

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032222\
 Data File : VL038710.D
 Acq On : 23 Mar 2022 9:13
 Operator : SY/AP
 Sample : N1961-11DL2 44X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P74DL2

Quant Time: Mar 24 14:49:56 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	5.65	49	700486	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	1781318	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.06	117	1541266	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1140374	9.65	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.50%

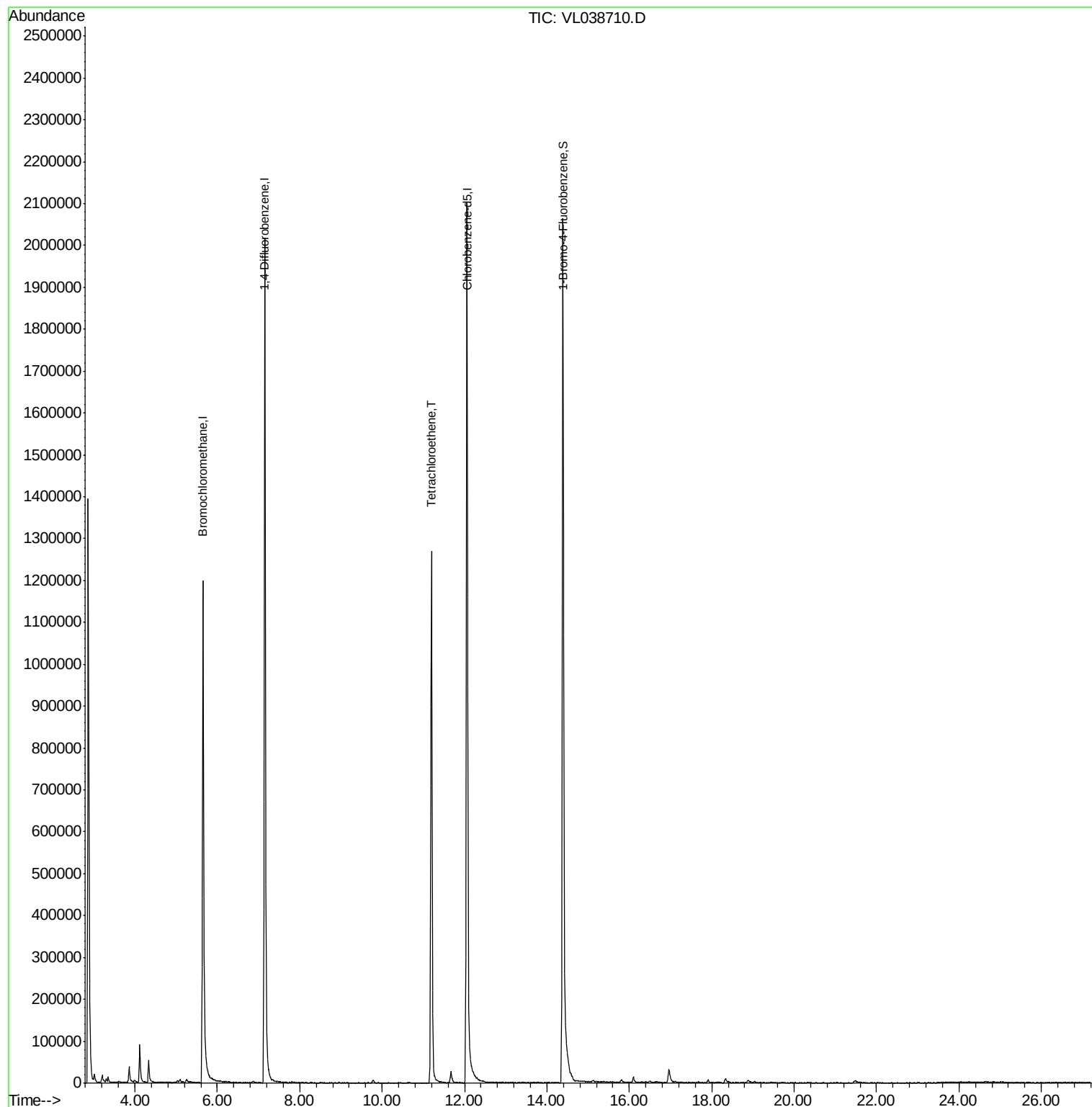
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
52) Tetrachloroethene	11.20	164	342868	6.82	ppbv	97

