

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051921\
 Data File : VL036986.D
 Acq On : 19 May 2021 11:09
 Operator : SY/AP
 Sample : VL0519ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0519ABL01

Quant Time: May 20 06:27:22 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 12:00:15 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1230690	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	3661862	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3282401	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2370837	9.61	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.10%

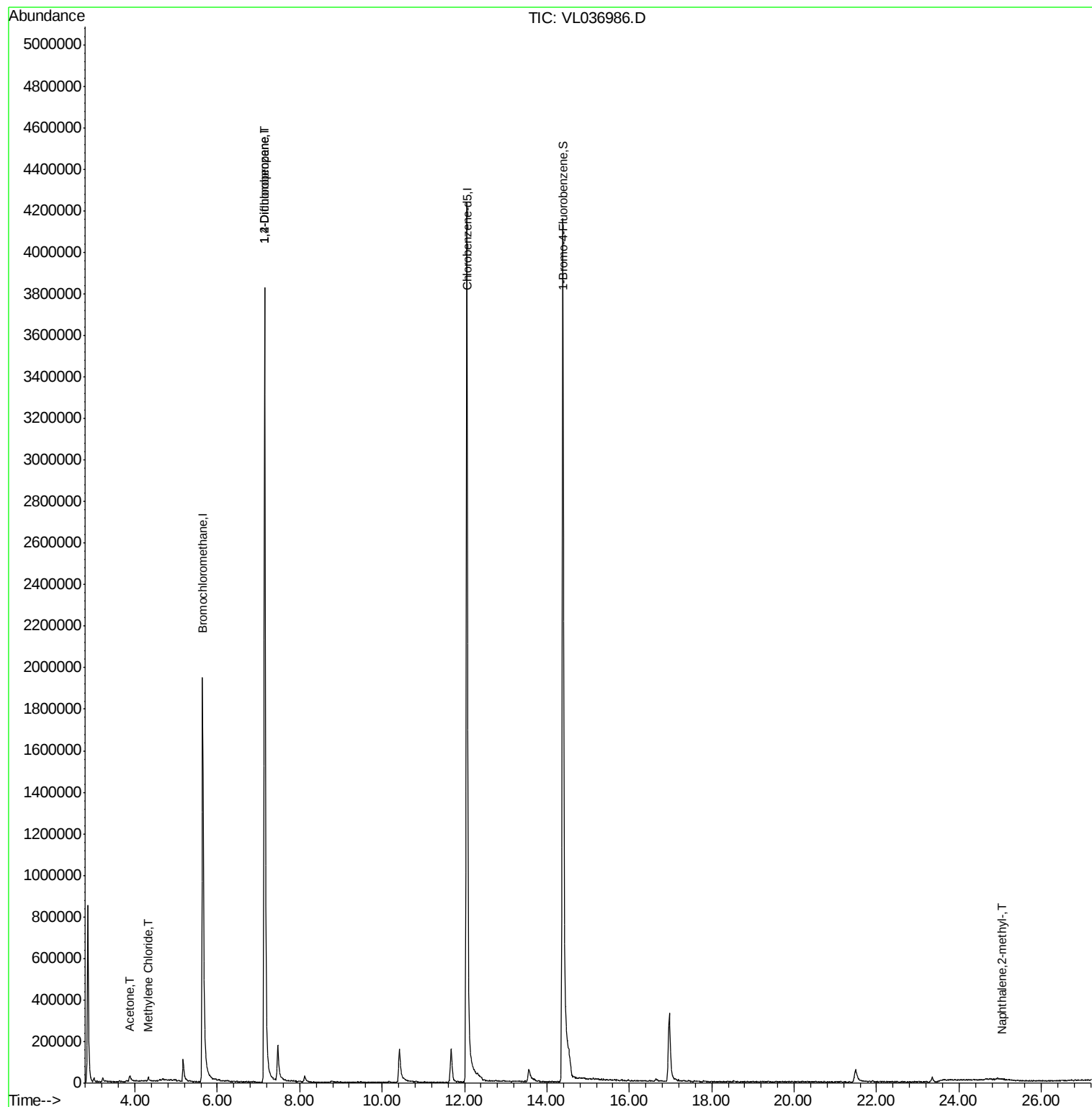
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.87	43	23553	0.187	ppbv #	1
20) Methylene Chloride	4.33	84	4930	0.073	ppbv #	68
39) 1,2-Dichloropropane	7.15	63	855668	7.042	ppbv #	25
80) Naphthalene,2-methyl-	25.06	142	3473	0.048	ppbv #	76

