

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032422\
 Data File : VL038753.D
 Acq On : 24 Mar 2022 18:20
 Operator : SY/AP
 Sample : N2048-01DL2 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P93DL2

Quant Time: Mar 26 09:55:32 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	808229	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	2190225	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	1902788	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1443549	9.90	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.00%

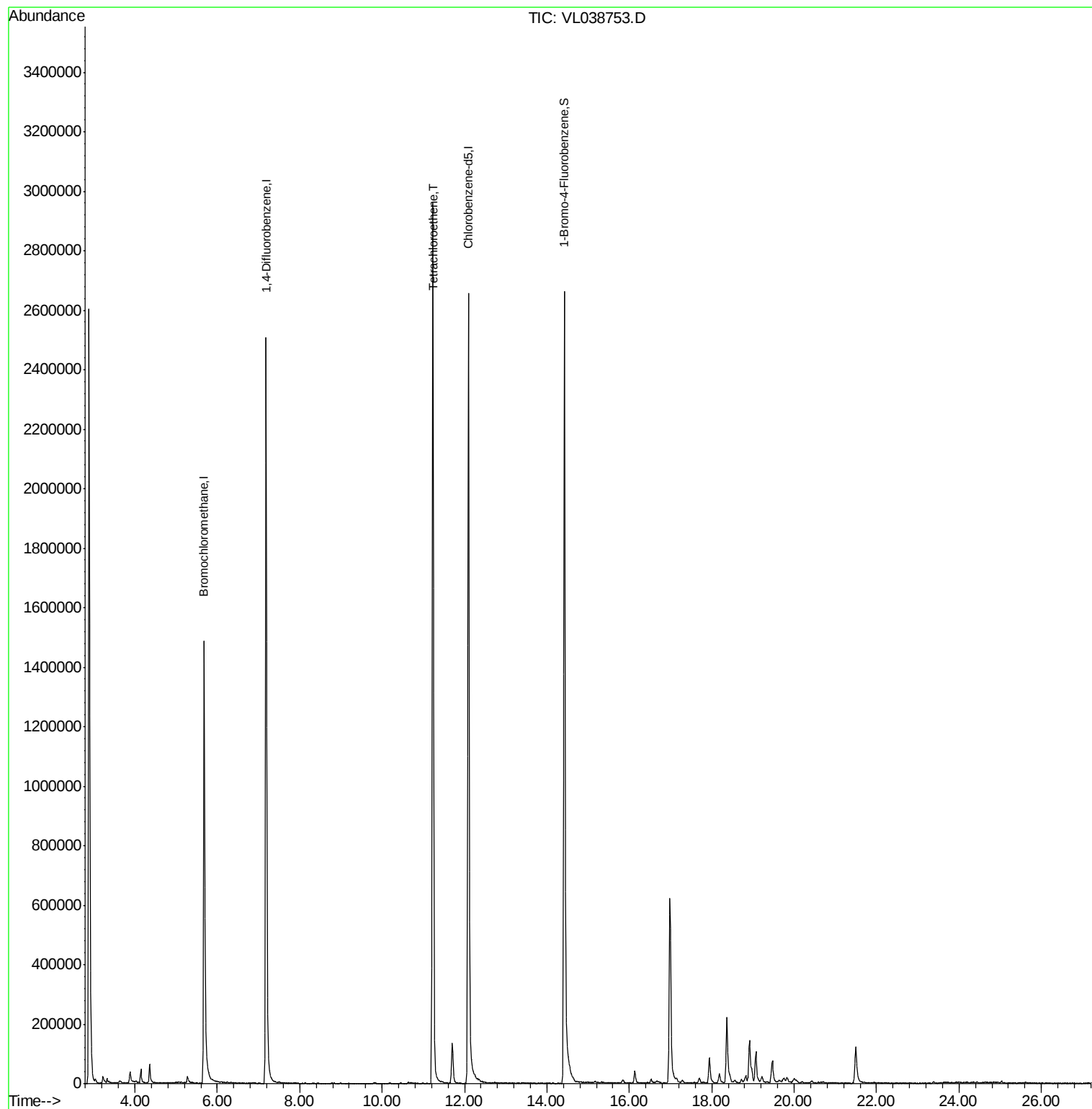
Target Compounds					Qvalue
52) Tetrachloroethene	11.24	164	787091	12.72	ppbv 97

