

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100521\
 Data File : VL037785.D
 Acq On : 5 Oct 2021 22:31
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Oct 06 04:48:45 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 04 17:43:54 2021
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1271631	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	3668756	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	3037041	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	2138435	10.07	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.70%

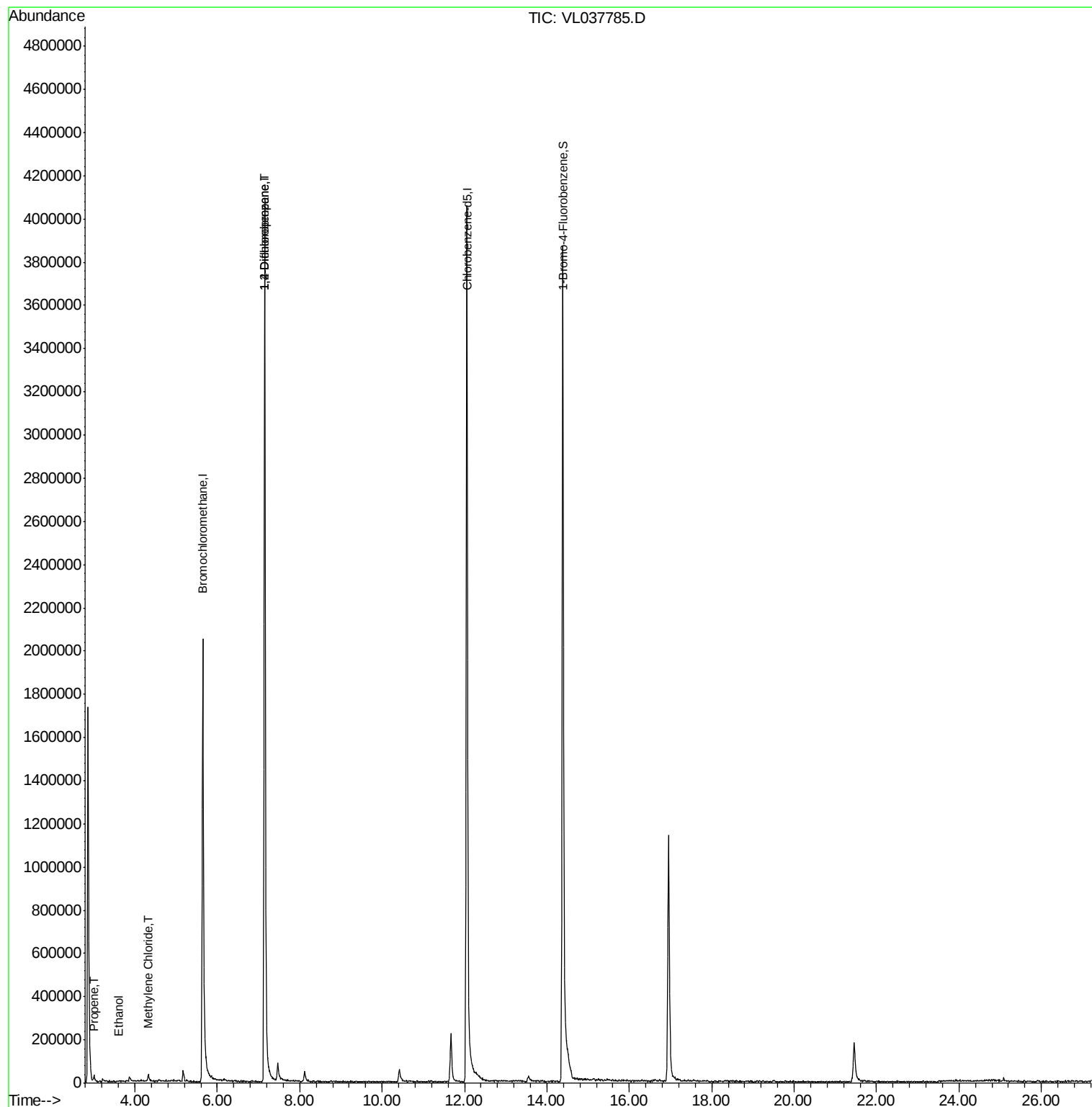
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.00	41	2605	0.029	ppbv #	1
13) Ethanol	3.60	45	284	0.039	ppbv #	27
20) Methylene Chloride	4.32	84	3945	0.068	ppbv #	48
39) 1,2-Dichloropropane	7.15	63	837822	7.108	ppbv #	29

