

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092921\
 Data File : VL037730.D
 Acq On : 29 Sep 2021 13:57
 Operator : SY/AP
 Sample : VL0929ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0929ABL01

Quant Time: Sep 29 22:48:42 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1255809	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.18	114	3703715	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.08	117	3092978	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2119217	9.48	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.80%

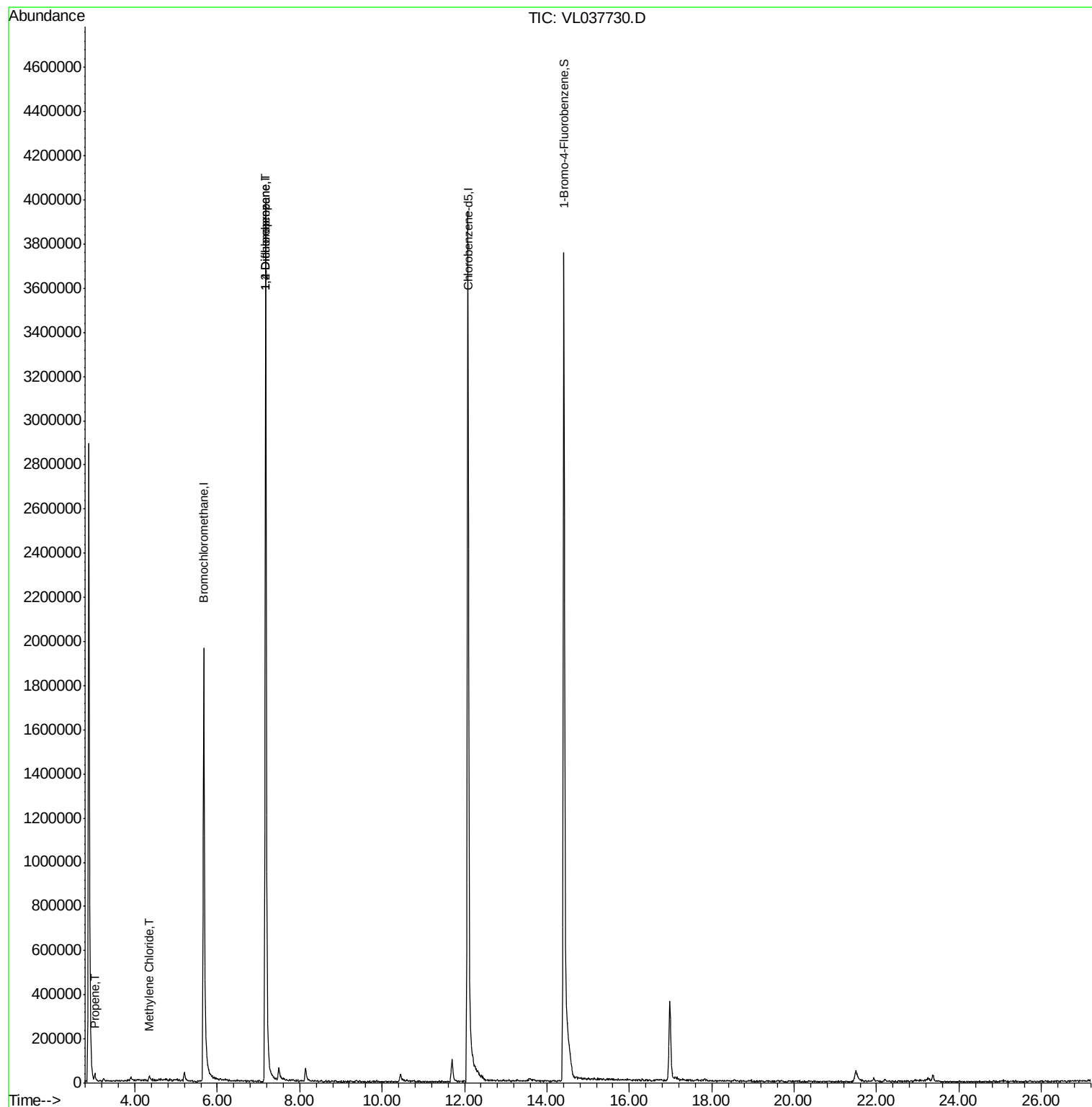
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	4934	0.059	ppbv #	28
20) Methylene Chloride	4.34	84	5123	0.082	ppbv #	62
39) 1,2-Dichloropropane	7.18	63	842622	7.123	ppbv #	26

