

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101821\
Data File : VL037854.D
Acq On : 18 Oct 2021 15:40
Operator : SY/AP
Sample : VL1018ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABL01

Quant Time: Oct 19 08:41:54 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 04 17:43:54 2021
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1308790	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3860376	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3280994	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2200478	9.59	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.90%

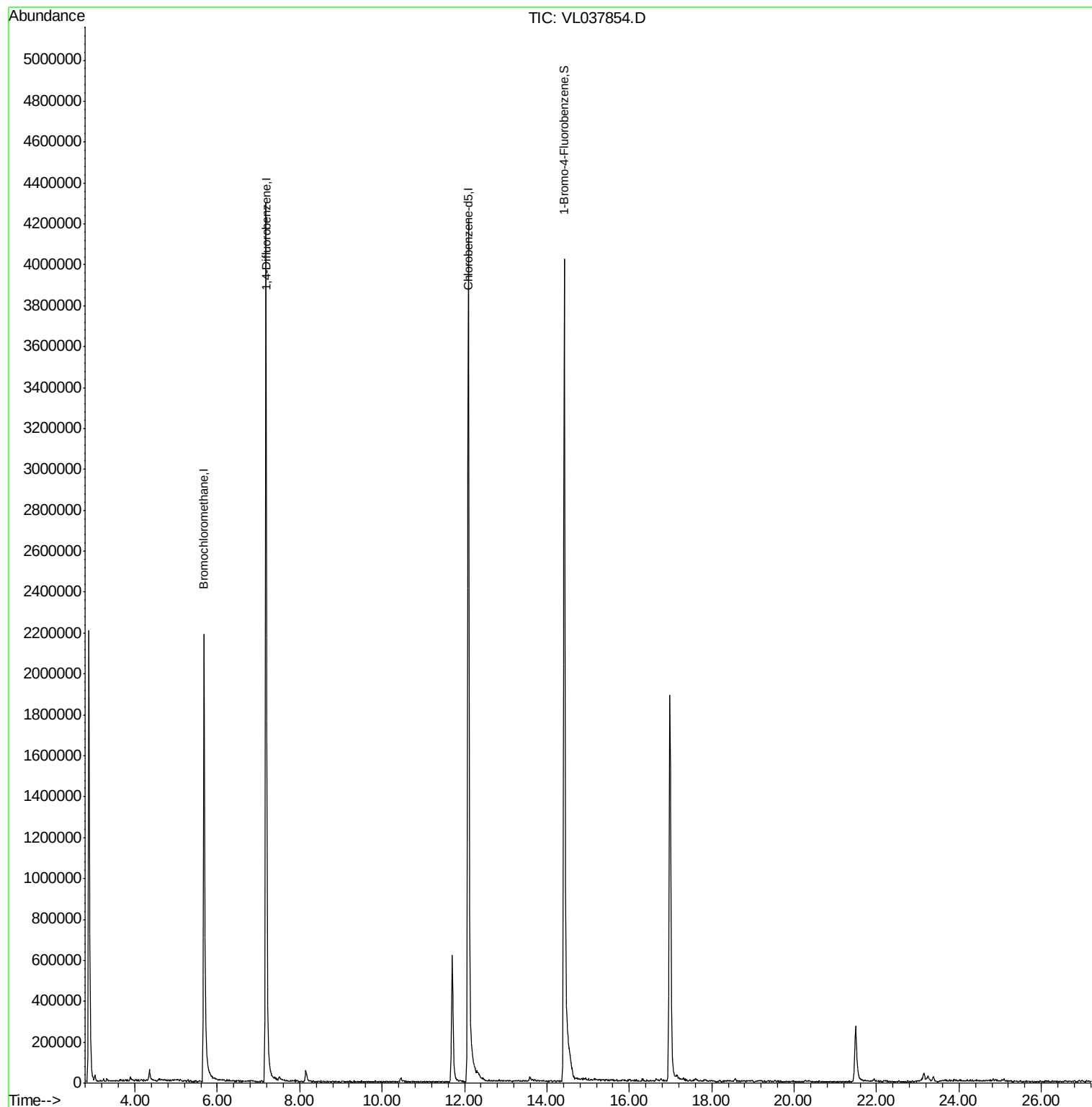
Target Compounds	Ovalue
------------------	--------

