

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032422\
 Data File : VL038754.D
 Acq On : 24 Mar 2022 18:58
 Operator : SY/AP
 Sample : N2048-01DL2 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P93DL2

Quant Time: Mar 26 09:59:51 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 21 17:09:26 2022
 QLast Update : Mon Mar 21 17:09:26 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	806361	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	2156638	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	1869595	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1380584	9.63	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.30%

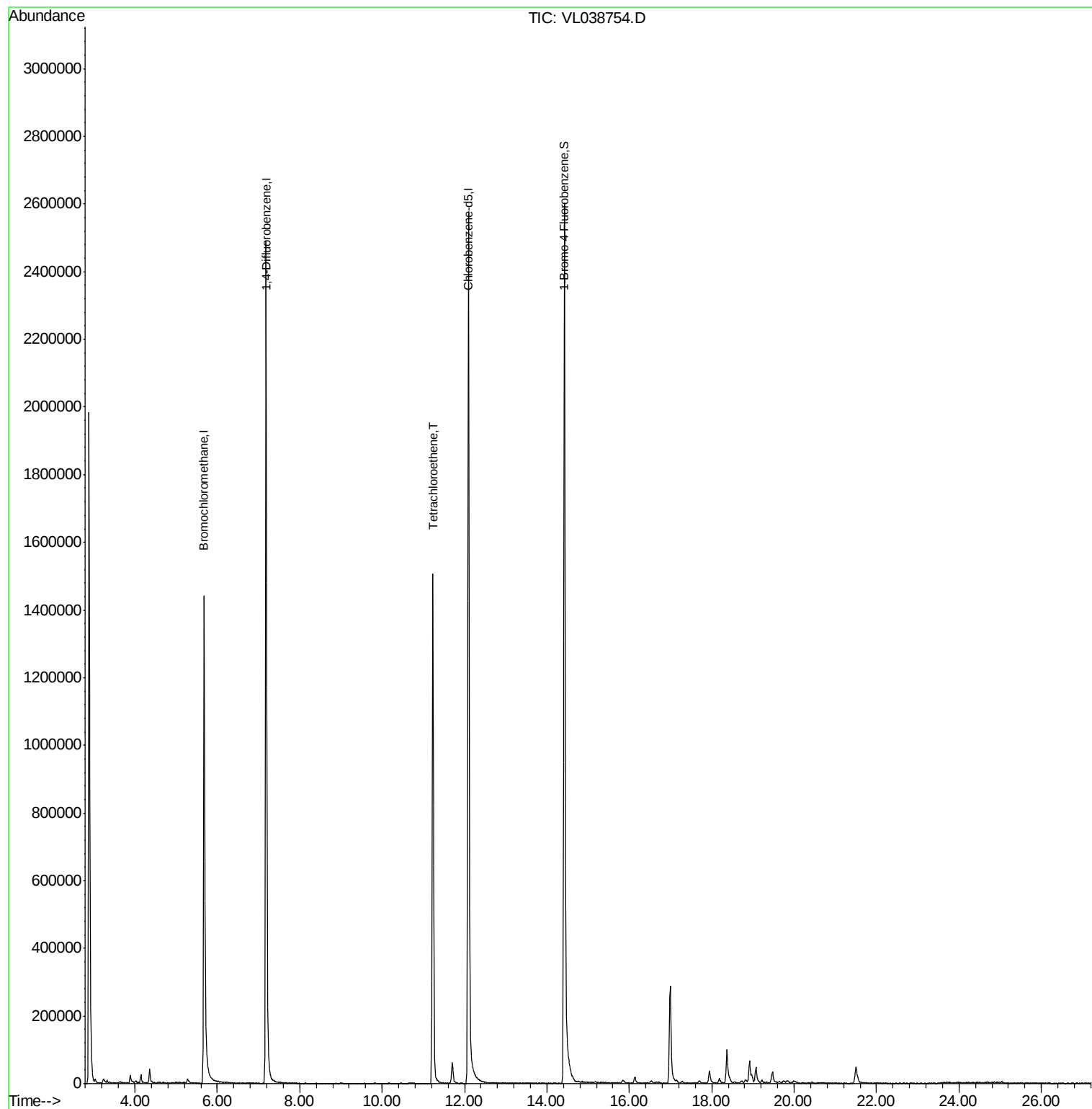
Target Compounds					Qvalue
52) Tetrachloroethene	11.23	164	393554	6.46	ppbv 97

