

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050522\
 Data File : VL038983.D
 Acq On : 5 May 2022 21:56
 Operator : SY/AP
 Sample : QC040222 CAN 10602
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC040222 CAN 10602

Quant Time: May 06 07:30:14 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 05 07:41:27 2022
 QLast Update : Thu May 05 07:41:27 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1021220	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2435220	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	1993088	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1629556	10.32	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.20%

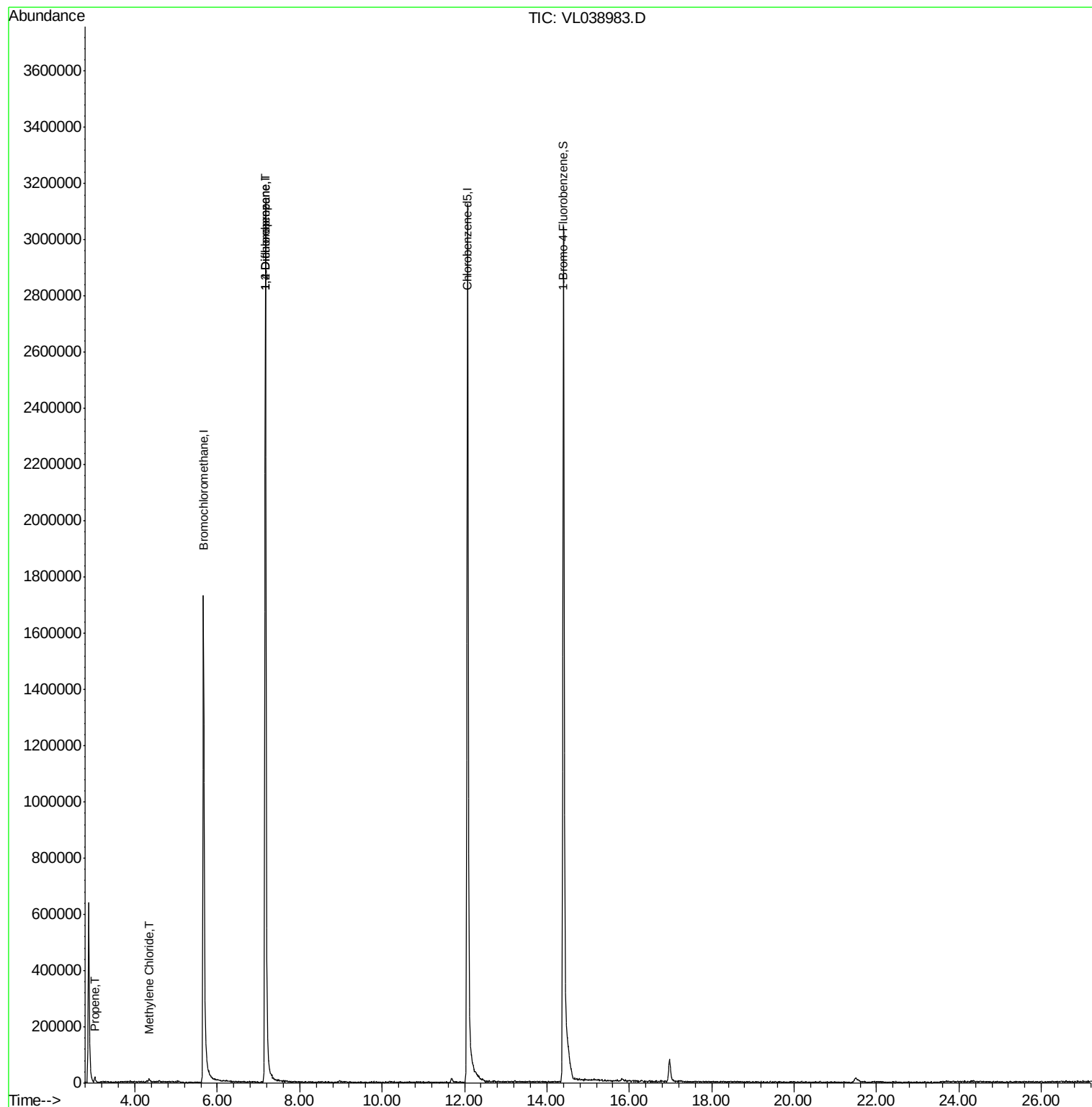
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	2698	0.049	ppbv #	13
20) Methylene Chloride	4.34	84	2020	0.056	ppbv #	77
39) 1,2-Dichloropropane	7.17	63	702689	8.666	ppbv #	25