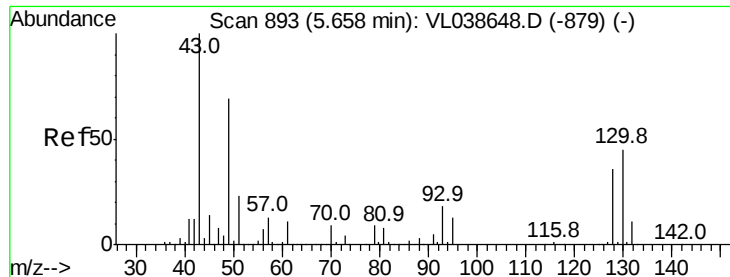
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL032422\
Data File : VL038753.D
Acq On : 24 Mar 2022 18:20
Operator : SY/AP
Sample : N2048-01DL2 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
C0P93DL2

Quant Time: Mar 26 09:55:32 2022
Quant Method : Z:\V0ASRV\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





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.68 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 24 Mar 2022 18:20

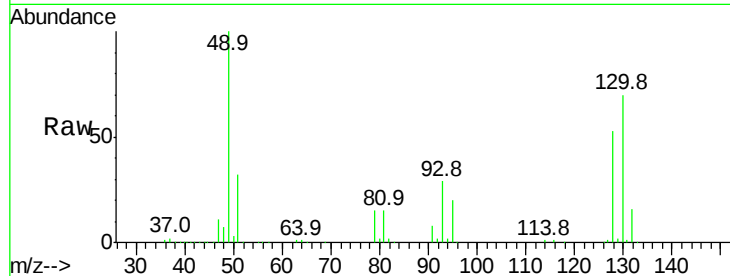
Tgt Ion: 49 Resp: 808229

Ion Ratio Lower Upper

49 100

128 57.1 26.2 78.6

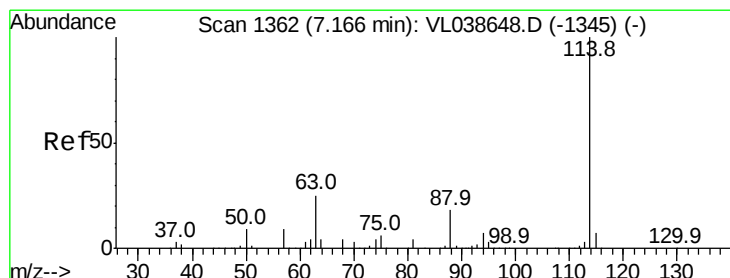
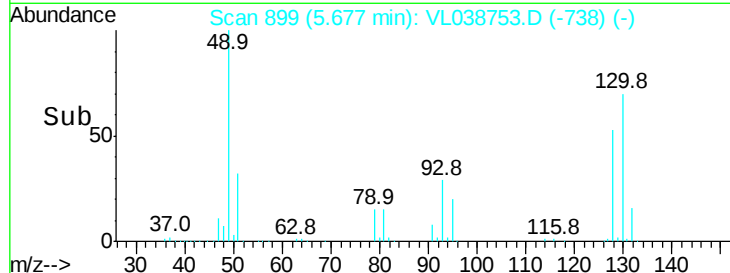
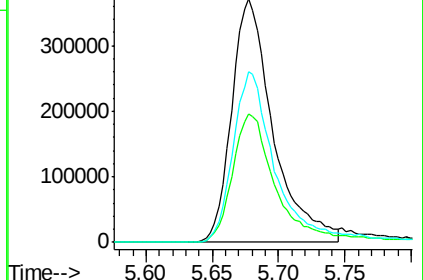
130 74.4 33.7 101.1



