

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050522\
 Data File : VL038965.D
 Acq On : 5 May 2022 9:06
 Operator : SY/AP
 Sample : VL0505ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0505ABL01

Quant Time: May 05 10:16:03 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu May 05 10:12:15 2022
 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1283974	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3038656	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2577489	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2041048	10.00	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

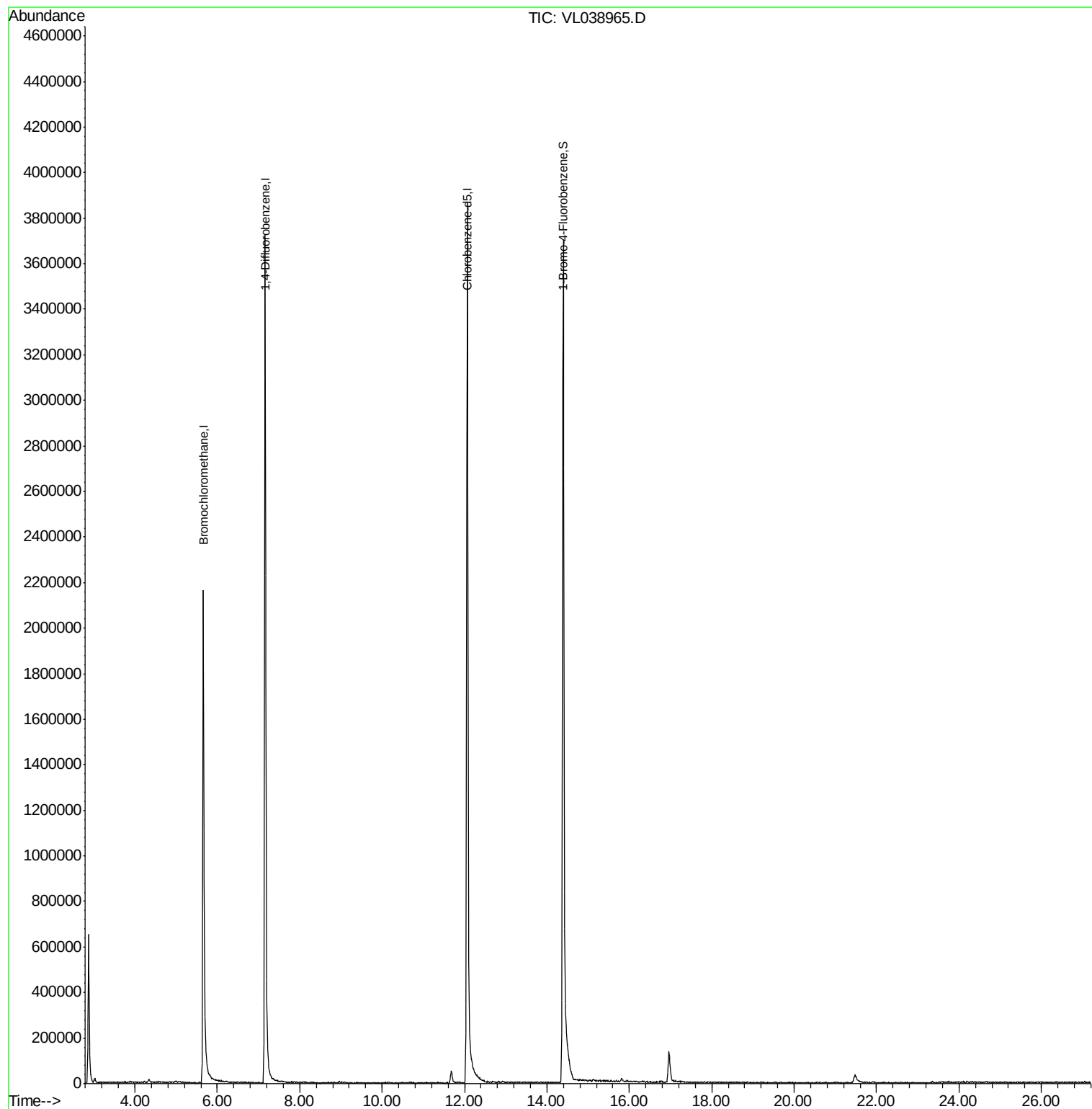
Target Compounds	Ovalue

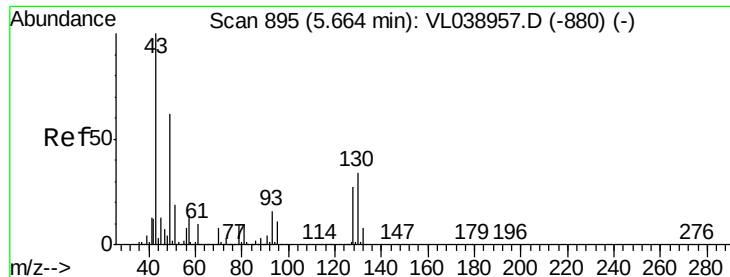
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0505ABL01

