

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030222\
Data File : VL038476.D
Acq On : 2 Mar 2022 11:09
Operator : SY/AP
Sample : VL0302ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0302ABL01

Quant Time: Mar 02 22:50:12 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	914756	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.17	114	2208102	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.08	117	1871637	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1523916	9.84	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.40%

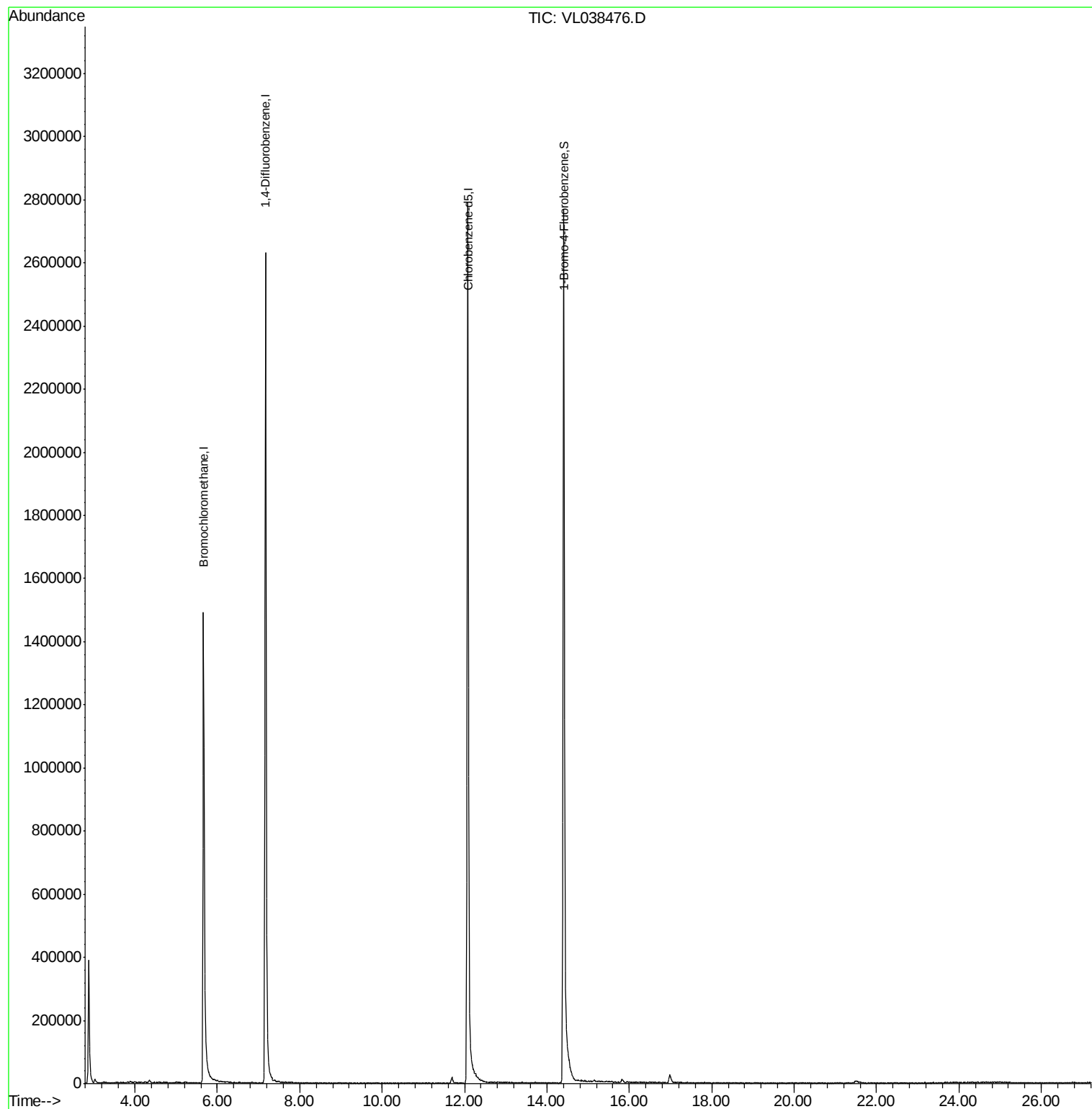
Target Compounds	Ovalue
------------------	--------

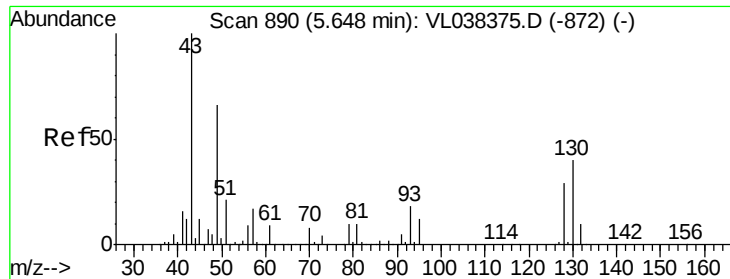
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL030222\
Data File : VL038476.D
Acq On : 2 Mar 2022 11:09
Operator : SY/AP
Sample : VL0302ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0302ABL01

