

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112921\
Data File : VL038132.D
Acq On : 29 Nov 2021 13:03
Operator : SY/AP
Sample : M4805-11DL 200X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SG-CURVY-BRIDEDL

Quant Time: Nov 30 21:19:07 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	5.68	49	982875	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2748352	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2327426	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1817169	10.82	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.20%

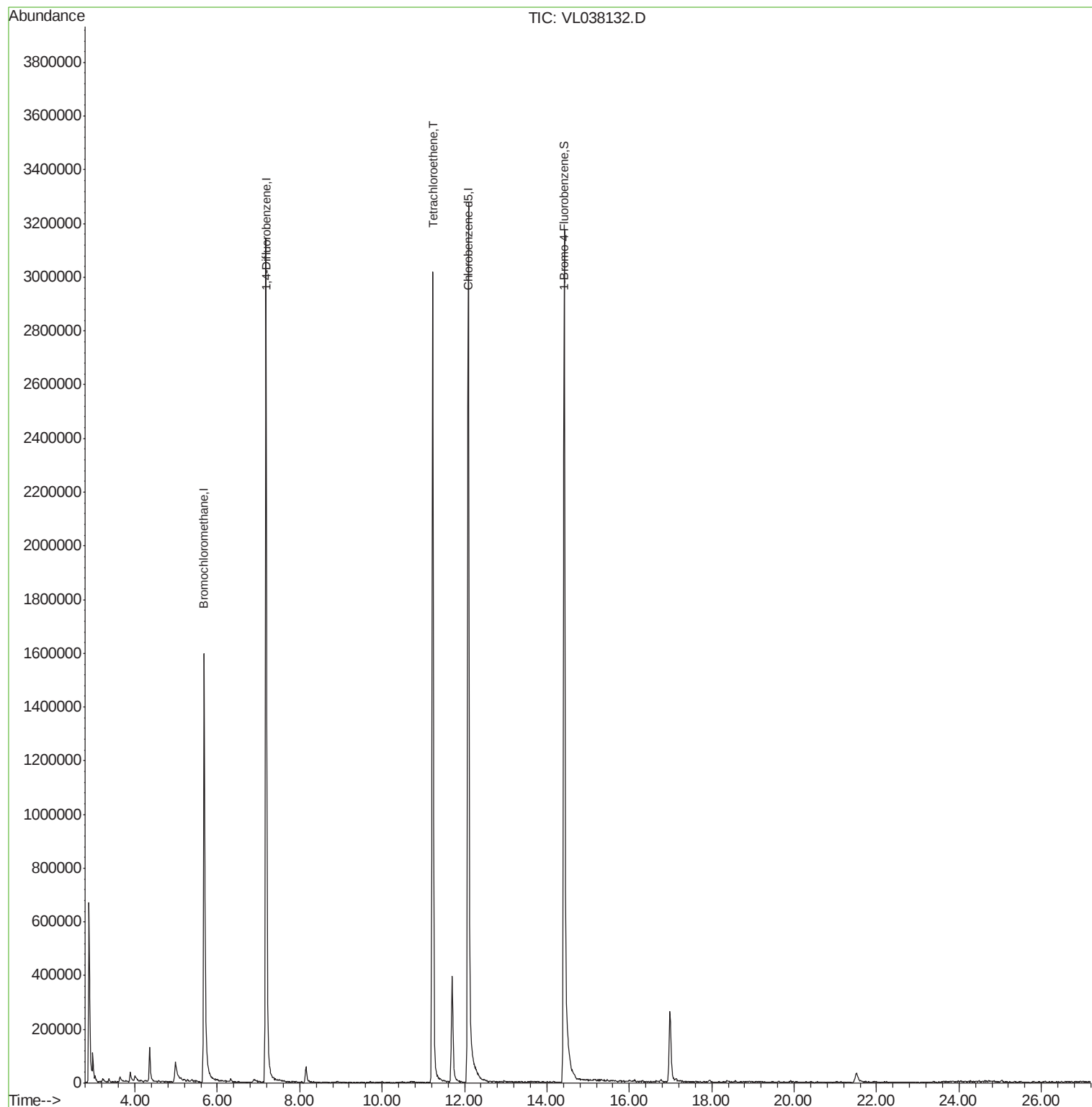
Target Compounds					Ovalue
52) Tetrachloroethene	11.23	164	798758	7.874	ppbv 99

