

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032122\
 Data File : VL038661.D
 Acq On : 21 Mar 2022 22:03
 Operator : SY/AP
 Sample : QC031722 CAN 10323
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC031722 CAN 10323

Quant Time: Mar 22 03:50:52 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Mar 21 17:09:26 2022
 QLast Update : Mon Mar 21 17:09:26 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	867089	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2235565	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	1952329	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1469896	9.82	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.20%

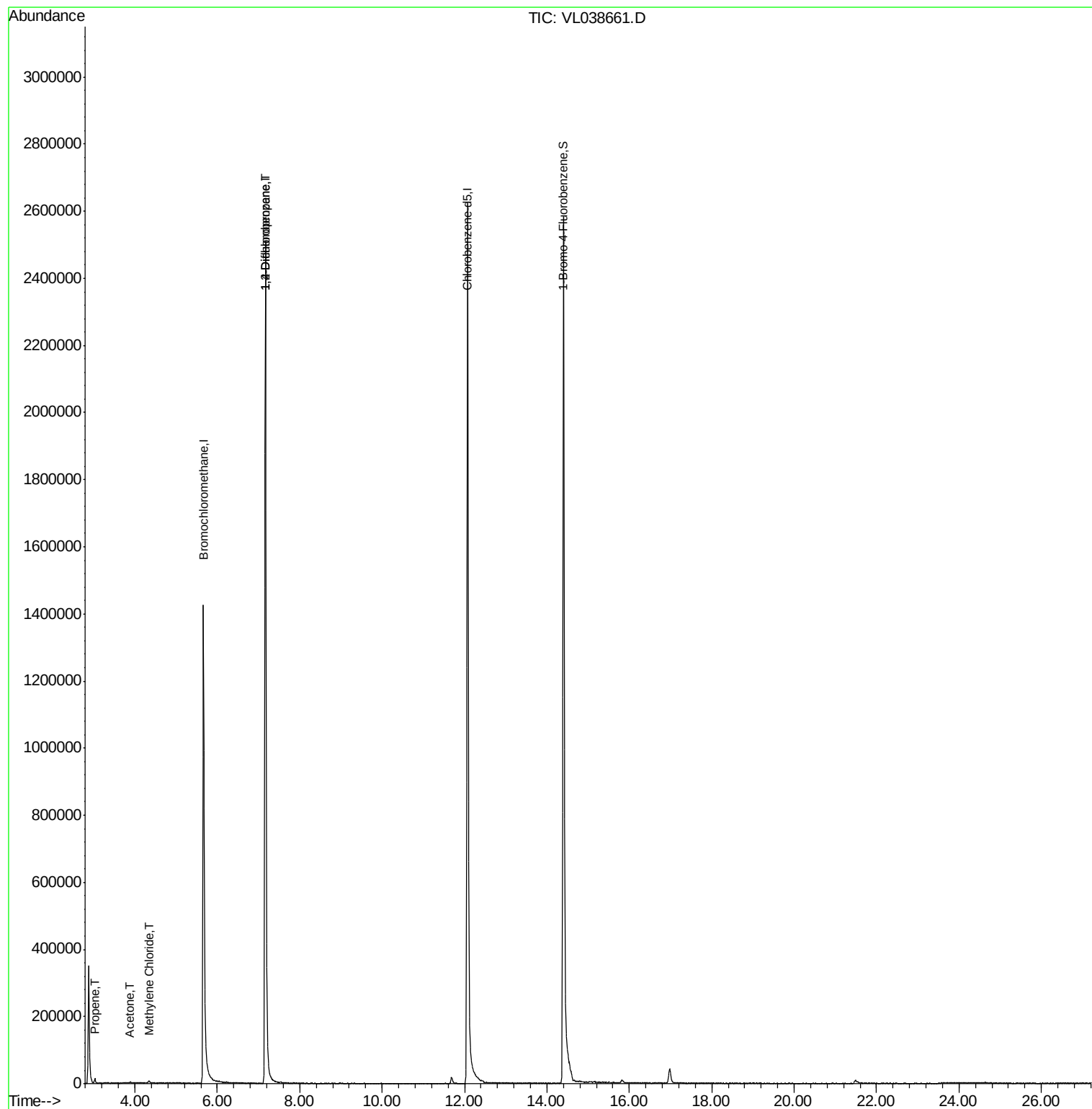
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	2363	0.05	ppbv #	56
15) Acetone	3.88	43	1557	0.02	ppbv #	46
20) Methylene Chloride	4.34	84	2106	0.07	ppbv #	70
39) 1,2-Dichloropropane	7.17	63	530638	7.87	ppbv #	28

