

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061721\
Data File : VL037196.D
Acq On : 17 Jun 2021 11:32
Operator : SY/AP
Sample : VL0617ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0617ABL01

Quant Time: Jun 26 00:16:17 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 16 14
QLast Update : Wed Jun 16 14:06:32 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1362530	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4084890	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.09	117	3508581	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2549530	9.59	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.90%

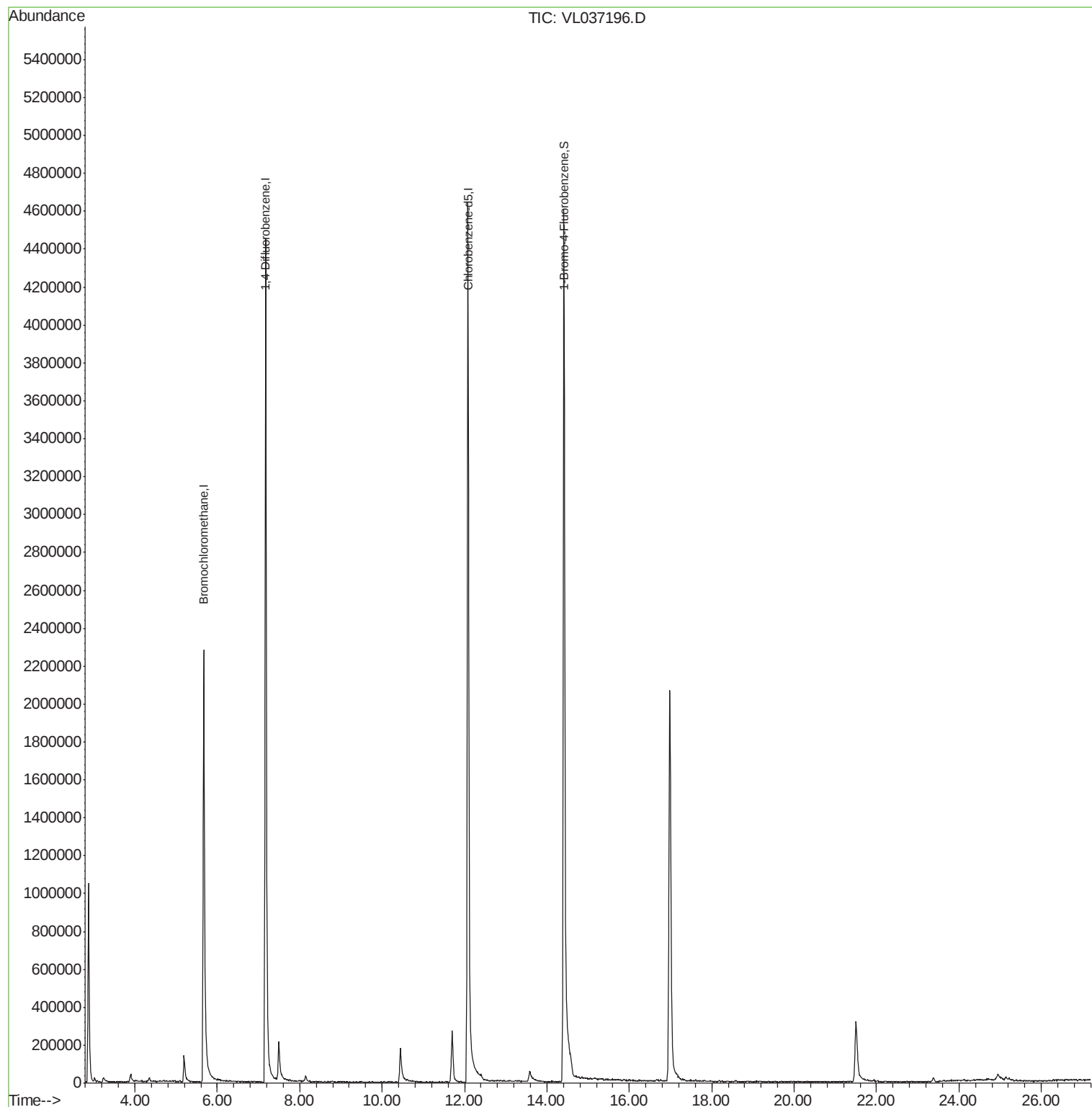
Target Compounds	Ovalue
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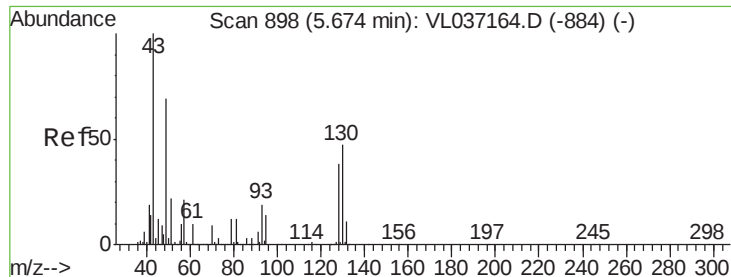
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL061721\
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. -0.01 min

