

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060821\
 Data File : VL037127.D
 Acq On : 8 Jun 2021 11:02
 Operator : SY/AP
 Sample : VL0608ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 09 01:17:53 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	5.66	49	1335305	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.17	114	4137710	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.08	117	3658434	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2736346	9.96	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%

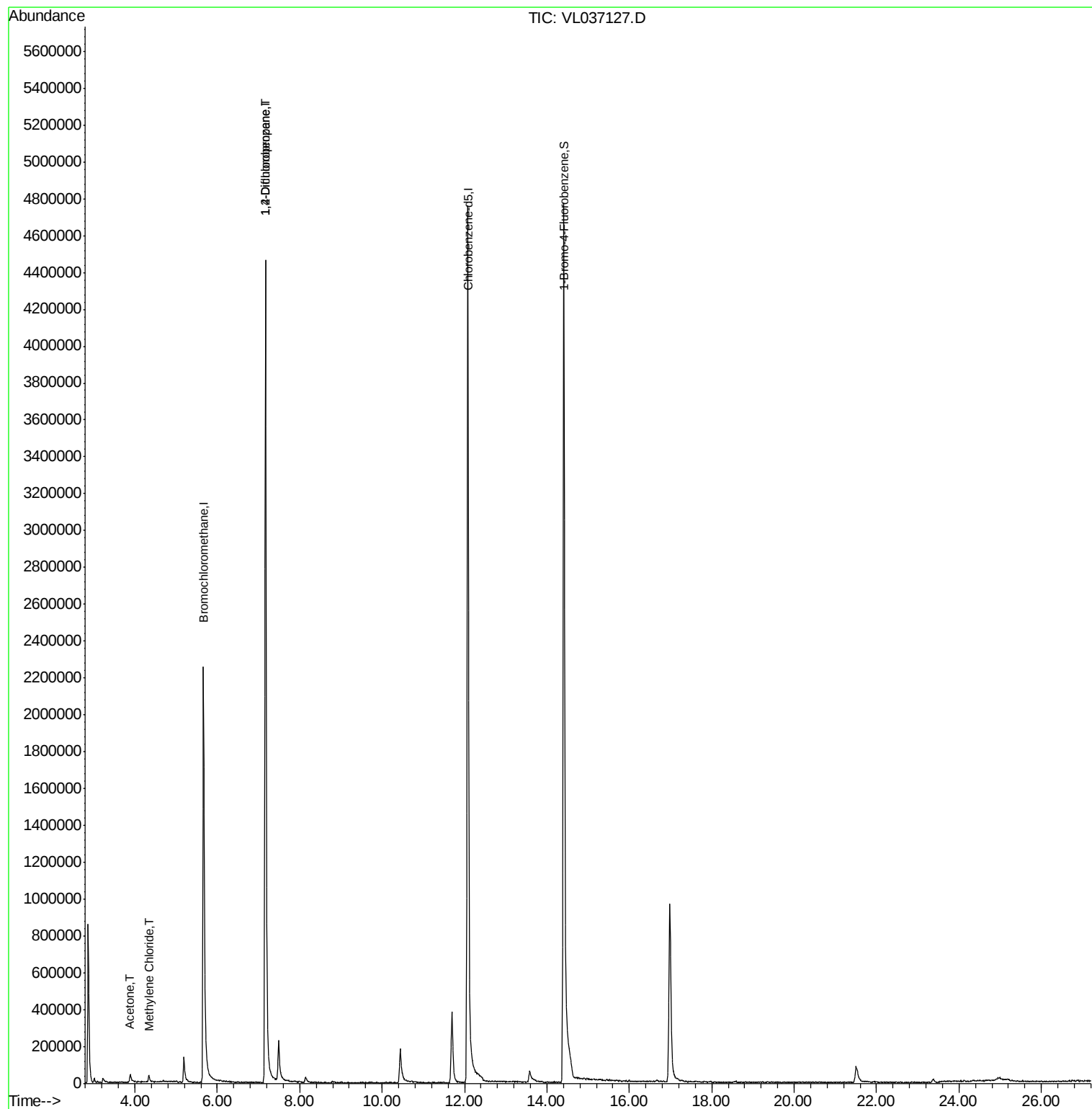
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.88	43	44725	0.327	ppbv #	1
20) Methylene Chloride	4.34	84	6891	0.094	ppbv	94
39) 1,2-Dichloropropane	7.17	63	960152	6.993	ppbv #	25