Quant Time: Mar 02 22:50:12 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. 0.02 min

Lab File: VL0302ABL01 ClientSampleId:

Acq: 2 Mar 2022 11:09

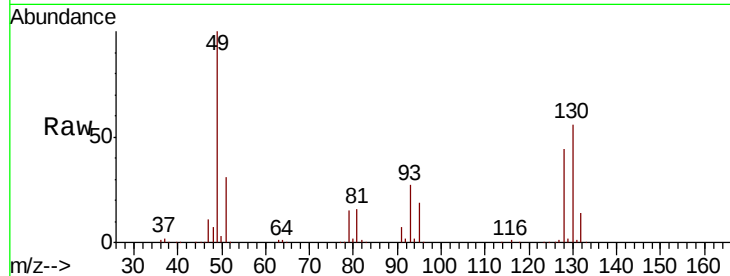
Tot Ion: 49 Resp: 914756

Ion Ratio Lower Upper

49 100

128 47.5 24.3 72.9

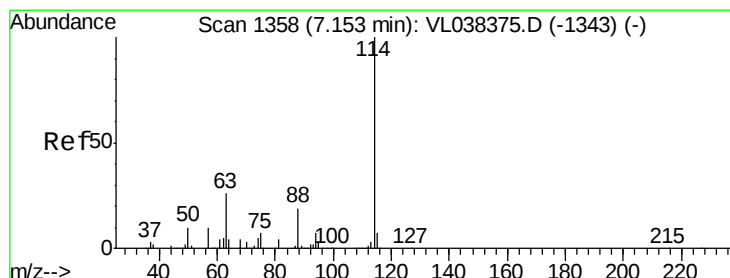
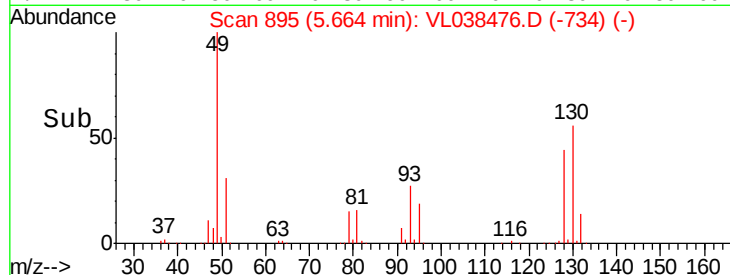
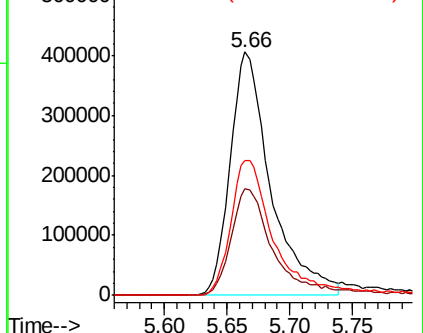
130 61.3 30.1 90.5



