

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060822\
 Data File : VL039249.D
 Acq On : 9 Jun 2022 00:25
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jun 09 06:42:45 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	843510	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	1918301	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	1574247	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1366018	10.50	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.00%

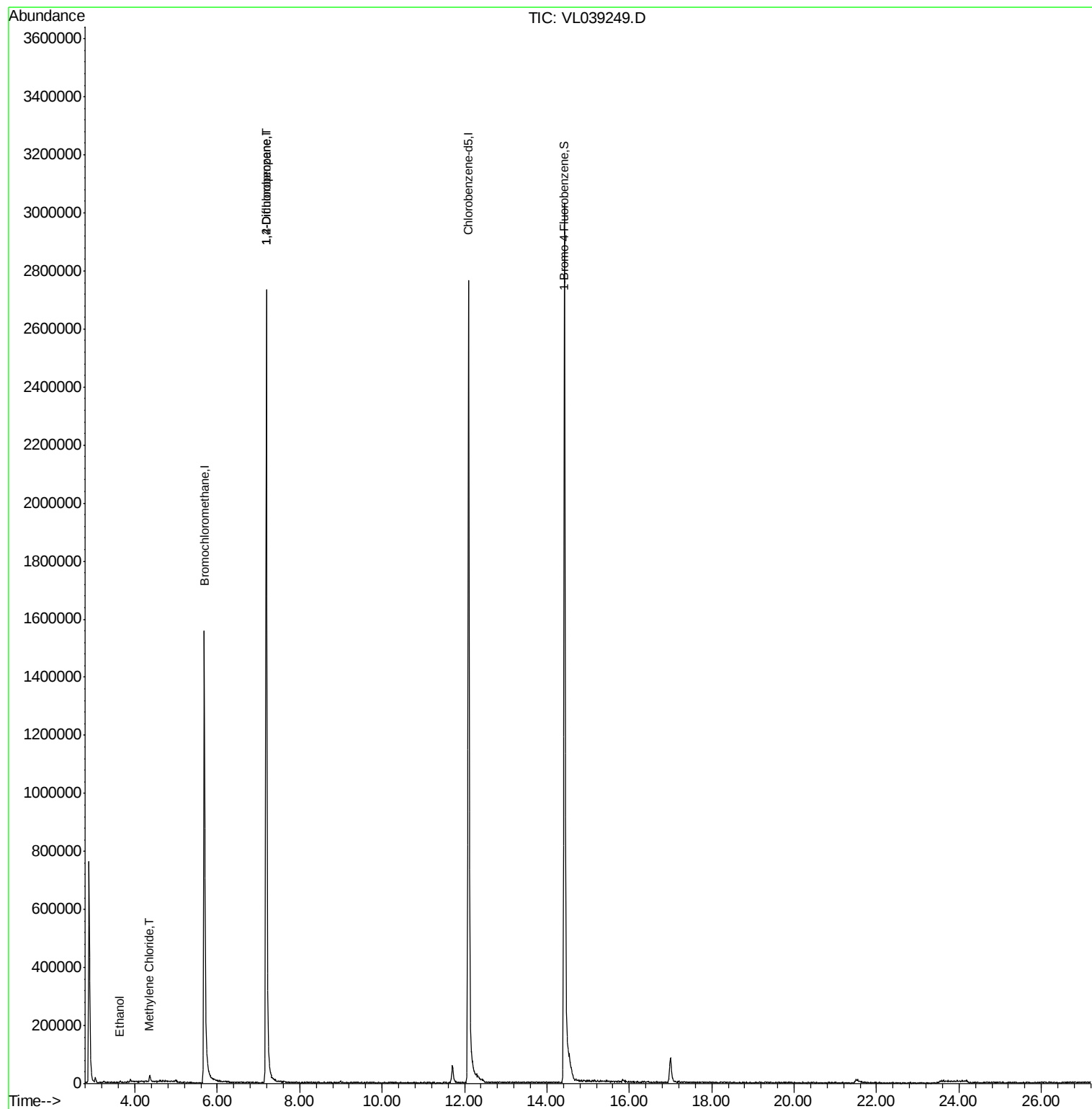
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.63	45	122	0.048	ppbv #	100
20) Methylene Chloride	4.36	84	4140	0.112	ppbv #	73
39) 1,2-Dichloropropane	7.19	63	586905	9.474	ppbv #	26

