

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030422\
 Data File : VL038544.D
 Acq On : 4 Mar 2022 21:25
 Operator : SY/AP
 Sample : CAN 10605
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 05 05:00:04 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022
 QLast Update : Tue Feb 22 19:45:51 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	954975	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.14	114	2073893	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.04	117	1759881	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	1396589	9.59	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.90%

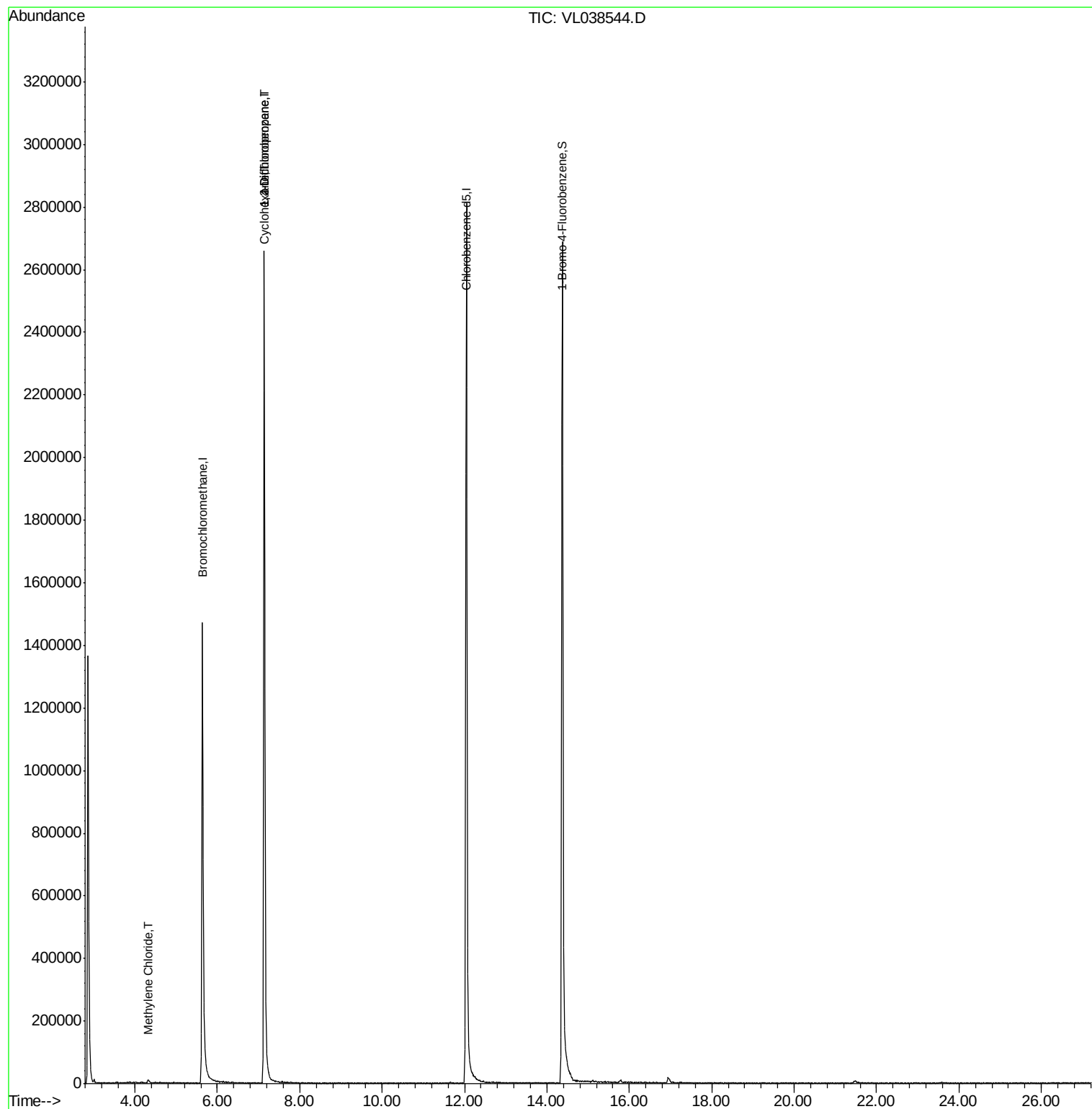
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.32	84	2192	0.054	ppbv #	67
30) Cyclohexane	7.12	84	3693	0.046	ppbv #	1
39) 1,2-Dichloropropane	7.14	63	590514	8.120	ppbv #	25