Acq: 5 May 2022 9:00

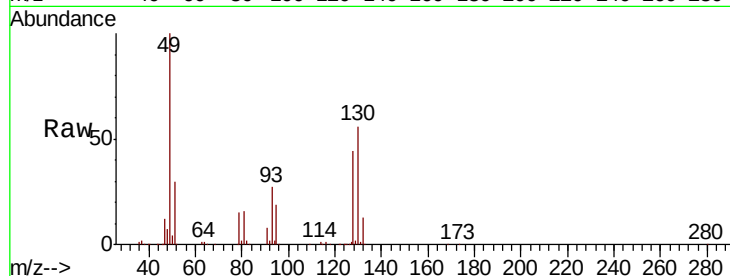
Tot Ion: 49 Resp: 1283974

Ion Ratio Lower Upper

49 100

128 47.1 23.3 69.8

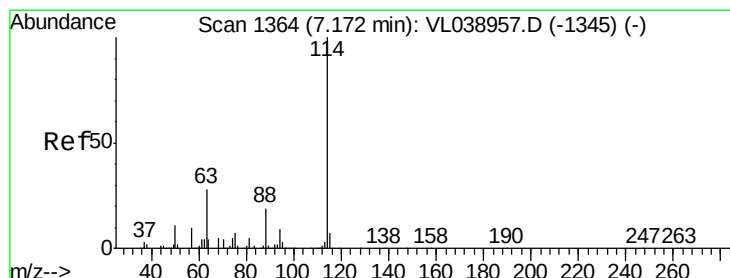
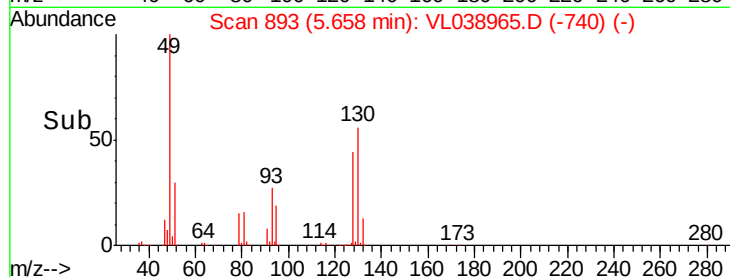
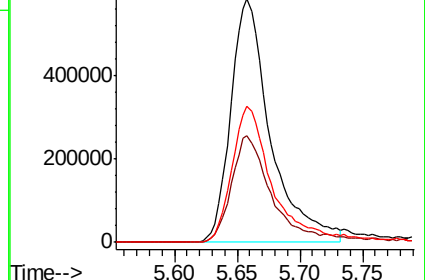
130 59.6 29.8 89.3



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: 7.16 min Scan# 1361

Delta R.T. -0.01 min

Lab File: VL038965.D

Acq: 5 May 2022 9:06

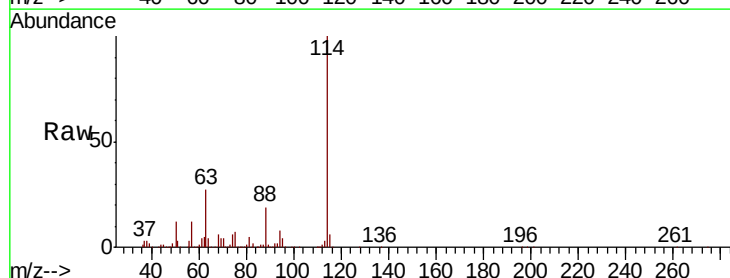
Tgt Ion: 114 Resp: 3038656

Ion Ratio Lower Upper

114 100

63 28.3 22.6 33.8

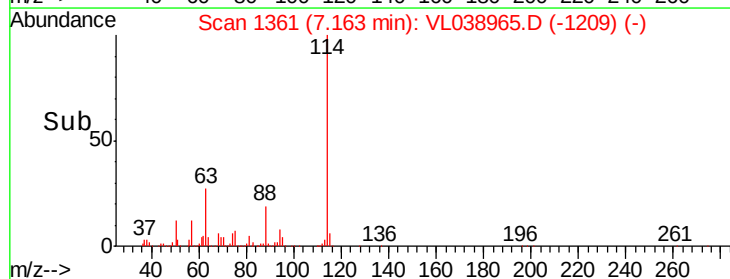
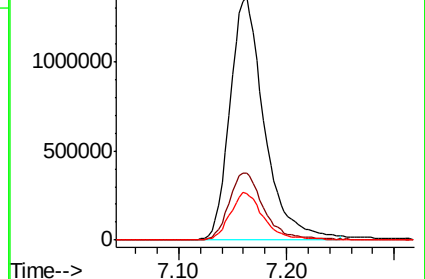
88 19.4 15.4 23.0