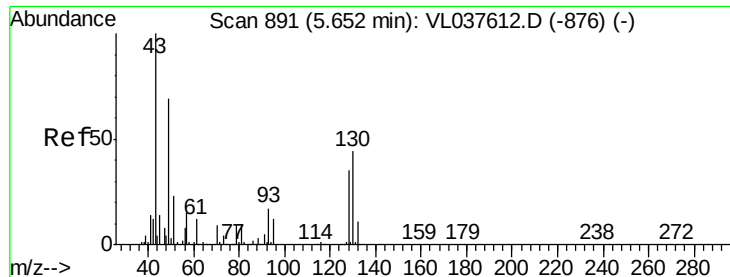
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL092921\
Data File : VL037730.D
Acq On : 29 Sep 2021 13:57
Operator : SY/AP
Sample : VL0929ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0929ABL01

Quant Time: Sep 29 22:48:42 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.01 min

Lab File: VL037730.D

Acq: 29 Sep 2021 13:57

Instrument :

MSVOA_L

ClientSampleId :

VL0929ABL01

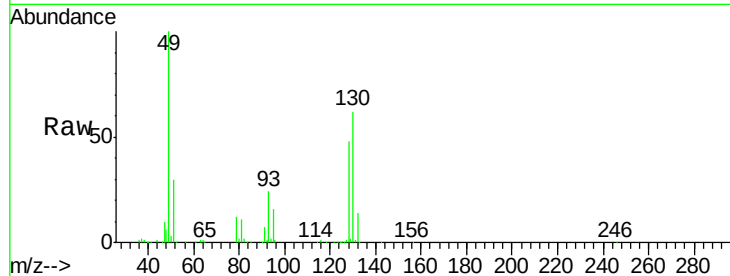
Tgt Ion: 49 Resp: 1255809

Ion Ratio Lower Upper

49 100

128 51.9 27.9 83.6

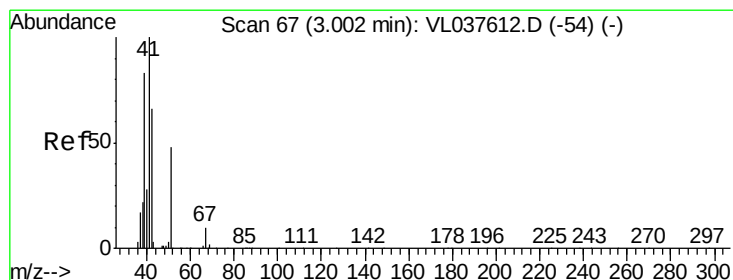
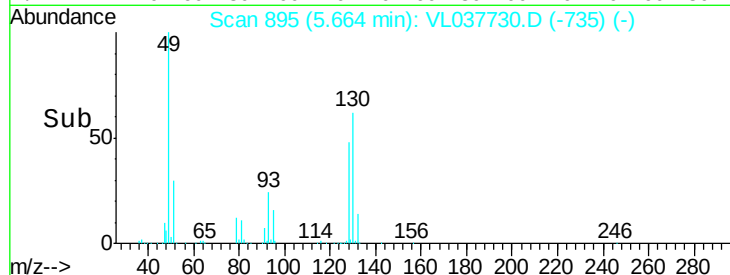
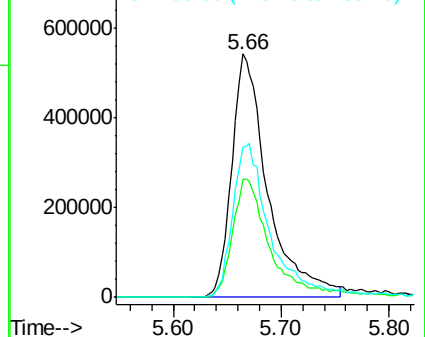
130 67.5 33.9 101.7