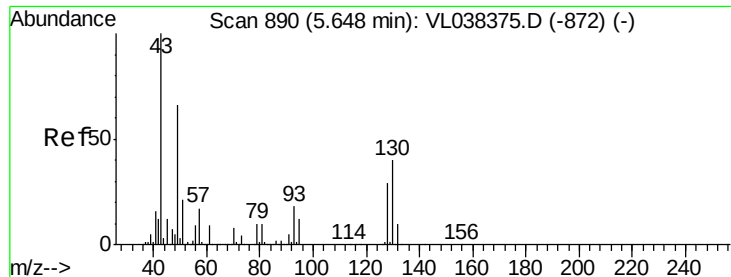
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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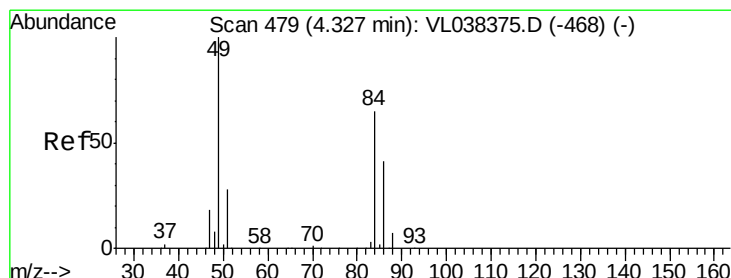
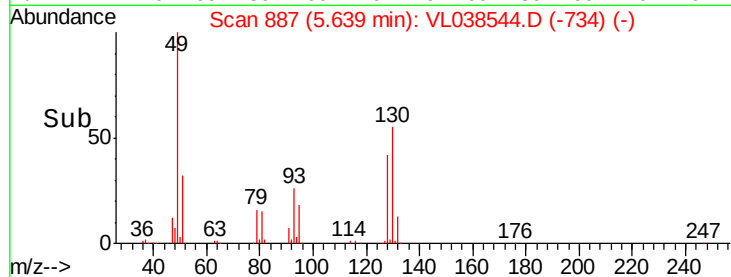
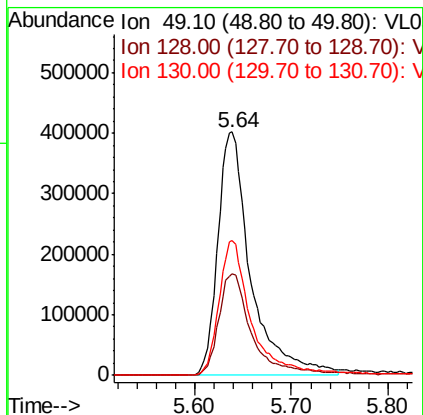
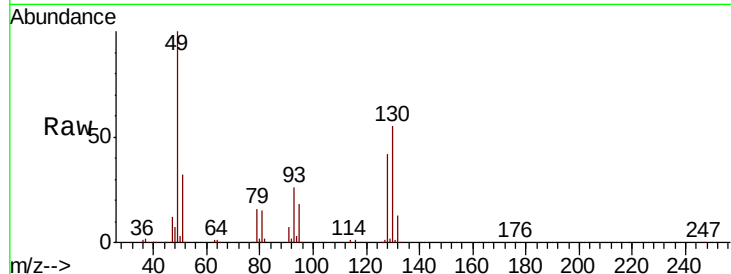
Quant Time: Mar 05 05:00:04 2022
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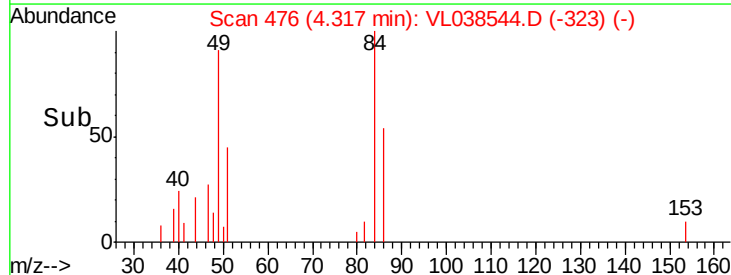
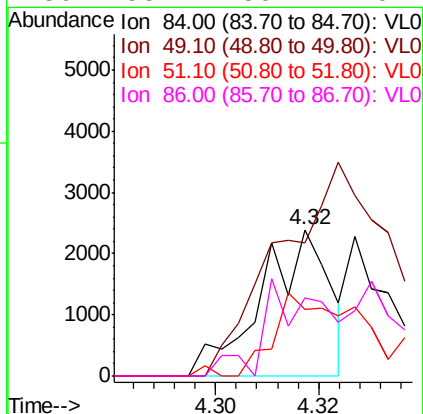
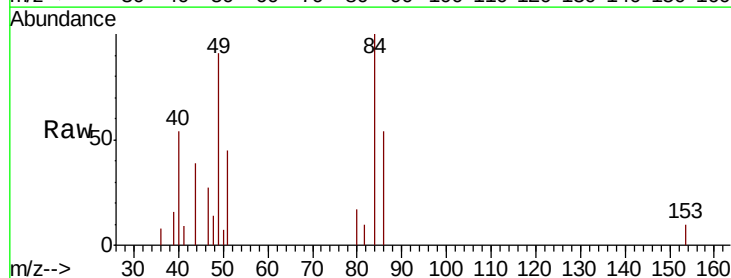
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.64
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 4 Mar 2022 21:25