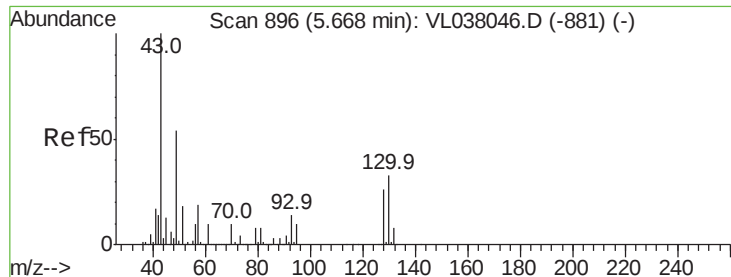
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL112921\
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MSVOA_L
ClientSampleId :
SG-CURVY-BRIDDL

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: ClientSampleId: SG-CURVY-BRIDE

Acq: 29 Nov 2021 15:05

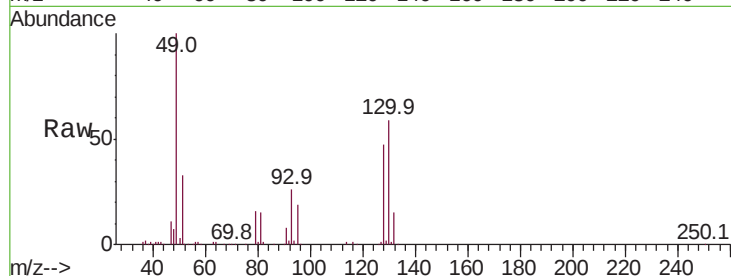
Tot Ion: 49 Resp: 982875

Ion Ratio Lower Upper

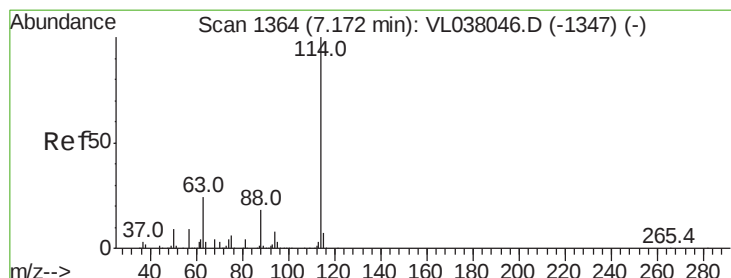
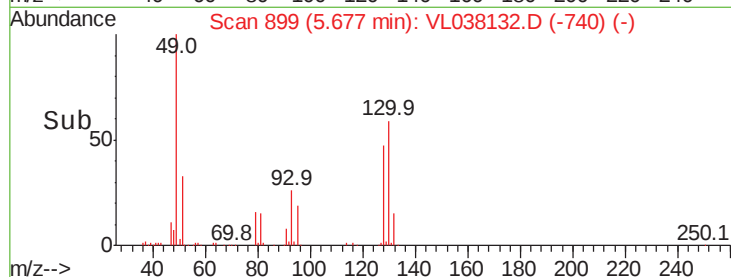
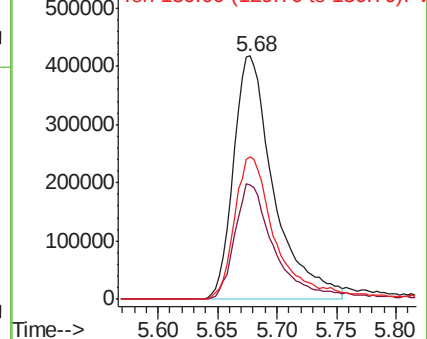
49 100

