

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030322\
Data File : VL038509.D
Acq On : 3 Mar 2022 11:33
Operator : SY/AP
Sample : VL0303ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0303ABL01

Quant Time: Mar 04 05:37:09 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	5.66	49	800601	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.17	114	1838503	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.07	117	1594318	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1313999	9.96	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%

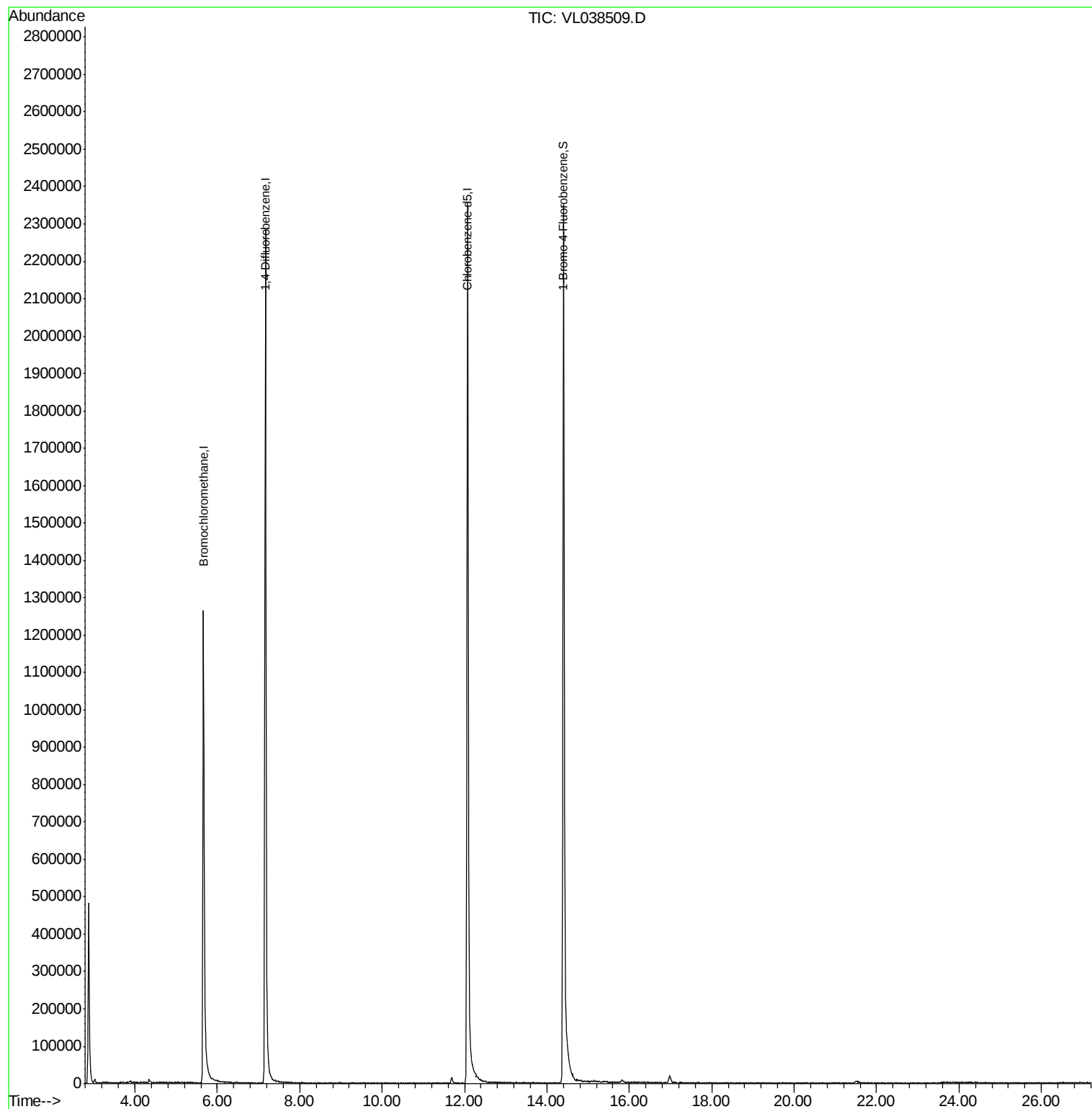
Target Compounds	Qvalue
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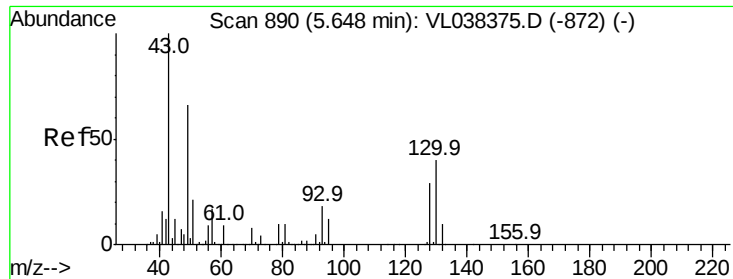
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2022 11:33 VL0303ABL01