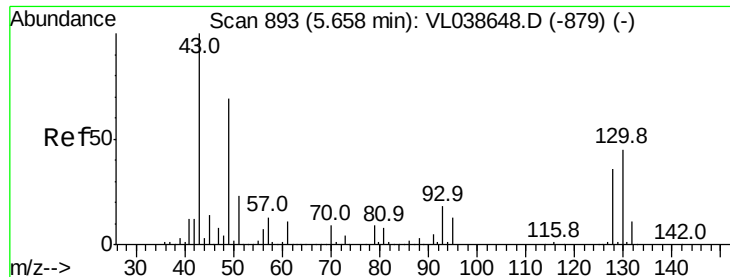
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Mar 2022 22:03

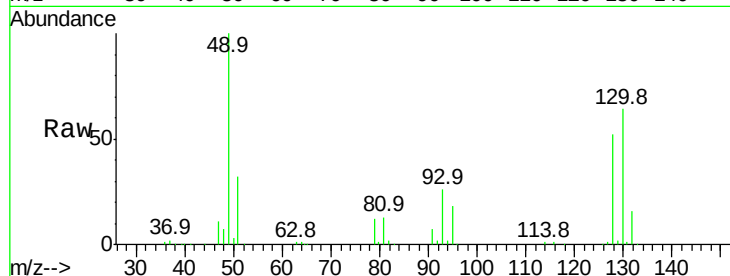
Tgt Ion: 49 Resp: 867089

Ion Ratio Lower Upper

49 100

128 53.1 26.2 78.6

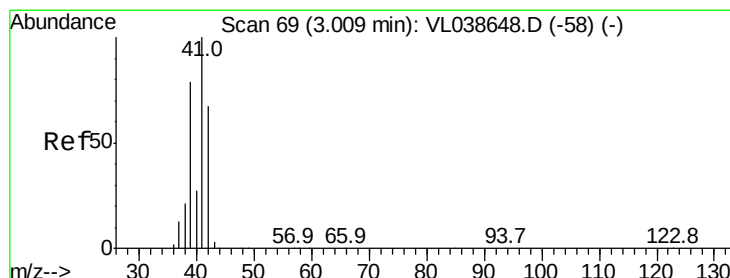
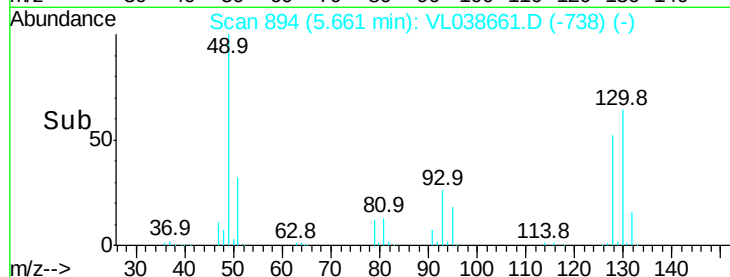
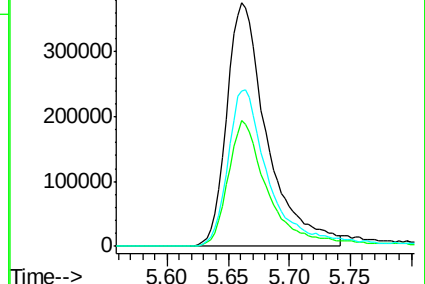
130 69.3 33.7 101.1