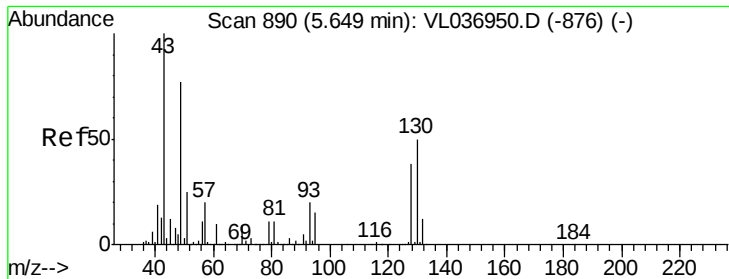
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL051921\
Data File : VL036986.D
Acq On : 19 May 2021 11:09
Operator : SY/AP
Sample : VL0519ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0519ABL01

Quant Time: May 20 06:27:22 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 12:00:15 2021
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 888

Delta R.T. -0.01 min

Lab File: VL036986.D

Acq: 19 May 2021 11:09

Instrument :

MSVOA_L

ClientSampleId :

VL0519ABL01

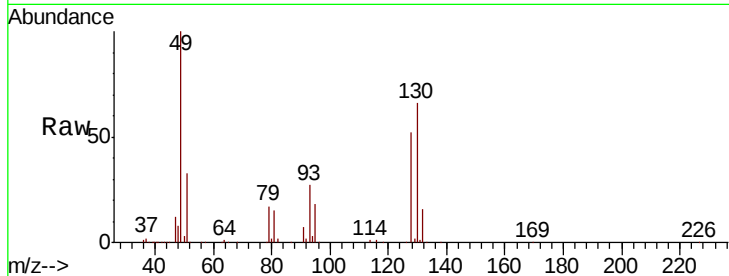
Tot Ion: 49 Resp: 1230690

Ion Ratio Lower Upper

49 100

128 54.7 26.9 80.7

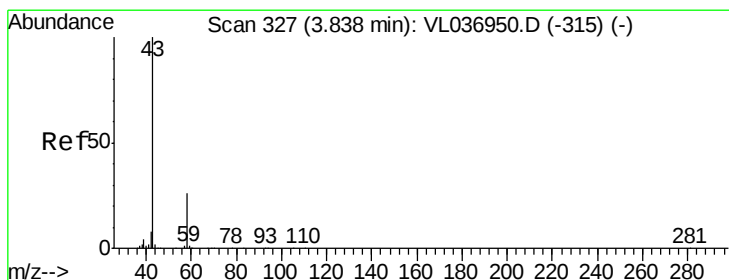
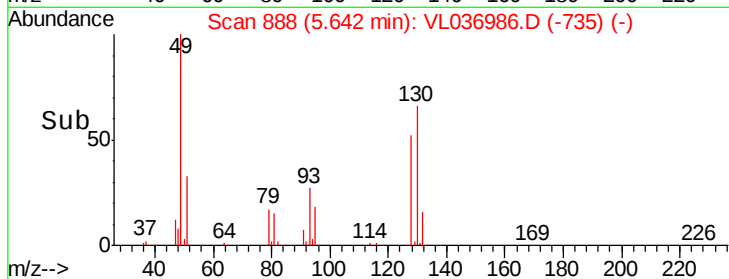
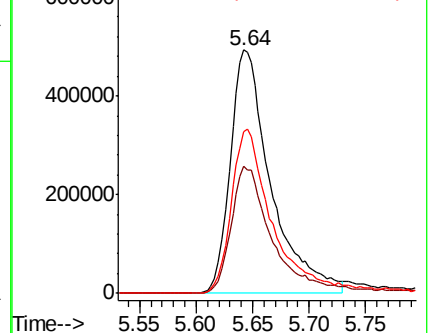
130 70.9 33.8 101.4



