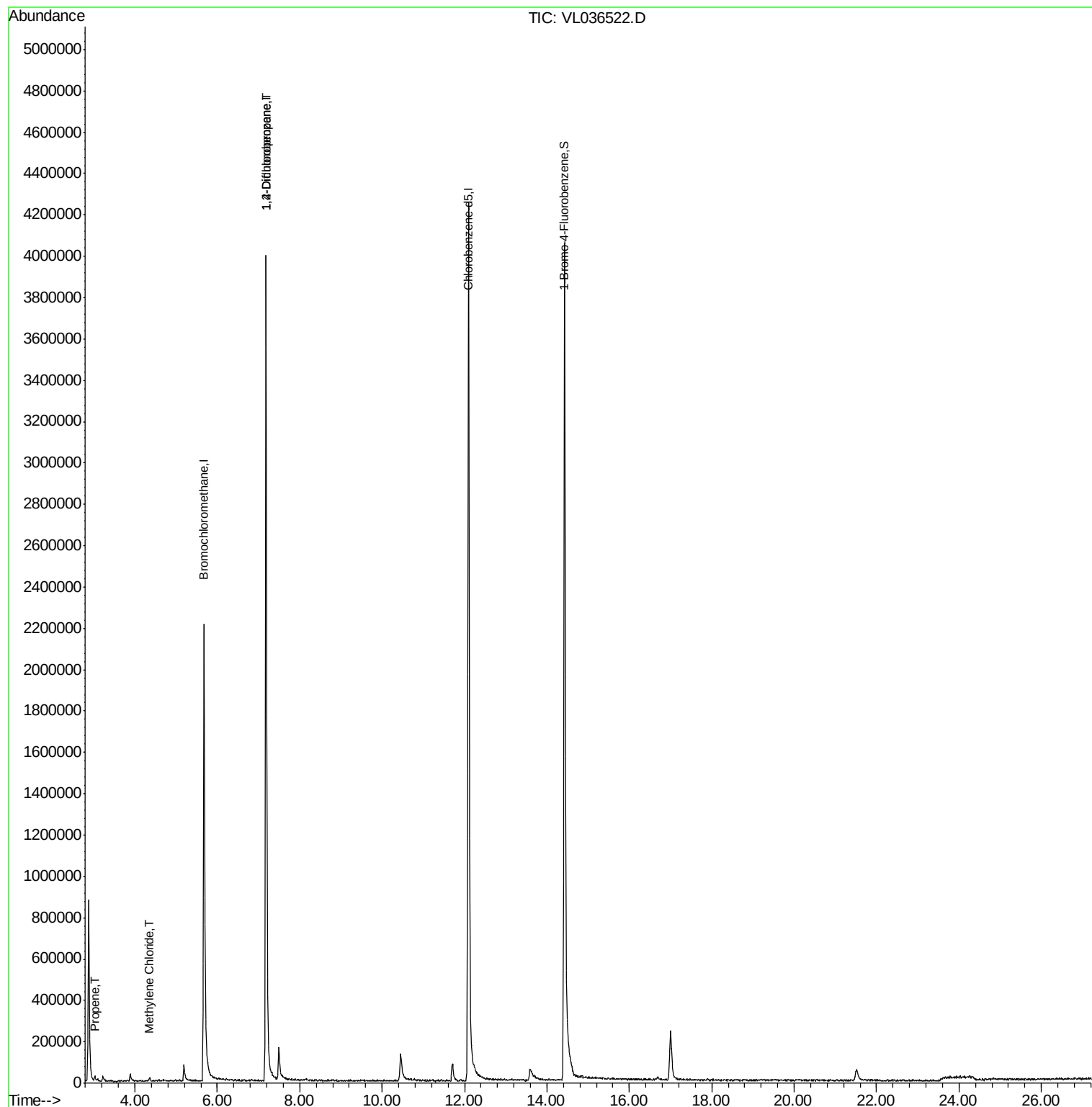
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	4334	0.052	ppbv #	45
20) Methylene Chloride	4.35	84	1665	0.026	ppbv #	34
39) 1,2-Dichloropropane	7.18	63	883927	7.459	ppbv #	24