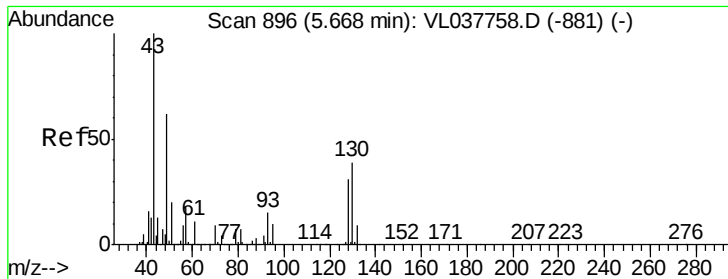
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL100521\
Data File : VL037785.D
Acq On : 5 Oct 2021 22:31
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Oct 06 04:48:45 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 04 17:43:54 2021
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 888

Delta R.T. -0.03 min

Lab File: VL037785.D

Acq: 5 Oct 2021 22:31

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

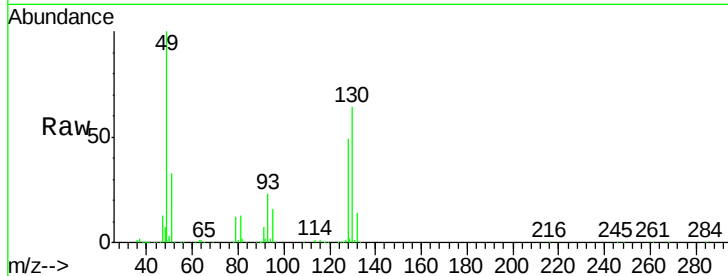
Tgt Ion: 49 Resp: 1271631

Ion Ratio Lower Upper

49 100

128 51.6 27.1 81.3

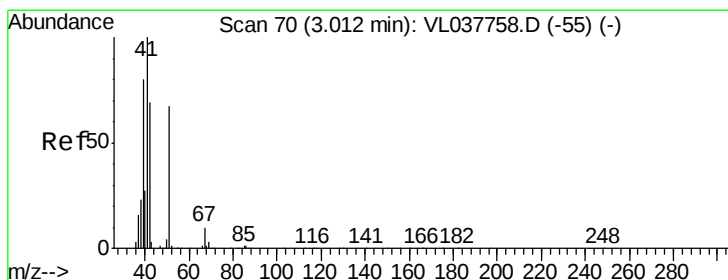
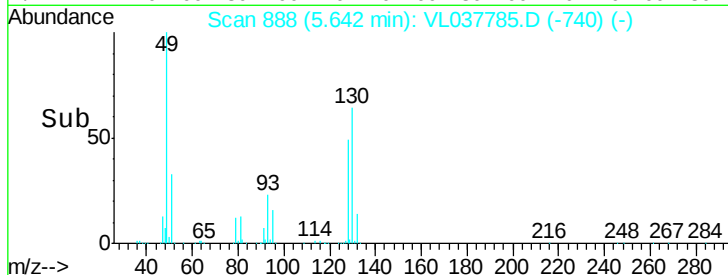
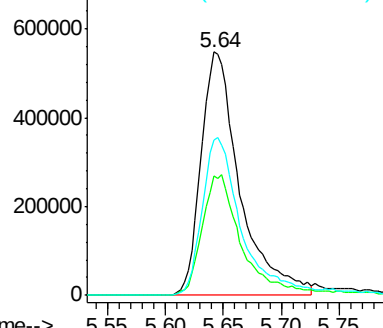
130 68.2 33.2 99.6



