

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060122\
 Data File : VL039143.D
 Acq On : 1 Jun 2022 11:00
 Operator : SY/AP
 Sample : VL0601ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0601ABL01

Quant Time: Jun 02 00:36:07 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	5.67	49	1193550	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2906187	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2431412	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2041090	10.15	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.50%

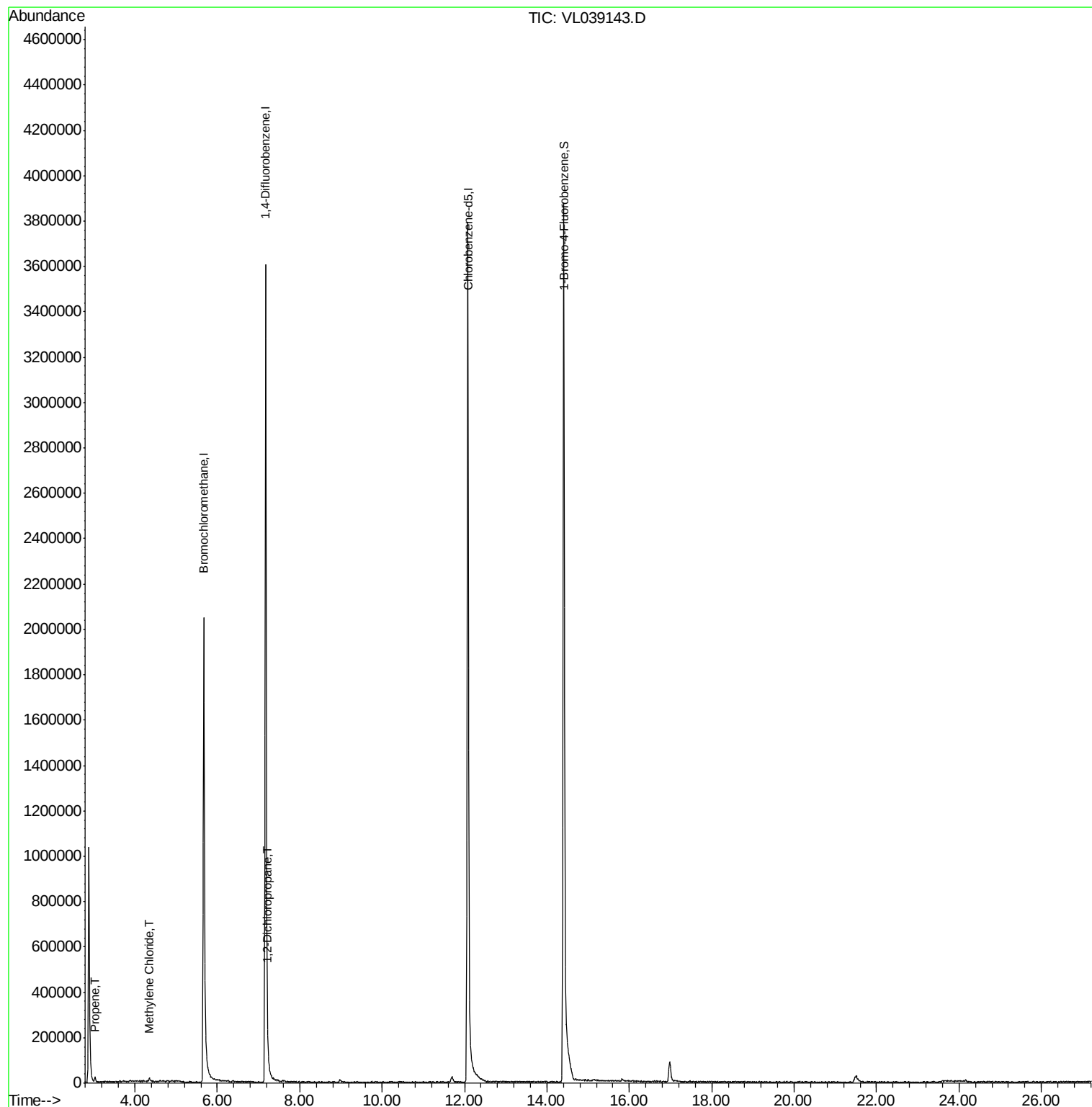
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	4317	0.065	ppbv	95
20) Methylene Chloride	4.35	84	3069	0.059	ppbv #	76
39) 1,2-Dichloropropane	7.22	63	12931	0.138	ppbv #	24

