

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030822\
 Data File : VL038564.D
 Acq On : 9 Mar 2022 00:49
 Operator : SY/AP
 Sample : CAN 10445
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10445

Quant Time: Mar 09 07:41:12 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 08 21:18:44 2022
 QLast Update : Tue Mar 08 21:18:44 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	816755	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2084124	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	1793519	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1295010	9.50	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.00%

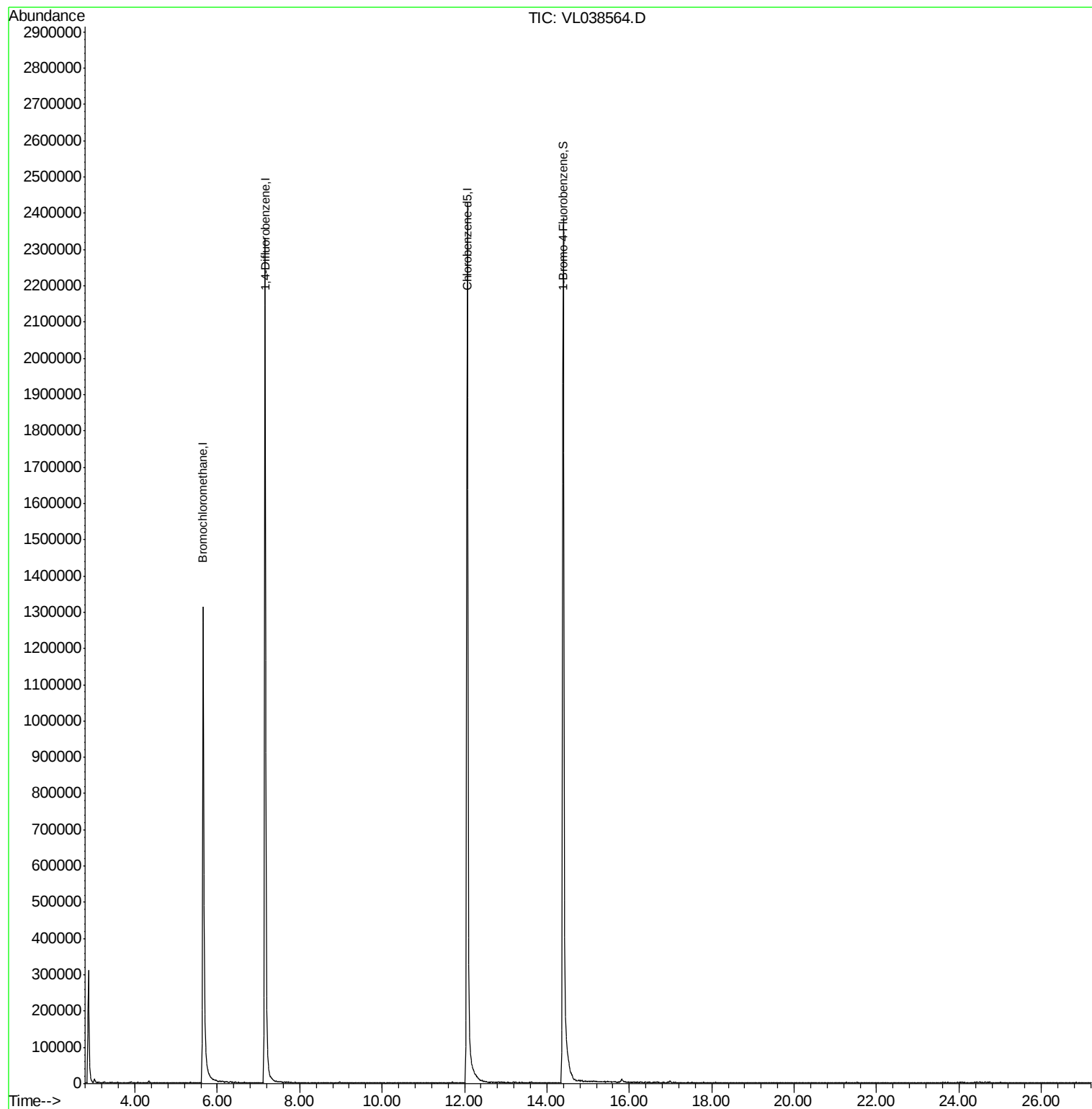
Target Compounds	Qvalue

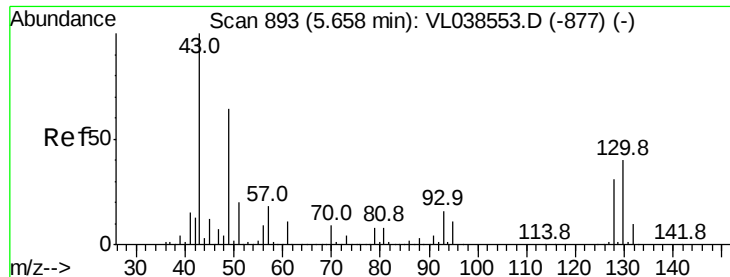
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL030822\
Data File : VL038564.D
Acq On : 9 Mar 2022 00:49
Operator : SY/AP
Sample : CAN 10445
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10445