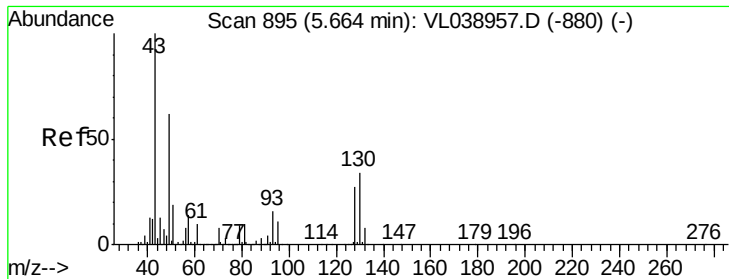
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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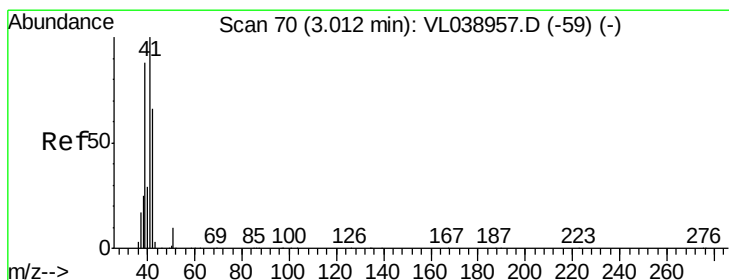
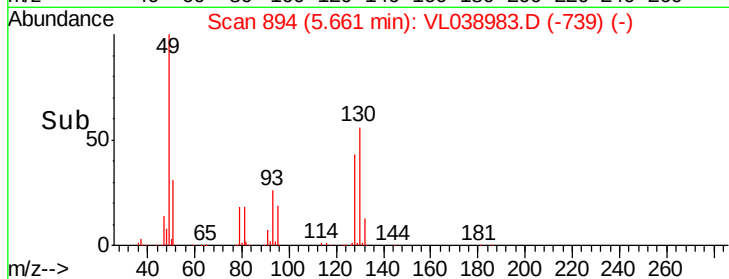
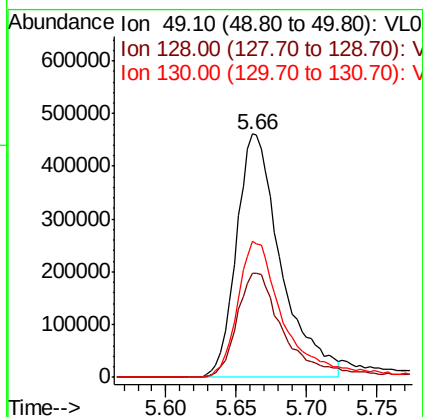
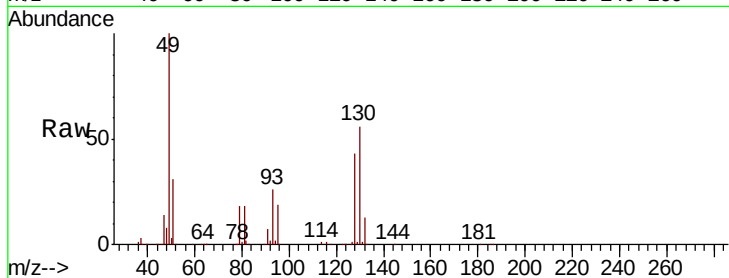
Quant Time: May 06 07:30:14 2022
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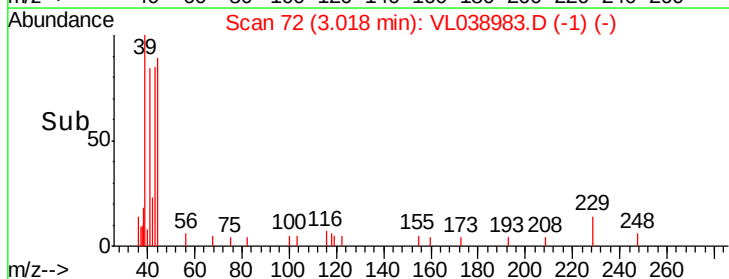
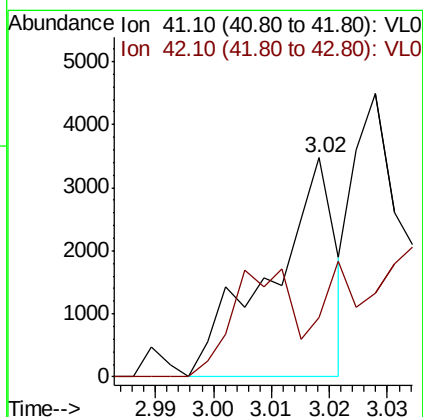
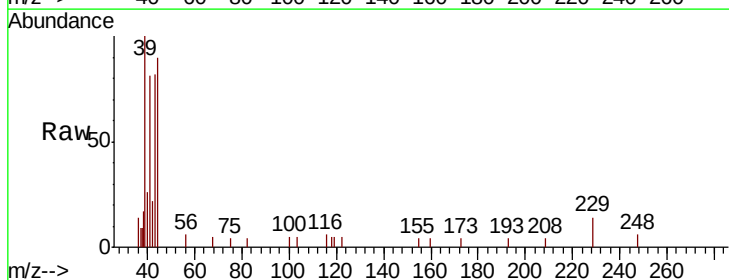
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 OC040222 CAN 10602
 Acq: 5 May 2022 21:50