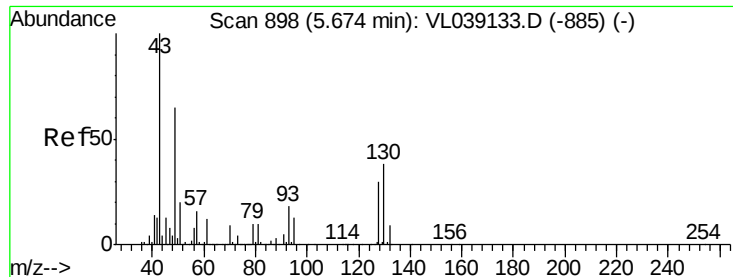
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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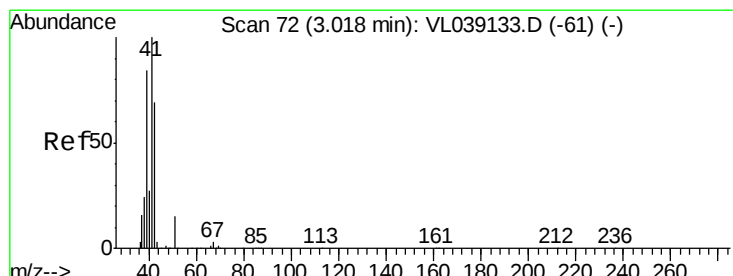
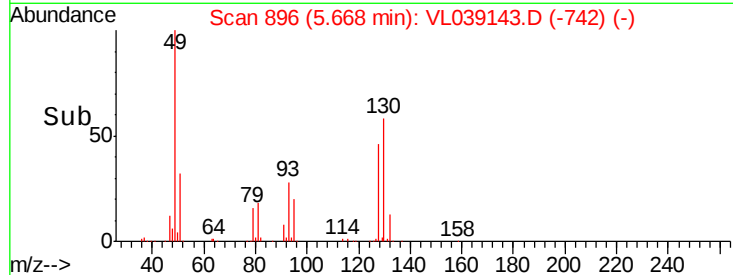
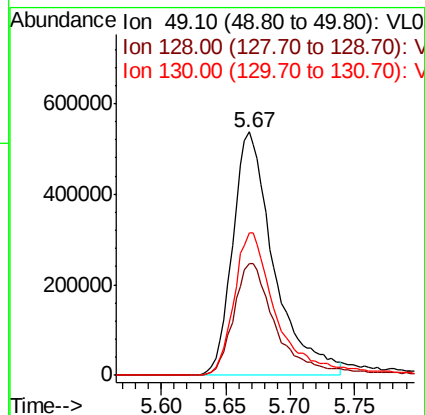
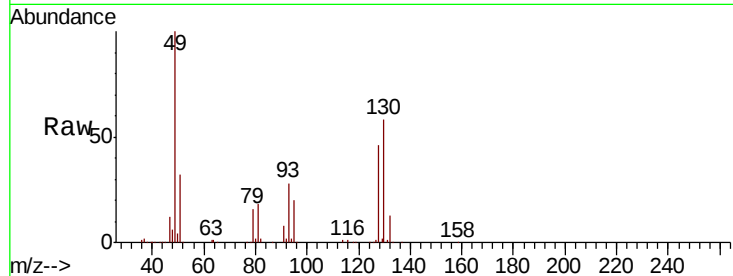
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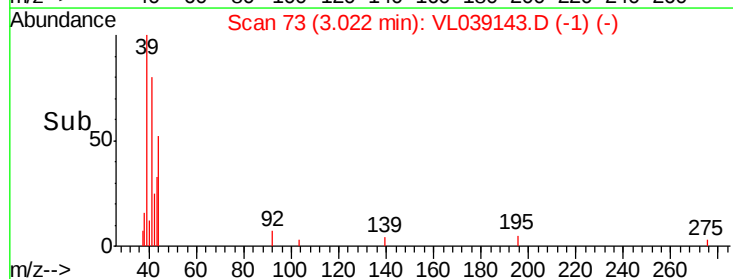
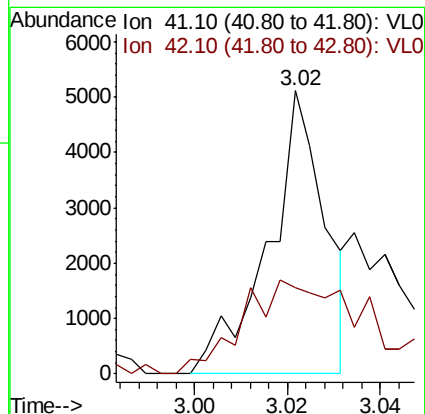
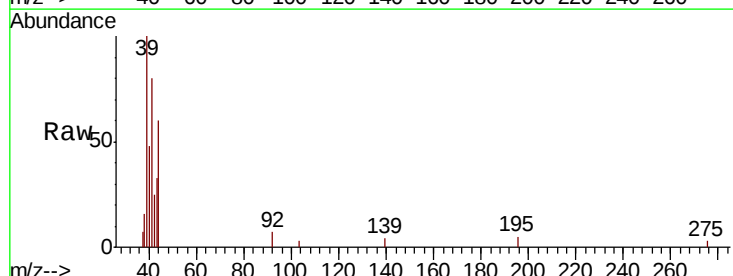
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0601ABL01
 Acq: 1 Jun 2022 11:00