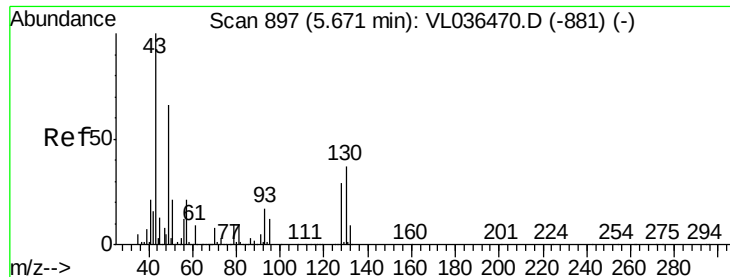
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. 0.00 min

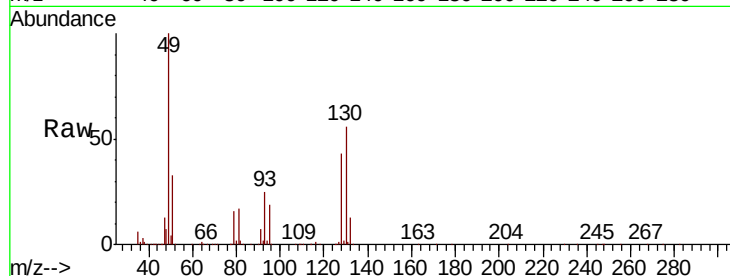
Lab File: VL036522.D

Acq: 26 Mar 2021 20:29

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 49 Resp: 1394923

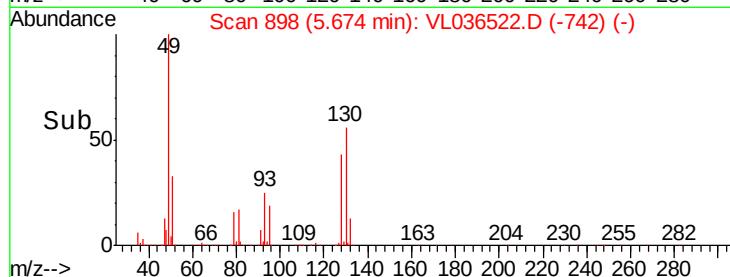
Ion	Ratio	Lower	Upper
49	100		
128	44.6	23.5	70.6
130	56.1	29.1	87.4



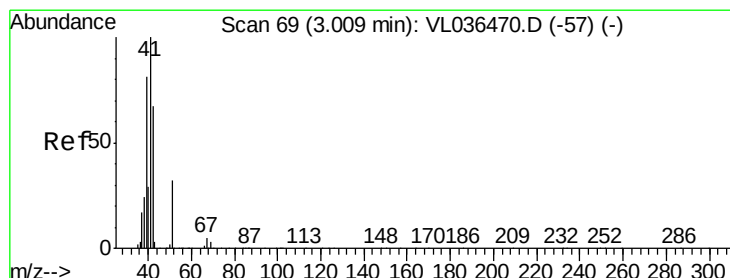
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