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: 0.029 ppbv

RT: 3.00 min Scan# 65

Delta R.T. -0.02 min

Lab File: VL037785.D

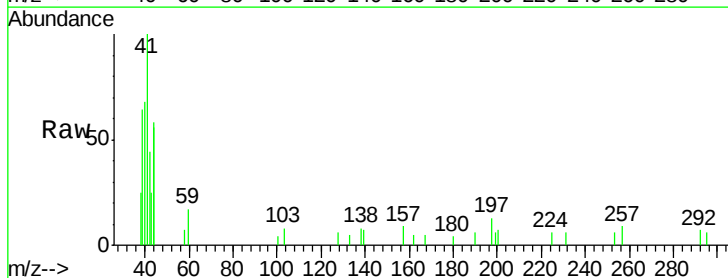
Acq: 5 Oct 2021 22:31

Tgt Ion: 41 Resp: 2605

Ion Ratio Lower Upper

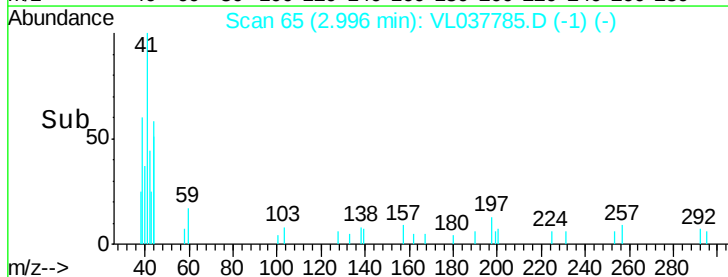
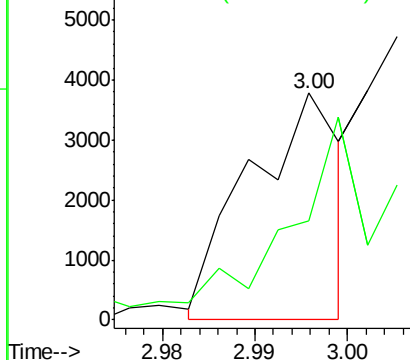
41 100

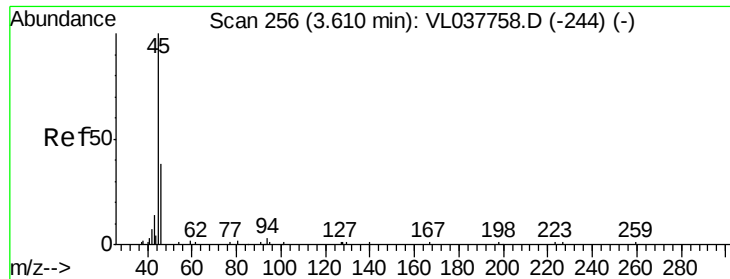
42 198.7 54.2 81.2#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#13

Ethanol

Concen: 0.039 ppbv

RT: 3.60 min Scan# 252

Delta R.T. -0.01 min

Lab File: VL037785.D

Acq: 5 Oct 2021 22:31

Instrument :

MSVOA_L

ClientSampleId :

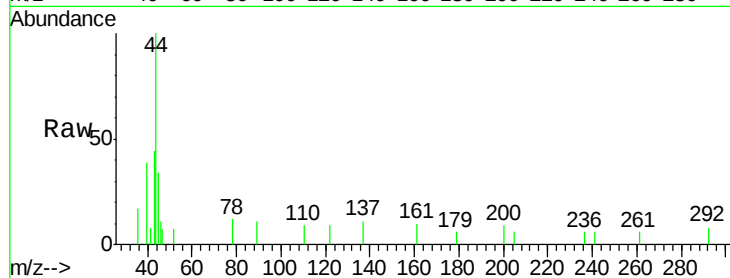
VIBLK

Tgt Ion: 45 Resp: 284

Ion Ratio Lower Upper

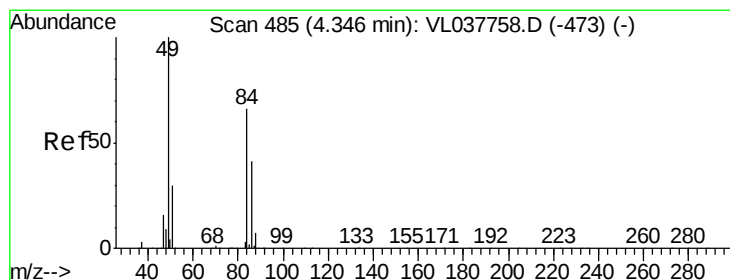
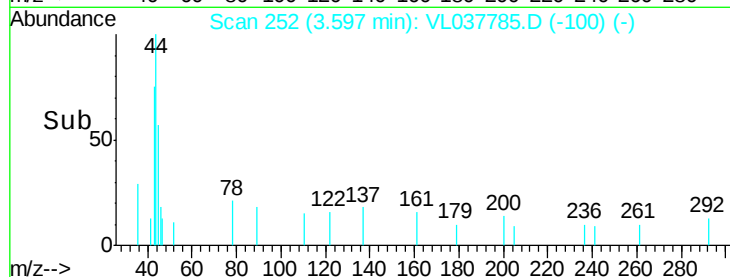
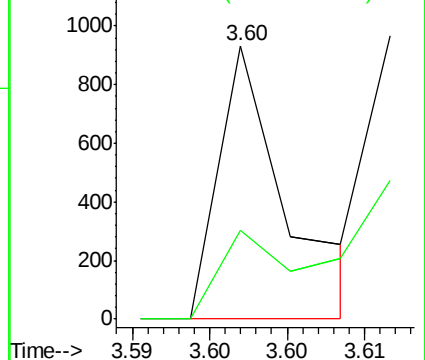
45 100

