

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112321\
Data File : VL038126.D
Acq On : 24 Nov 2021 8:31
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Quant Time: Nov 26 06:14:04 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Nov 18 13:16:09 2021
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	792207	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	2290216	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.05	117	1967664	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	1578858	11.12	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	111.20%

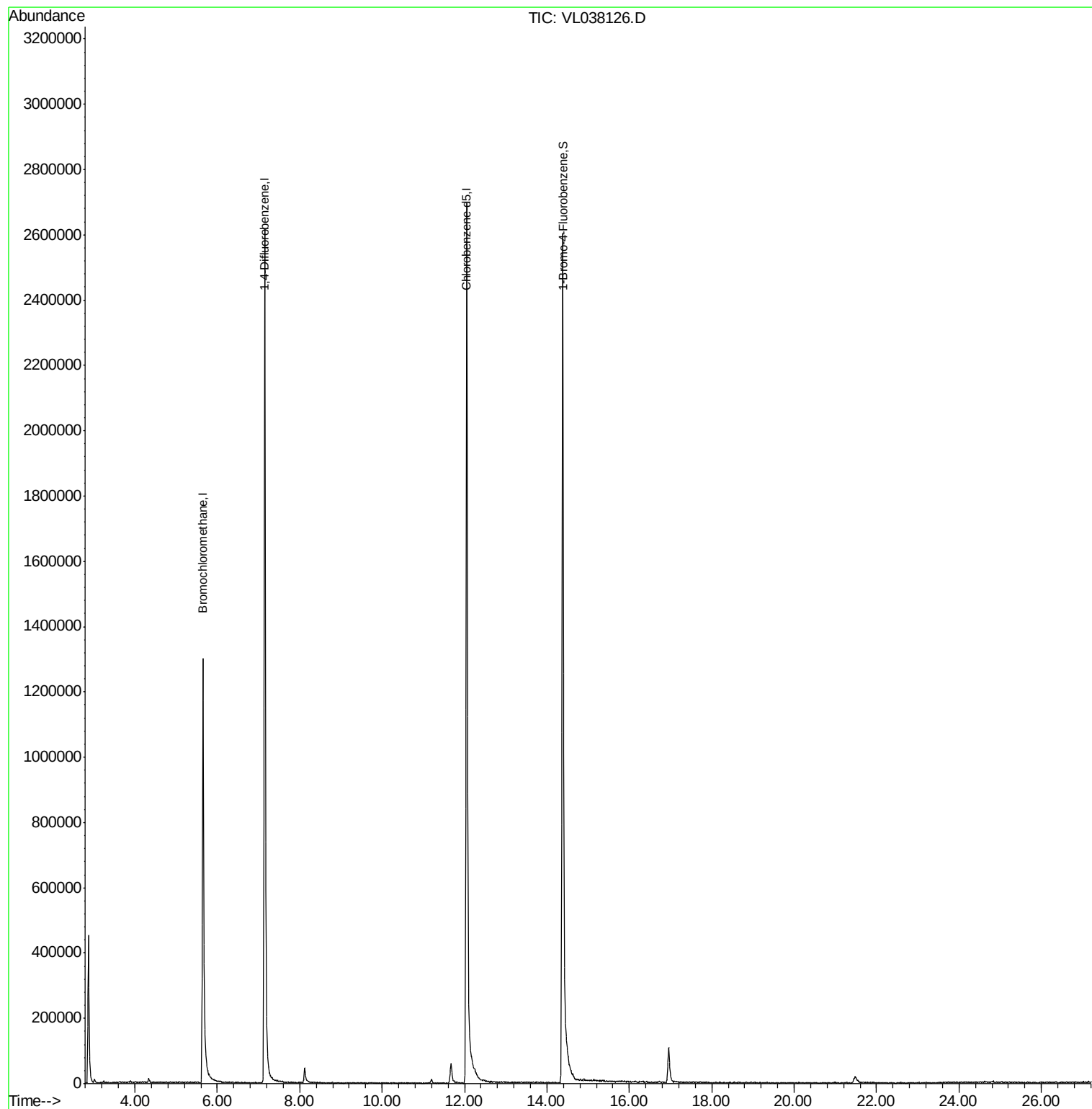
Target Compounds	Ovalue
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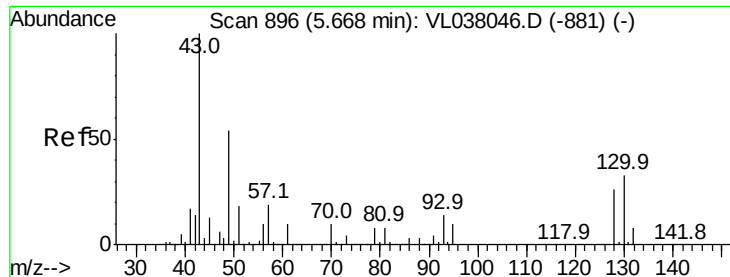
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 24 Nov 2021 8:31 VSTDCCC010EC

