

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041422\
Data File : VL038917.D
Acq On : 14 Apr 2022 14:20
Operator : SY/AP
Sample : VL0414ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0414ABL01

Quant Time: Apr 15 09:12:55 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1285244	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	2970713	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	2522467	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2080556	10.87	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.70%

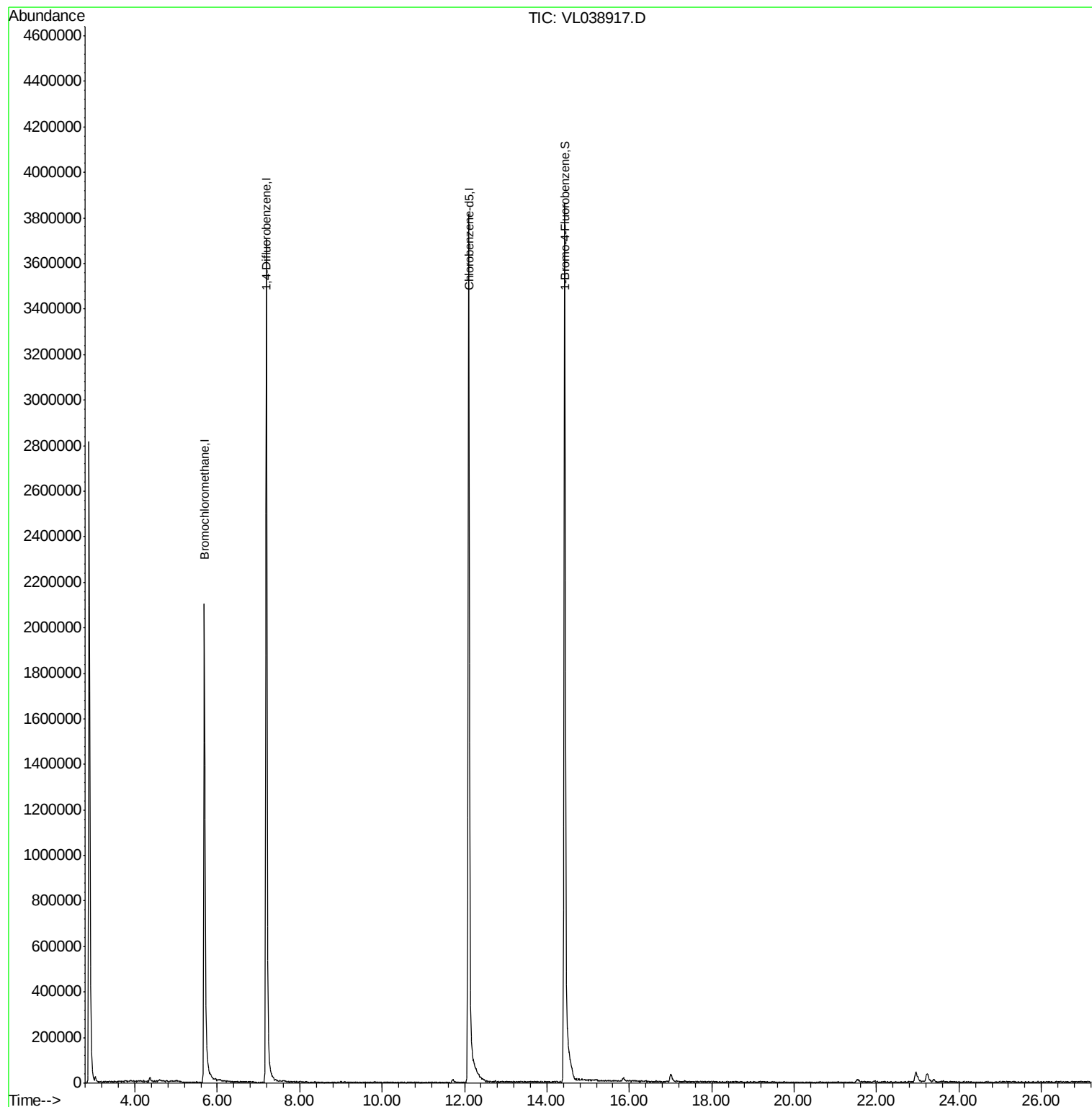
Target Compounds	Ovalue
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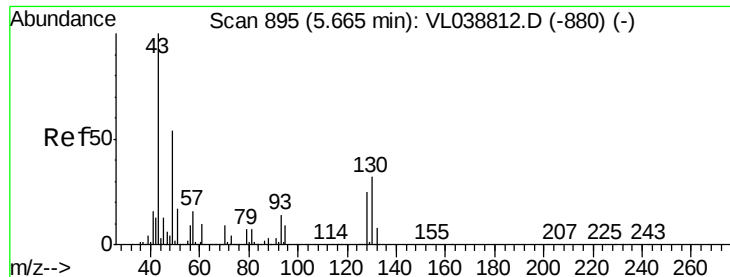
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0414ABL01