46 0.0 20.2 81.0#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0



#20

Methylene Chloride

Concen: 0.068 ppbv

RT: 4.32 min Scan# 477

Delta R.T. -0.03 min

Lab File: VL037785.D

Acq: 5 Oct 2021 22:31

Tgt Ion: 84 Resp: 3945

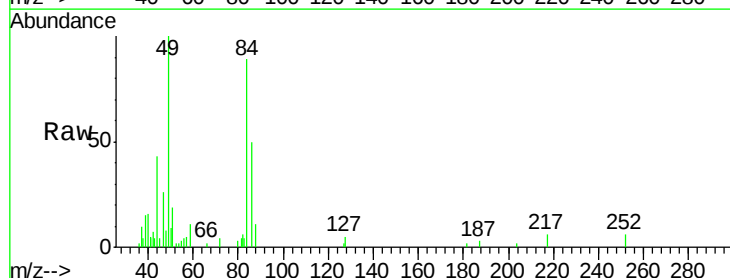
Ion Ratio Lower Upper

84 100

49 65.5 120.7 181.1#

51 8.1 36.2 54.4#

86 53.1 49.6 74.4

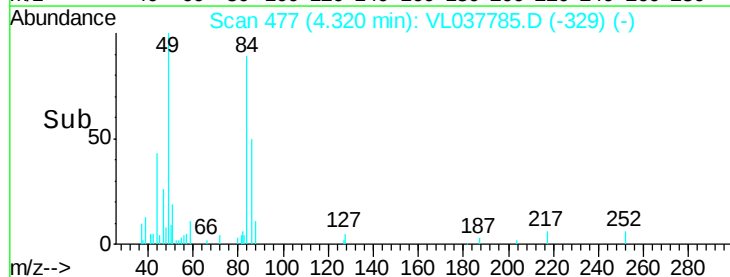
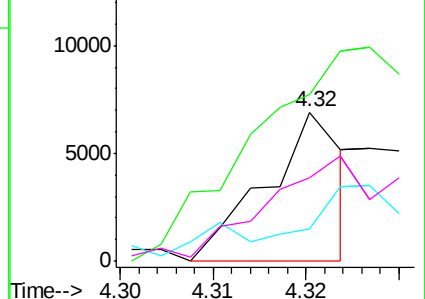


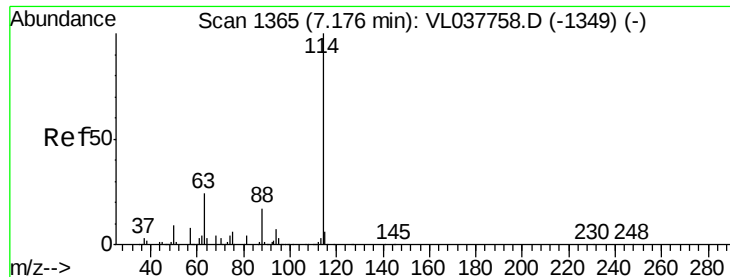
Abundance Ion 84.00 (83.70 to 84.70): VL0