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



#9

Propene

Concen: 0.059 ppbv

RT: 3.02 min Scan# 71

Delta R.T. 0.01 min

Lab File: VL037730.D

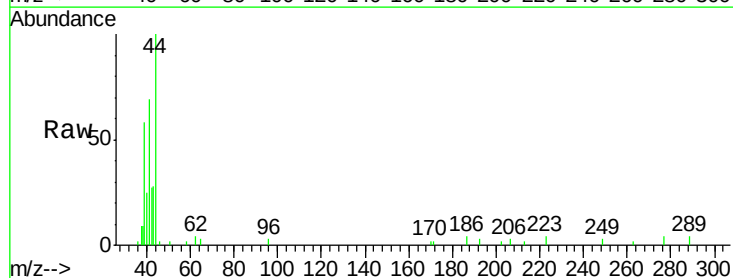
Acq: 29 Sep 2021 13:57

Tgt Ion: 41 Resp: 4934

Ion Ratio Lower Upper

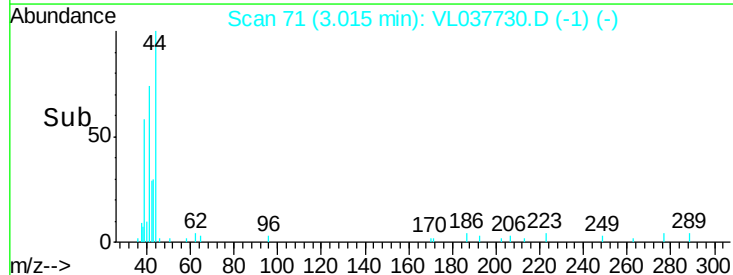
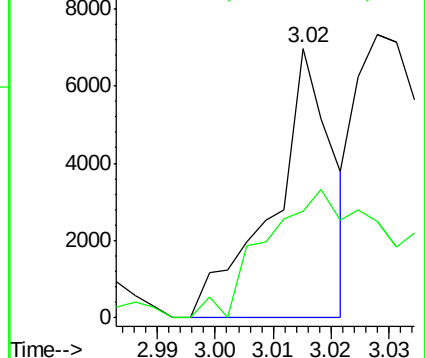
41 100

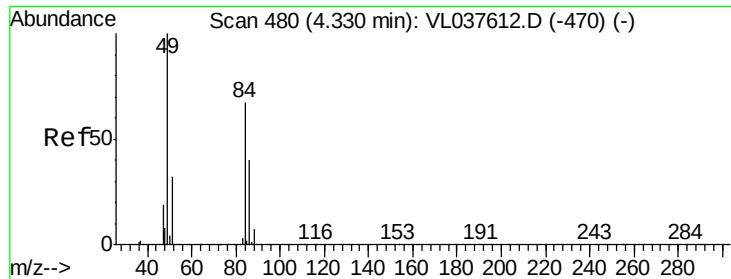
42 131.3 57.2 85.8#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