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: 7.17 min Scan# 1364

Delta R.T. 0.02 min

Lab File: VL038476.D

Acq: 2 Mar 2022 11:09

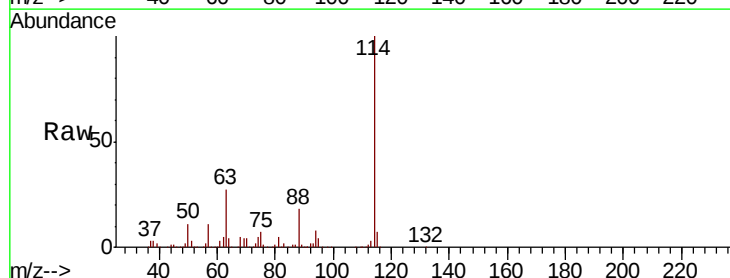
Tgt Ion:114 Resp: 2208102

Ion Ratio Lower Upper

114 100

63 27.6 22.2 33.2

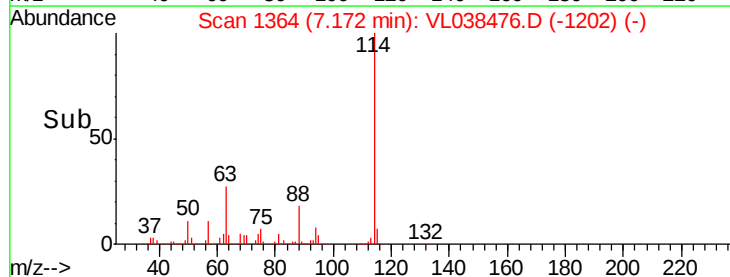
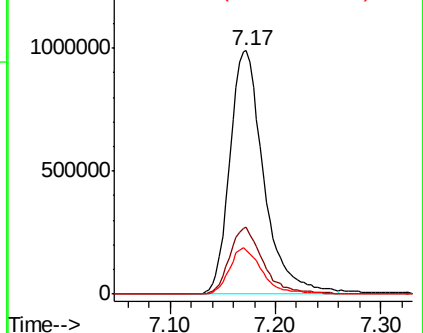
88 18.7 15.2 22.8

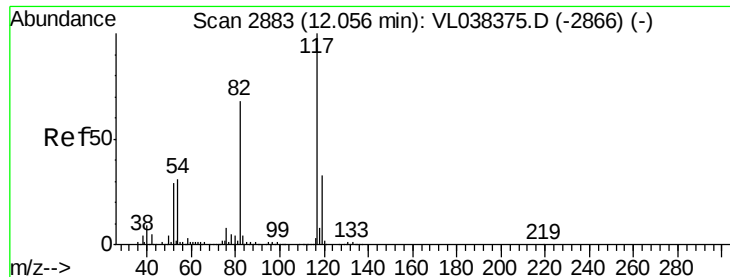


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

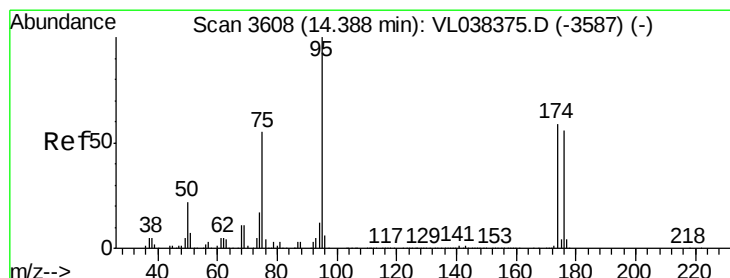
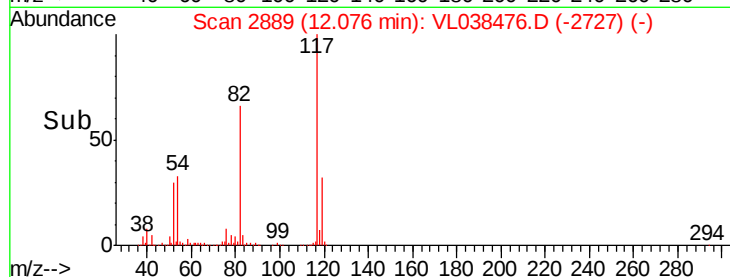
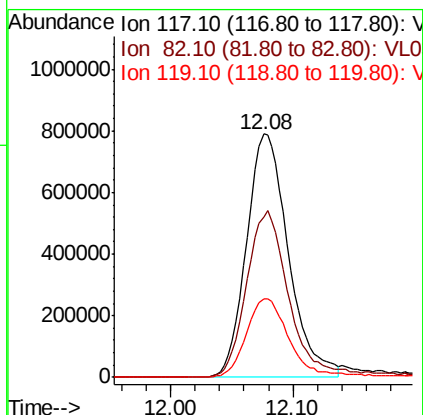
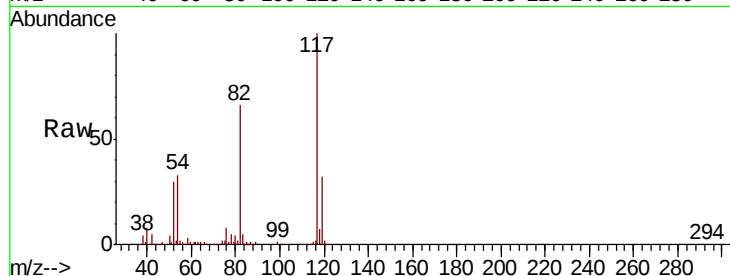
Ion 88.10 (87.80 to 88.80): VL0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0302ABL01
Acq: 2 Mar 2022 11:09

Tot Ion:117 Resp: 1871637
Ion Ratio Lower Upper
117 100
82 72.8 54.9 82.3
119 33.9 46.1 69.1#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.840 ppbv
RT: 14.41 min Scan# 3614
Delta R.T.: 0.02 min
Lab File: VL038476.D
Acq: 2 Mar 2022 11:09

Tgt Ion: 95 Resp: 1523916
Ion Ratio Lower Upper
95 100
174 62.7 49.0 73.4
175 4.7 3.6 5.4