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



#9

Propene

Concen: 0.05 ppbv

RT: 3.02 min Scan# 73

Delta R.T. 0.01 min

Lab File: VL038661.D

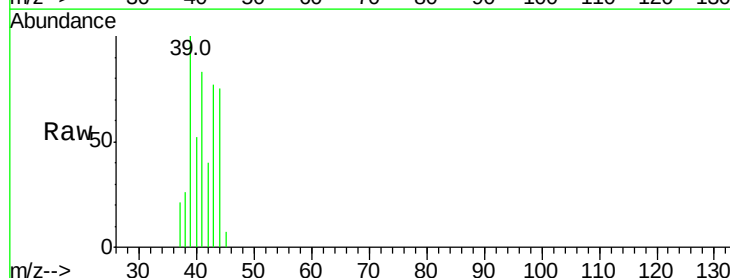
Acq: 21 Mar 2022 22:03

Tgt Ion: 41 Resp: 2363

Ion Ratio Lower Upper

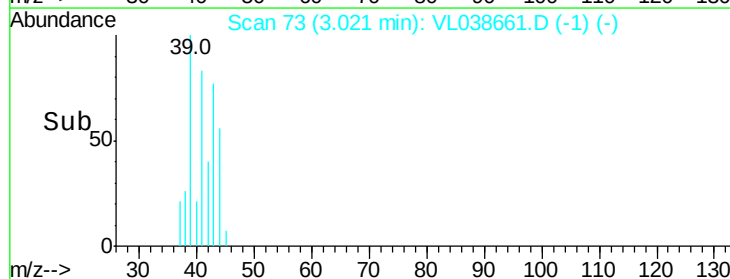
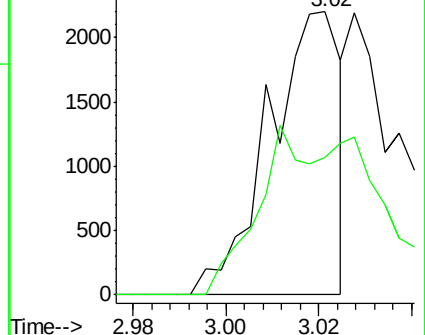
41 100

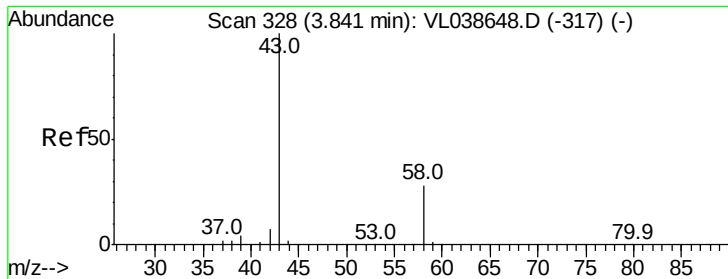
42 106.6 56.2 84.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.02 ppbv

RT: 3.88 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

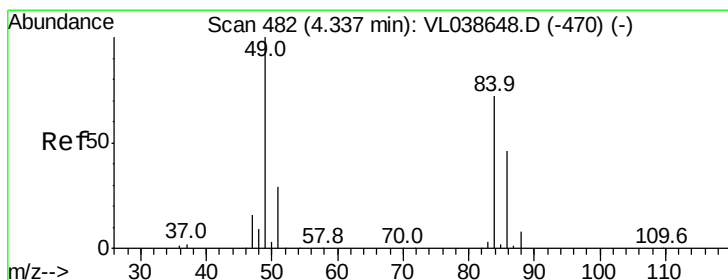
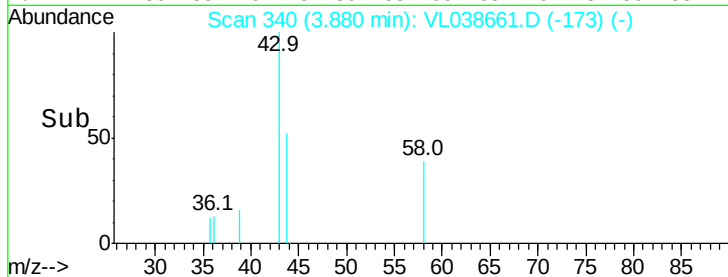
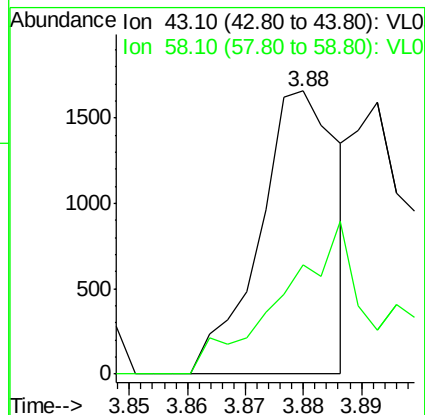
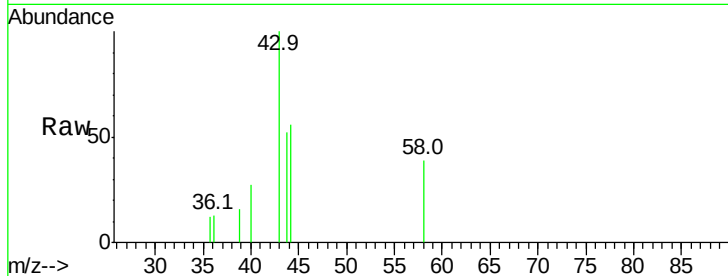
Acq: 21 Mar 2022 22:03