Lab File: VL037196.D

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Instrument :

MSVOA_L

ClientSampleId :

VL0617ABL01

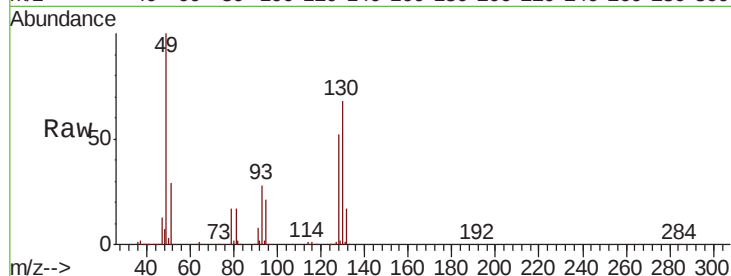
Tot Ion: 49 Resp: 1362530

Ion Ratio Lower Upper

49 100

128 58.8 29.3 88.0

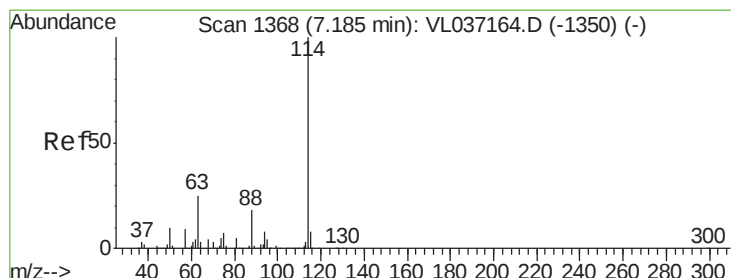
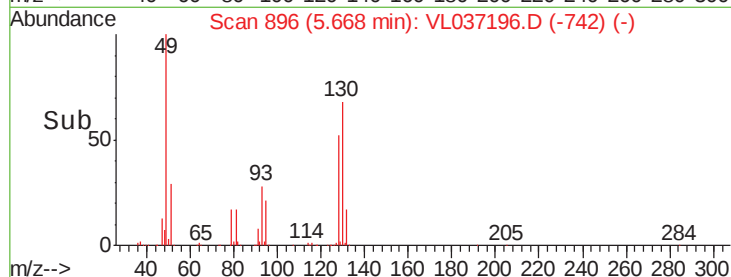
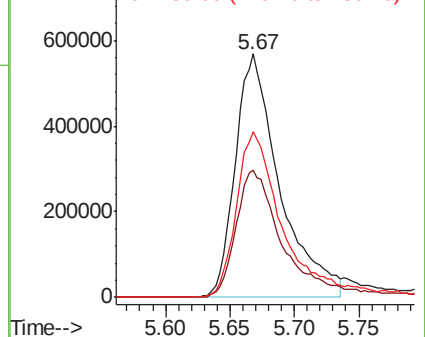
130 73.4 35.9 107.8