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: 0.187 ppbv

RT: 3.87 min Scan# 337

Delta R.T. 0.03 min

Lab File: VL036986.D

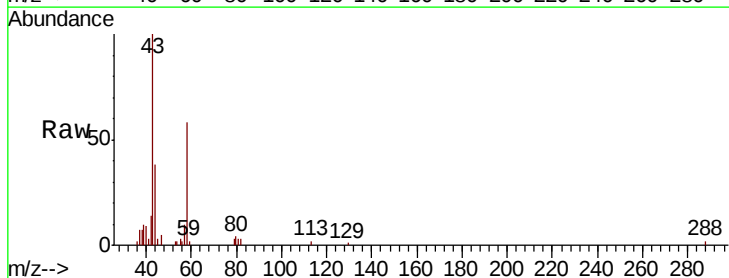
Acq: 19 May 2021 11:09

Tgt Ion: 43 Resp: 23553

Ion Ratio Lower Upper

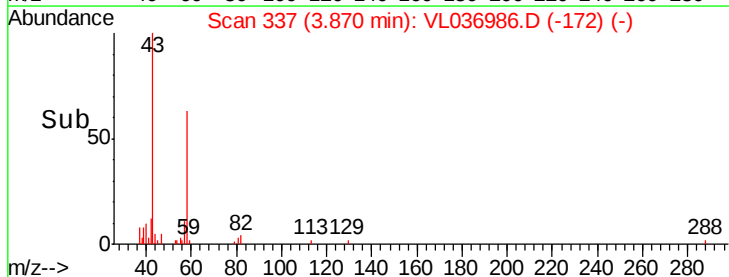
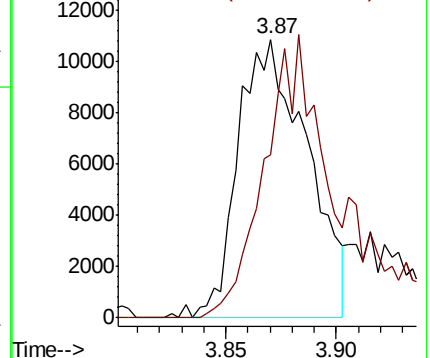
43 100

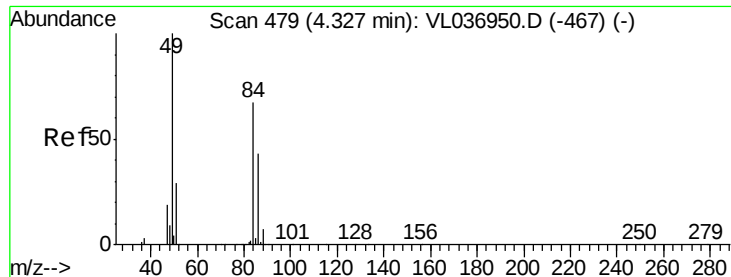
58 113.6 24.0 36.0#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

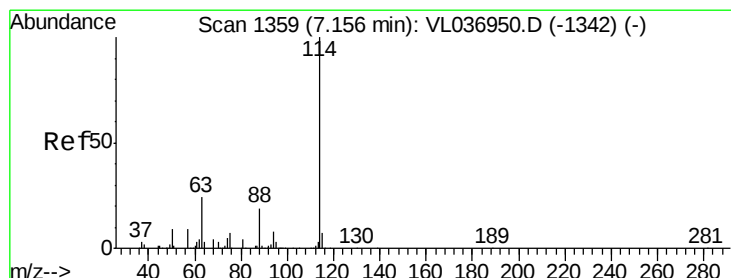
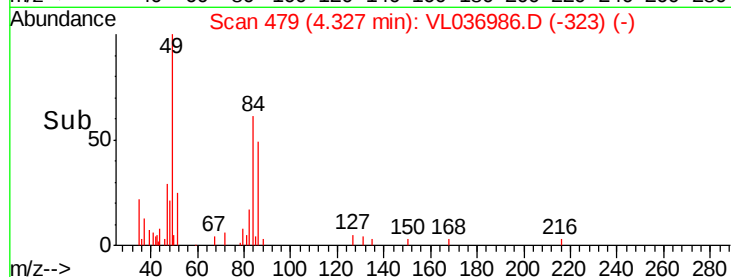
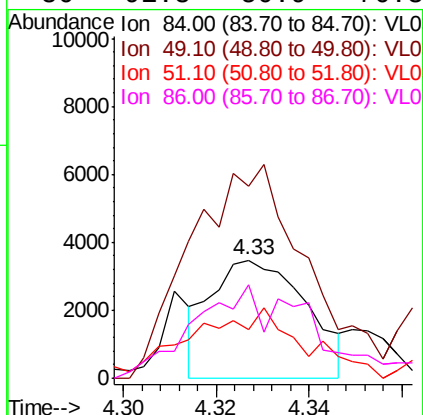
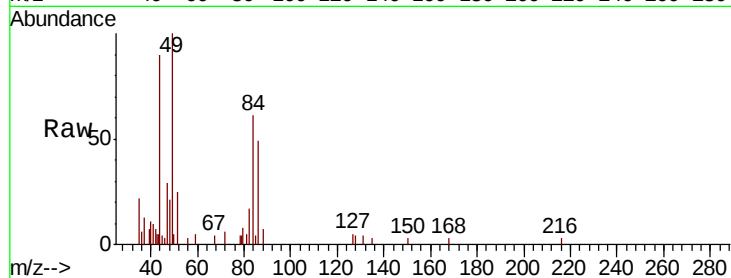