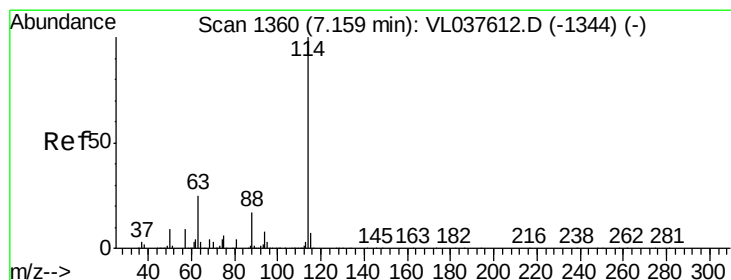
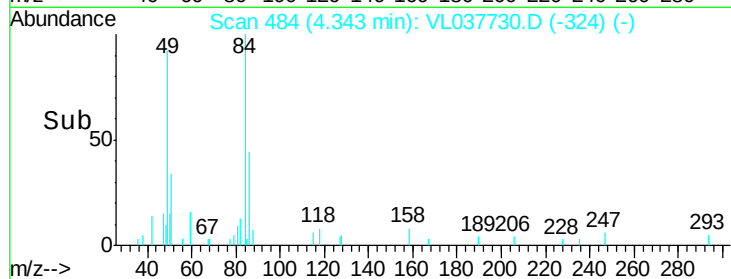
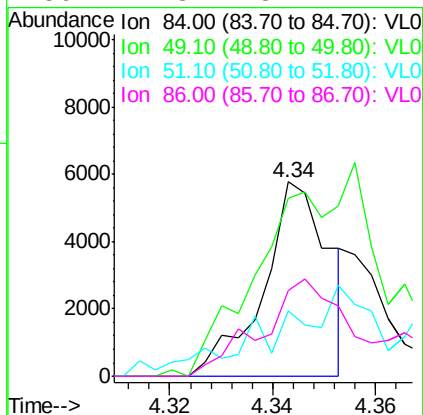
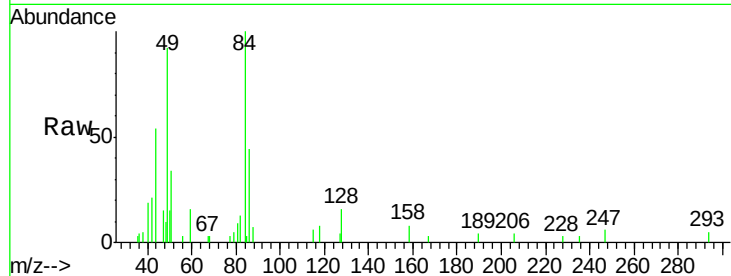




#20
Methylene Chloride
Concen: 0.082 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.01 min
Lab File: VL037730.D
Acq: 29 Sep 2021 13:57

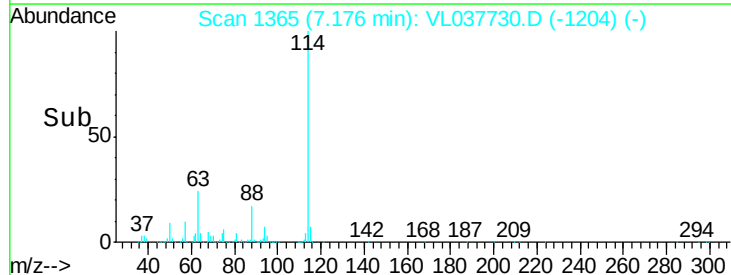
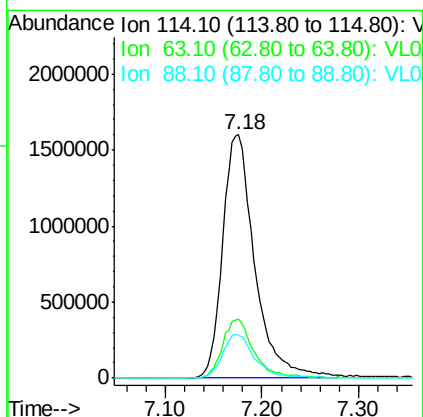
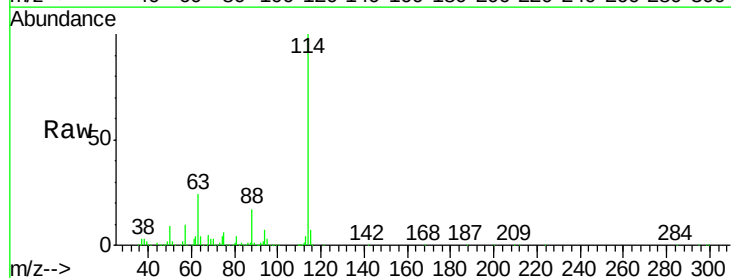
Instrument :
MSVOA_L
ClientSampleId :
VL0929ABL01