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

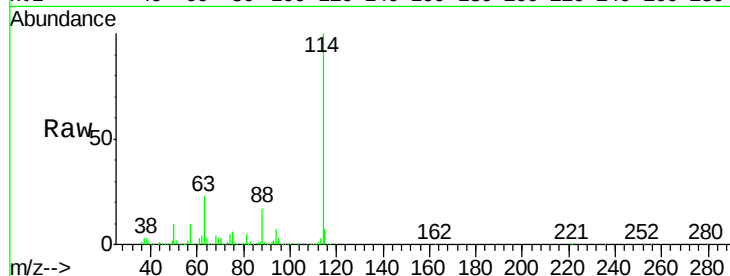




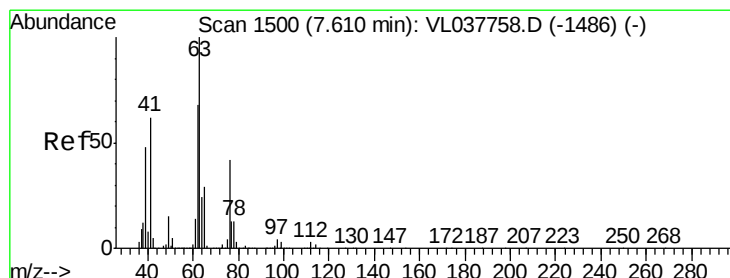
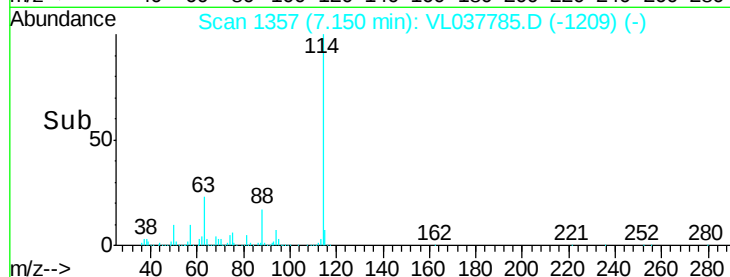
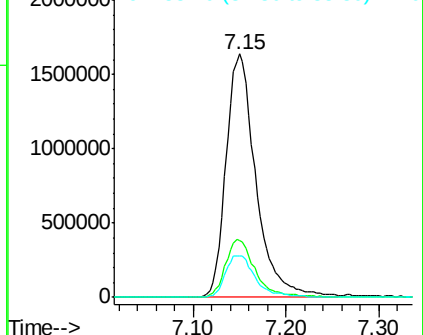
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1357
 Delta R.T. -0.03 min
 Lab File: VL037785.D
 Acq: 5 Oct 2021 22:31

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tgt Ion: 114 Resp: 3668756
 Ion Ratio Lower Upper
 114 100
 63 23.6 19.4 29.2
 88 17.8 14.4 21.6

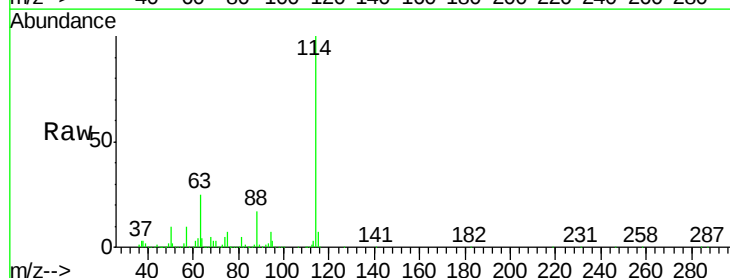


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

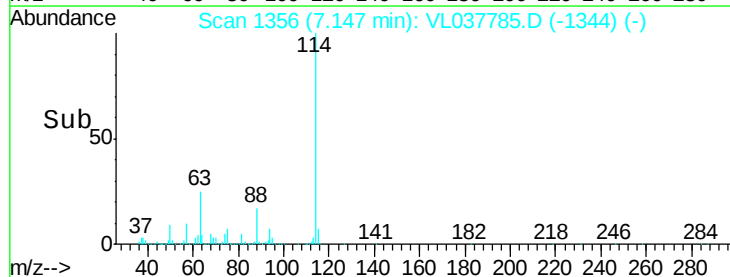
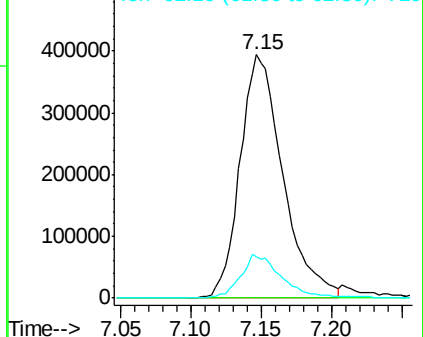


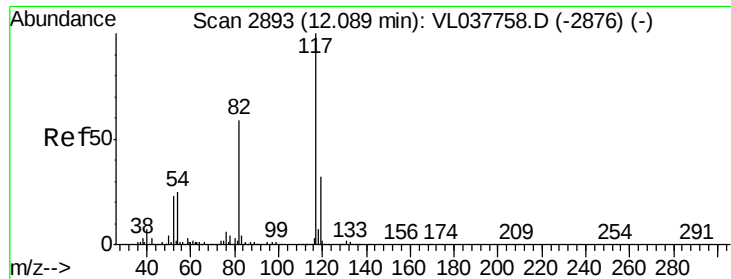
#39
 1,2-Dichloropropane
 Concen: 7.108 ppbv
 RT: 7.15 min Scan# 1356
 Delta R.T. -0.46 min
 Lab File: VL037785.D
 Acq: 5 Oct 2021 22:31