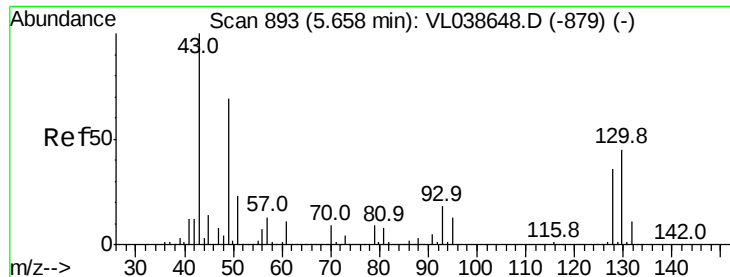
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.68 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 24 Mar 2022 18:58

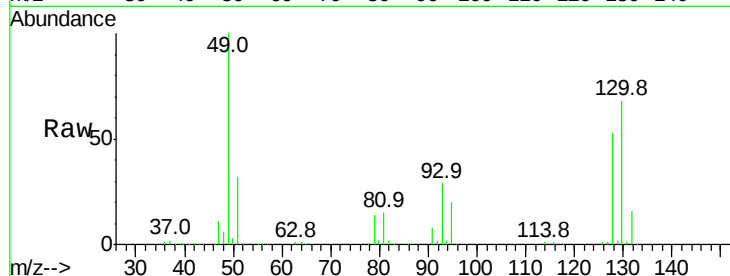
Tgt Ion: 49 Resp: 806361

Ion Ratio Lower Upper

49 100

128 57.5 26.2 78.6

130 73.2 33.7 101.1



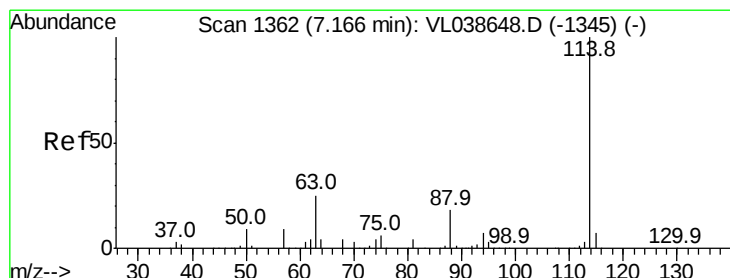
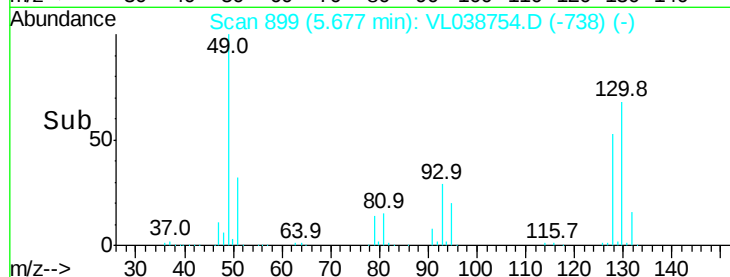
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.68

Time-->



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.19 min Scan# 1368

Delta R.T. 0.02 min

Lab File: VL038754.D

Acq: 24 Mar 2022 18:58

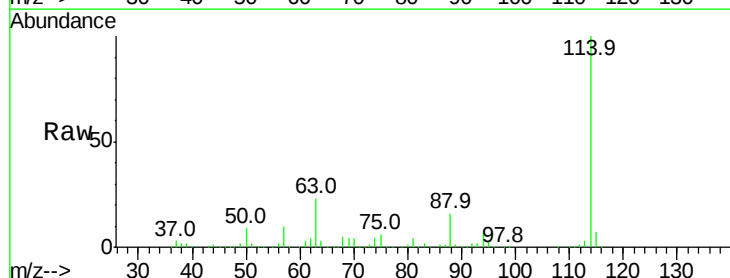
Tgt Ion: 114 Resp: 2156638

Ion Ratio Lower Upper

114 100

63 24.0 19.4 29.0

88 17.3 13.9 20.9



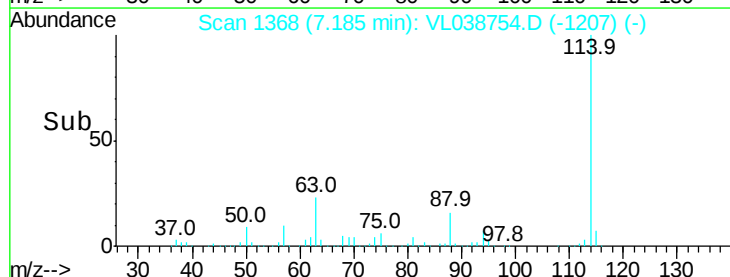
Abundance Ion 114.10 (113.80 to 114.80): VL0