Time-->



#9

Propene

Concen: 0.052 ppbv

RT: 3.02 min Scan# 73

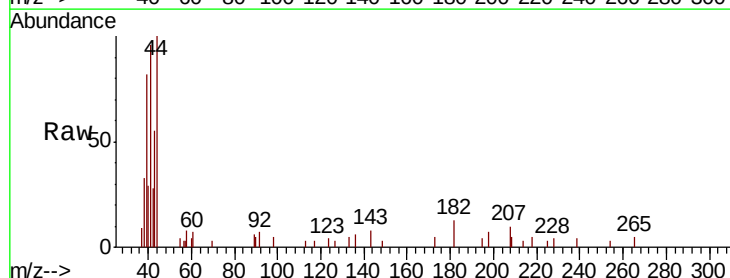
Delta R.T. 0.01 min

Lab File: VL036522.D

Acq: 26 Mar 2021 20:29

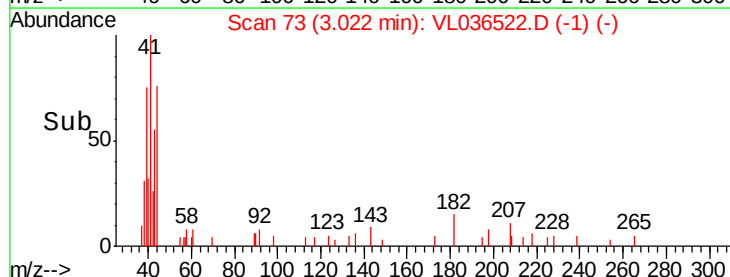
Tgt Ion: 41 Resp: 4334

Ion	Ratio	Lower	Upper
41	100		
42	117.1	57.0	85.4

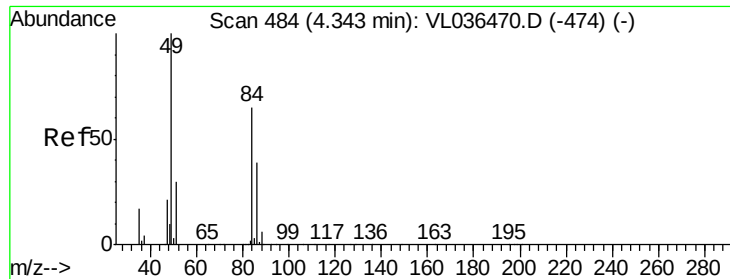


Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



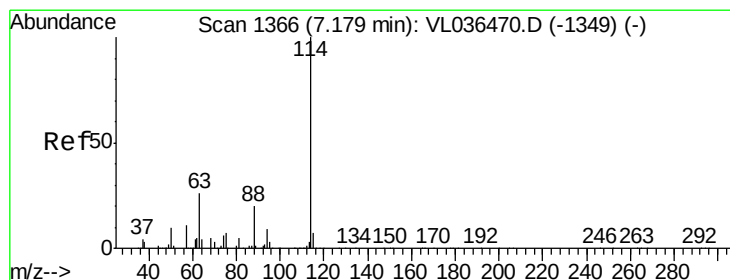
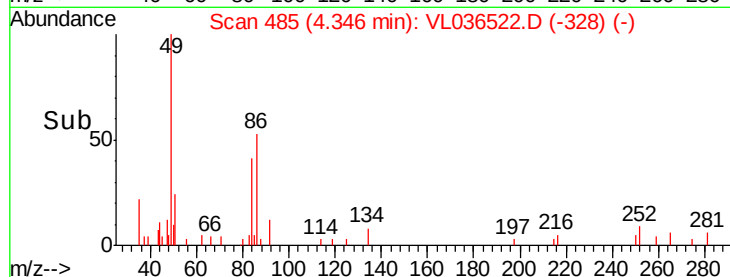
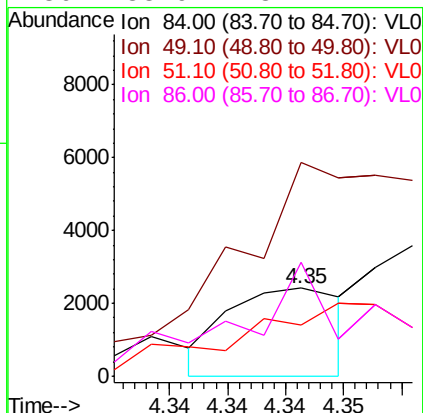
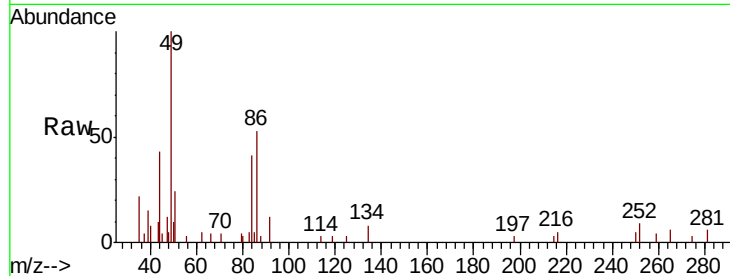
Time-->



#20
Methvlene Chloride
Concen: 0.026 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.00 min
Lab File: VL036522.D
Acq: 26 Mar 2021 20:29