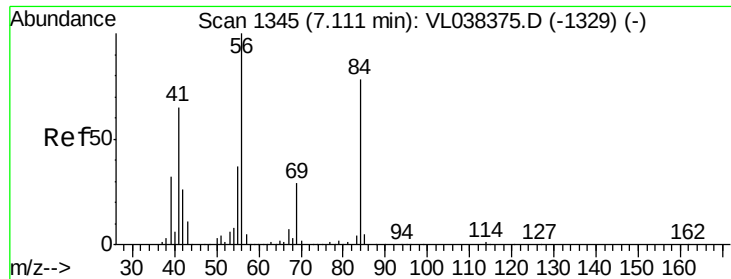
Tot Ion	49	Resp	954975
Ion Ratio	Lower	Upper	
49	100		
128	42.8	24.3	72.9
130	55.6	30.1	90.5



#20
 Methylene Chloride
 Concen: 0.054 ppbv
 RT: 4.32 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: VL038544.D
 Acq: 4 Mar 2022 21:25

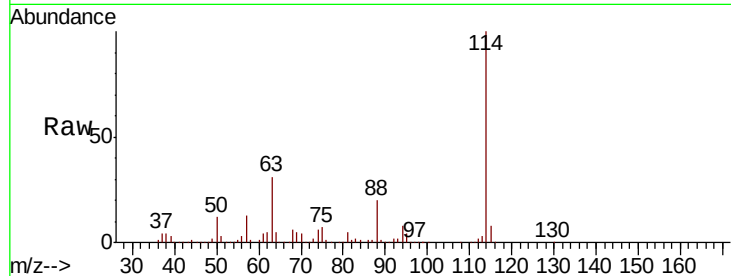
Tgt Ion	84	Resp	2192
Ion Ratio	Lower	Upper	
84	100		
49	90.9	122.4	183.6#
51	45.3	33.3	49.9
86	53.7	50.7	76.1



