

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL120721\
Data File : VL038144.D
Acq On : 7 Dec 2021 10:56
Operator : SY/AP
Sample : VL1207ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1207ABL01

Quant Time: Dec 07 14:31:26 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-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	5.66	49	903752	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2515390	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.07	117	2095676	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1709392	11.31	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	113.10%

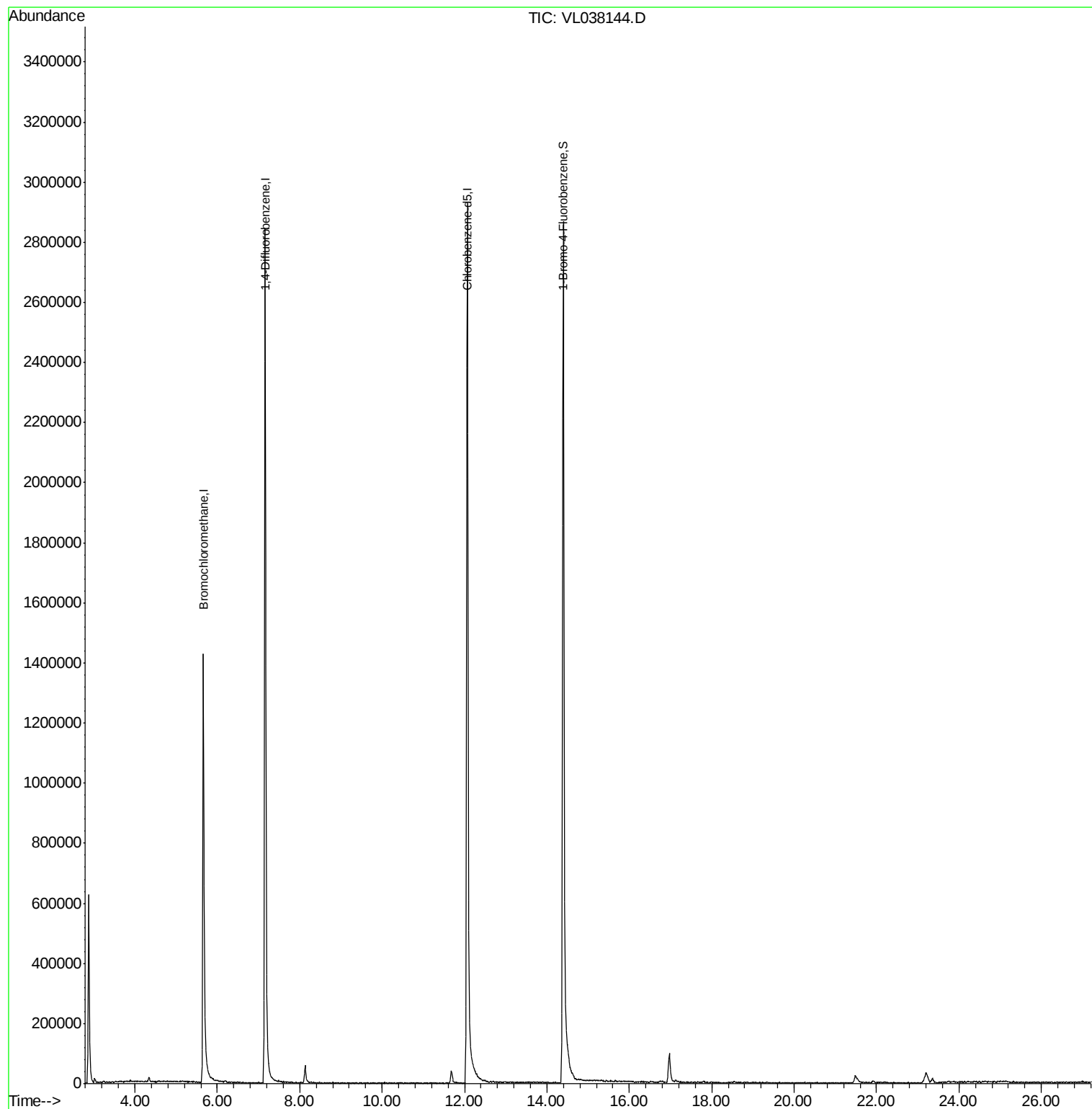
Target Compounds	Ovalue
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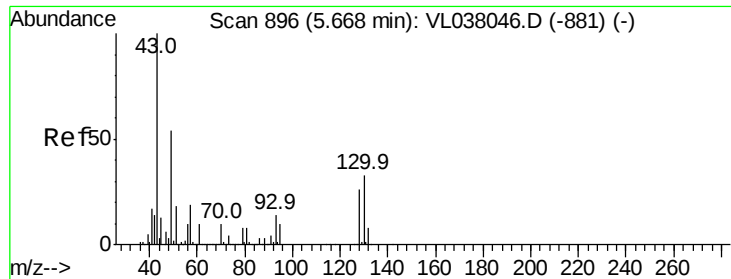
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 7 Dec 2021 10:56