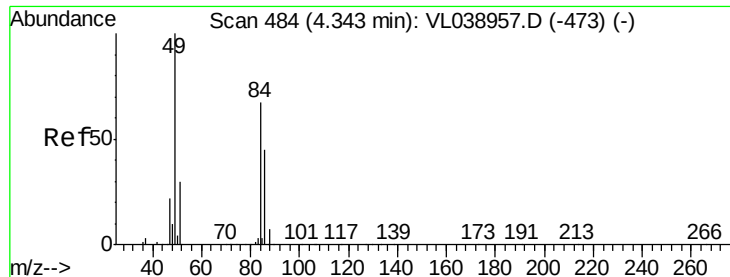
Tot Ion: 49 Resp: 1021220
 Ion Ratio Lower Upper
 49 100
 128 48.0 23.3 69.8
 130 60.0 29.8 89.3



#9
 Propene
 Concen: 0.049 ppbv
 RT: 3.02 min Scan# 72
 Delta R.T.: 0.01 min
 Lab File: VL038983.D
 Acq: 5 May 2022 21:56

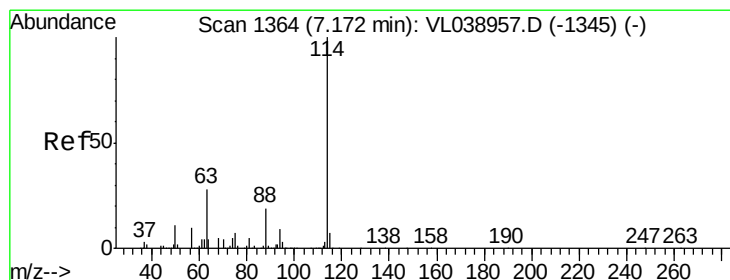
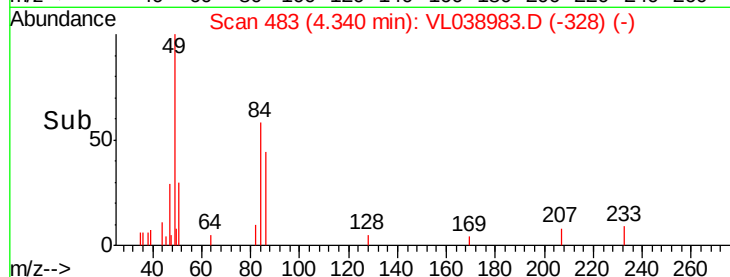
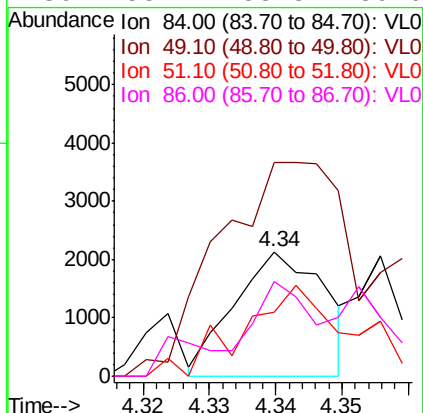