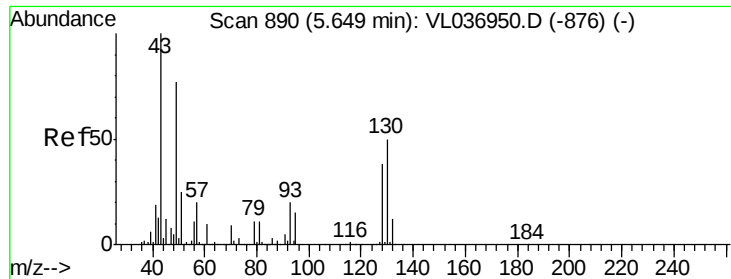
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. 0.01 min

Lab File: VL037127.D

Acq: 8 Jun 2021 11:02

Instrument :

MSVOA_L

ClientSampleId :

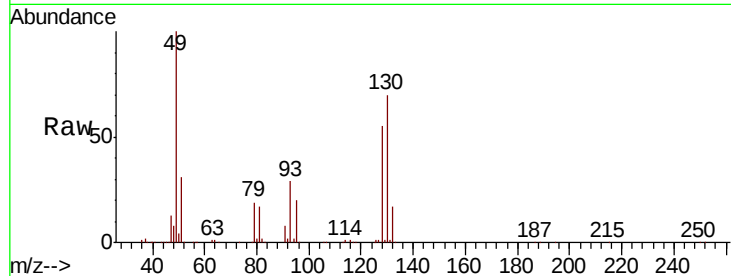
Tot Ion: 49 Resp: 1335305

Ion Ratio Lower Upper

49 100

128 58.4 26.9 80.7

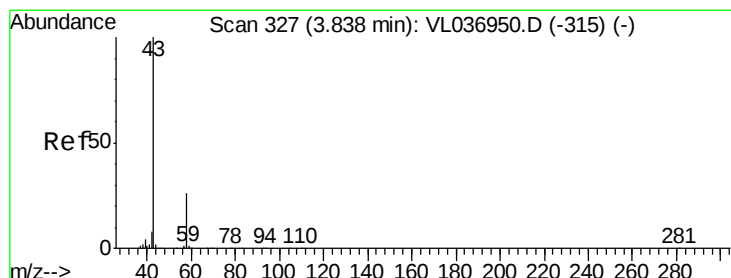
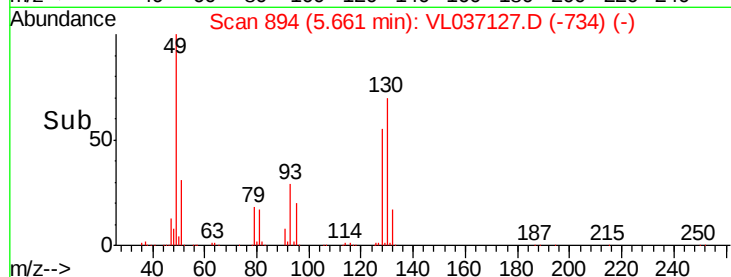
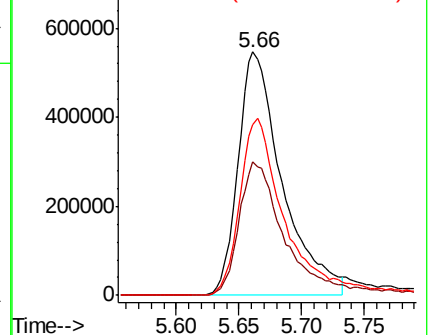
130 75.7 33.8 101.4