#20
Methylene Chloride
Concen: 0.073 ppbv
RT: 4.33 min Scan# 479
Delta R.T. -0.00 min
Lab File: VL036986.D
Acq: 19 May 2021 11:09

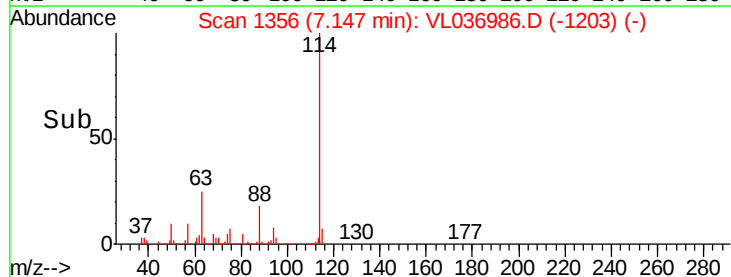
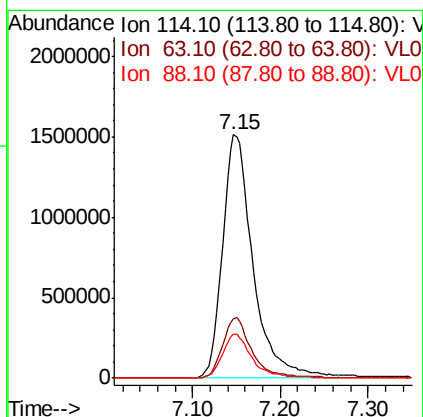
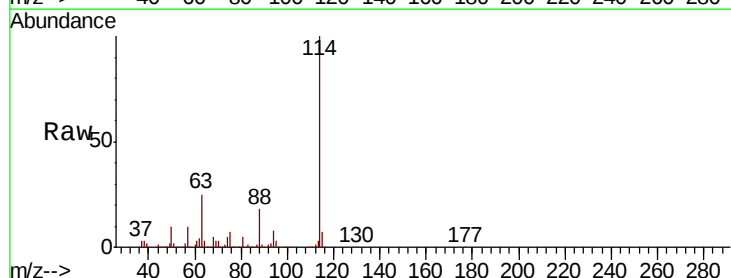
Instrument :
MSVOA_L
ClientSampleId :
VL0519ABL01

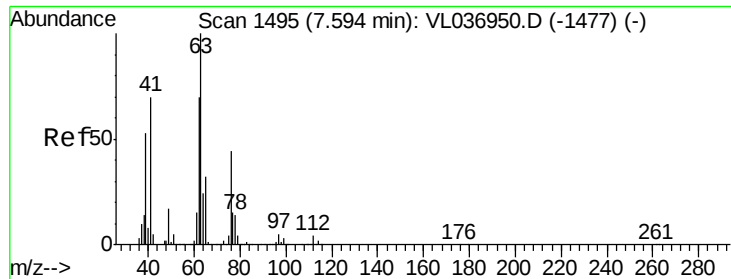
Tot Ion:	84	Resp:	4930
Ion	Ratio	Lower	Upper
84	100		
49	194.6	119.8	179.6#
51	36.5	35.1	52.7
86	91.8	50.9	76.3#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.01 min
Lab File: VL036986.D
Acq: 19 May 2021 11:09

Tgt Ion:	114	Resp:	3661862
Ion	Ratio	Lower	Upper
114	100		
63	24.3	19.6	29.4
88	17.7	14.6	21.8





#39

1,2-Dichloropropane

Concen: 7.042 ppbv

RT: 7.15 min Scan# 1357

Delta R.T. -0.44 min

Lab File: VL036986.D

Acq: 19 May 2021 11:09

Instrument :

MSVOA_L

ClientSampleId :