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. -0.01 min

Lab File: VL037196.D

Acq: 17 Jun 2021 11:32

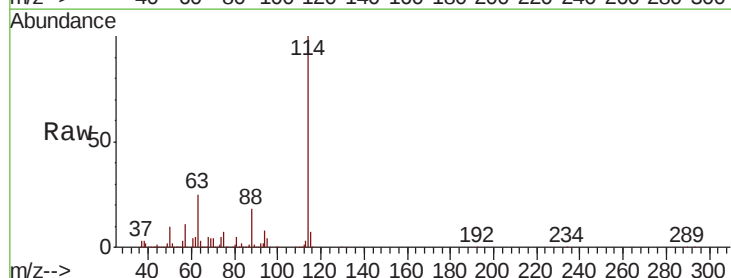
Tgt Ion: 114 Resp: 4084890

Ion Ratio Lower Upper

114 100

63 24.9 19.6 29.4

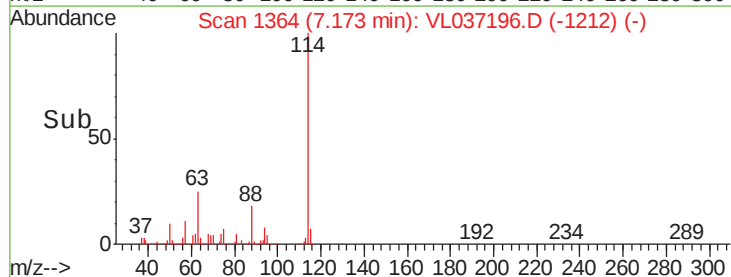
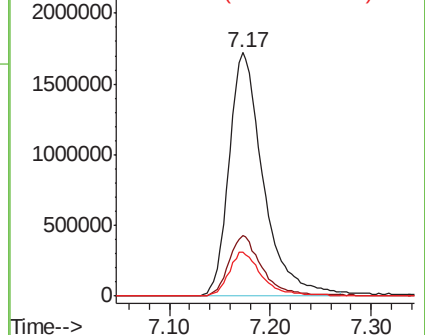
88 17.7 14.2 21.2

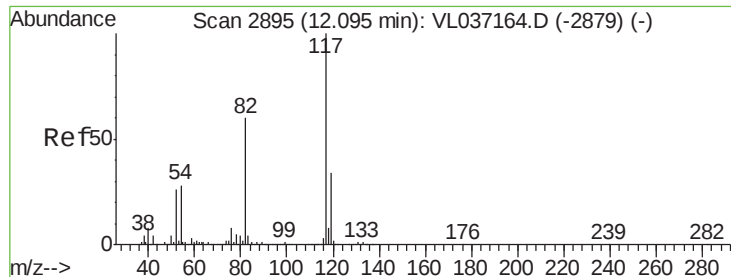


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

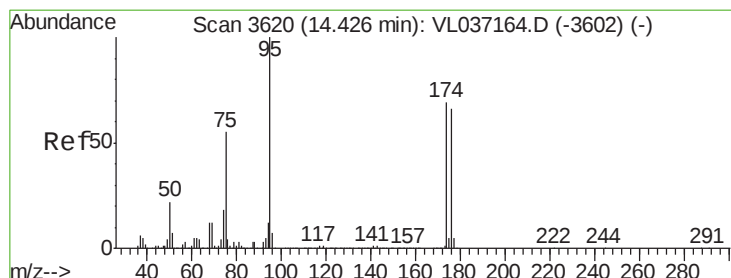
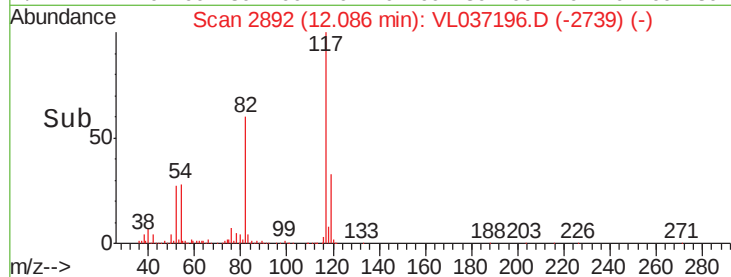
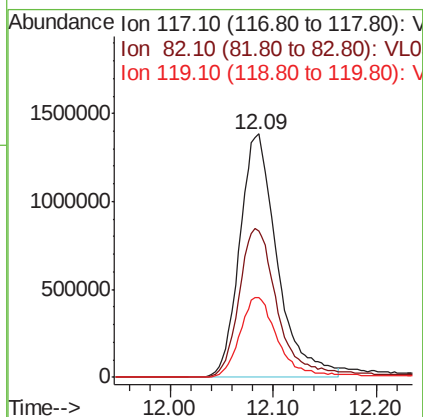
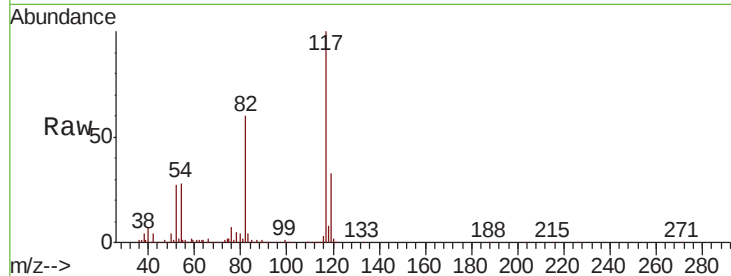




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL037196.D
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Instrument :
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ClientSampleId :
VL0617ABL01

Tot Ion:117 Resp: 3508581
Ion Ratio Lower Upper
117 100
82 66.2 51.7 77.5
119 34.5 47.6 71.4#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.590 ppbv
RT: 14.41 min Scan# 3616
Delta R.T. -0.01 min
Lab File: VL037196.D
Acq: 17 Jun 2021 11:32

Tgt Ion: 95 Resp: 2549530
Ion Ratio Lower Upper
95 100
174 77.3 57.0 85.4
175 5.4 4.4 6.6