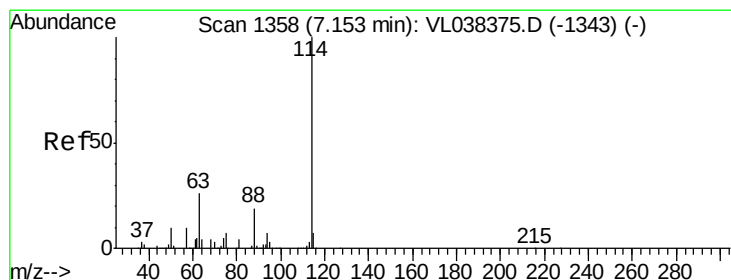
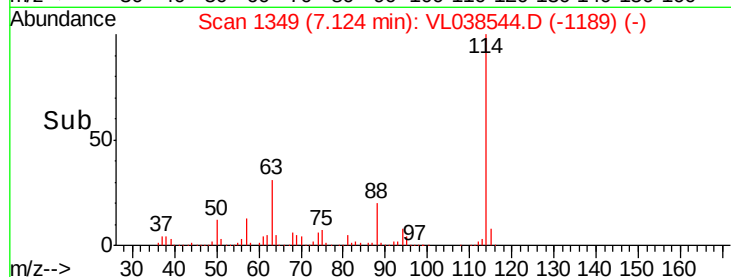
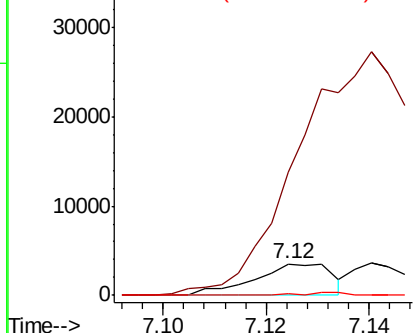


#30
Cyclohexane
Concen: 0.046 ppbv
RT: 7.12 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 4 Mar 2022 21:25

Tot Ion	Ratio	Lower	Upper
84	100		
56	0.0	116.2	174.4#
41	4.7	74.3	111.5#

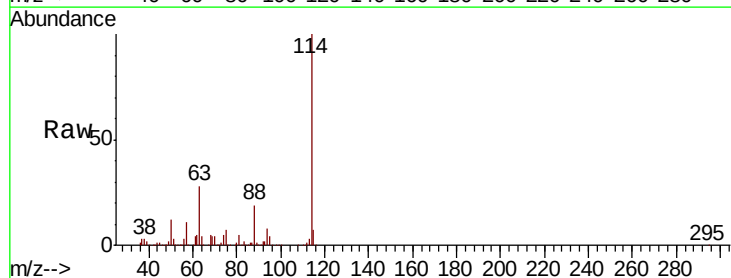


Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0

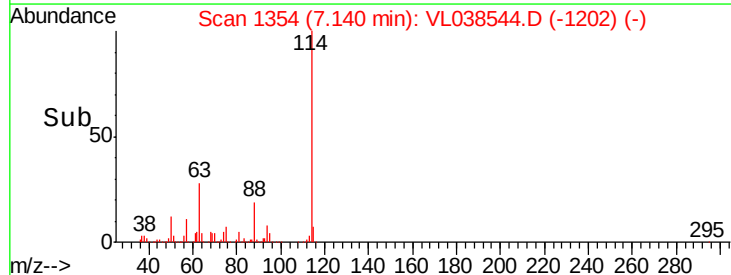
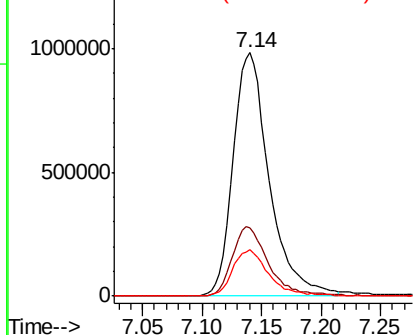