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: 0.327 ppbv

RT: 3.88 min Scan# 339

Delta R.T. 0.04 min

Lab File: VL037127.D

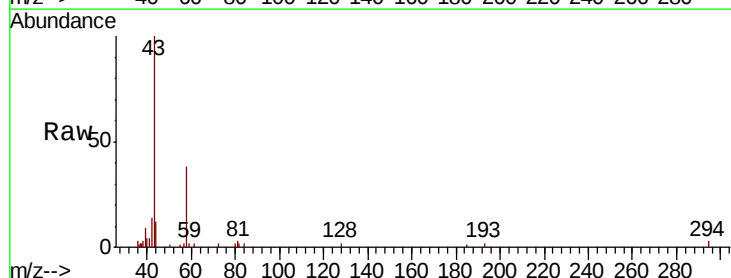
Acq: 8 Jun 2021 11:02

Tgt Ion: 43 Resp: 44725

Ion Ratio Lower Upper

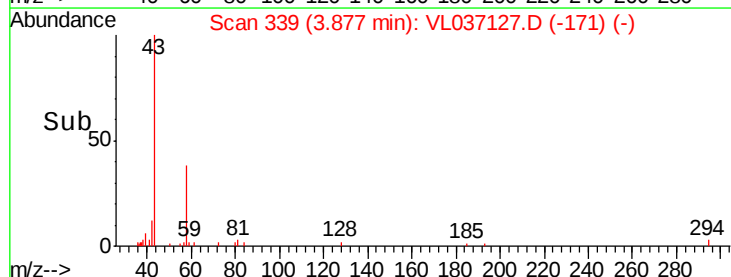
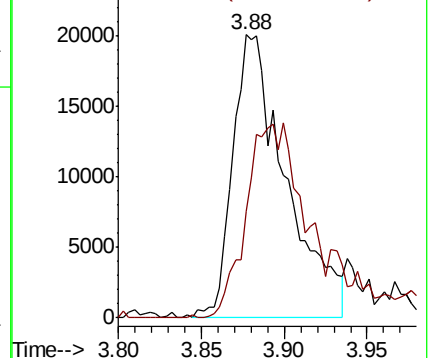
43 100

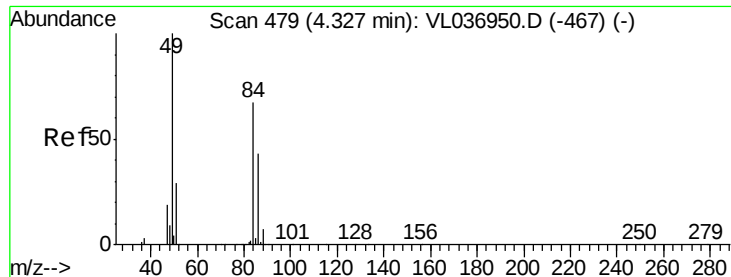
58 96.0 24.0 36.0#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