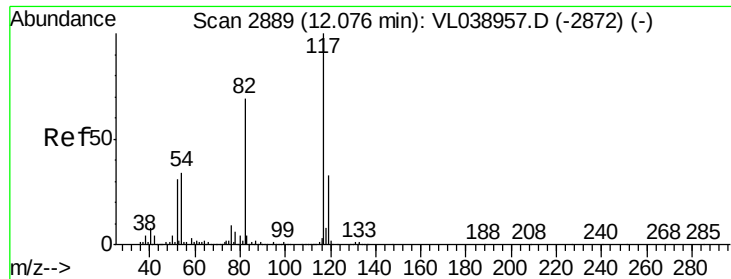


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

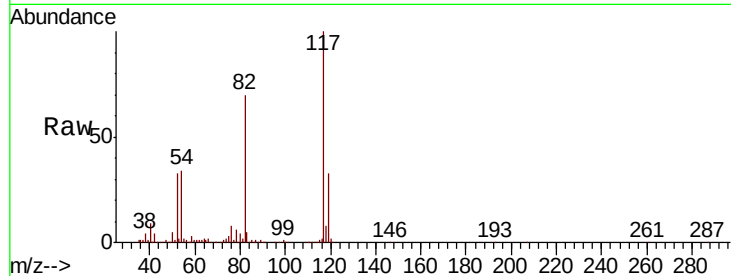




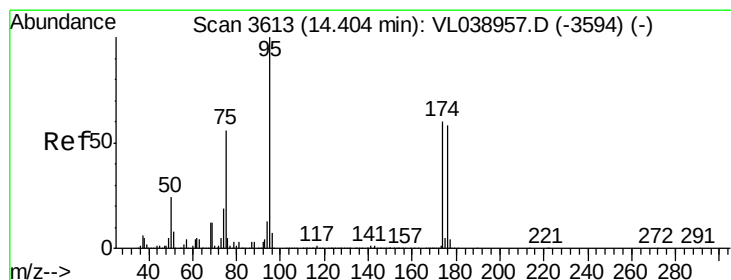
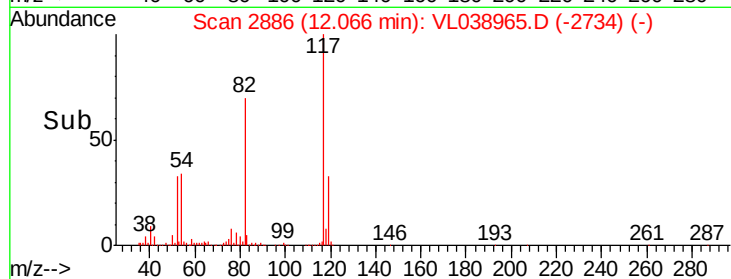
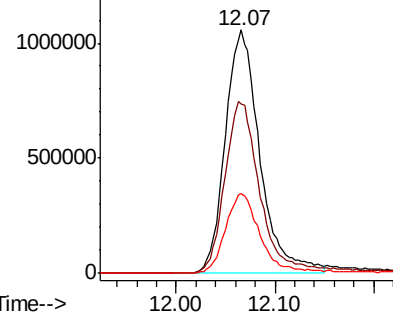
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0505ABL01
Acq: 5 May 2022 9:00

Tot Ion: 117 Resp: 2577489

Ion	Ratio	Lower	Upper
117	100		
82	74.3	57.0	85.6
119	34.6	27.2	40.8



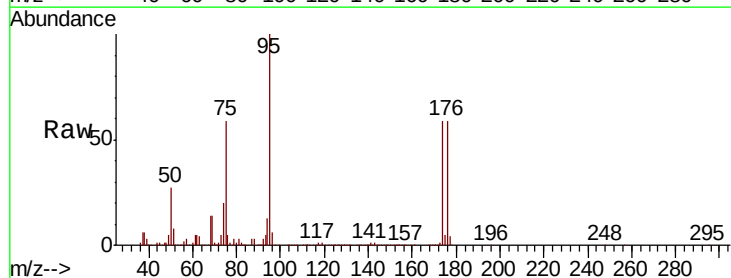
Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.999 ppbv
RT: 14.39 min Scan# 3610
Delta R.T.: -0.01 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion: 95 Resp: 2041048

Ion	Ratio	Lower	Upper
95	100		
174	64.5	50.8	76.2
175	4.7	3.8	5.6



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