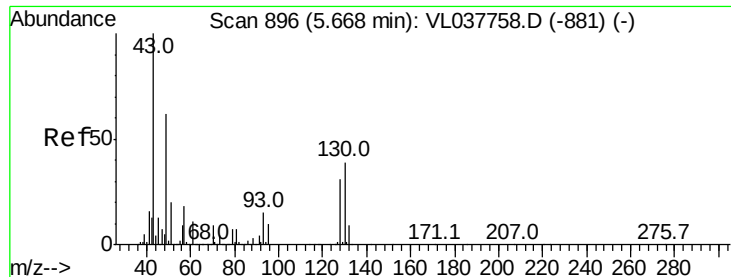
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL101821\
Data File : VL037854.D
Acq On : 18 Oct 2021 15:40
Operator : SY/AP
Sample : VL1018ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABL01

Quant Time: Oct 19 08:41:54 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 04 17:43:54 2021
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 18 Oct 2021 15:40 VL1018ABL01

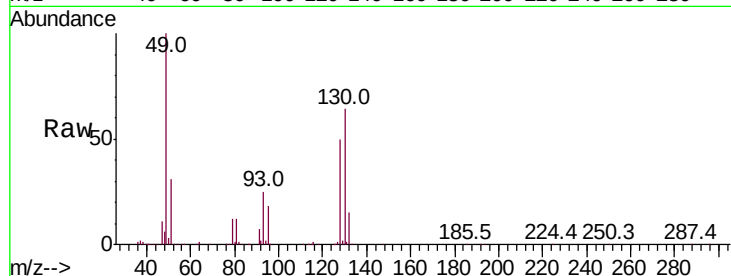
Tot Ion: 49 Resp: 1308790

Ion Ratio Lower Upper

49 100

128 56.0 27.1 81.3

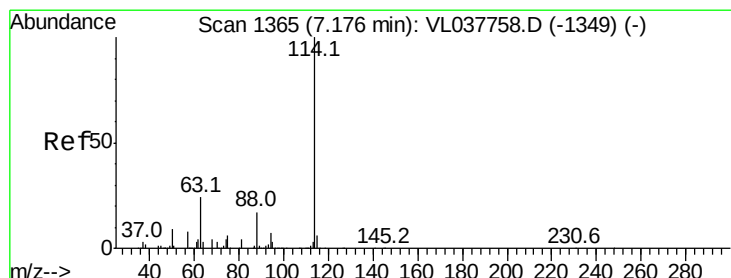
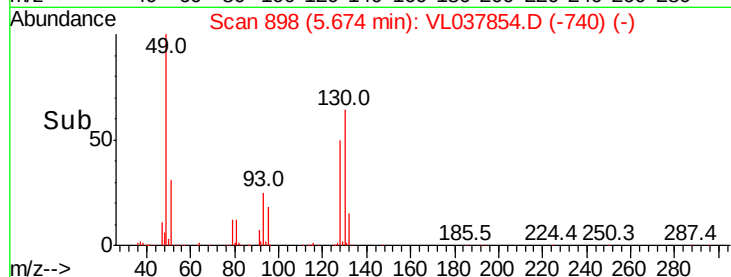
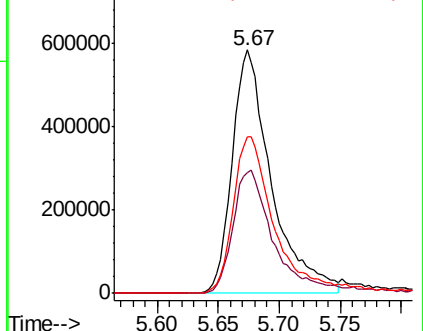
130 69.8 33.2 99.6