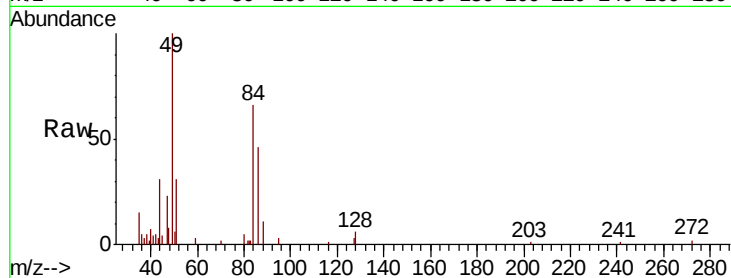




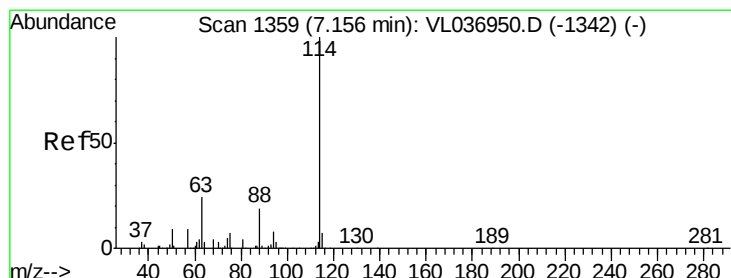
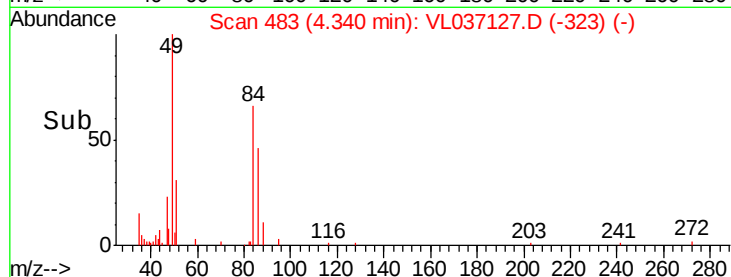
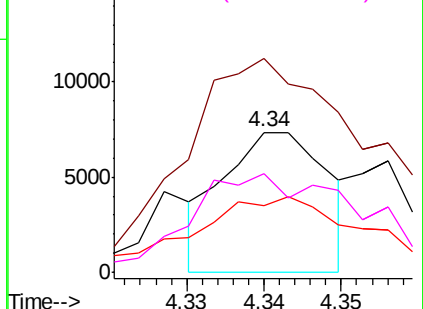
#20
Methvlene Chloride
Concen: 0.094 ppbv
RT: 4.34 min Scan# 483
Delta R.T. 0.01 min
Lab File: VL037127.D
Acq: 8 Jun 2021 11:02

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:	84	Resp:	6891
Ion	Ratio	Lower	Upper
84	100		
49	144.4	119.8	179.6
51	46.1	35.1	52.7
86	73.9	50.9	76.3

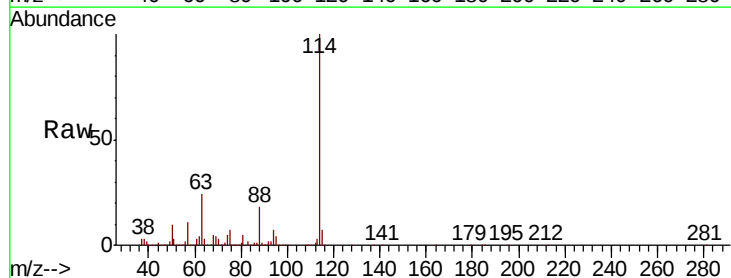


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

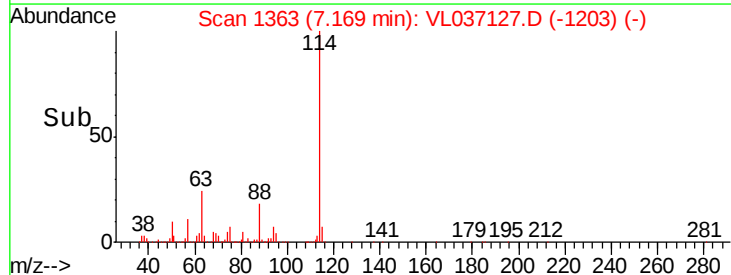
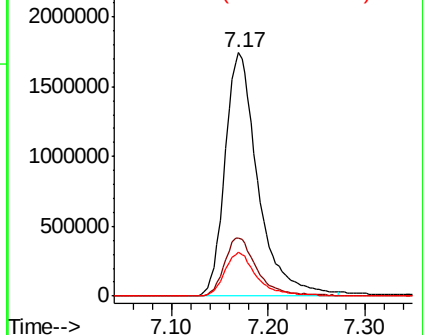