VL0519ABL01

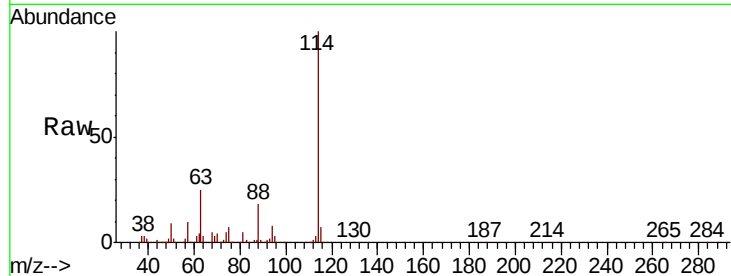
Tot Ion: 63 Resp: 855668

Ion Ratio Lower Upper

63 100

41 0.0 55.7 83.5#

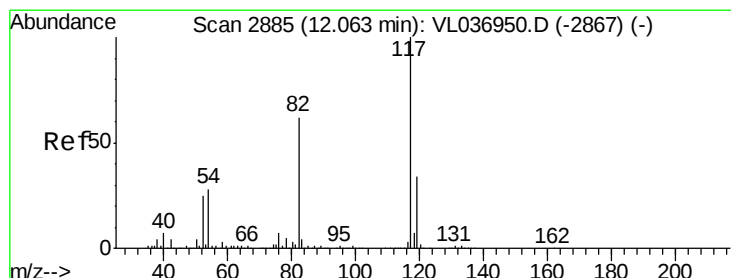
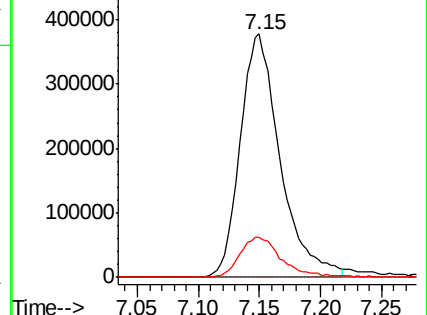
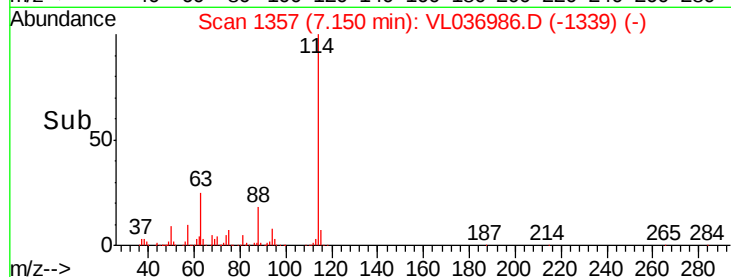
62 16.4 56.2 84.4#



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. -0.01 min

Lab File: VL036986.D

Acq: 19 May 2021 11:09

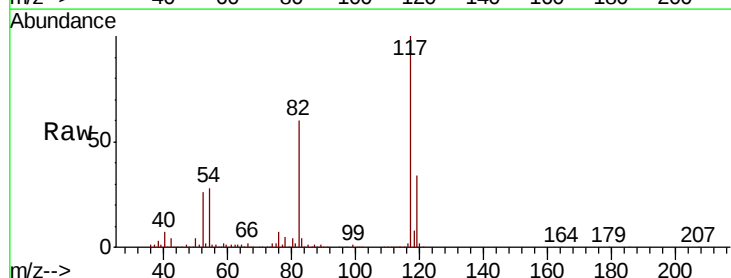
Tgt Ion: 117 Resp: 3282401

Ion Ratio Lower Upper

117 100

82 65.1 52.6 79.0

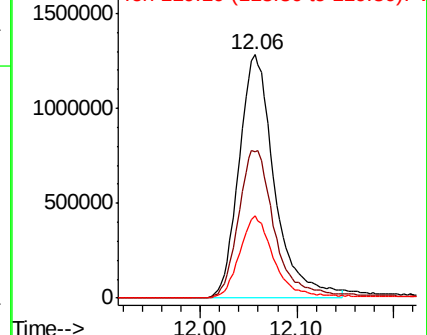
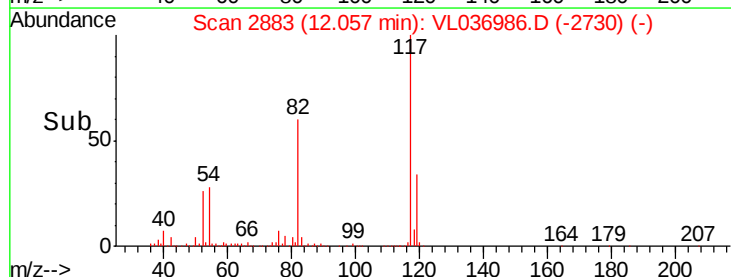
119 33.5 46.6 70.0#