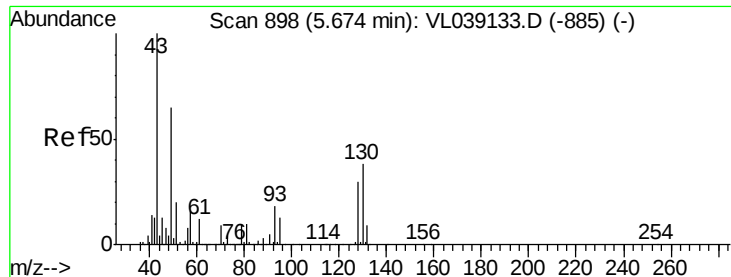
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 9 Jun 2022 00:25

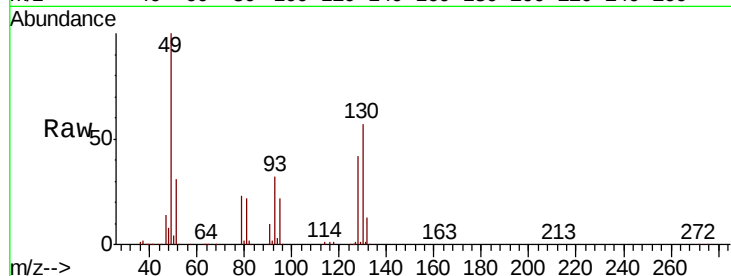
Tot Ion: 49 Resp: 843510

Ion Ratio Lower Upper

49 100

128 46.6 24.7 74.1

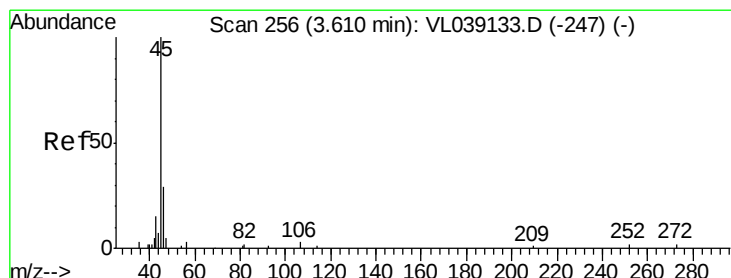
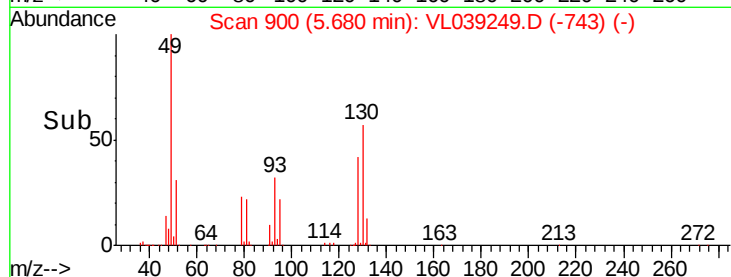
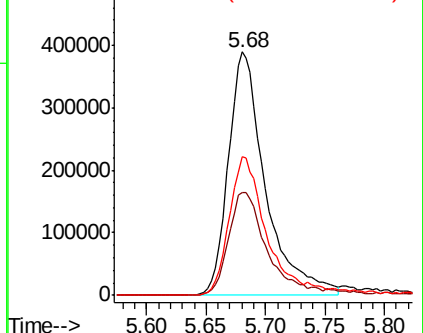
130 61.2 31.4 94.0