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: 7.18 min Scan# 1367

Delta R.T. 0.01 min

Lab File: VL037854.D

Acq: 18 Oct 2021 15:40

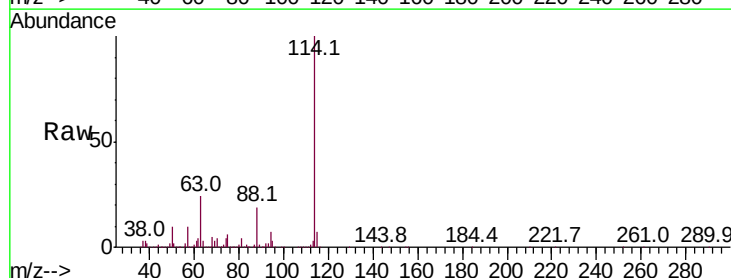
Tgt Ion:114 Resp: 3860376

Ion Ratio Lower Upper

114 100

63 24.0 19.4 29.2

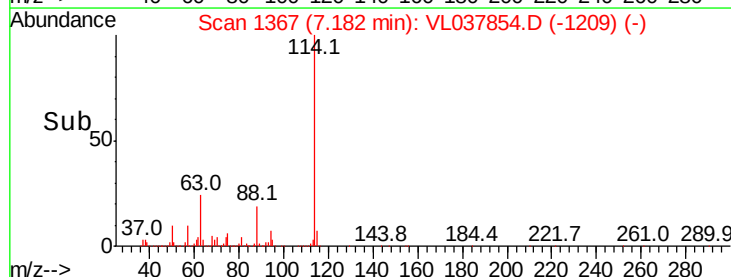
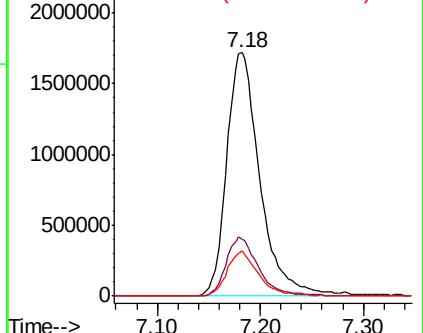
88 17.8 14.4 21.6

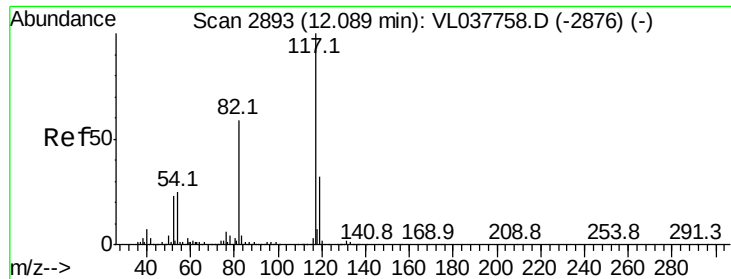


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

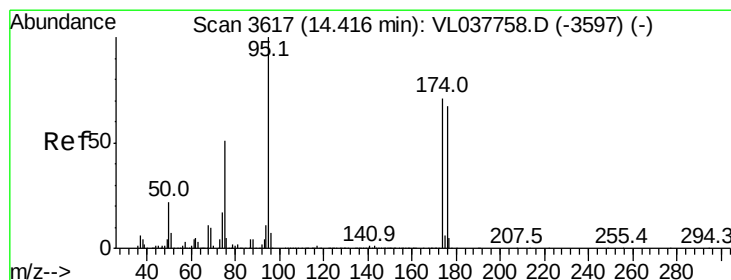
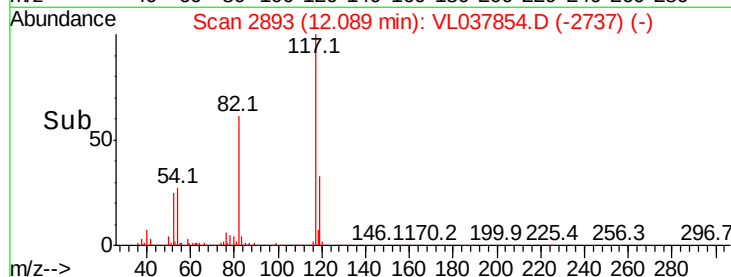
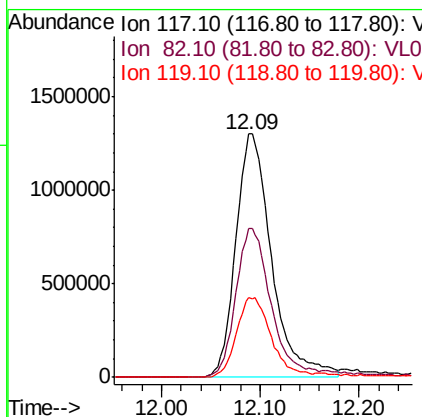
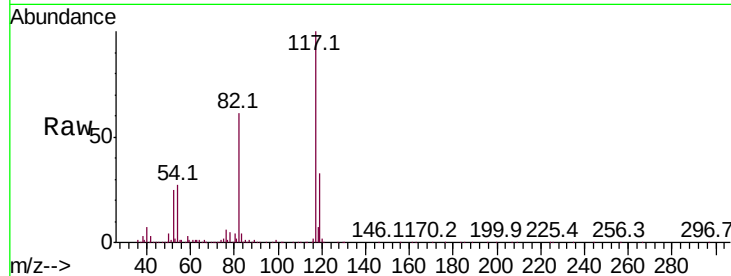




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1018ABL01
Acq: 18 Oct 2021 15:40

Tot Ion:117 Resp: 3280994

Ion	Ratio	Lower	Upper
117	100		
82	64.3	52.2	78.2
119	34.2	26.0	39.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.591 ppbv
RT: 14.42 min Scan# 3618
Delta R.T.: 0.00 min
Lab File: VL037854.D
Acq: 18 Oct 2021 15:40

Tgt Ion: 95 Resp: 2200478

Ion	Ratio	Lower	Upper
95	100		
174	77.1	57.8	86.6
175	5.8	4.7	7.1