Tgt Ion: 43 Resp: 1557

Ion Ratio Lower Upper

43 100

58 0.0 23.3 34.9#



#20

Methylene Chloride

Concen: 0.07 ppbv

RT: 4.34 min Scan# 484

Delta R.T. 0.01 min

Lab File: VL038661.D

Acq: 21 Mar 2022 22:03

Tgt Ion: 84 Resp: 2106

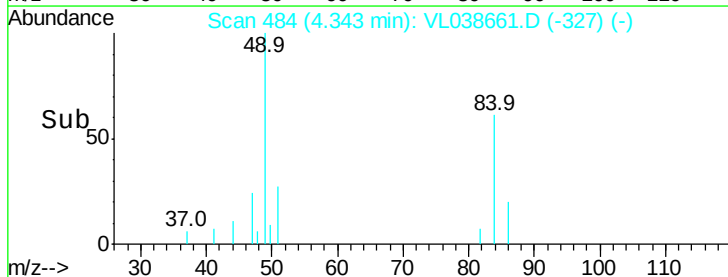
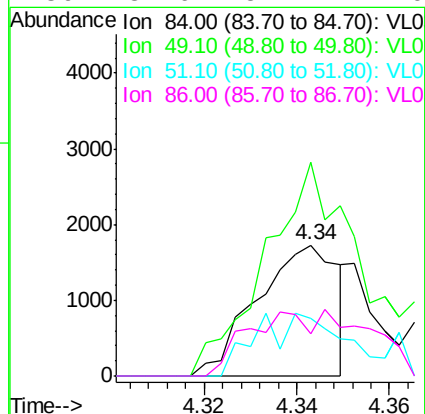
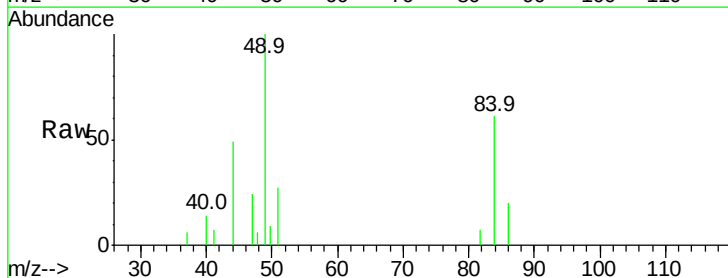
Ion Ratio Lower Upper

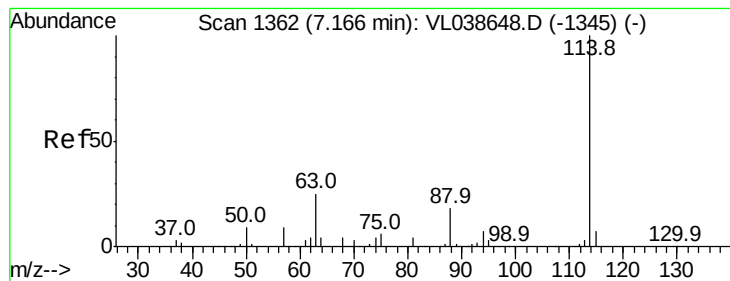
84 100

49 179.0 111.2 166.8#

51 44.3 32.8 49.2

86 32.6 51.4 77.0#





#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.17 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Mar 2022 22:03