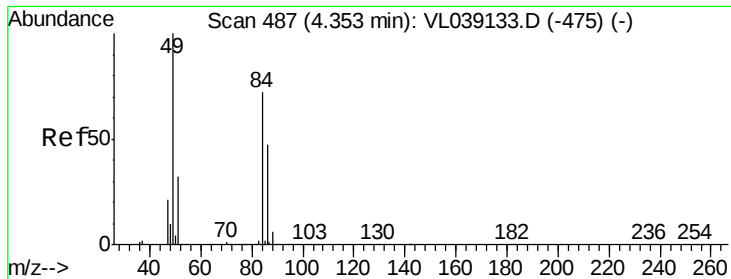
Tot Ion: 49 Resp: 1193550
 Ion Ratio Lower Upper
 49 100
 128 49.3 24.7 74.1
 130 62.5 31.4 94.0



#9
 Propene
 Concen: 0.065 ppbv
 RT: 3.02 min Scan# 73
 Delta R.T.: 0.00 min
 Lab File: VL039143.D
 Acq: 1 Jun 2022 11:00

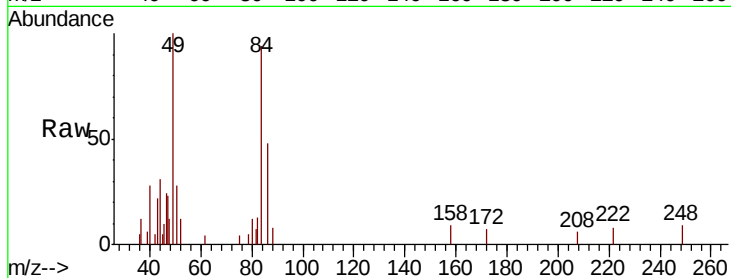
Tgt Ion: 41 Resp: 4317
 Ion Ratio Lower Upper
 41 100
 42 73.6 55.4 83.2