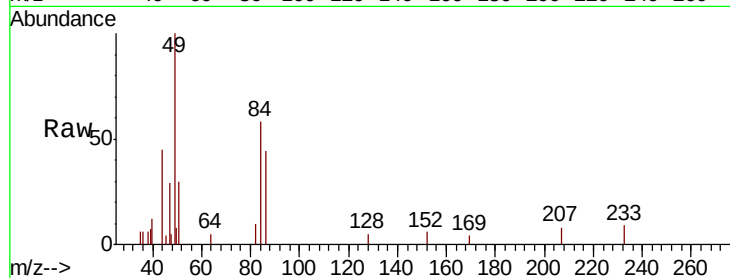
Tgt Ion: 41 Resp: 2698
 Ion Ratio Lower Upper
 41 100
 42 0.0 58.3 87.5#





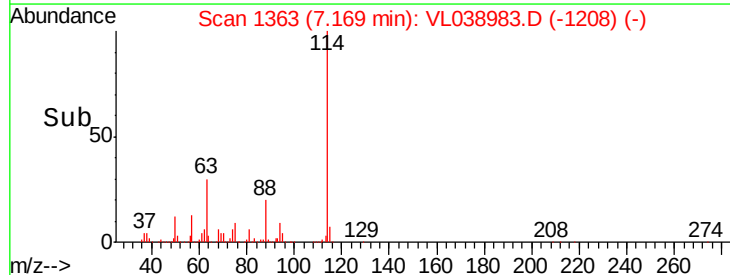
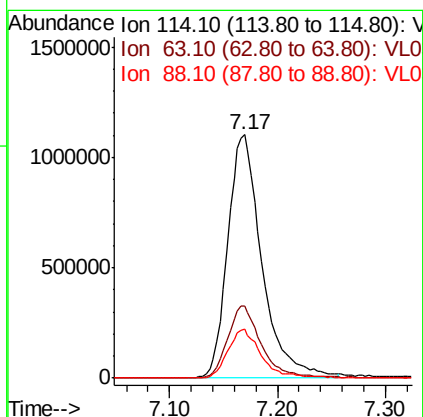
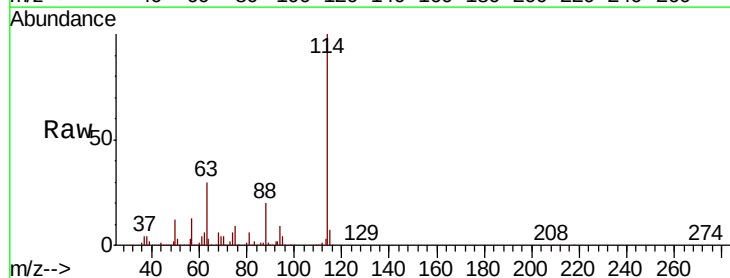
#20
Methylene Chloride
Concen: 0.056 ppbv
RT: 4.34 Instrument: MSVOA_1
Delta R.T.: ClientSampleId:
Lab File: QC040222 CAN 10602
Acq: 5 May 2022 21:50