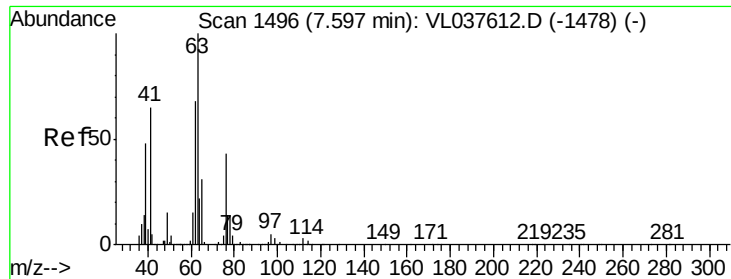
Tgt Ion:	84	Resp:	5123
Ion	Ratio	Lower	Upper
84	100		
49	91.6	120.0	180.0#
51	24.9	38.0	57.0#
86	44.3	48.2	72.2#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. 0.02 min
Lab File: VL037730.D
Acq: 29 Sep 2021 13:57

Tgt Ion:	114	Resp:	3703715
Ion	Ratio	Lower	Upper
114	100		
63	23.9	19.6	29.4
88	18.3	14.2	21.4





#39

1,2-Dichloropropane

Concen: 7.123 ppbv

RT: 7.18 min Scan# 1365

Delta R.T. -0.42 min

Lab File: VL037730.D

Acq: 29 Sep 2021 13:57

Instrument :

MSVOA_L

ClientSampleId :

VL0929ABL01

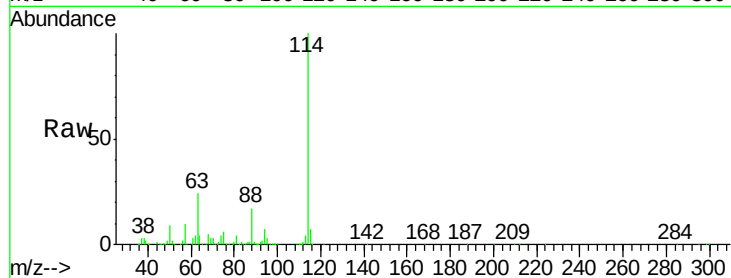
Tgt Ion: 63 Resp: 842622

Ion Ratio Lower Upper

63 100

41 0.1 51.6 77.4#

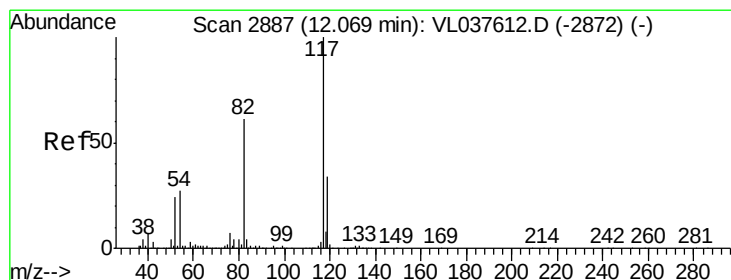
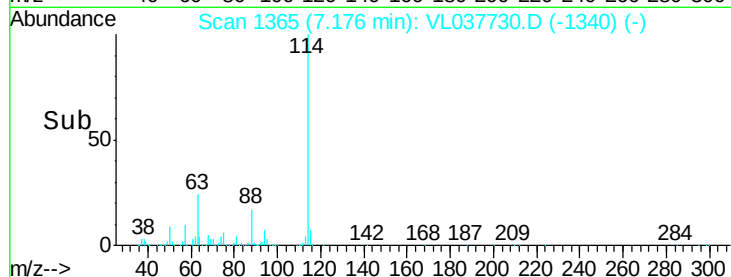
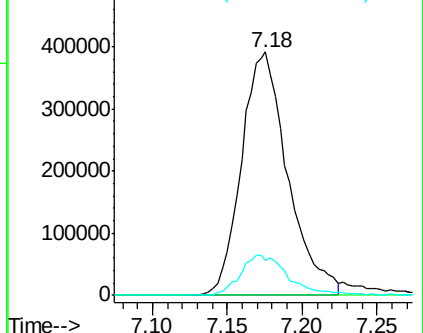
62 14.4 54.6 81.8#