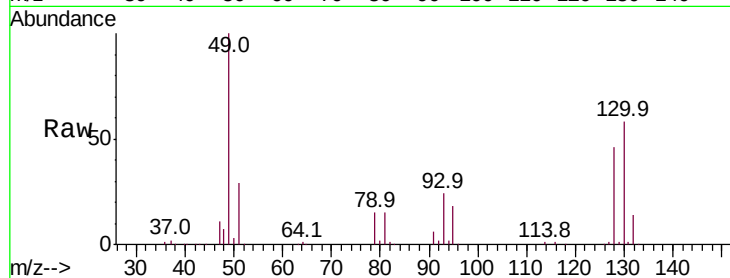
Tot Ion: 49 Resp: 792207

Ion Ratio Lower Upper

49 100

128 50.3 26.5 79.5

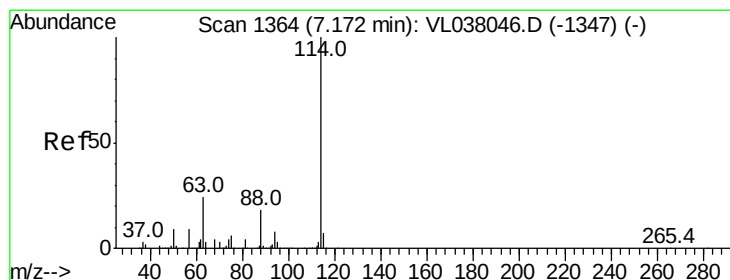
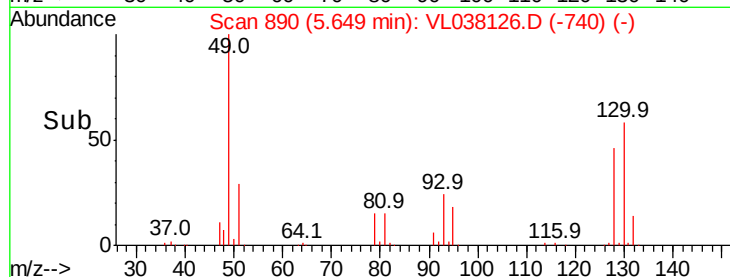
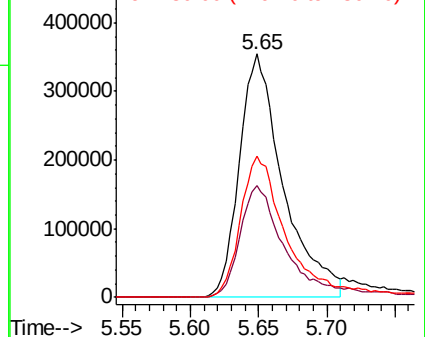
130 64.9 32.5 97.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.15 min Scan# 1357

Delta R.T. -0.02 min

Lab File: VL038126.D

Acq: 24 Nov 2021 8:31

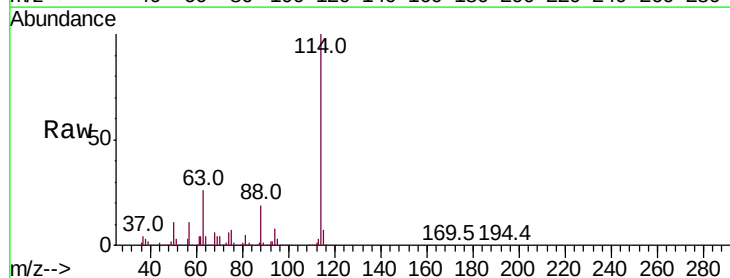
Tgt Ion:114 Resp: 2290216

Ion Ratio Lower Upper

114 100

63 26.7 19.7 29.5

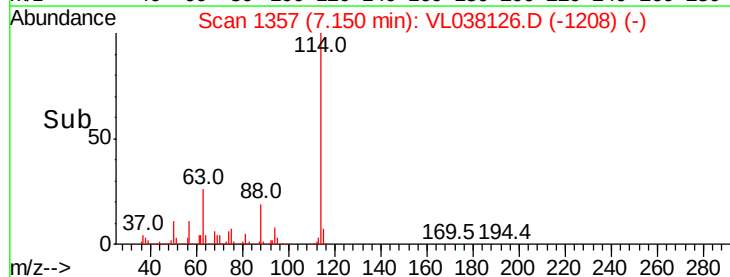
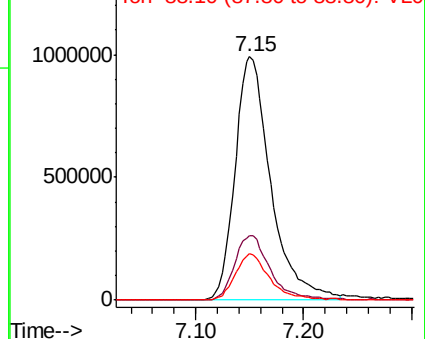
88 18.8 14.4 21.6