Acq: 14 Apr 2022 14:20

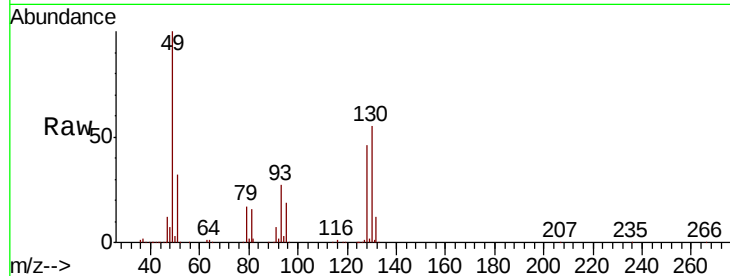
Tot Ion: 49 Resp: 1285244

Ion Ratio Lower Upper

49 100

128 46.2 24.1 72.3

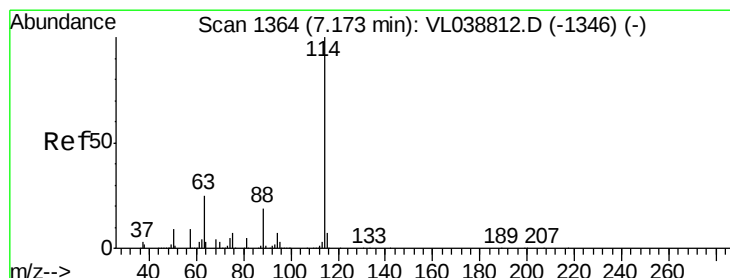
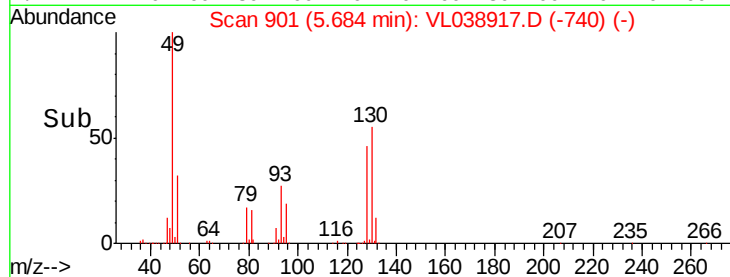
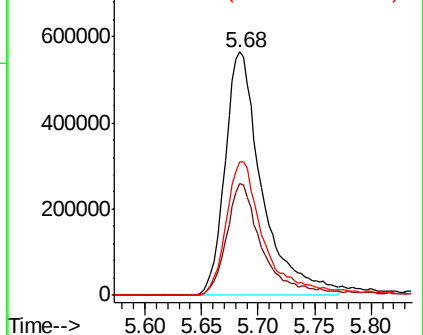
130 58.9 30.9 92.8



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: 10.000 ppbv

RT: 7.19 min Scan# 1369

Delta R.T. 0.02 min

Lab File: VL038917.D

Acq: 14 Apr 2022 14:20

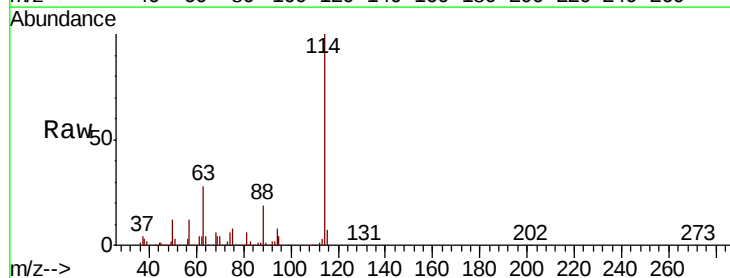
Tgt Ion: 114 Resp: 2970713

Ion Ratio Lower Upper

114 100

63 29.1 19.8 29.8

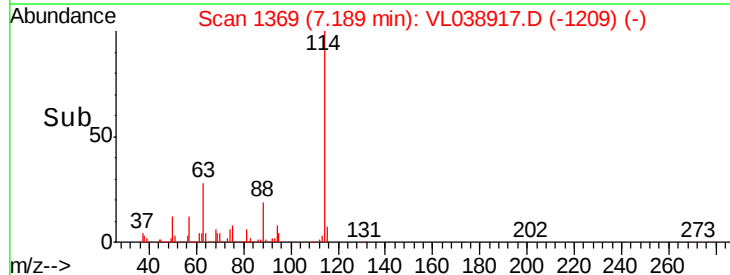
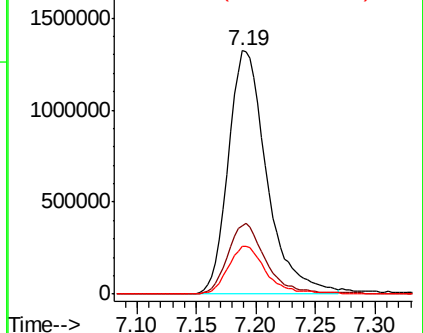
88 19.6 14.2 21.4