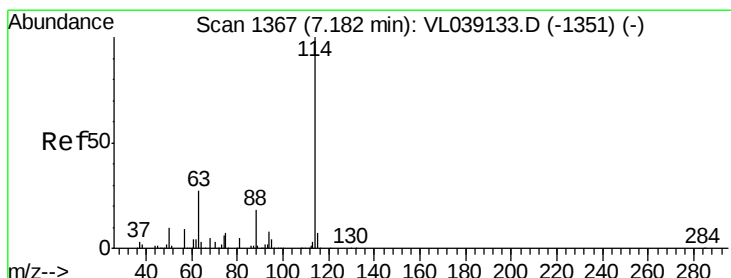
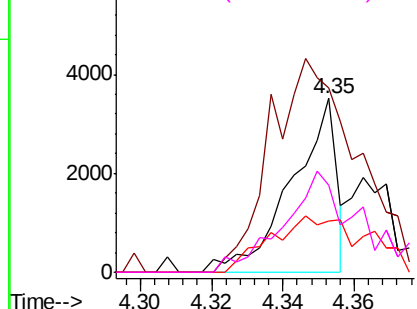
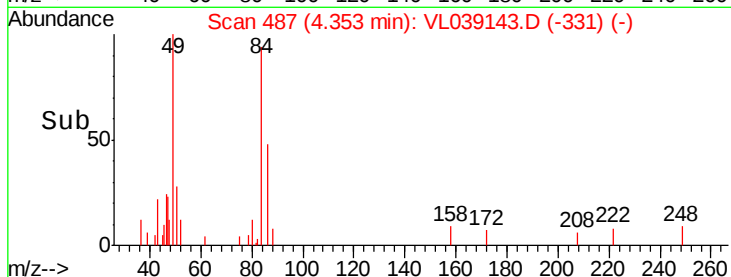


#20
Methvlene Chloride
Concen: 0.059 ppbv
RT: 4.35
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL0601ABL01
Acq: 1 Jun 2022 11:00

Tot Ion: 84 Resp: 3069
Ion Ratio Lower Upper
84 100
49 105.9 111.1 166.7#
51 29.8 35.3 52.9#
86 50.4 51.9 77.9#

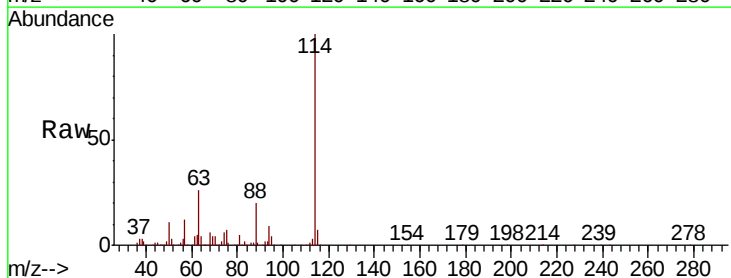


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

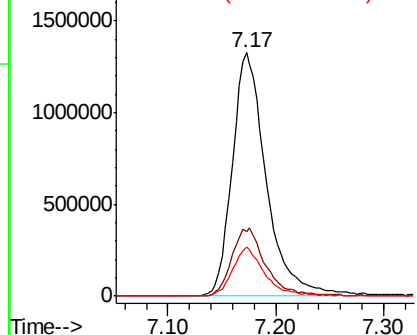
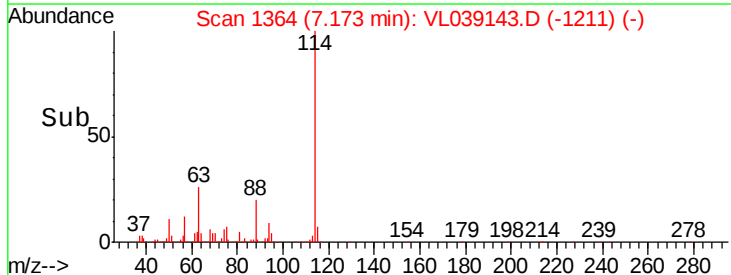