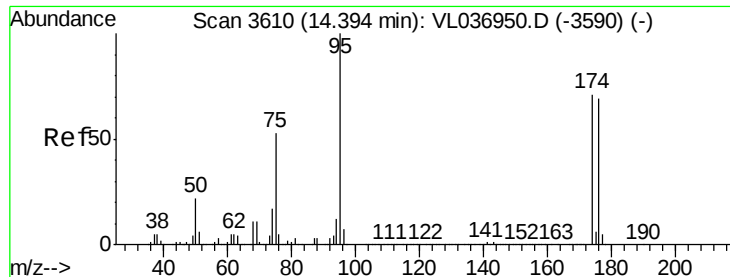


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V

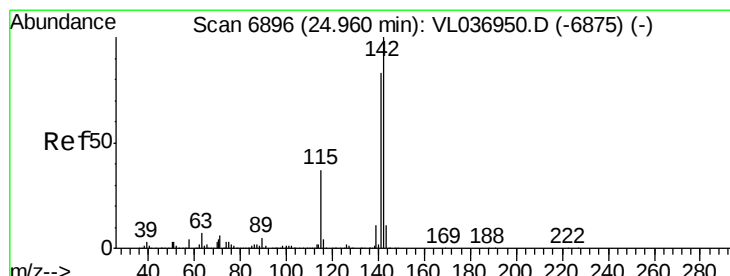
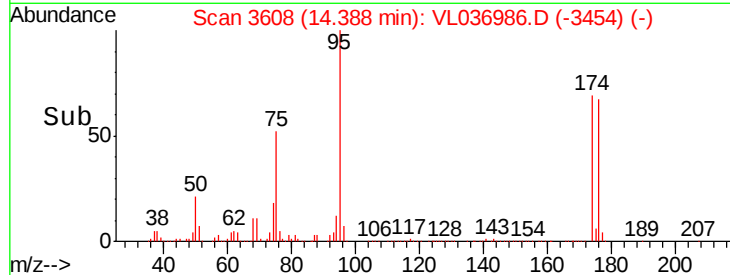
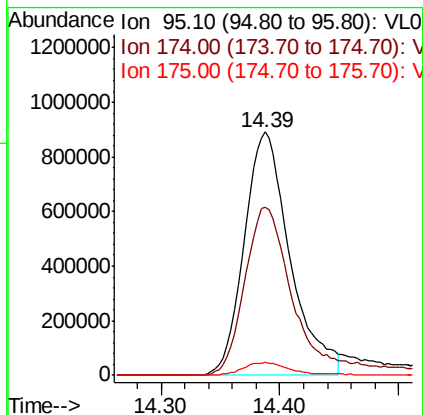
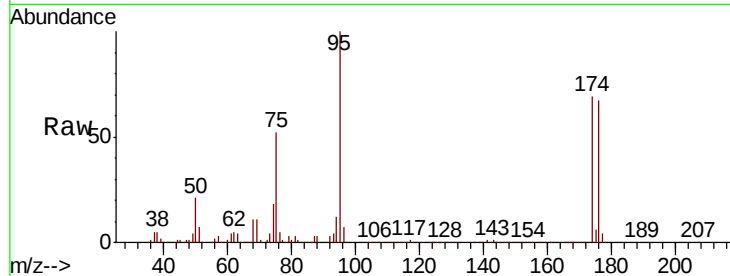




#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.615 ppbv
 RT: 14.39 min Scan# 3608
 Delta R.T. -0.01 min
 Lab File: VL036986.D
 Acq: 19 May 2021 11:09

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0519ABL01

Tot Ion: 95 Resp: 2370837
 Ion Ratio Lower Upper
 95 100
 174 79.7 58.4 87.6
 175 5.8 4.4 6.6



#80
 Naphthalene, 2-methyl-
 Concen: 0.048 ppbv
 RT: 25.06 min Scan# 6927
 Delta R.T. 0.10 min
 Lab File: VL036986.D
 Acq: 19 May 2021 11:09

Tgt Ion: 142 Resp: 3473
 Ion Ratio Lower Upper
 142 100
 141 108.8 69.3 103.9#
 115 49.7 29.1 43.7#