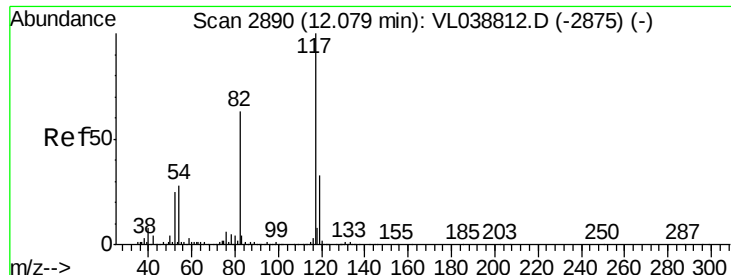


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

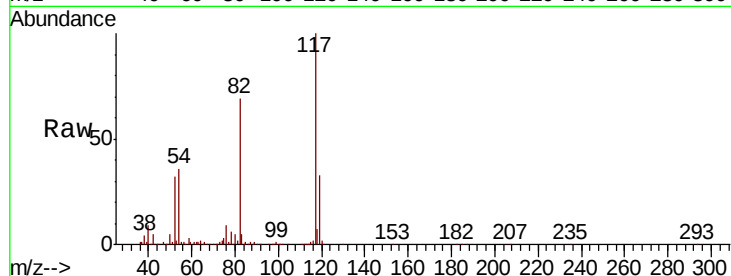
Ion 88.10 (87.80 to 88.80): VL0



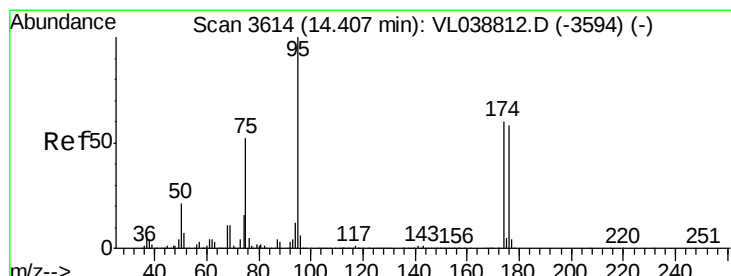
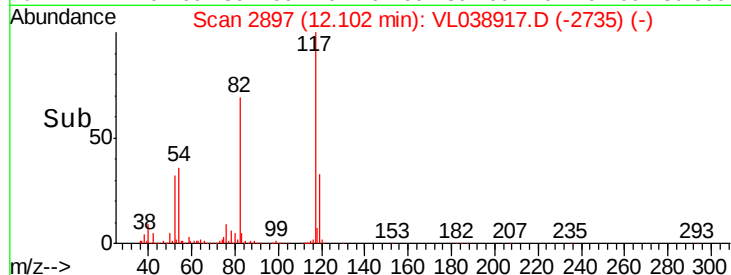
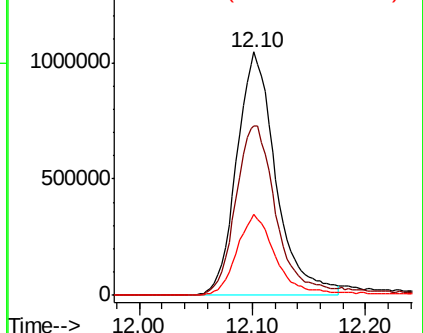


#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0414ABL01
 Acq: 14 Apr 2022 14:20

Tot Ion:117 Resp: 2522467
 Ion Ratio Lower Upper
 117 100
 82 77.9 53.0 79.6
 119 34.6 24.9 37.3

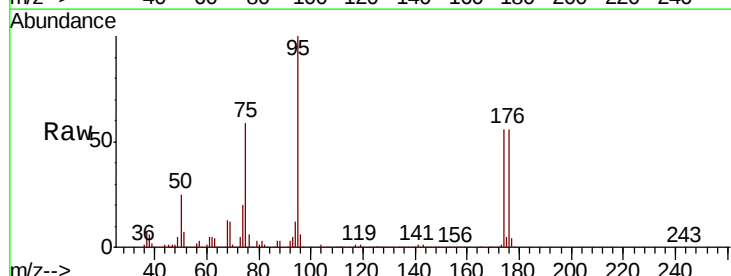


Abundance Ion 117.10 (116.80 to 117.80): V
 Ion 82.10 (81.80 to 82.80): VL0
 Ion 119.10 (118.80 to 119.80): V



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.874 ppbv
 RT: 14.43 min Scan# 3622
 Delta R.T.: 0.03 min
 Lab File: VL038917.D
 Acq: 14 Apr 2022 14:20

Tgt Ion: 95 Resp: 2080556
 Ion Ratio Lower Upper
 95 100
 174 64.2 52.0 78.0
 175 4.5 4.0 6.0



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