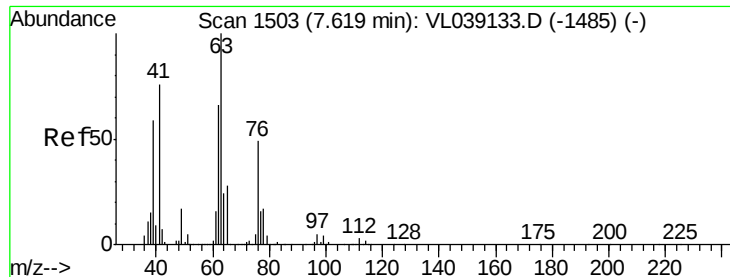
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VL039143.D
Acq: 1 Jun 2022 11:00

Tgt Ion:114 Resp: 2906187
Ion Ratio Lower Upper
114 100
63 28.4 21.7 32.5
88 19.4 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: 0.138 ppbv

RT: 7.22 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: VL0601ABL01

Acq: 1 Jun 2022 11:00

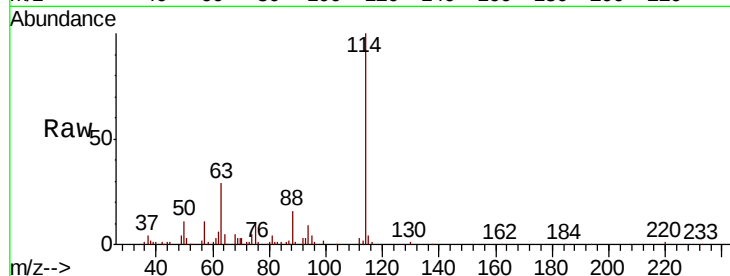
Tot Ion: 63 Resp: 12931

Ion Ratio Lower Upper

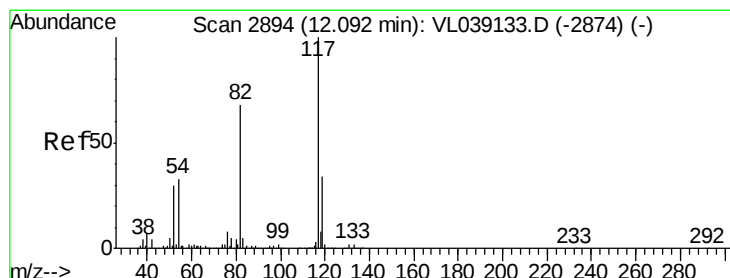
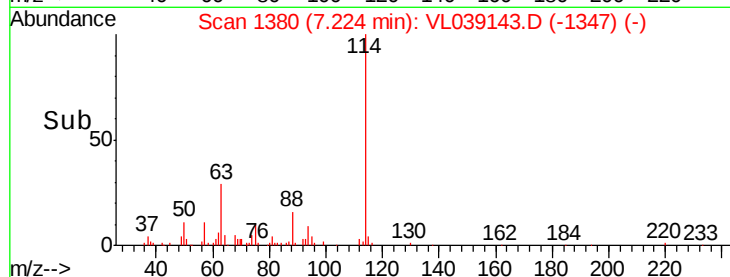
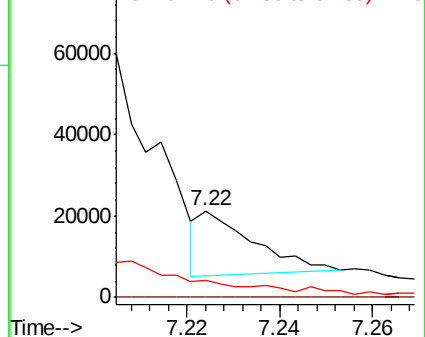
63 100