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: 7.18 min Scan# 1367

Delta R.T. 0.02 min

Lab File: VL038753.D

Acq: 24 Mar 2022 18:20

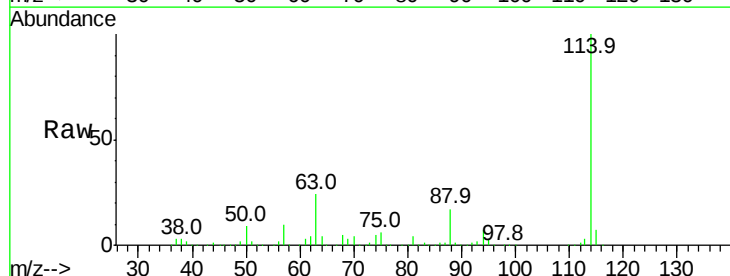
Tgt Ion: 114 Resp: 2190225

Ion Ratio Lower Upper

114 100

63 23.9 19.4 29.0

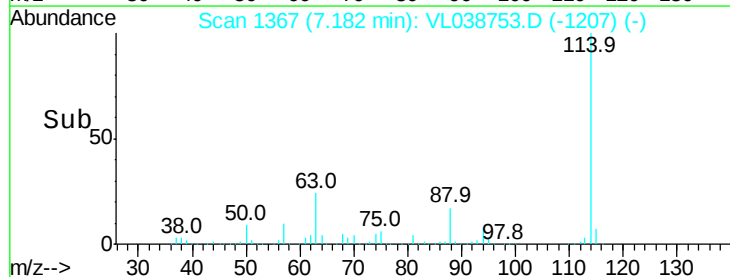
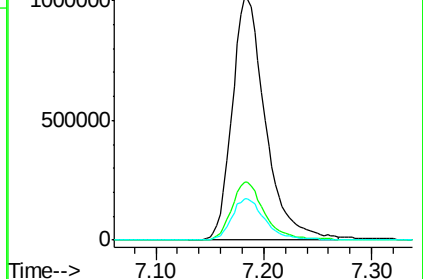
88 17.4 13.9 20.9

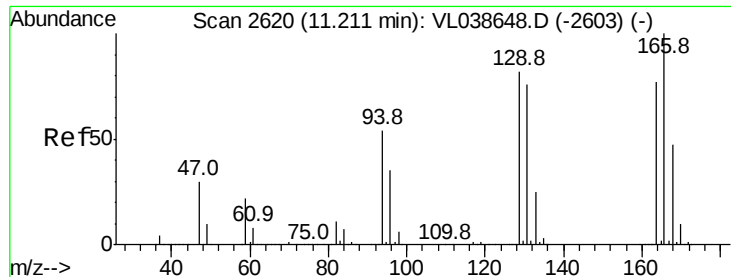


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





#52

Tetrachloroethene

Concen: 12.72 ppbv

RT: 11.24

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 18:20

Tgt Ion:164 Resp: 787091

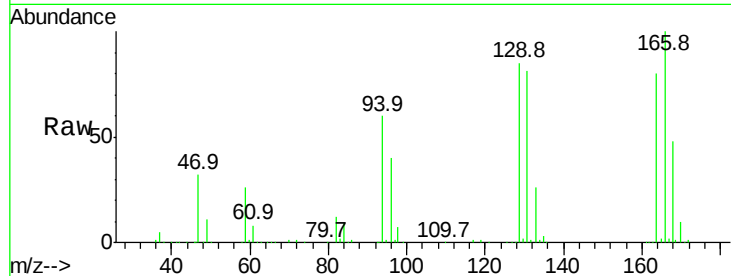
Ion Ratio Lower Upper

164 100

166 125.3 103.3 154.9

129 105.9 85.2 127.8

131 101.4 78.3 117.5

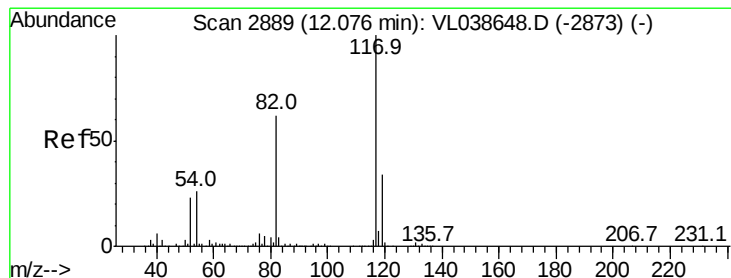
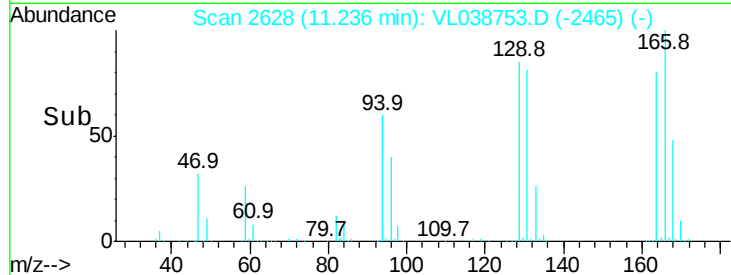
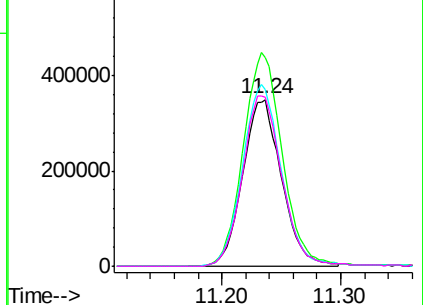