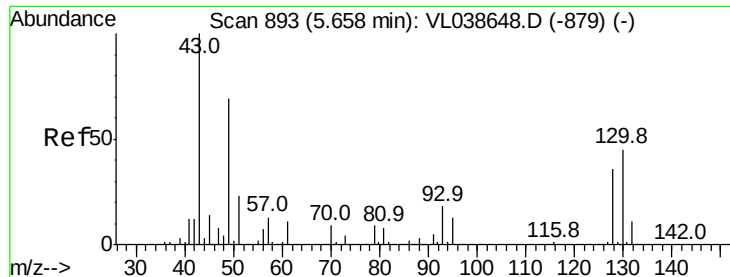
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.65 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Mar 2022 9:13

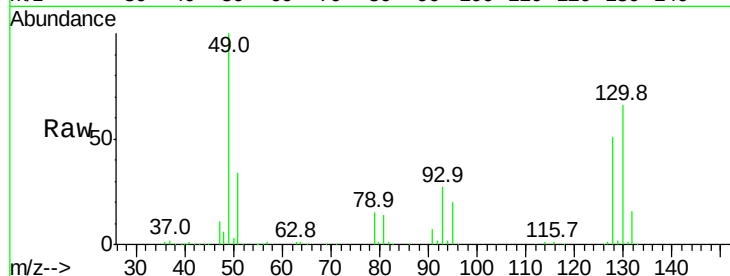
Tgt Ion: 49 Resp: 700486

Ion Ratio Lower Upper

49 100

128 52.7 26.2 78.6

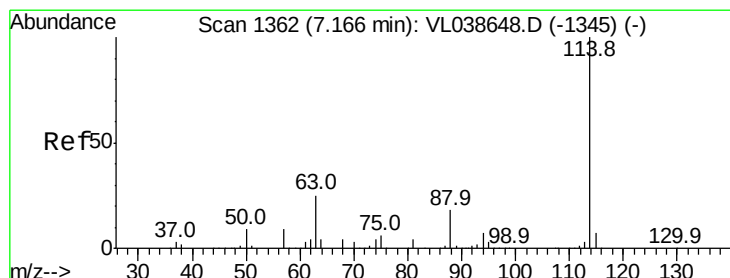
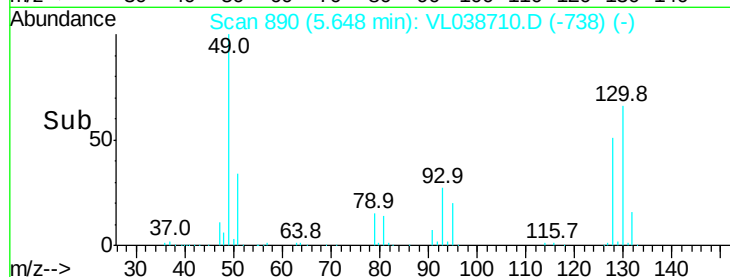
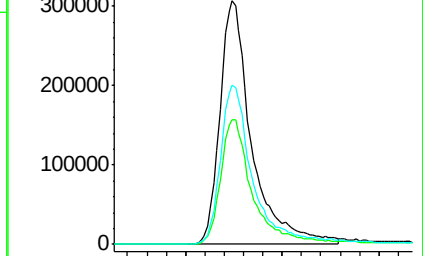
130 69.0 33.7 101.1



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



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.15 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VL038710.D