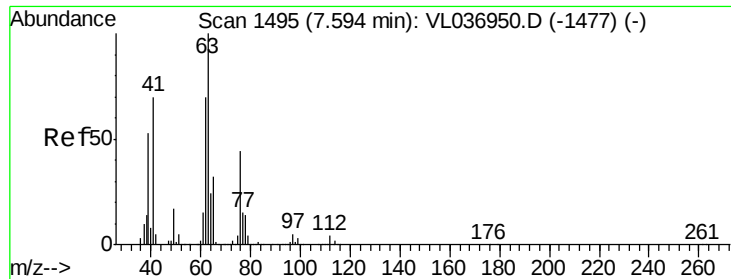
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VL037127.D
Acq: 8 Jun 2021 11:02

Tgt Ion:	114	Resp:	4137710
Ion	Ratio	Lower	Upper
114	100		
63	24.3	19.6	29.4
88	17.6	14.6	21.8



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

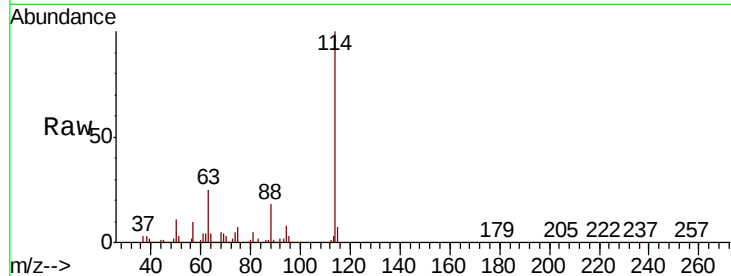




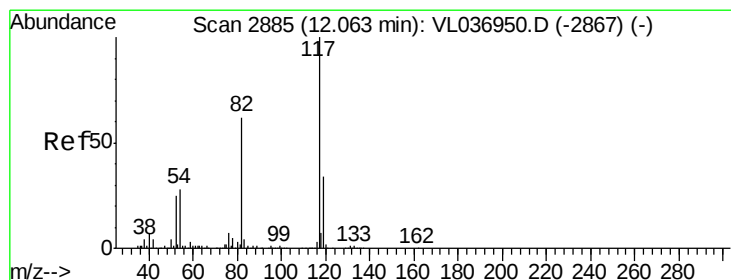
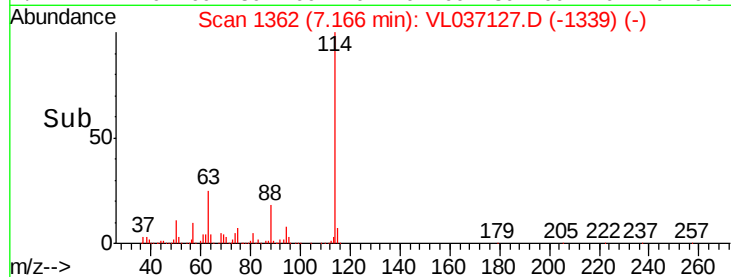
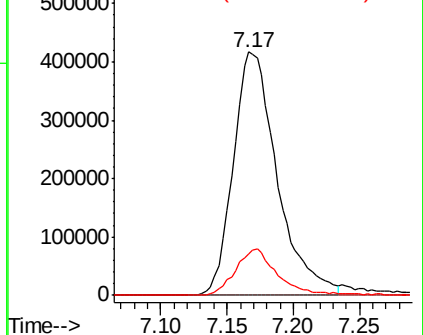
#39
 1,2-Dichloropropane
 Concen: 6.993 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.43 min
 Lab File: VL037127.D
 Acq: 8 Jun 2021 11:02

Instrument :
 MSVOA_L
 ClientSampled :

Tot Ion: 63 Resp: 960152
 Ion Ratio Lower Upper
 63 100
 41 0.1 55.7 83.5#
 62 17.1 56.2 84.4#