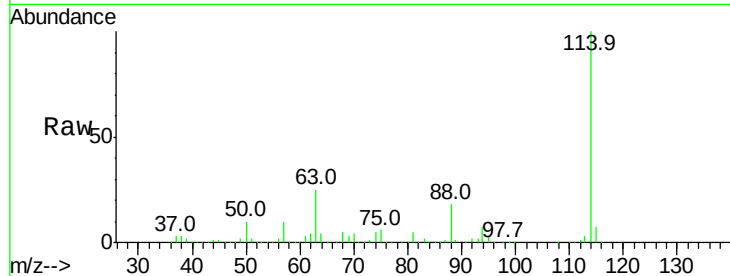
Tgt Ion: 114 Resp: 2235565

Ion Ratio Lower Upper

114 100

63 24.0 19.4 29.0

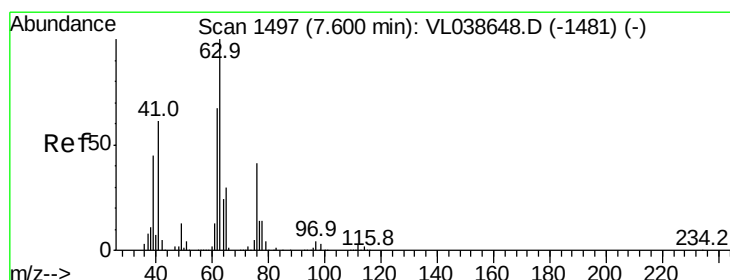
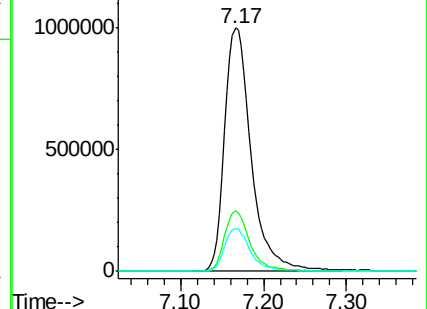
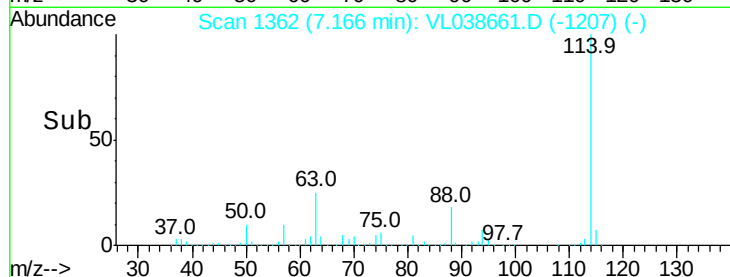
88 17.4 13.9 20.9



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: 7.87 ppbv

RT: 7.17 min Scan# 1362

Delta R.T. -0.43 min

Lab File: VL038661.D

Acq: 21 Mar 2022 22:03

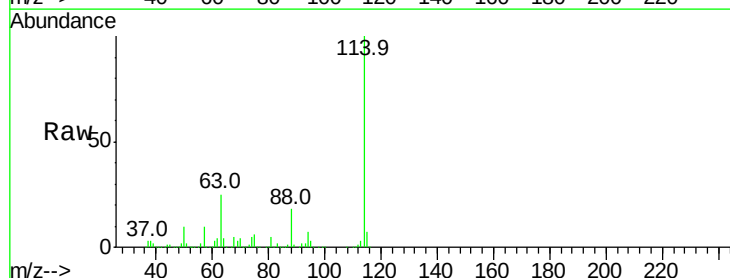
Tgt Ion: 63 Resp: 530638

Ion Ratio Lower Upper

63 100

41 0.2 49.0 73.6#

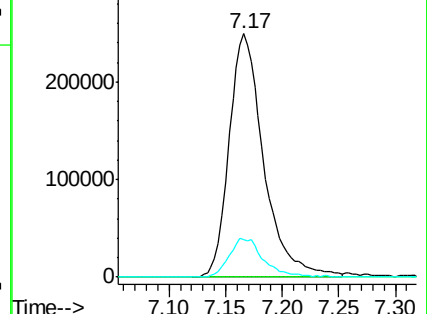
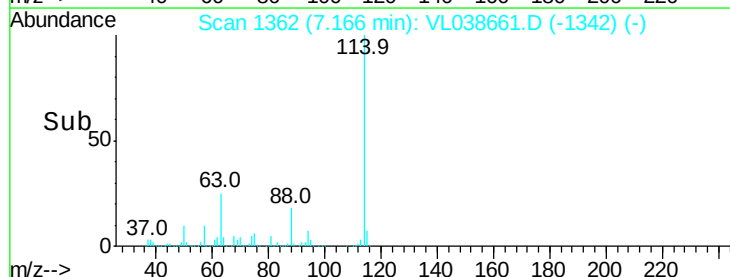
62 15.2 53.9 80.9#

