

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080621\
 Data File : VL037349.D
 Acq On : 6 Aug 2021 18:40
 Operator : SY/AP
 Sample : VL0806ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0806ABL01

Quant Time: Aug 07 01:46:17 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 06 17:52:04 2021
 QLast Update : Fri Aug 06 17:52:04 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	891430	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2959584	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2463766	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1724841	9.94	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.40%

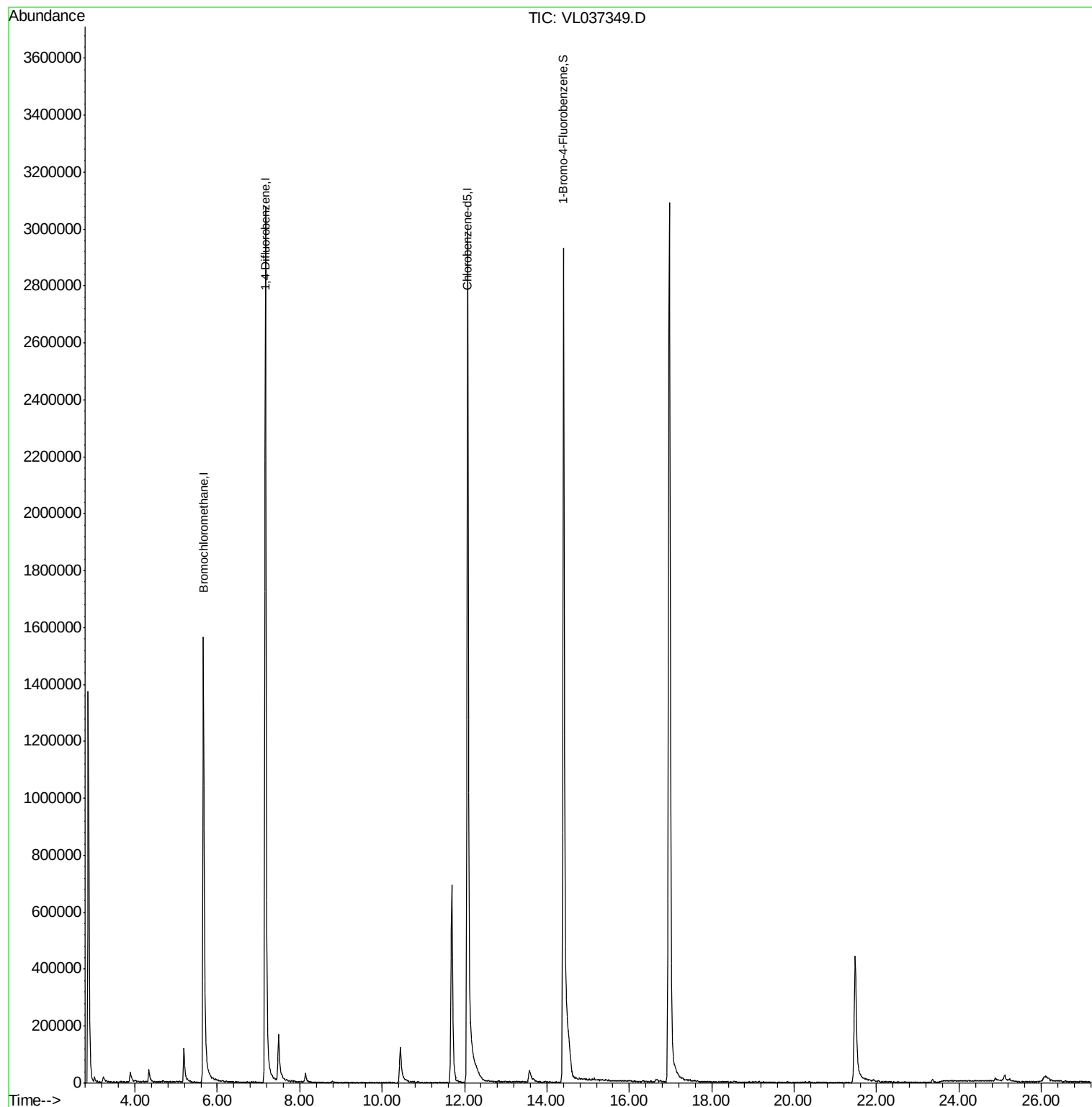
Target Compounds	Ovalue

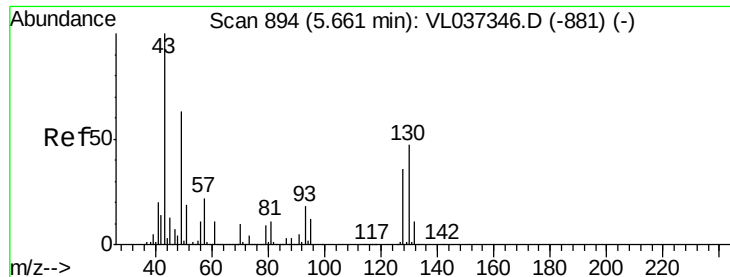
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL080621\
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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. 0.00 min