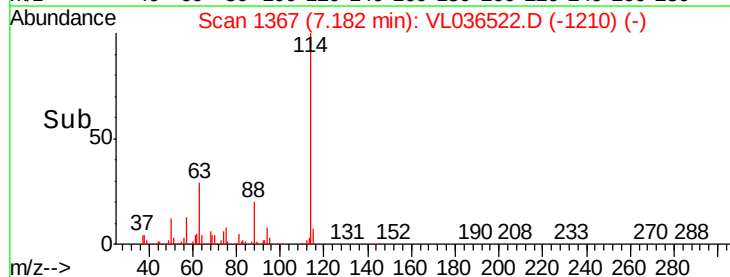
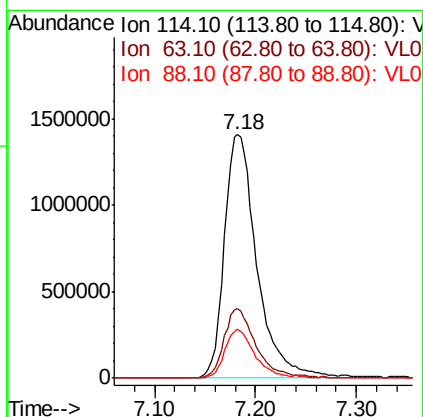
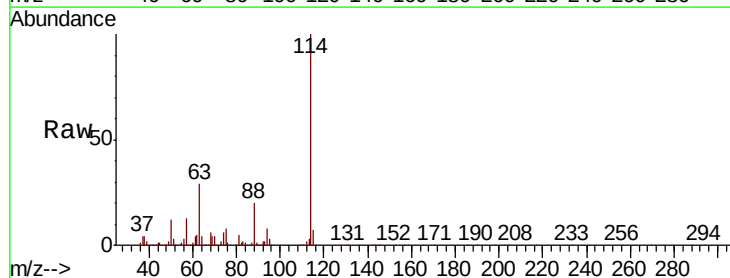
Instrument :
MSVOA_L
ClientSampleId :

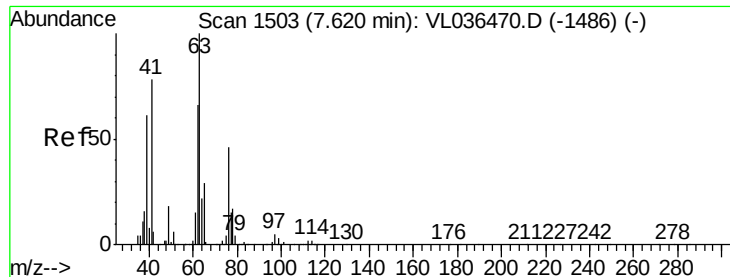
Tot Ion:	84	Resp:	1665
Ion	Ratio	Lower	Upper
84	100		
49	244.2	122.9	184.3#
51	37.3	36.9	55.3
86	133.9	48.2	72.4#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VL036522.D
Acq: 26 Mar 2021 20:29

Tgt Ion:	114	Resp:	3167476
Ion	Ratio	Lower	Upper
114	100		
63	28.3	22.4	33.6
88	18.9	15.4	23.0





#39

1,2-Dichloropropane

Concen: 7.459 ppbv

RT: 7.18 min Scan# 1367

Delta R.T. -0.44 min

Lab File: VL036522.D

Acq: 26 Mar 2021 20:29

Instrument :

MSVOA_L

ClientSampleId :