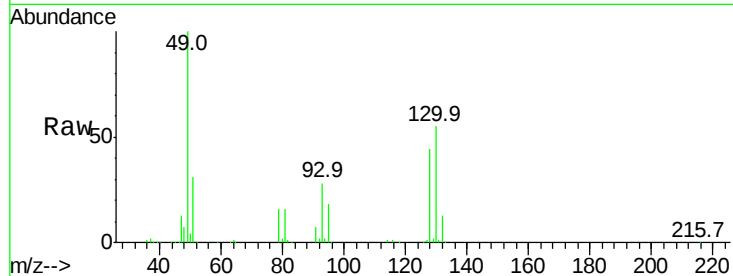
Tgt Ion: 49 Resp: 800601

Ion Ratio Lower Upper

49 100

128 45.7 24.3 72.9

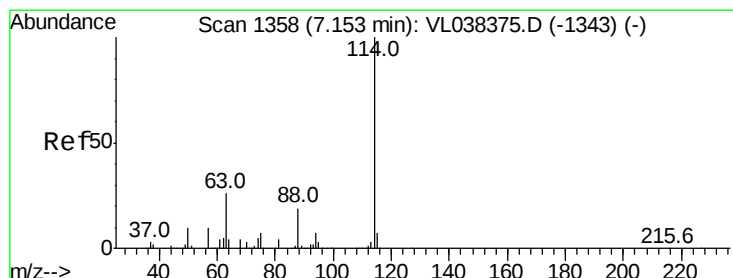
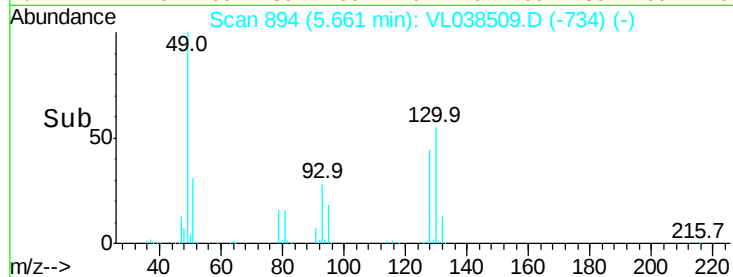
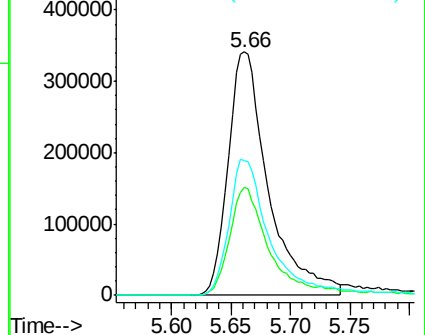
130 57.8 30.1 90.5



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



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.17 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VL038509.D

Acq: 3 Mar 2022 11:33

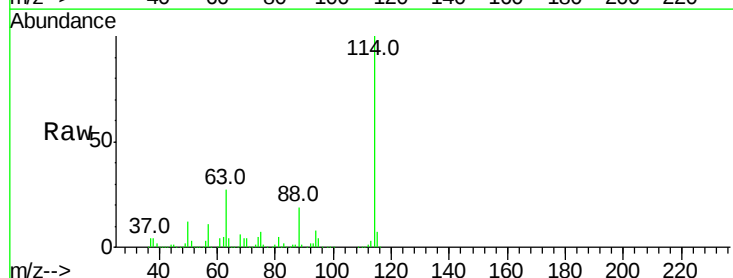
Tgt Ion: 114 Resp: 1838503

Ion Ratio Lower Upper

114 100

63 28.3 22.2 33.2

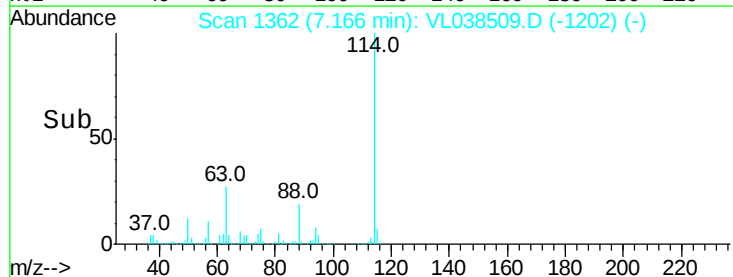
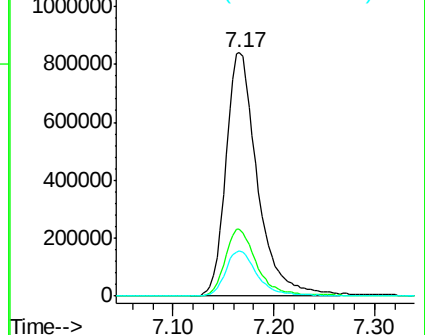
88 19.1 15.2 22.8