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



#13

Ethanol

Concen: 0.048 ppbv

RT: 3.63 min Scan# 261

Delta R.T. 0.02 min

Lab File: VL039249.D

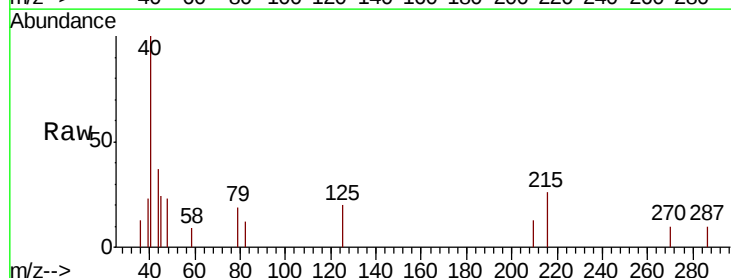
Acq: 9 Jun 2022 00:25

Tgt Ion: 45 Resp: 122

Ion Ratio Lower Upper

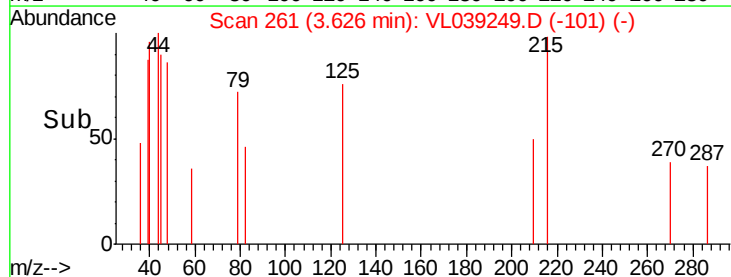
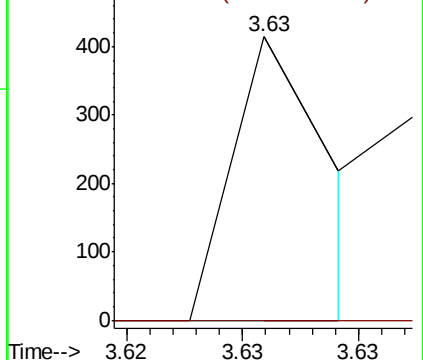
45 100