Quant Time: Mar 09 07:41:12 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 08 21:18:44 2022
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.65 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Mar 2022 00:49 CAN 10445

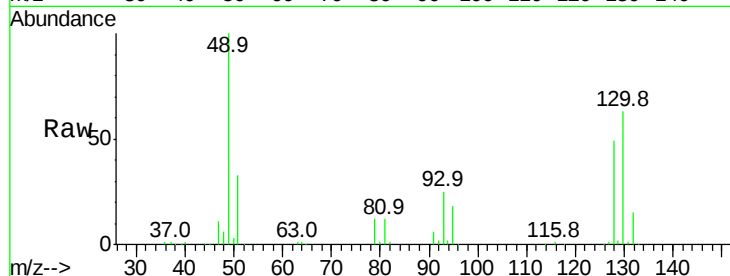
Tgt Ion: 49 Resp: 816755

Ion Ratio Lower Upper

49 100

128 52.8 26.4 79.2

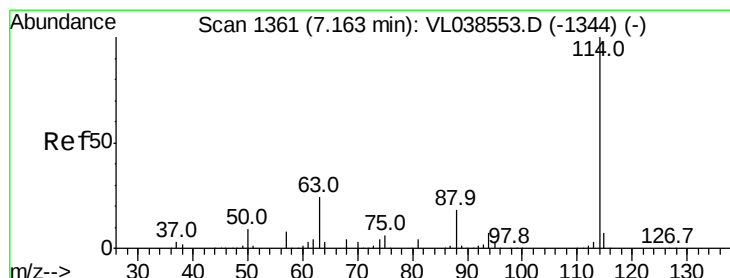
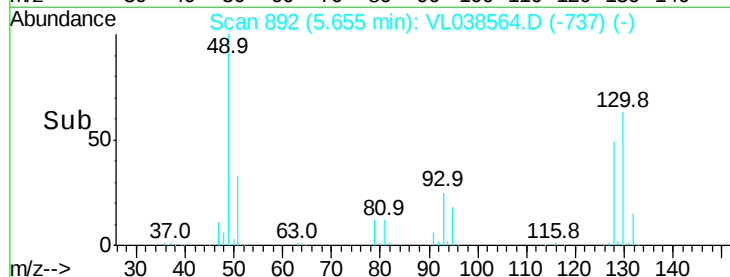
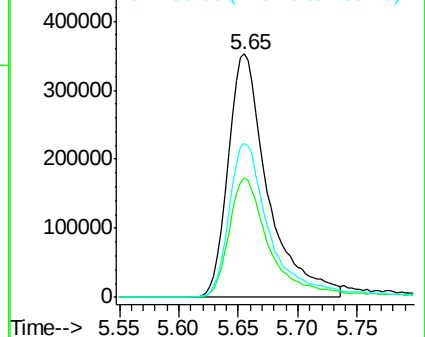
130 67.7 33.0 98.9



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: 7.16 min Scan# 1360

Delta R.T. -0.00 min

Lab File: VL038564.D

Acq: 9 Mar 2022 00:49

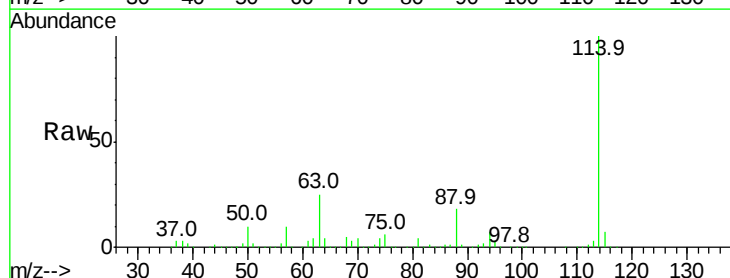
Tgt Ion: 114 Resp: 2084124

Ion Ratio Lower Upper

114 100

63 24.3 19.6 29.4

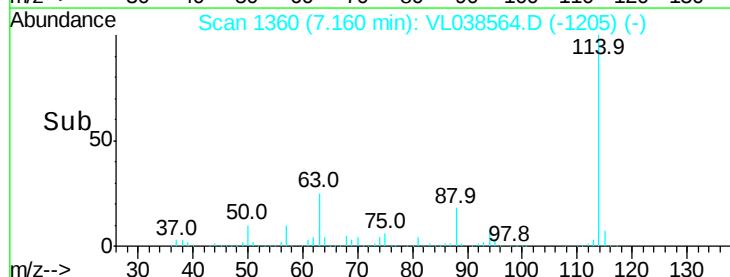
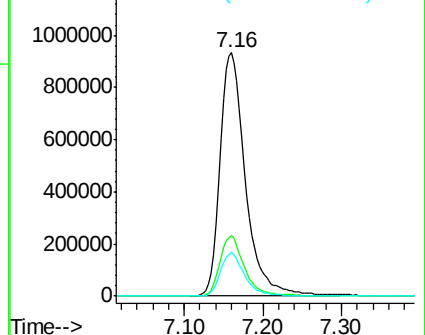
88 17.2 13.9 20.9