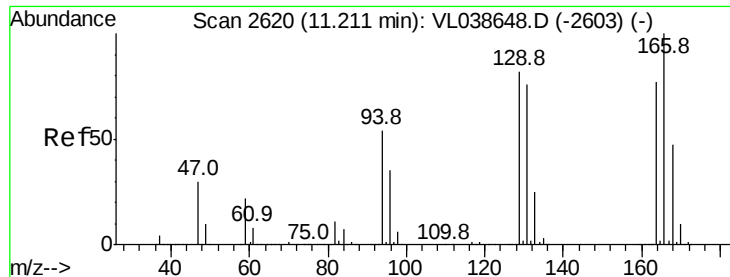
Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

7.19

Time-->





#52

Tetrachloroethene

Concen: 6.46 ppbv

RT: 11.23

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 18:58

Tgt Ion:164 Resp: 393554

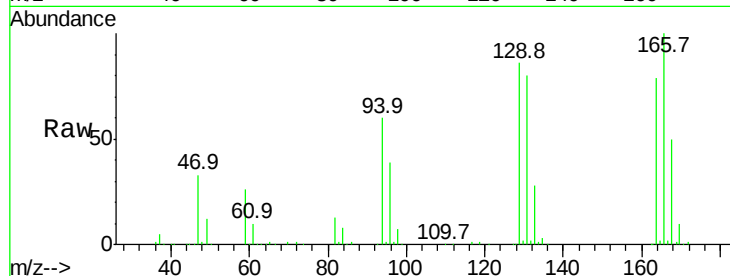
Ion Ratio Lower Upper

164 100

166 126.3 103.3 154.9

129 108.2 85.2 127.8

131 101.4 78.3 117.5

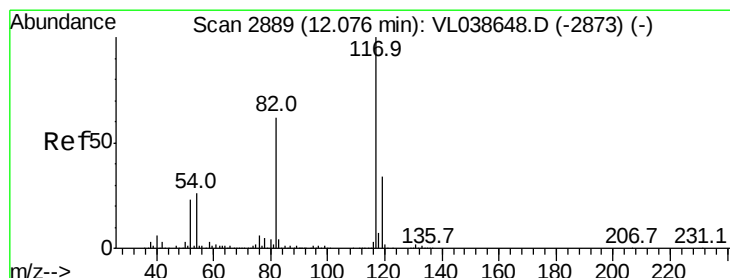
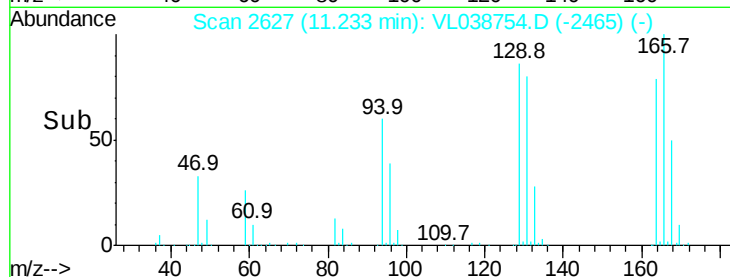
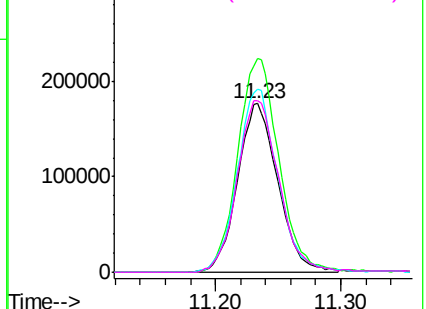