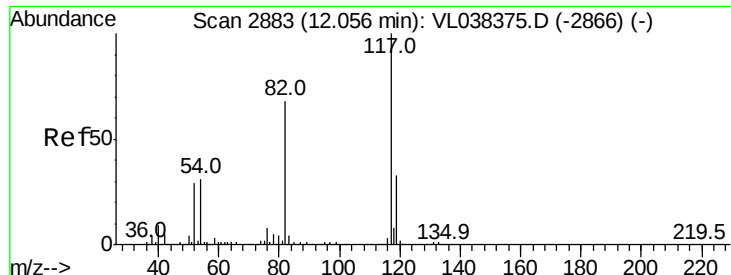


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

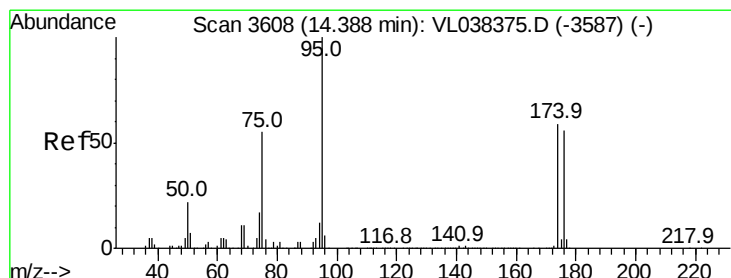
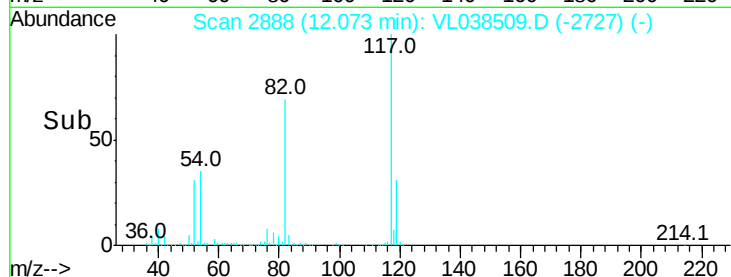
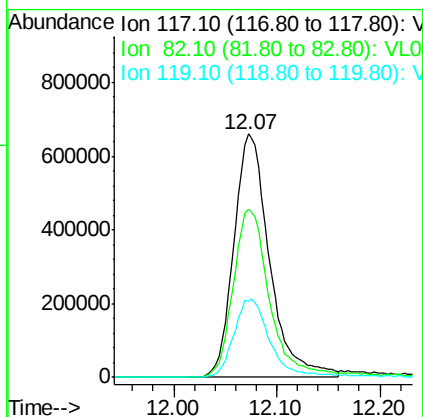
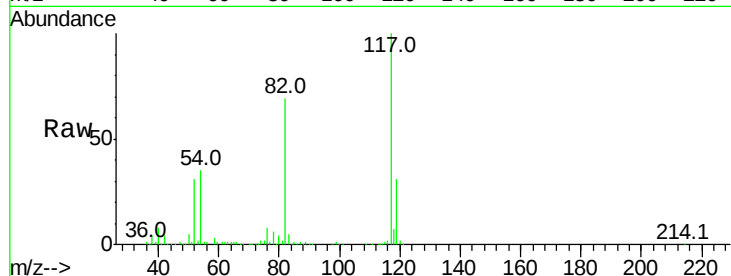
Ion 88.10 (87.80 to 88.80): VL0





#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.07 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampled : VL0303ABL01
 Acq: 3 Mar 2022 11:33

Tgt Ion: 117 Resp: 1594318
 Ion Ratio Lower Upper
 117 100
 82 73.3 54.9 82.3
 119 34.0 46.1 69.1#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.96 ppbv
 RT: 14.40 min Scan# 3613
 Delta R.T.: 0.02 min
 Lab File: VL038509.D
 Acq: 3 Mar 2022 11:33

Tgt Ion: 95 Resp: 1313999
 Ion Ratio Lower Upper
 95 100
 174 59.3 49.0 73.4
 175 4.4 3.6 5.4