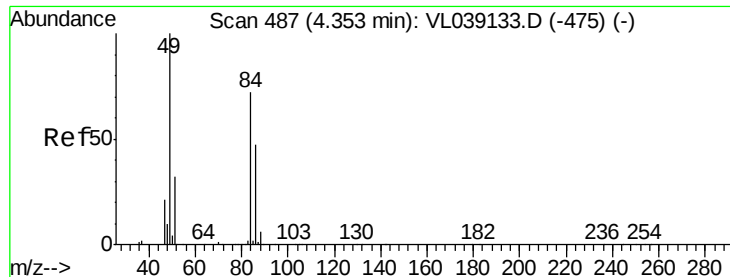
46 36.9 0.0 0.0#



Abundance Ion 45.10 (44.80 to 45.80): VL0

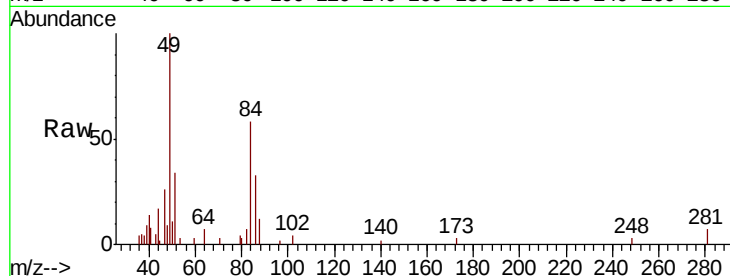
Ion 46.10 (45.80 to 46.80): VL0



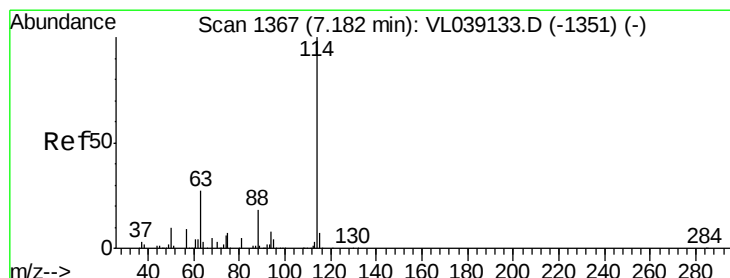
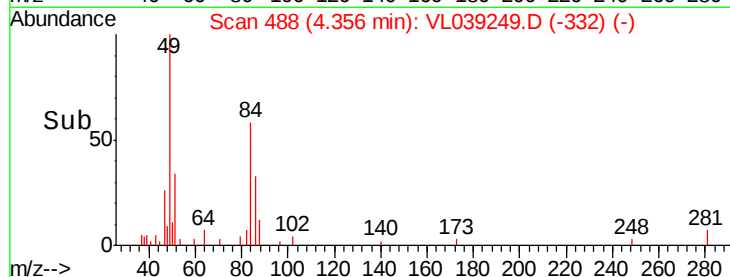
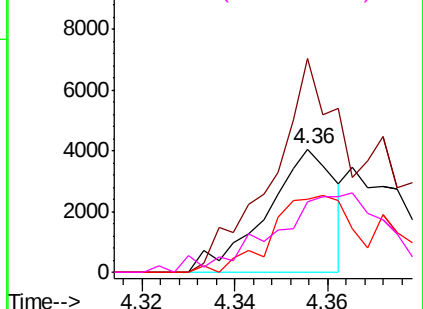


#20
Methvlene Chloride
Concen: 0.112 ppbv
RT: 4.36
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 9 Jun 2022 00:25

Tot Ion: 84 Resp: 4140
Ion Ratio Lower Upper
84 100
49 173.3 111.1 166.7#
51 59.7 35.3 52.9#
86 43.4 51.9 77.9#

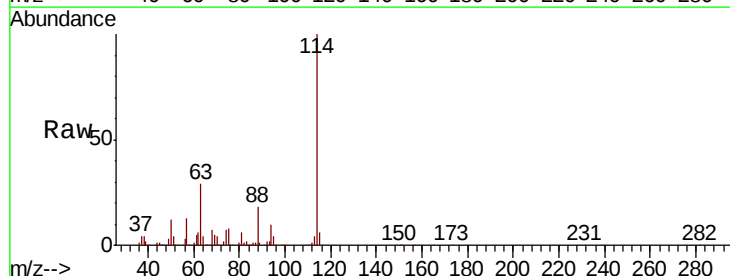


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

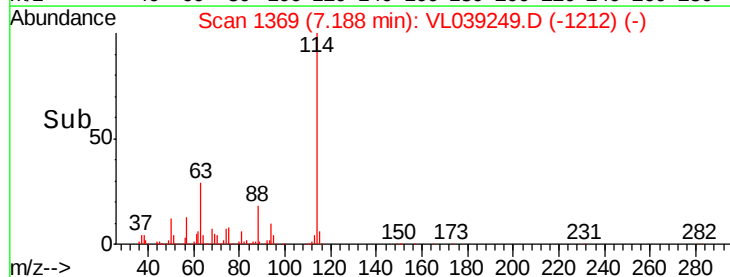
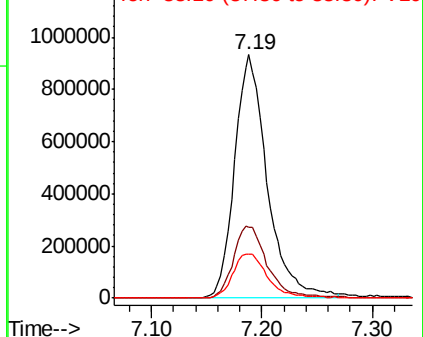