Acq: 23 Mar 2022 9:13

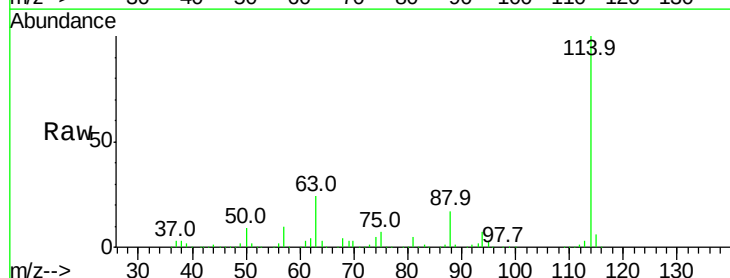
Tgt Ion: 114 Resp: 1781318

Ion Ratio Lower Upper

114 100

63 24.5 19.4 29.0

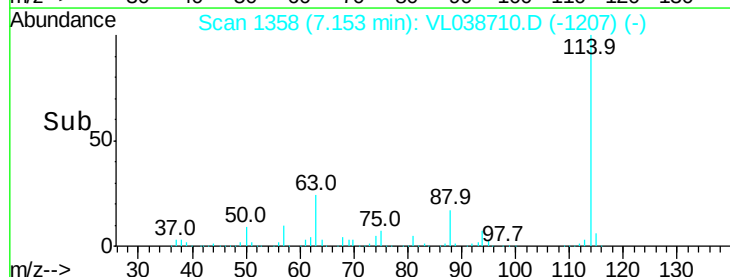
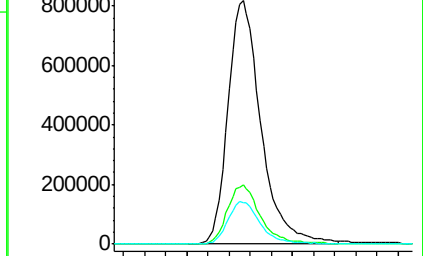
88 17.5 13.9 20.9

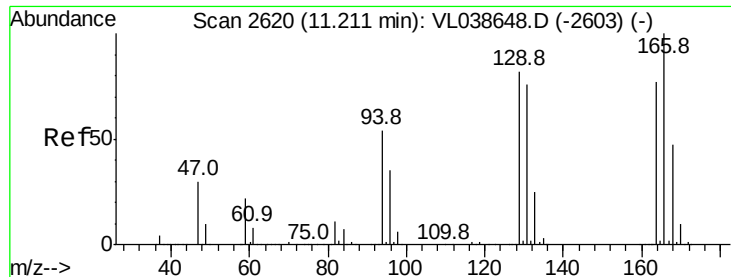


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





#52

Tetrachloroethene

Concen: 6.82 ppbv

RT: 11.20

Delta R.T. MSVOA_L

Lab File:

Acq: 23 Mar 2022 9:13

ClientSampleId :

COP74DL2

Tgt Ion:164 Resp: 342868

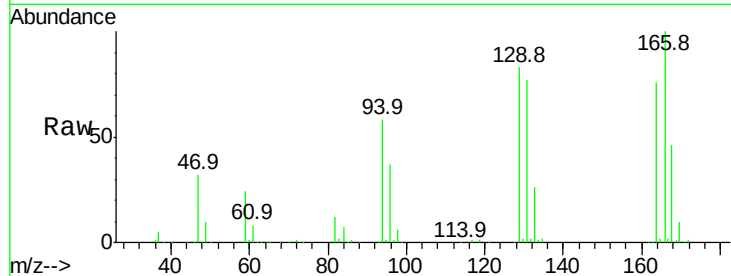
Ion Ratio Lower Upper

164 100

166 132.0 103.3 154.9

129 109.3 85.2 127.8

131 102.3 78.3 117.5

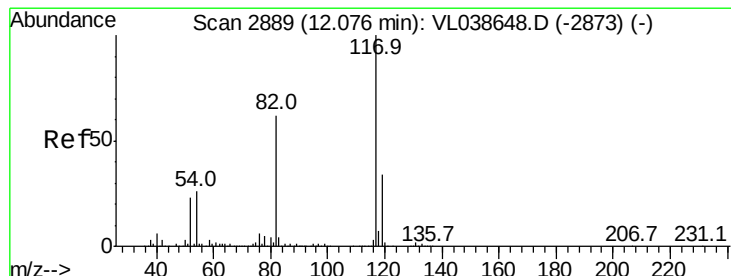
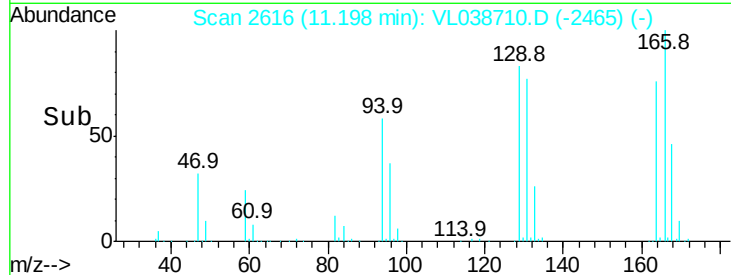
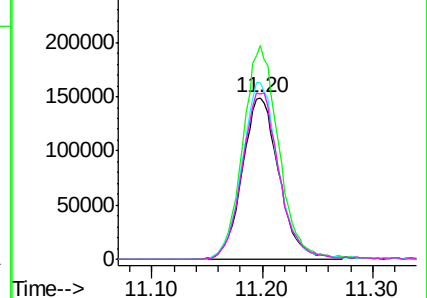