Lab File: VL037349.D

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Instrument :

MSVOA_L

ClientSampleId :

VL0806ABL01

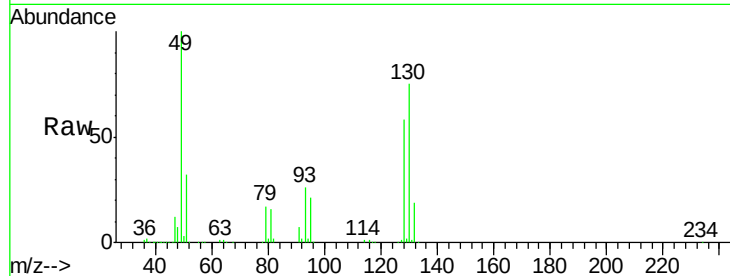
Tot Ion: 49 Resp: 891430

Ion Ratio Lower Upper

49 100

128 64.4 32.1 96.3

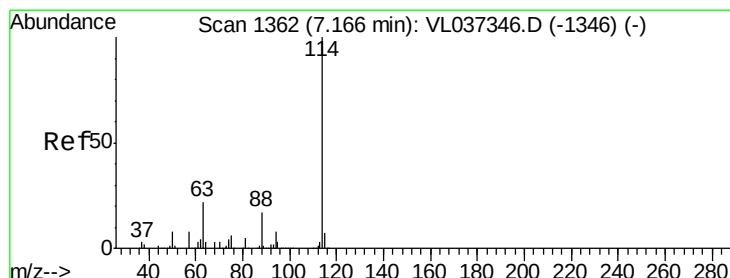
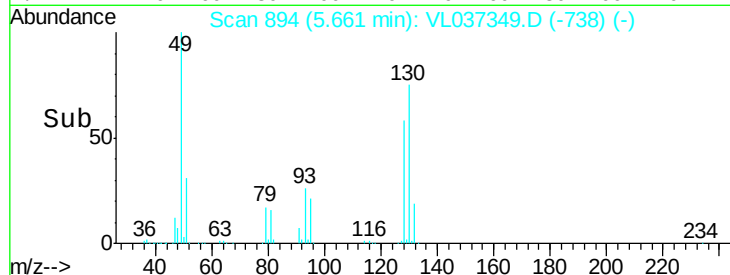
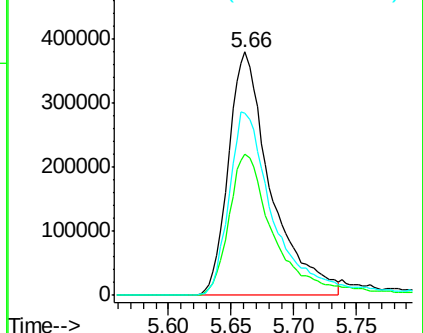
130 83.0 40.0 120.0



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# 1363

Delta R.T. 0.00 min

Lab File: VL037349.D

Acq: 6 Aug 2021 18:40

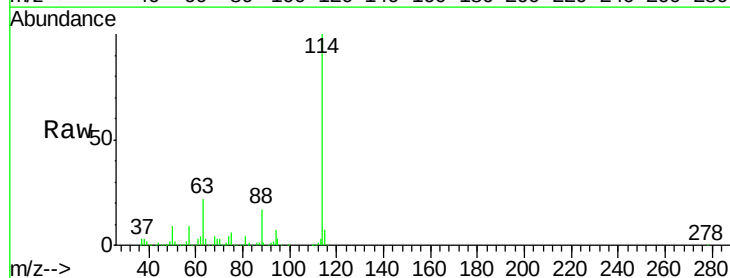
Tgt Ion: 114 Resp: 2959584

Ion Ratio Lower Upper

114 100

63 22.6 17.8 26.6

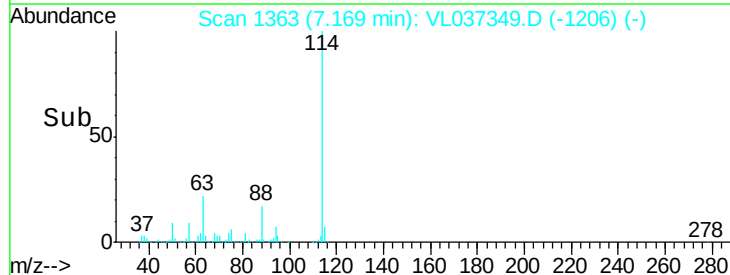
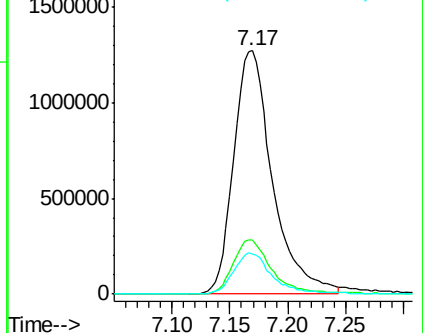
88 17.3 13.5 20.3