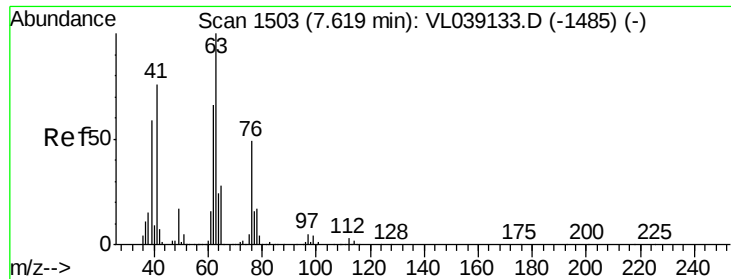
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1369
Delta R.T.: 0.01 min
Lab File: VL039249.D
Acq: 9 Jun 2022 00:25

Tgt Ion:114 Resp: 1918301
Ion Ratio Lower Upper
114 100
63 31.4 21.7 32.5
88 19.7 14.8 22.2



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: 9.474 ppbv

RT: 7.19 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Jun 2022 00:25

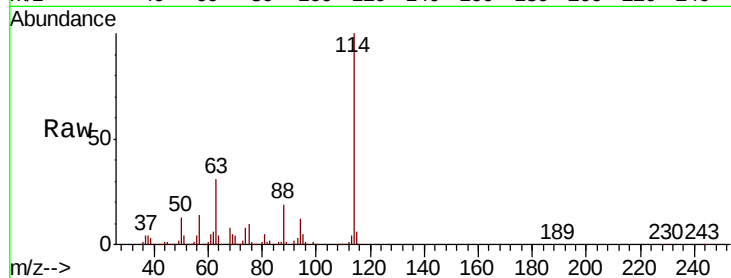
Tot Ion: 63 Resp: 586905

Ion Ratio Lower Upper

63 100

41 0.0 60.8 91.2#

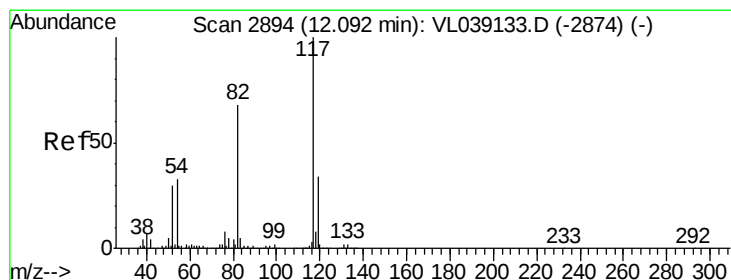
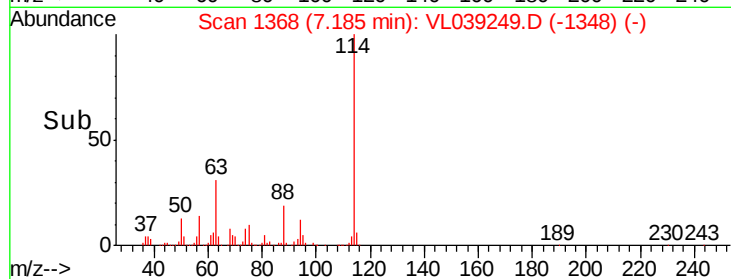
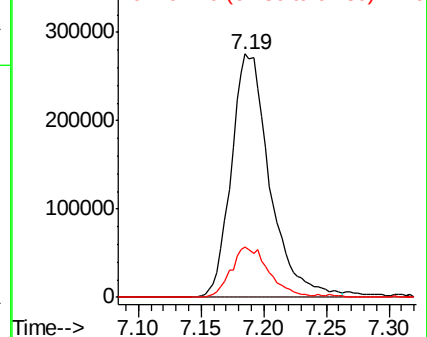
62 20.4 52.9 79.3#