Tgt Ion: 63 Resp: 837822
 Ion Ratio Lower Upper
 63 100
 41 0.3 49.8 74.6#
 62 17.1 54.6 82.0#



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: 12.06 min Scan# 2883

Delta R.T. -0.03 min

Lab File: VL037785.D

Acq: 5 Oct 2021 22:31

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

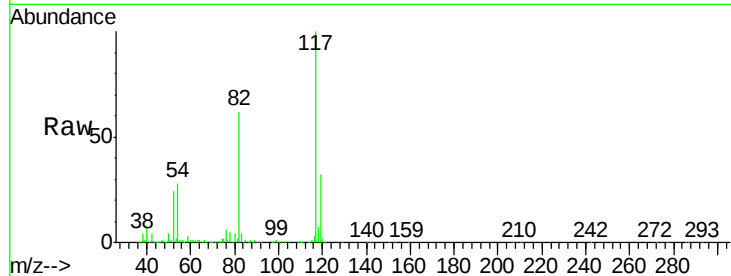
Tgt Ion:117 Resp: 3037041

Ion Ratio Lower Upper

117 100

82 65.0 52.2 78.2

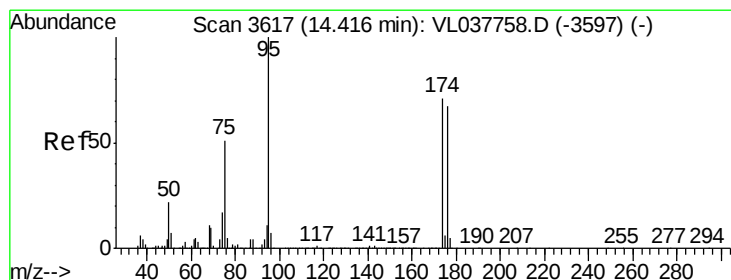
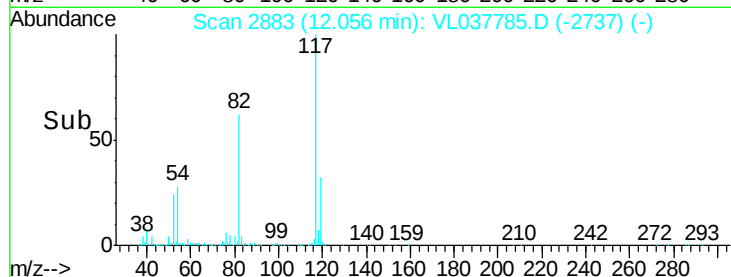
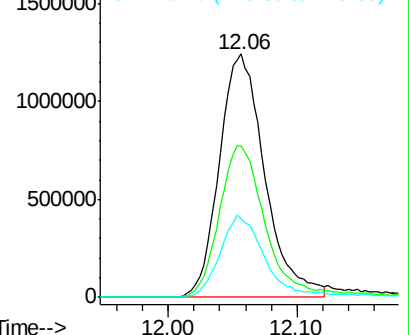
119 34.2 26.0 39.0



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: 10.069 ppbv

RT: 14.38 min Scan# 3607

Delta R.T. -0.03 min

Lab File: VL037785.D

Acq: 5 Oct 2021 22:31

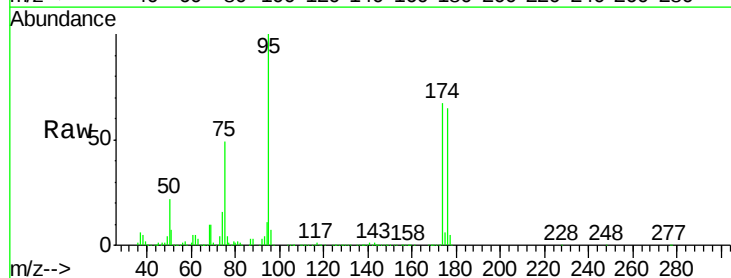
Tgt Ion: 95 Resp: 2138435

Ion Ratio Lower Upper

95 100

174 74.9 57.8 86.6

175 5.4 4.7 7.1



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