Abundance Ion 163.90 (163.60 to 164.60): V

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: 12.06 min Scan# 2884

Delta R.T. -0.02 min

Lab File: VL038710.D

Acq: 23 Mar 2022 9:13

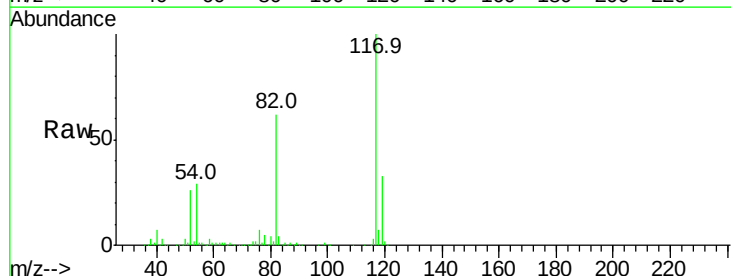
Tgt Ion:117 Resp: 1541266

Ion Ratio Lower Upper

117 100

82 66.3 51.6 77.4

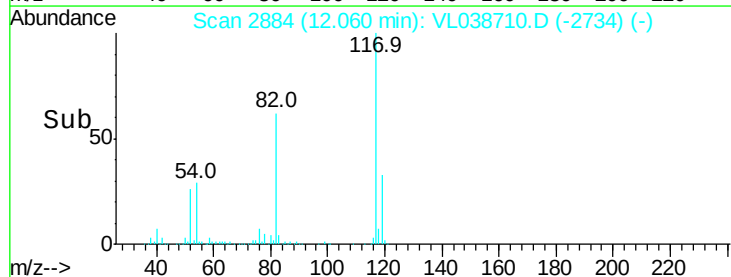
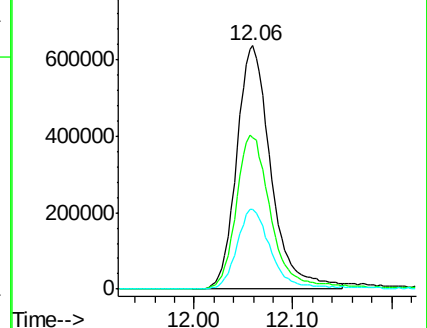
119 33.3 26.9 40.3

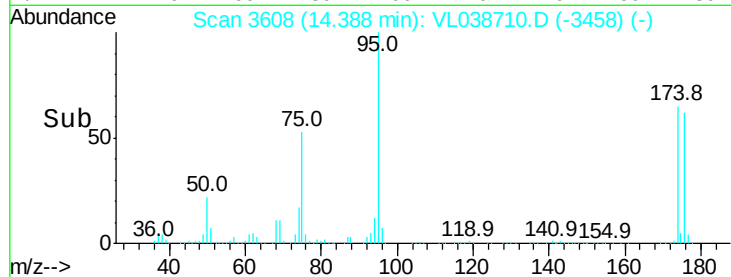
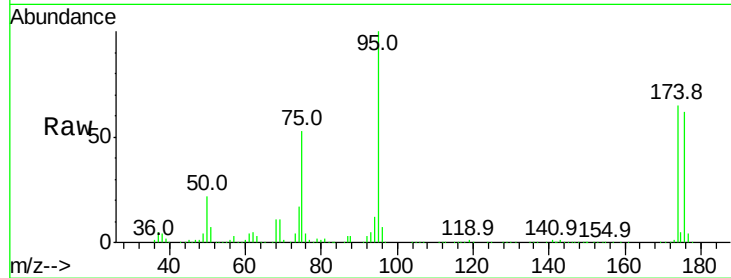
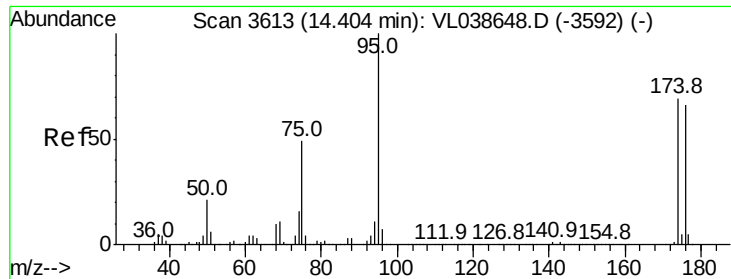


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.65 ppbv

RT: 14.39

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 23 Mar 2022 9:13

Tgt Ion: 95 Resp: 1140374

Ion Ratio Lower Upper

95 100

174 71.9 56.1 84.1

175 5.1 4.2 6.2