128 48.2 26.5 79.5

130 60.4 32.5 97.4



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: 7.18 min Scan# 1367

Delta R.T. 0.01 min

Lab File: VL038132.D

Acq: 29 Nov 2021 13:03

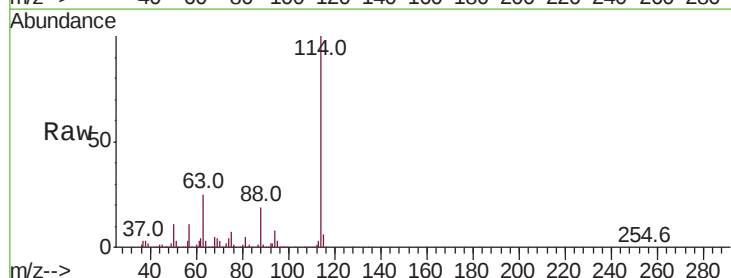
Tgt Ion: 114 Resp: 2748352

Ion Ratio Lower Upper

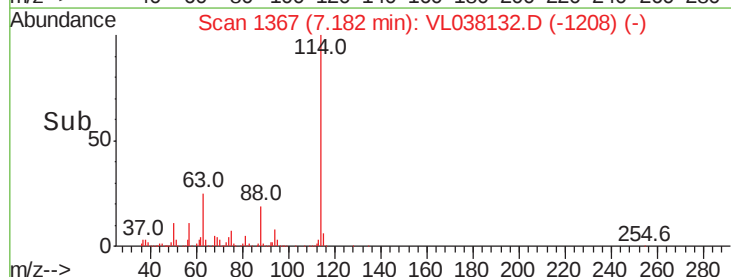
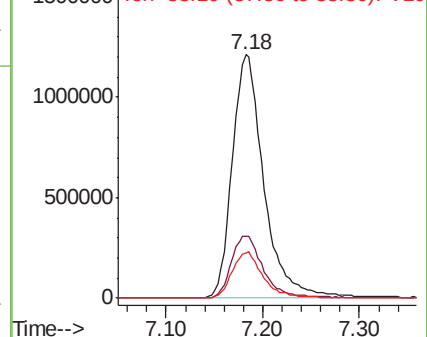
114 100

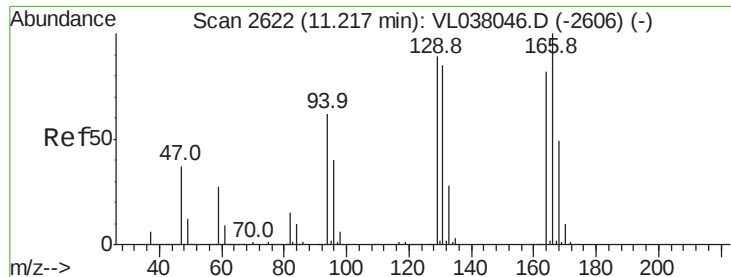
63 26.6 19.7 29.5

88 18.9 14.4 21.6



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





#52

Tetrachloroethene

Concen: 7.874 ppbv

RT: 11.23

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 29 Nov 2021 13:03

Tot Ion:164 Resp: 798758

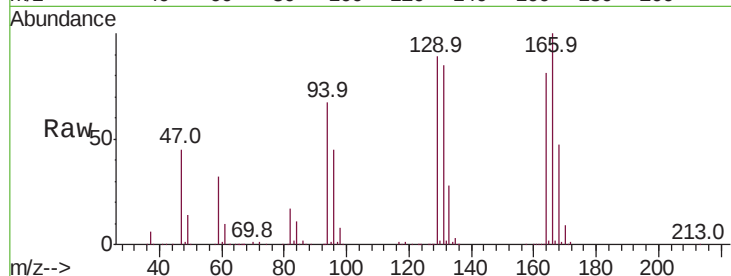
Ion Ratio Lower Upper

164 100

166 123.3 97.2 145.8

129 110.2 86.9 130.3

131 104.6 82.8 124.2

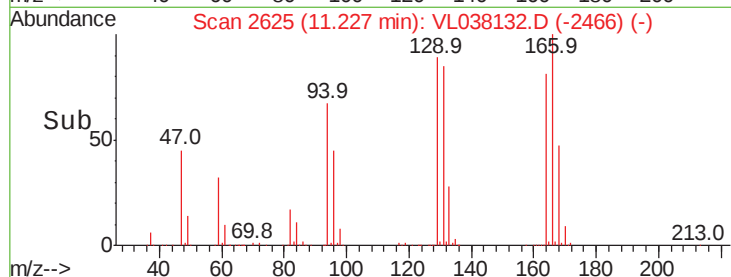


Abundance Ion 163.90 (163.60 to 164.60): V

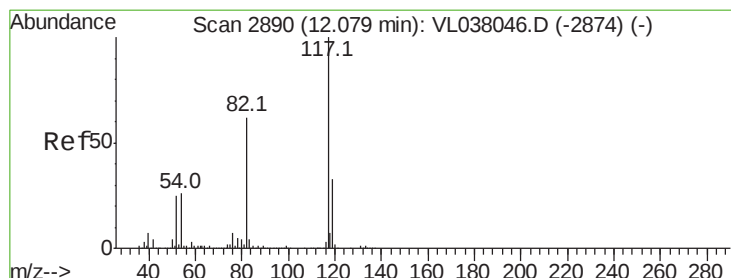
Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