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: 12.08 min Scan# 2891

Delta R.T. 0.01 min

Lab File: VL037730.D

Acq: 29 Sep 2021 13:57

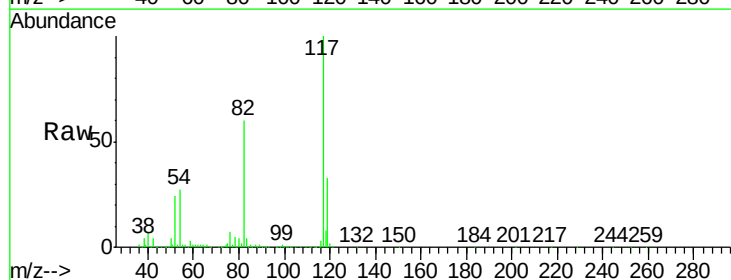
Tgt Ion: 117 Resp: 3092978

Ion Ratio Lower Upper

117 100

82 66.5 50.6 75.8

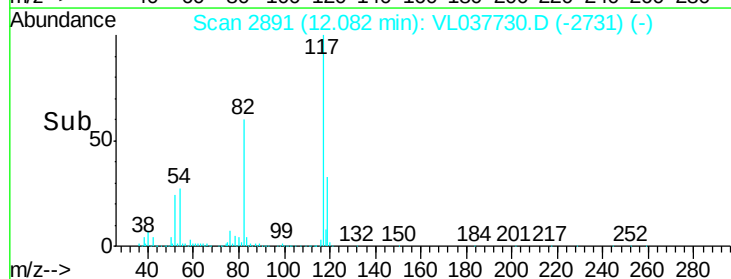
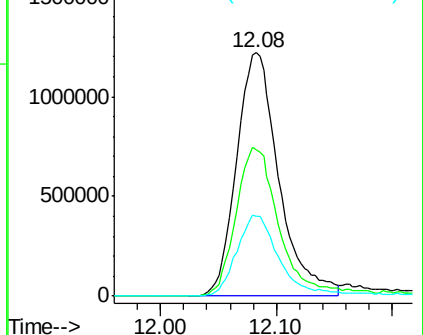
119 34.7 26.2 39.2

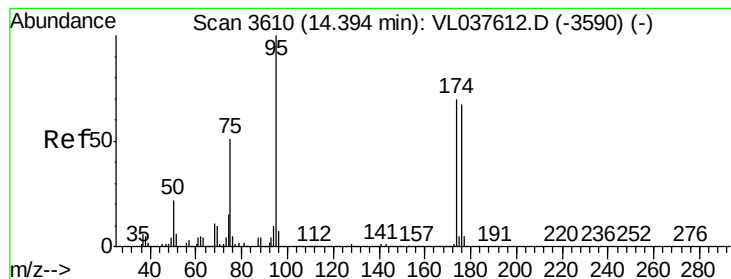


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.481 ppbv

RT: 14.41 min Scan# 3616

Delta R.T. 0.02 min

Lab File: VL037730.D

Acq: 29 Sep 2021 13:57

Instrument :

MSVOA_L

ClientSampleId :

VL0929ABL01

Tgt Ion: 95 Resp: 2119217

Ion Ratio Lower Upper

95 100

174 81.1 56.3 84.5

175 5.8 4.4 6.6