Abundance Ion 163.90 (163.60 to 164.60): V

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: 12.09 min Scan# 2895

Delta R.T. 0.02 min

Lab File: VL038753.D

Acq: 24 Mar 2022 18:20

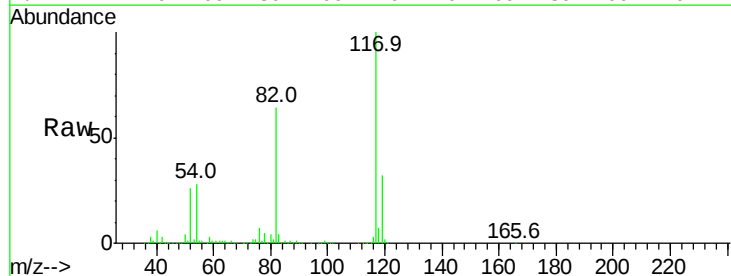
Tgt Ion:117 Resp: 1902788

Ion Ratio Lower Upper

117 100

82 66.3 51.6 77.4

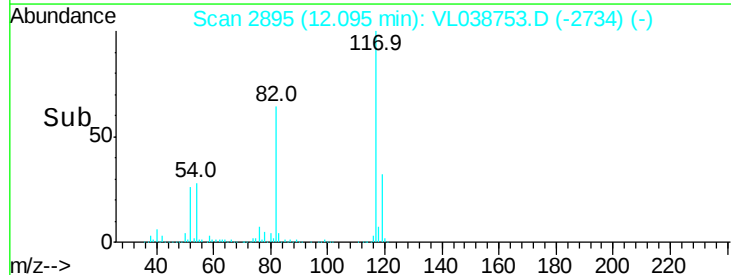
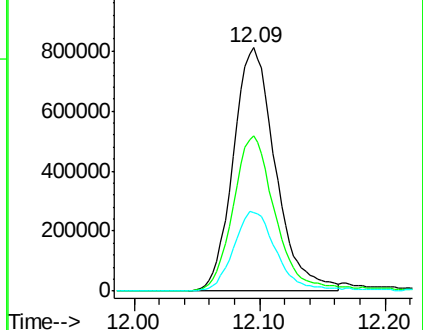
119 33.9 26.9 40.3

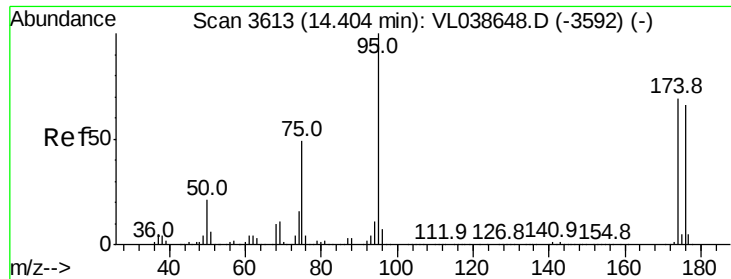


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.90 ppbv

RT: 14.42

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Mar 2022 18:20

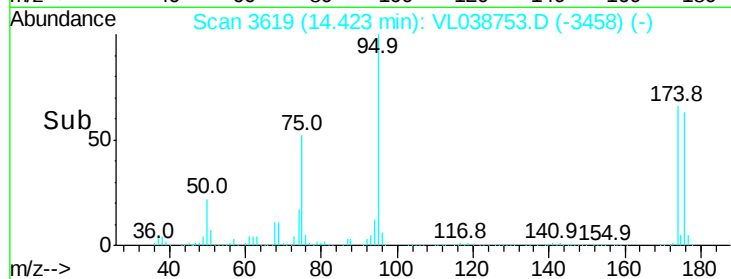
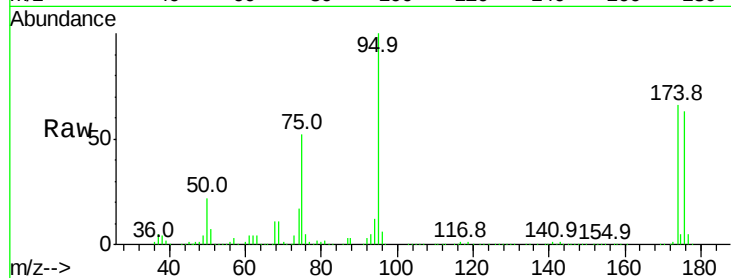
Tgt Ion: 95 Resp: 1443549

Ion Ratio Lower Upper

95 100

174 70.4 56.1 84.1

175 5.0 4.2 6.2



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