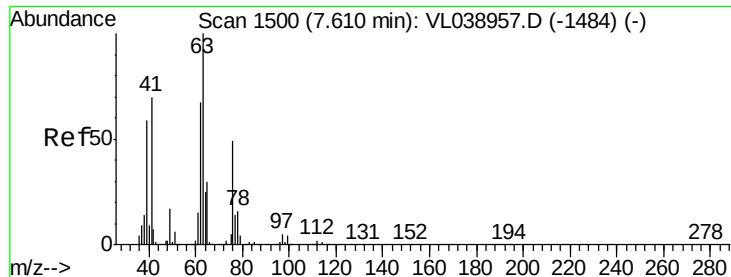
Tot Ion: 84 Resp: 2020
Ion Ratio Lower Upper
84 100
49 115.9 119.9 179.9#
51 55.7 35.7 53.5#
86 53.2 53.8 80.6#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VL038983.D
Acq: 5 May 2022 21:56

Tgt Ion: 114 Resp: 2435220
Ion Ratio Lower Upper
114 100
63 29.8 22.6 33.8
88 19.7 15.4 23.0





#39

1,2-Dichloropropane

Concen: 8.666 ppbv

RT: 7.17 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 21:50 OC040222 CAN 10602

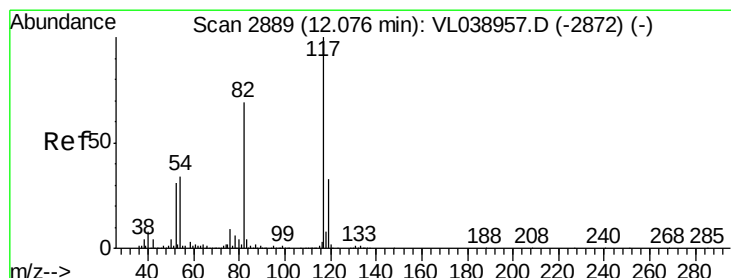
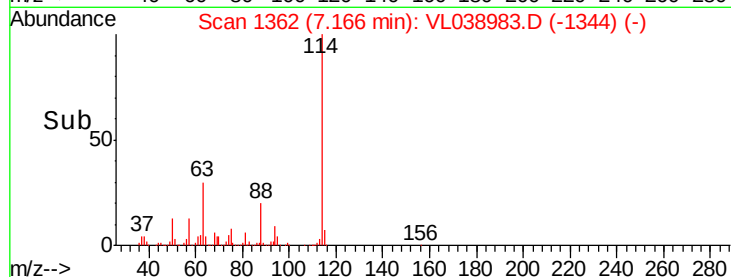
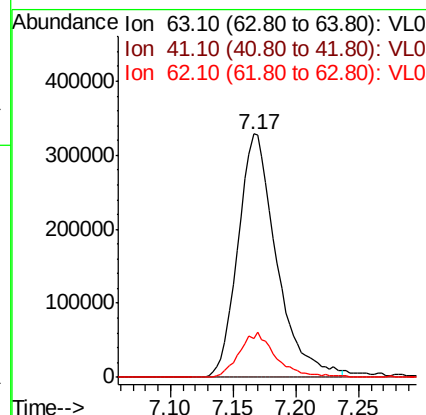
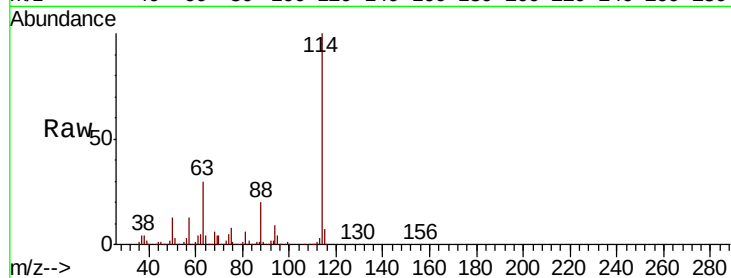
Tot Ion: 63 Resp: 702689