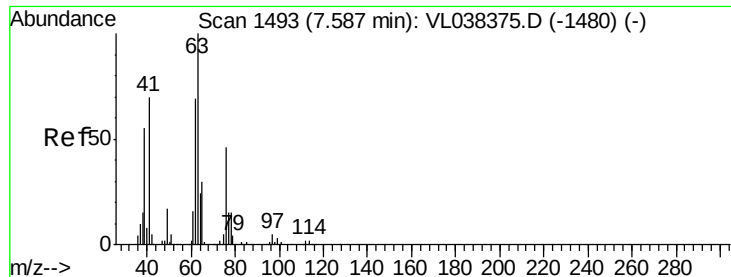
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. -0.01 min
Lab File: VL038544.D
Acq: 4 Mar 2022 21:25

Tgt Ion	Ratio	Lower	Upper
114	100		
63	29.0	22.2	33.2
88	19.3	15.2	22.8



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: 8.120 ppbv

RT: 7.14 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 4 Mar 2022 21:25

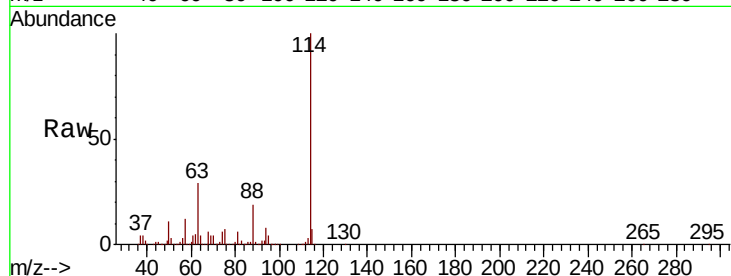
Tot Ion: 63 Resp: 590514

Ion Ratio Lower Upper

63 100

41 0.0 56.1 84.1#

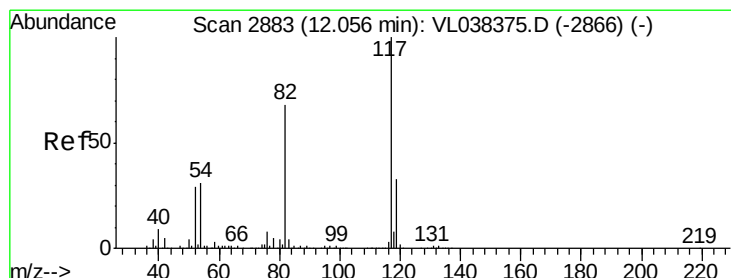
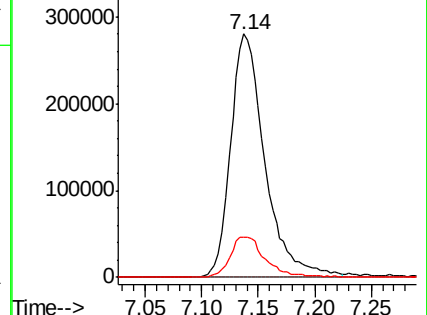
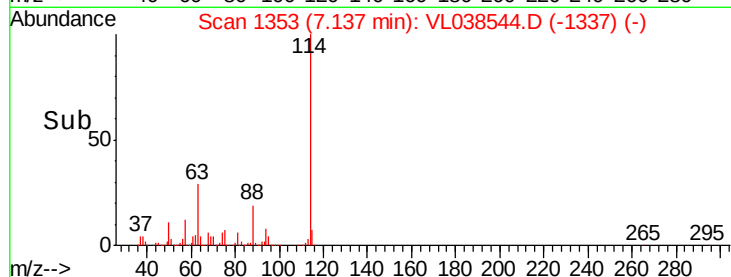
62 16.3 55.5 83.3#