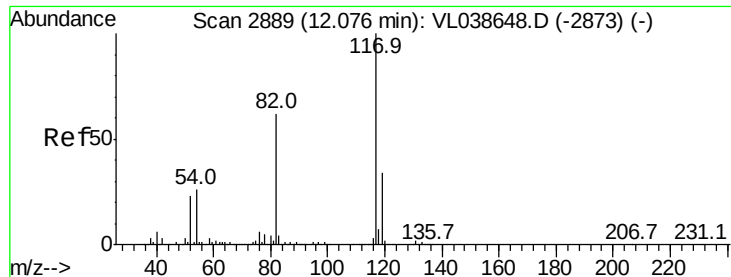


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

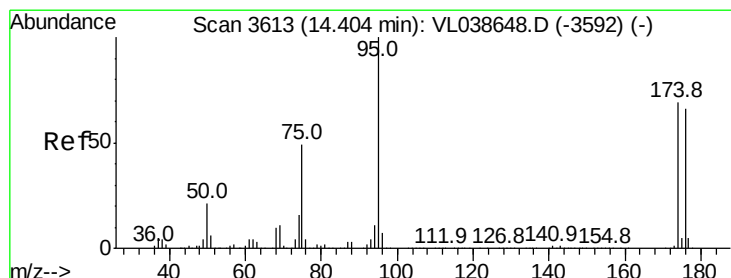
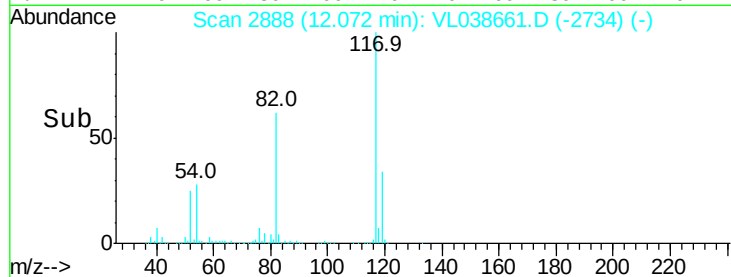
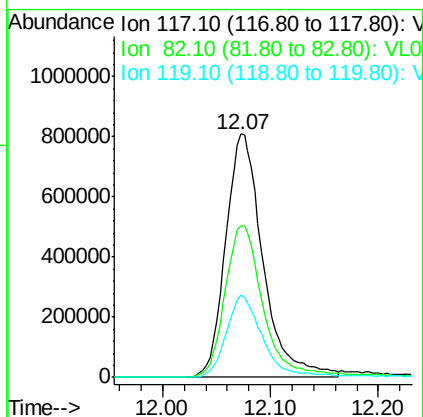
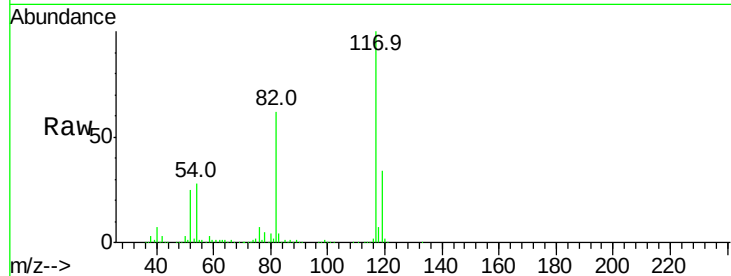




#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.07 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 OC031722 CAN 10323
 Acq: 21 Mar 2022 22:03

Tgt Ion: 117 Resp: 1952329

Ion	Ratio	Lower	Upper
117	100		
82	67.1	51.6	77.4
119	33.8	26.9	40.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.82 ppbv
 RT: 14.40 min Scan# 3613
 Delta R.T.: -0.00 min
 Lab File: VL038661.D
 Acq: 21 Mar 2022 22:03

Tgt Ion: 95 Resp: 1469896

Ion	Ratio	Lower	Upper
95	100		
174	71.7	56.1	84.1
175	4.8	4.2	6.2