Time-->



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2893

Delta R.T. 0.01 min

Lab File: VL038132.D

Acq: 29 Nov 2021 13:03

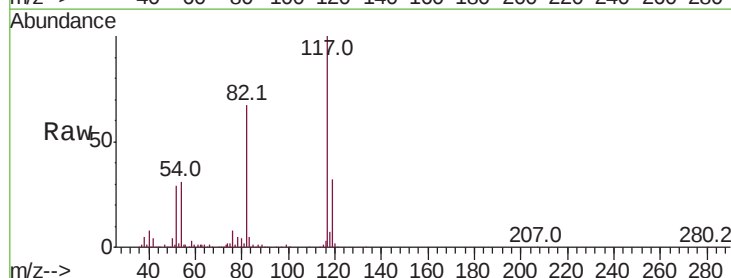
Tgt Ion:117 Resp: 2327426

Ion Ratio Lower Upper

117 100

82 73.8 52.8 79.2

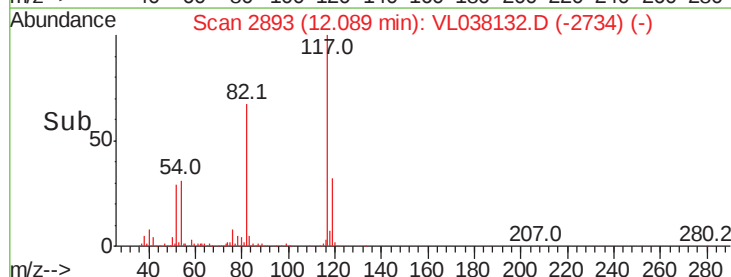
119 34.5 26.8 40.2



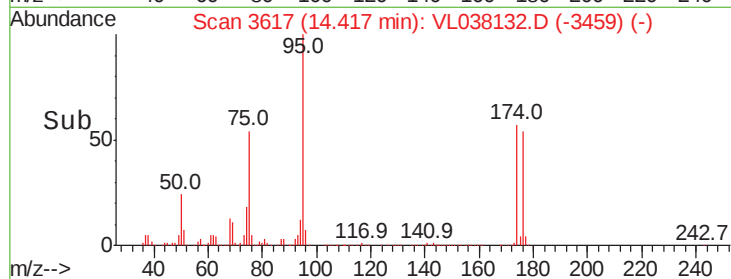
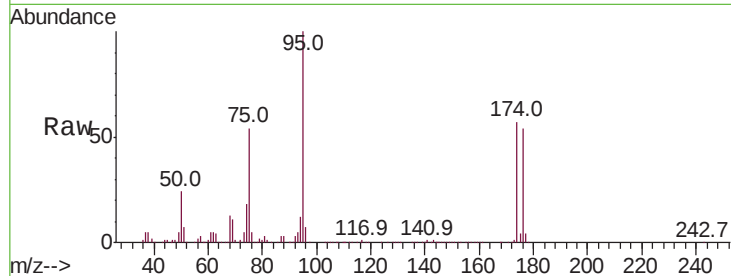
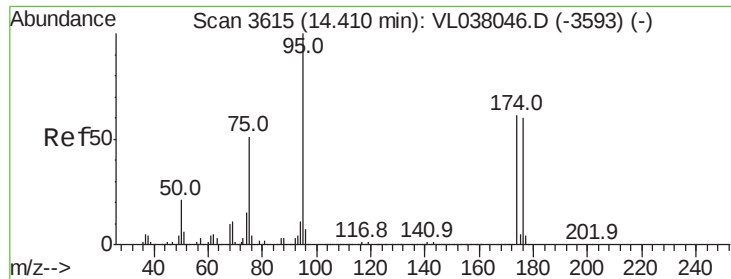
Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V



Time-->



#68

1-Bromo-4-Fluorobenzene

Concen: 10.824 ppbv

RT: 14.42

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 29 Nov 2021 15:05

Tot Ion: 95 Resp: 1817169

Ion Ratio Lower Upper

95 100

174 64.9 53.1 79.7

175 4.6 4.0 6.0