41 0.0 60.8 91.2#

62 17.5 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: 12.08 min Scan# 2890

Delta R.T. -0.01 min

Lab File: VL039143.D

Acq: 1 Jun 2022 11:00

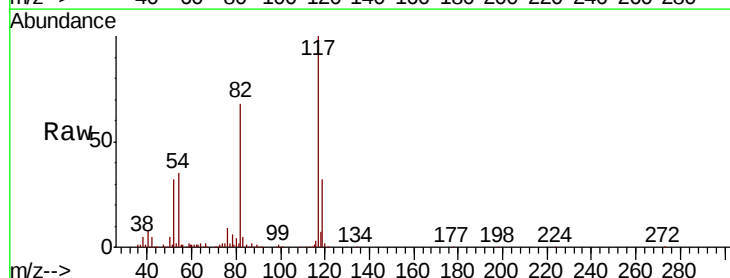
Tgt Ion: 117 Resp: 2431412

Ion Ratio Lower Upper

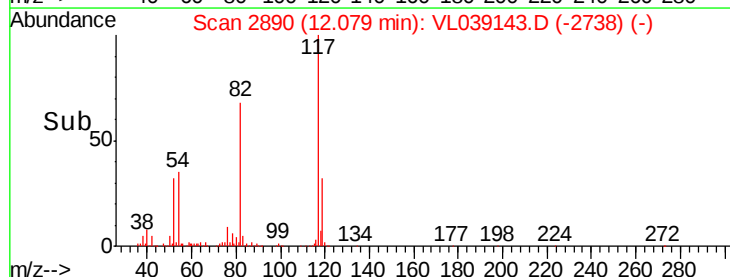
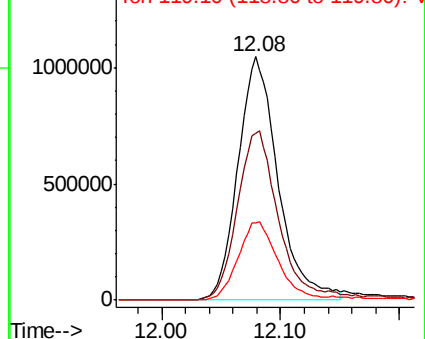
117 100

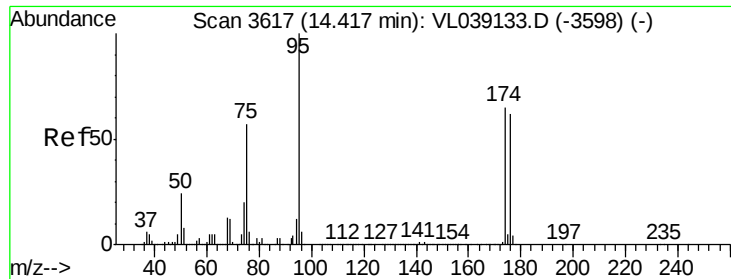
82 73.5 55.1 82.7

119 34.0 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: 10.154 ppbv

RT: 14.41 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 1 Jun 2022 11:00

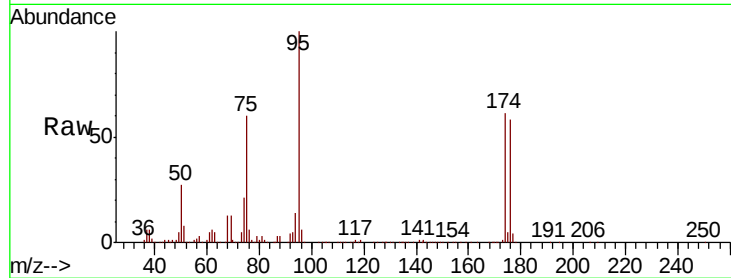
Tot Ion: 95 Resp: 2041090

Ion Ratio Lower Upper

95 100

174 66.2 53.8 80.8

175 4.9 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