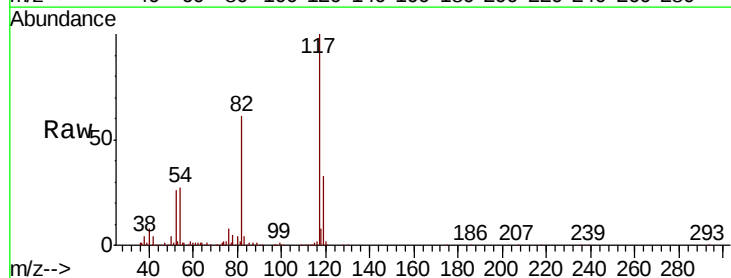


Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

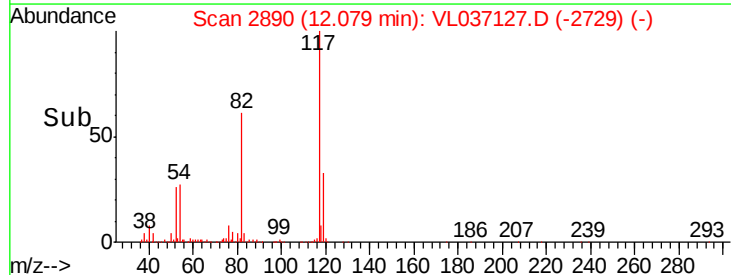
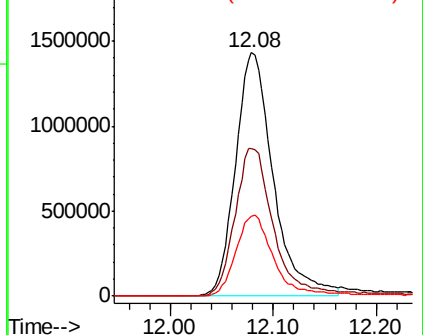


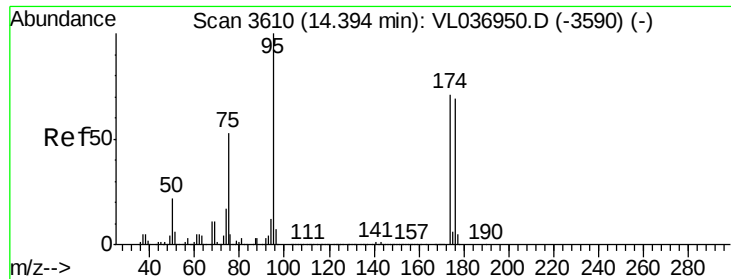
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min Scan# 2890
 Delta R.T. 0.02 min
 Lab File: VL037127.D
 Acq: 8 Jun 2021 11:02

Tgt Ion: 117 Resp: 3658434
 Ion Ratio Lower Upper
 117 100
 82 64.0 52.6 79.0
 119 34.7 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: 9.957 ppbv

RT: 14.41 min Scan# 3615

Delta R.T. 0.02 min

Lab File: VL037127.D

Acq: 8 Jun 2021 11:02

Instrument :

MSVOA_L

ClientSampleId :

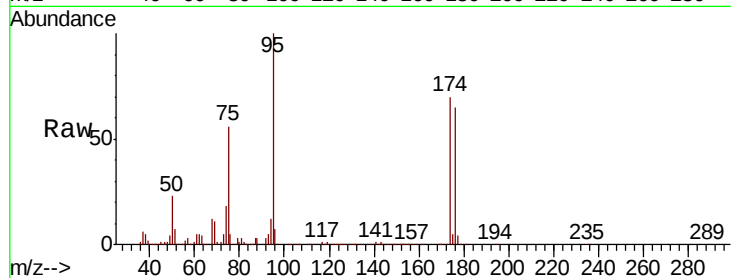
Tot Ion: 95 Resp: 2736346

Ion Ratio Lower Upper

95 100

174 75.0 58.4 87.6

175 5.4 4.4 6.6



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