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: VL039249.D

Acq: 9 Jun 2022 00:25

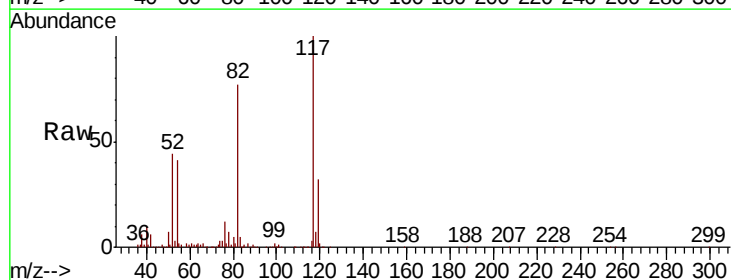
Tgt Ion: 117 Resp: 1574247

Ion Ratio Lower Upper

117 100

82 80.8 55.1 82.7

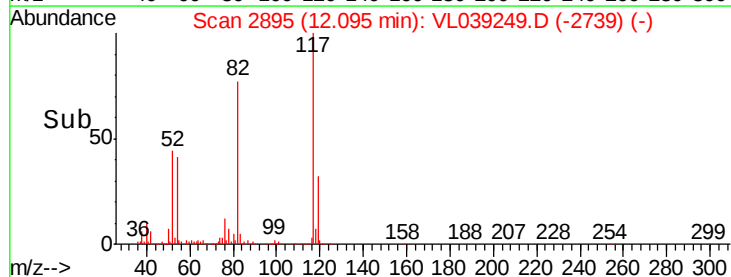
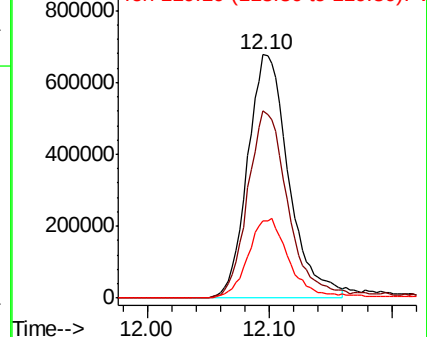
119 33.8 24.7 37.1

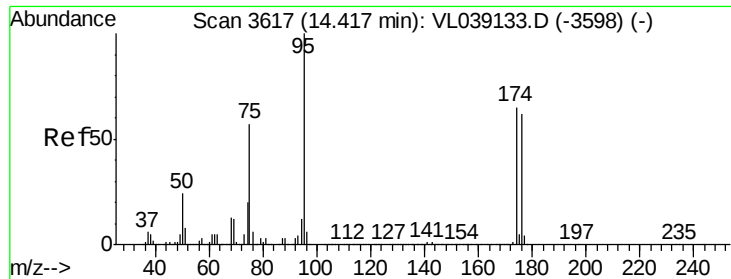


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.496 ppbv

RT: 14.43

Delta R.T

Lab File: ClientSampleId :

Acq: 9 Jun 2022 06:25

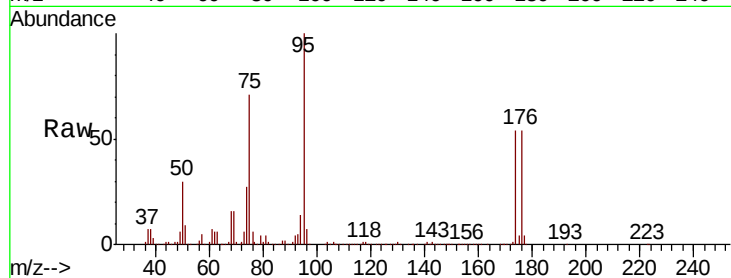
Tot Ion: 95 Resp: 1366018

Ion Ratio Lower Upper

95 100

174 60.6 53.8 80.8

175 4.6 4.1 6.1



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