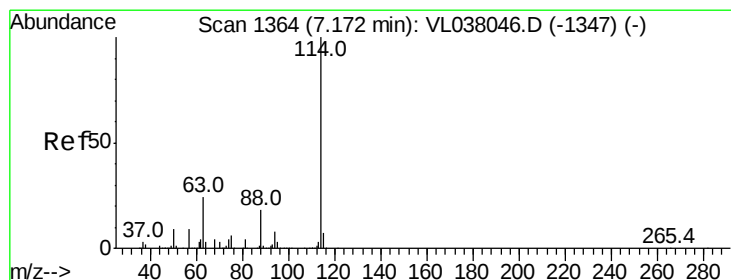
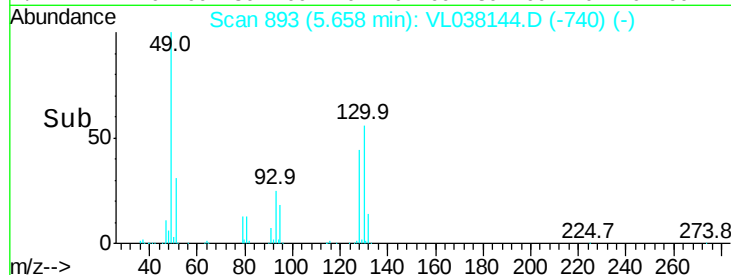
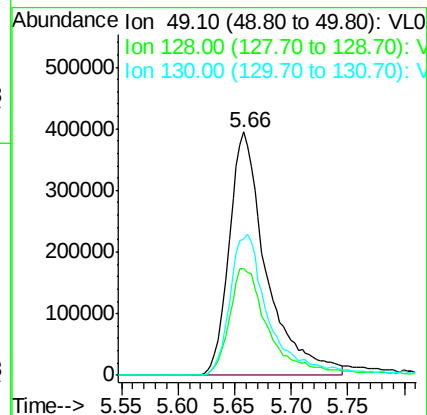
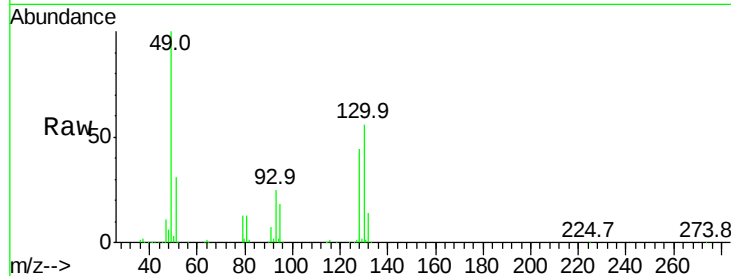
Tot Ion: 49 Resp: 903752

Ion Ratio Lower Upper

49 100

128 47.7 26.5 79.5

130 63.1 32.5 97.4



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 min Scan# 1360

Delta R.T. -0.01 min

Lab File: VL038144.D

Acq: 7 Dec 2021 10:56

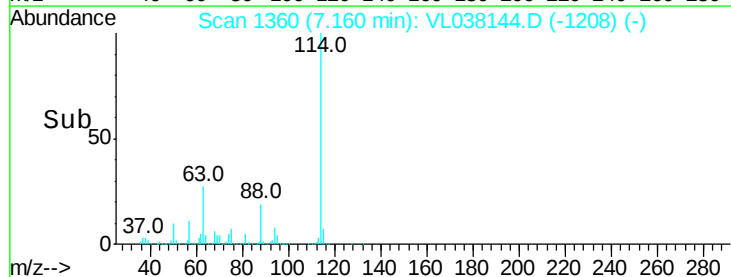
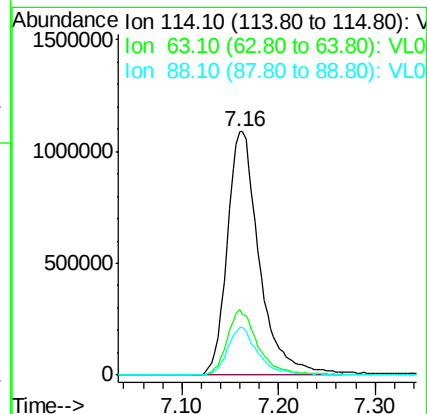
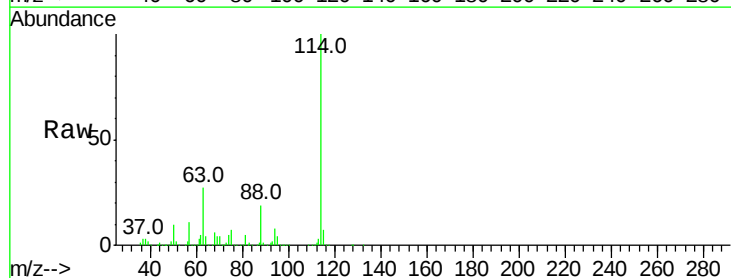
Tgt Ion: 114 Resp: 2515390