Abundance Ion 163.90 (163.60 to 164.60): V

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



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.10 min Scan# 2895

Delta R.T. 0.02 min

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Acq: 24 Mar 2022 18:58

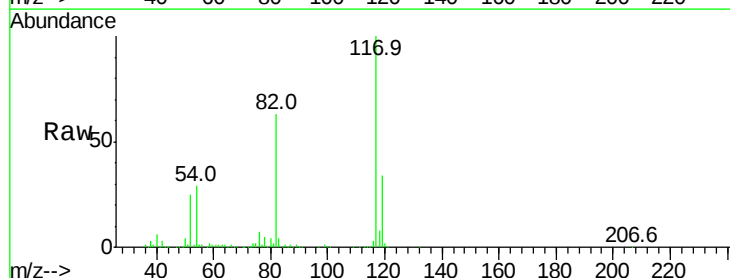
Tgt Ion:117 Resp: 1869595

Ion Ratio Lower Upper

117 100

82 65.5 51.6 77.4

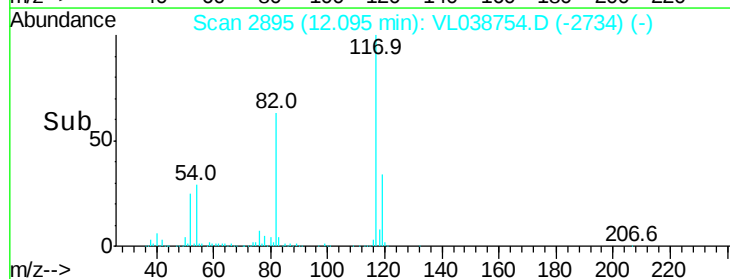
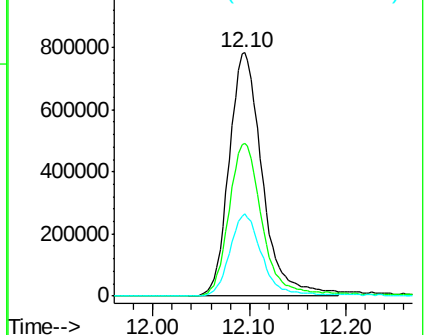
119 33.7 26.9 40.3

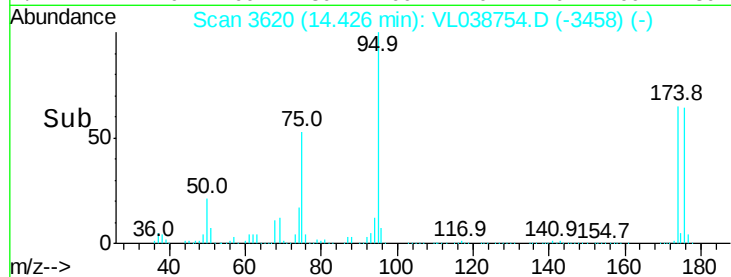
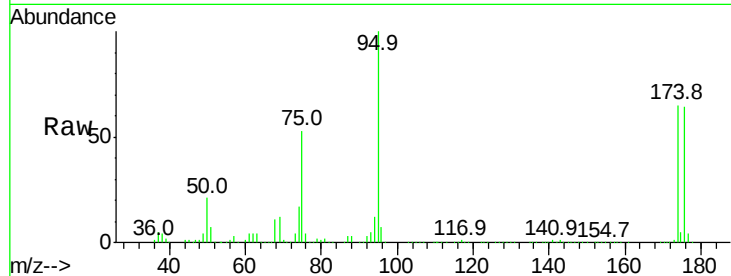
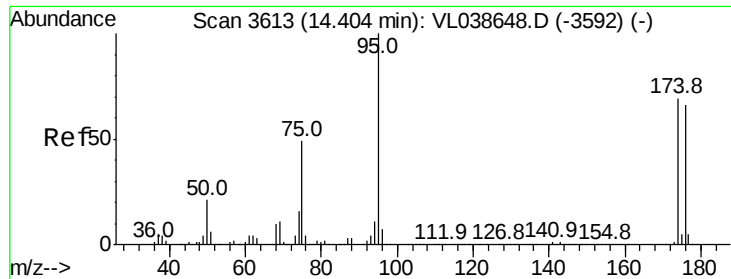


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.63 ppbv

RT: 14.43

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

COP93DL2

Acq: 24 Mar 2022 18:58

Tgt Ion: 95 Resp: 1380584

Ion Ratio Lower Upper

95 100

174 71.3 56.1 84.1

175 5.2 4.2 6.2