Ion Ratio Lower Upper

63 100

41 0.0 55.9 83.9#

62 15.9 53.8 80.6#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.08 min Scan# 2889

Delta R.T. 0.00 min

Lab File: VL038983.D

Acq: 5 May 2022 21:56

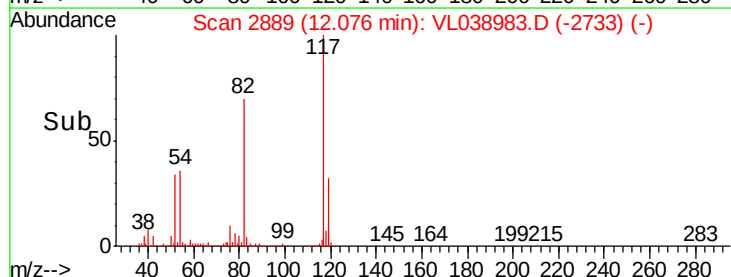
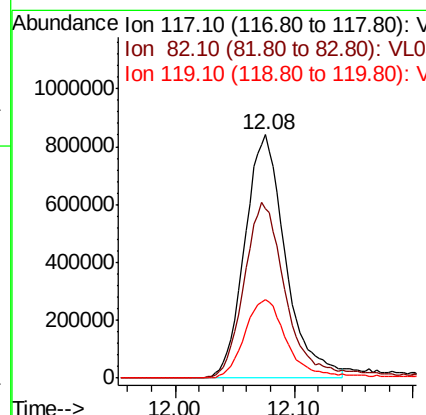
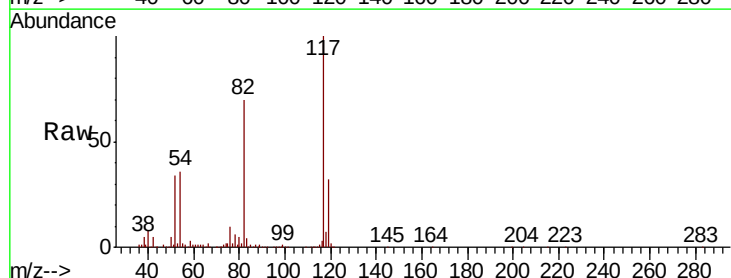
Tgt Ion: 117 Resp: 1993088

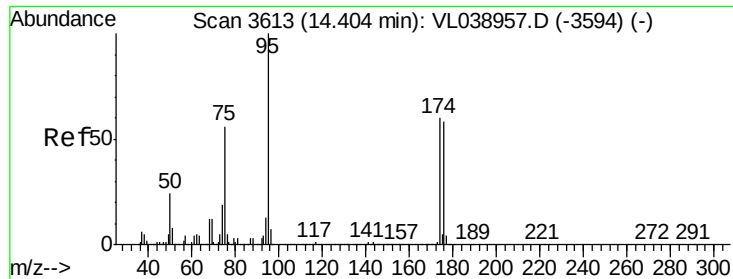
Ion Ratio Lower Upper

117 100

82 78.0 57.0 85.6

119 34.7 27.2 40.8





#68

1-Bromo-4-Fluorobenzene

Concen: 10.324 ppbv

RT: 14.40 Instrument :

Delta R.T MSVOA_L

Lab File: ClientSampleId :

Acq: 5 May 2022 21:50 OC040222 CAN 10602

Tot Ion: 95 Resp: 1629556

Ion Ratio Lower Upper

95 100

174 63.3 50.8 76.2

175 4.2 3.8 5.6