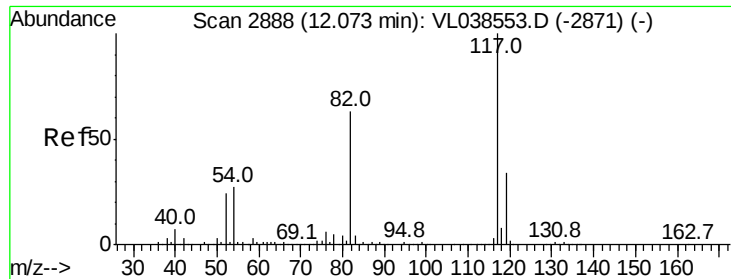


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

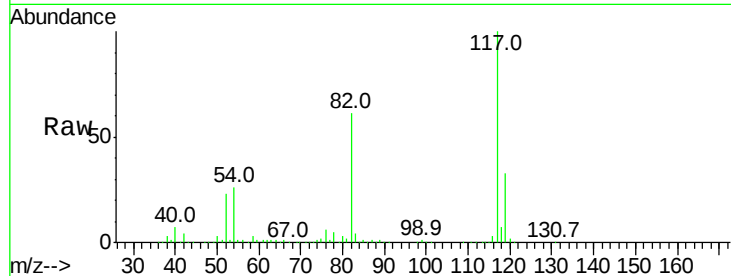
Ion 88.10 (87.80 to 88.80): VL0



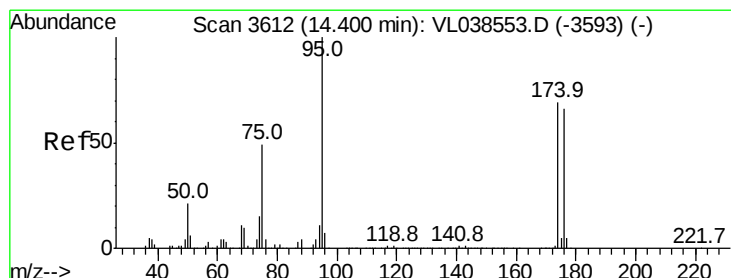
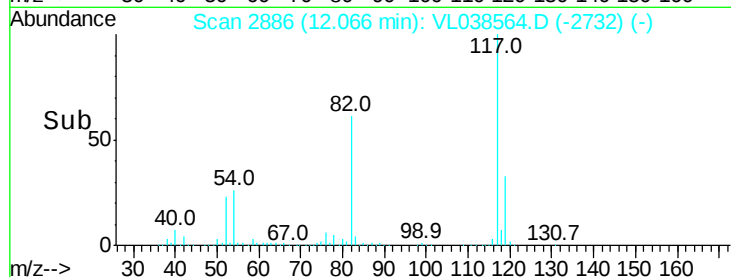
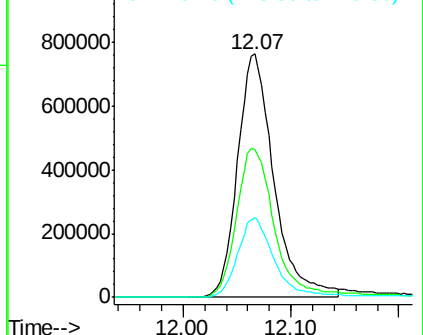


#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.07 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 9 Mar 2022 00:49

Tgt Ion: 117 Resp: 1793519
 Ion Ratio Lower Upper
 117 100
 82 67.4 52.5 78.7
 119 33.9 46.4 69.6#

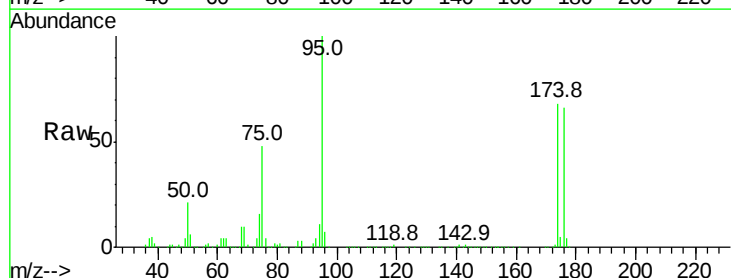


Abundance Ion 117.10 (116.80 to 117.80): V
 Ion 82.10 (81.80 to 82.80): V
 Ion 119.10 (118.80 to 119.80): V



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.50 ppbv
 RT: 14.40 min Scan# 3611
 Delta R.T.: -0.00 min
 Lab File: VL038564.D
 Acq: 9 Mar 2022 00:49

Tgt Ion: 95 Resp: 1295010
 Ion Ratio Lower Upper
 95 100
 174 76.2 56.2 84.4
 175 5.4 4.2 6.2



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