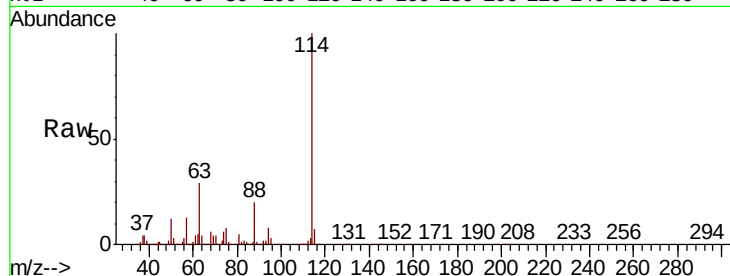
Tot Ion: 63 Resp: 883927

Ion Ratio Lower Upper

63 100

41 0.1 62.4 93.6#

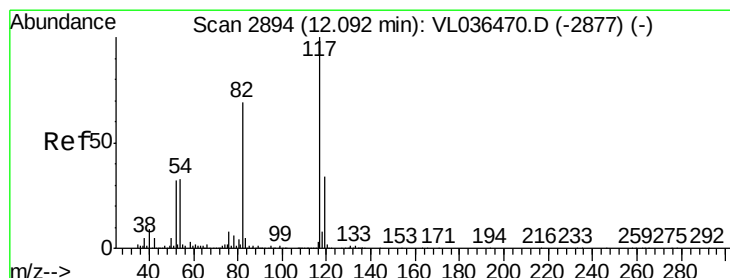
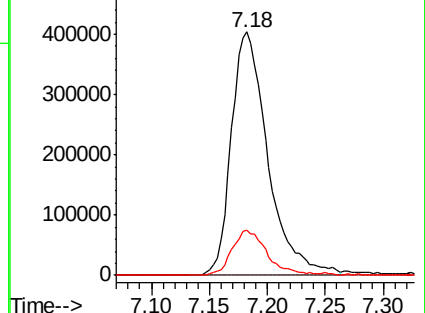
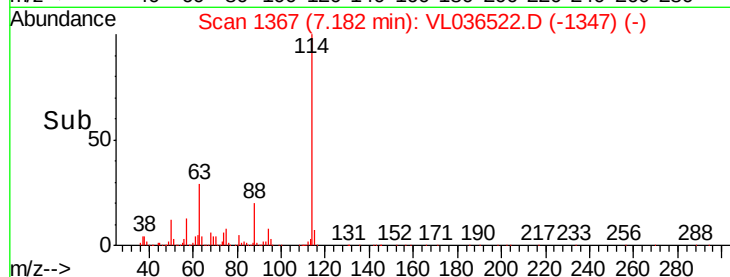
62 18.3 52.8 79.2#



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# 2895

Delta R.T. 0.00 min

Lab File: VL036522.D

Acq: 26 Mar 2021 20:29

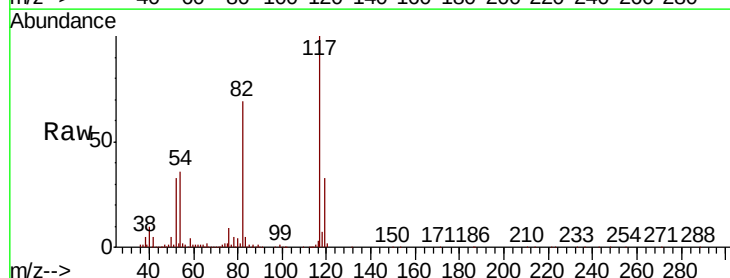
Tgt Ion: 117 Resp: 2753793

Ion Ratio Lower Upper

117 100

82 73.4 57.4 86.0

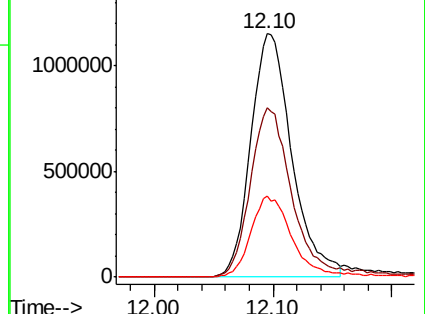
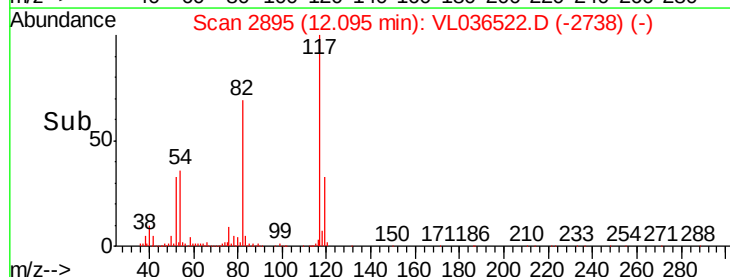
119 34.5 47.4 71.0#

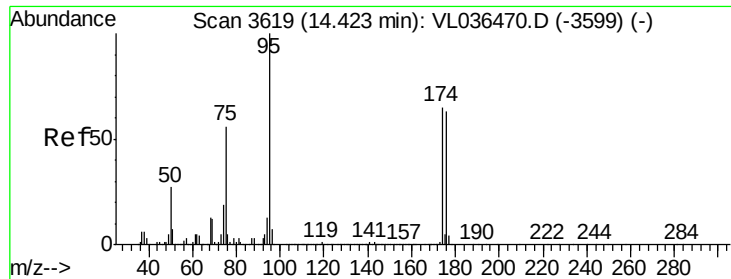


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.998 ppbv

RT: 14.43 min Scan# 3621

Delta R.T. 0.01 min

Lab File: VL036522.D

Acq: 26 Mar 2021 20:29

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 95 Resp: 2194270

Ion Ratio Lower Upper

95 100

174 66.4 51.0 76.6

175 4.4 3.9 5.9