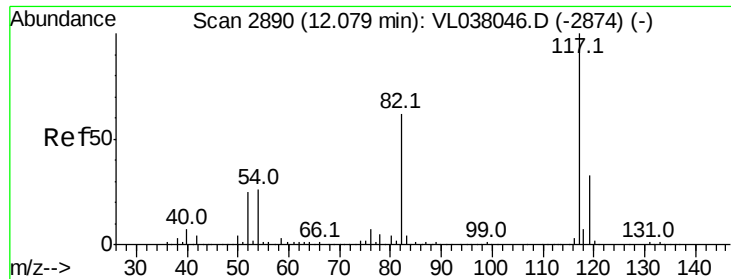
Ion Ratio Lower Upper

114 100

63 26.3 19.7 29.5

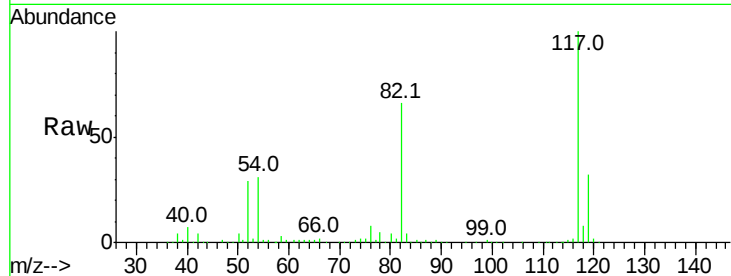
88 18.9 14.4 21.6



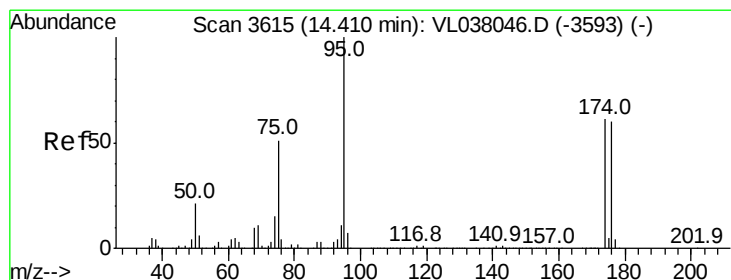
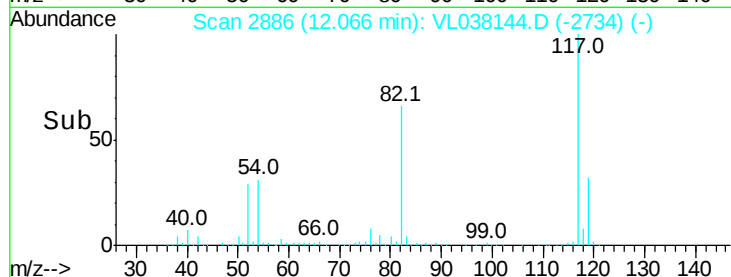
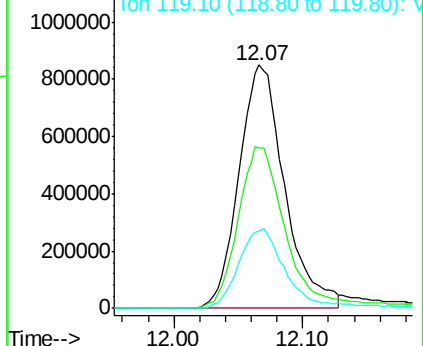


#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.07 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL1207ABL01
 Acq: 7 Dec 2021 10:50

Tot Ion:117 Resp: 2095676
 Ion Ratio Lower Upper
 117 100
 82 72.7 52.8 79.2
 119 34.2 26.8 40.2

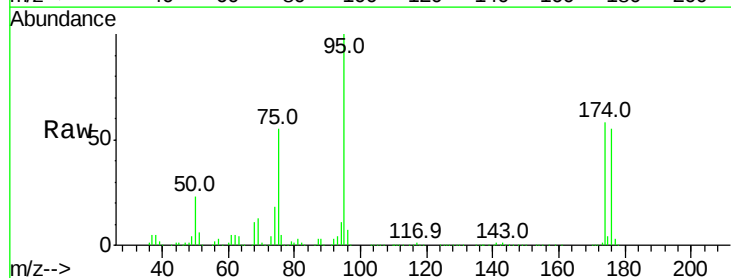


Abundance Ion 117.10 (116.80 to 117.80): V
 Ion 82.10 (81.80 to 82.80): V
 Ion 119.10 (118.80 to 119.80): V



#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.308 ppbv
 RT: 14.40 min Scan# 3611
 Delta R.T.: -0.01 min
 Lab File: VL038144.D
 Acq: 7 Dec 2021 10:56

Tgt Ion: 95 Resp: 1709392
 Ion Ratio Lower Upper
 95 100
 174 61.4 53.1 79.7
 175 4.5 4.0 6.0



Abundance Ion 95.10 (94.80 to 95.80): V
 Ion 174.00 (173.70 to 174.70): V
 Ion 175.00 (174.70 to 175.70): V