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: 12.04 min Scan# 2879

Delta R.T. -0.01 min

Lab File: VL038544.D

Acq: 4 Mar 2022 21:25

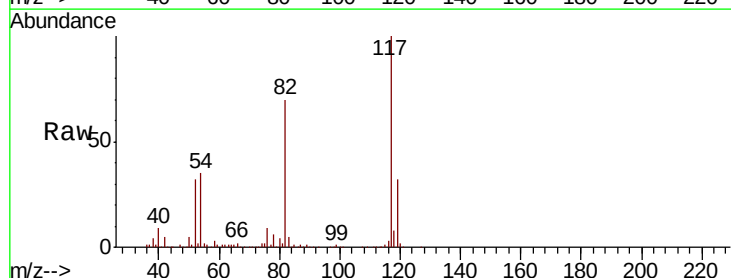
Tgt Ion: 117 Resp: 1759881

Ion Ratio Lower Upper

117 100

82 74.1 54.9 82.3

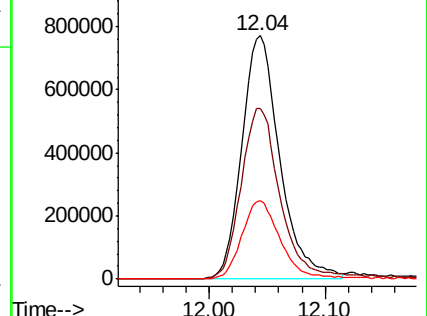
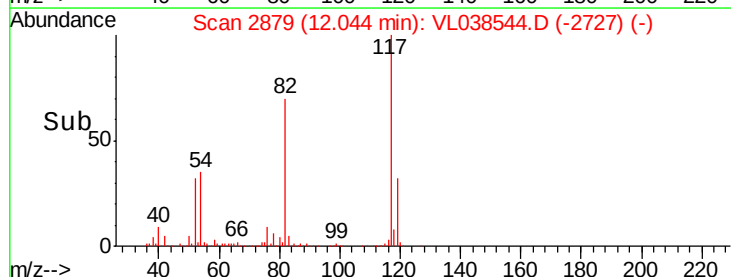
119 33.4 46.1 69.1#

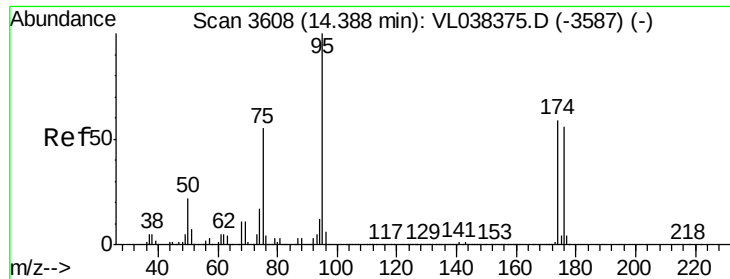


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.591 ppbv

RT: 14.37

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 4 Mar 2022 21:25

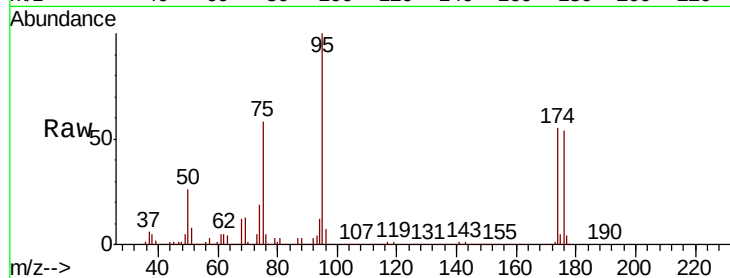
Tot Ion: 95 Resp: 1396589

Ion Ratio Lower Upper

95 100

174 59.9 49.0 73.4

175 4.3 3.6 5.4



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