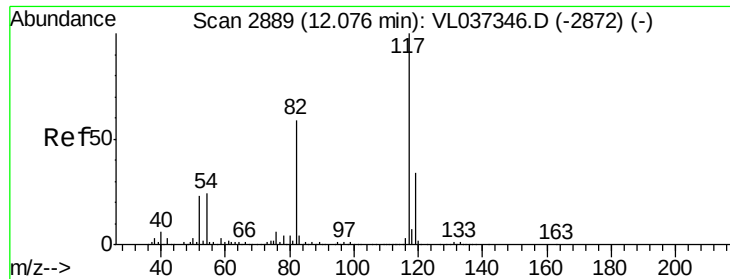


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

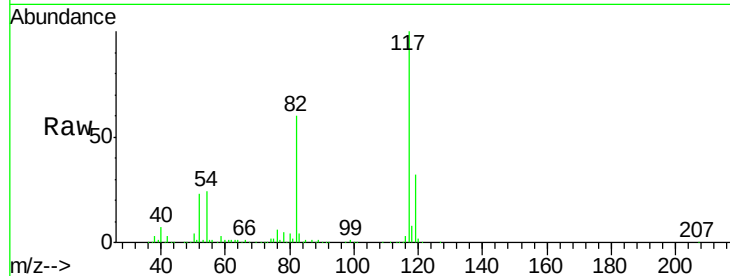




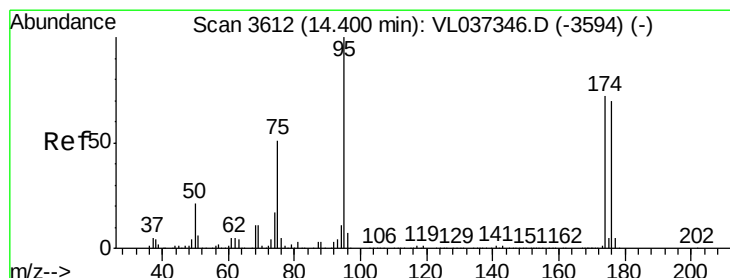
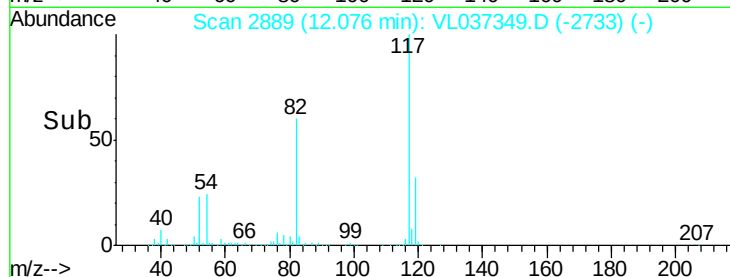
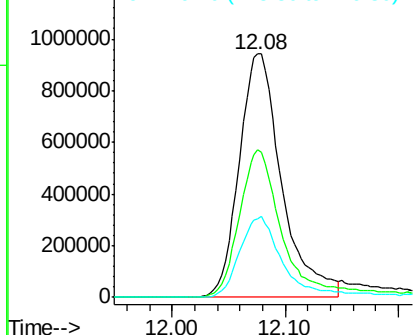
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. 0.00 min
Lab File: VL037349.D
Acq: 6 Aug 2021 18:40

Instrument :
MSVOA_L
ClientSampleId :
VL0806ABL01

Tot Ion:117 Resp: 2463766
Ion Ratio Lower Upper
117 100
82 67.3 46.0 69.0
119 35.4 24.4 36.6

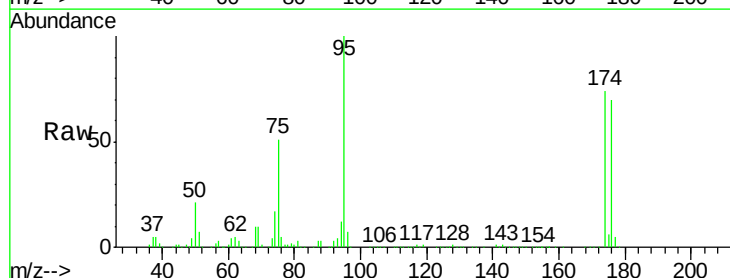


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.938 ppbv
RT: 14.40 min Scan# 3613
Delta R.T. 0.00 min
Lab File: VL037349.D
Acq: 6 Aug 2021 18:40

Tgt Ion: 95 Resp: 1724841
Ion Ratio Lower Upper
95 100
174 83.4 60.8 91.2
175 6.1 4.3 6.5



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