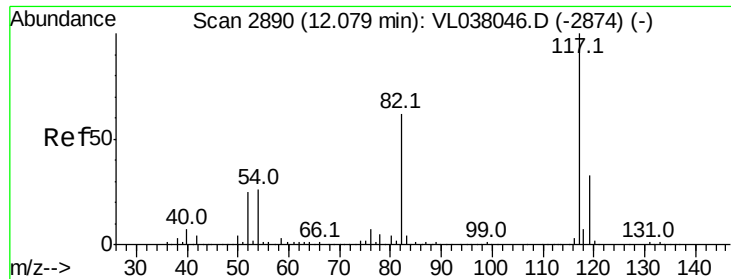


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

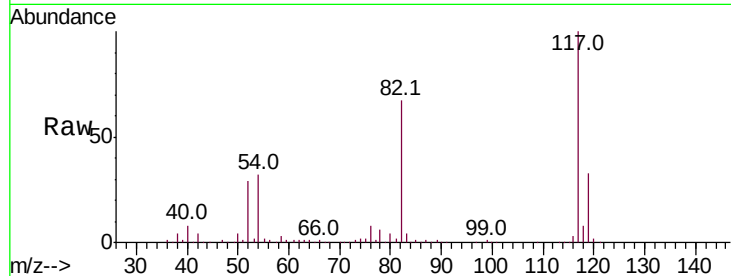
Ion 88.10 (87.80 to 88.80): VL0



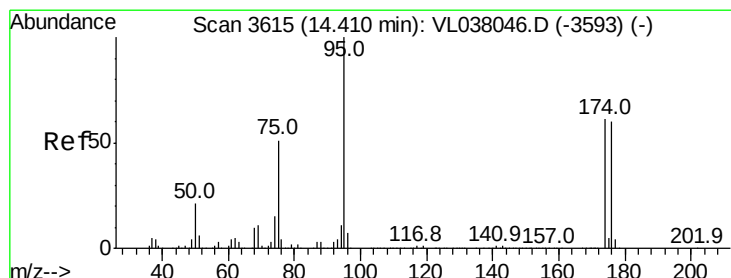
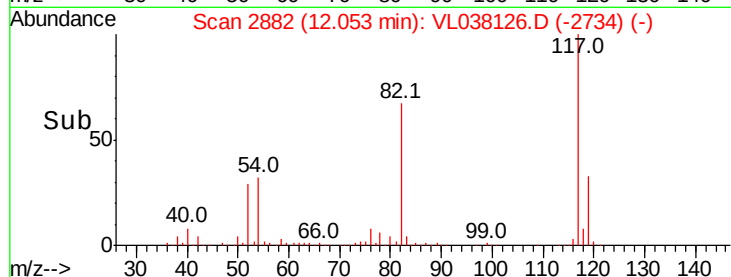
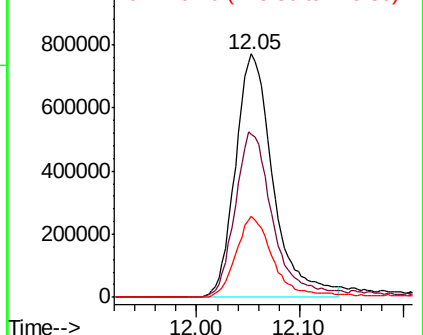


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 24 Nov 2021 8:31

Tot Ion:117 Resp: 1967664
Ion Ratio Lower Upper
117 100
82 73.5 52.8 79.2
119 34.5 26.8 40.2

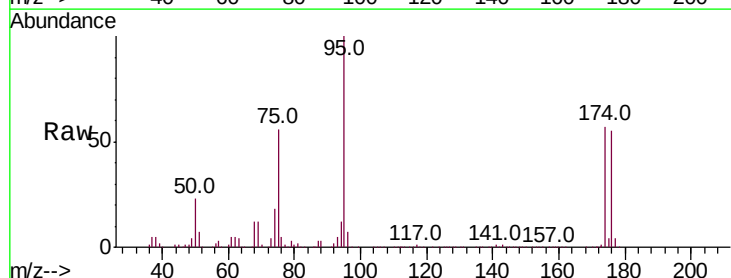


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 11.124 ppbv
RT: 14.38 min Scan# 3607
Delta R.T.: -0.03 min
Lab File: VL038126.D
Acq: 24 Nov 2021 8:31

Tgt Ion: 95 Resp: 1578858
Ion Ratio Lower Upper
95 100
174 62.4 53.1 79.7
175 4.4 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

