

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040221\
Data File : VL036642.D
Acq On : 2 Apr 2021 12:55
Operator : SY/AP
Sample : VL0402ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0402ABL01

Quant Time: Apr 03 03:48:53 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1432904	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3713256	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3258754	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2500424	9.63	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.30%

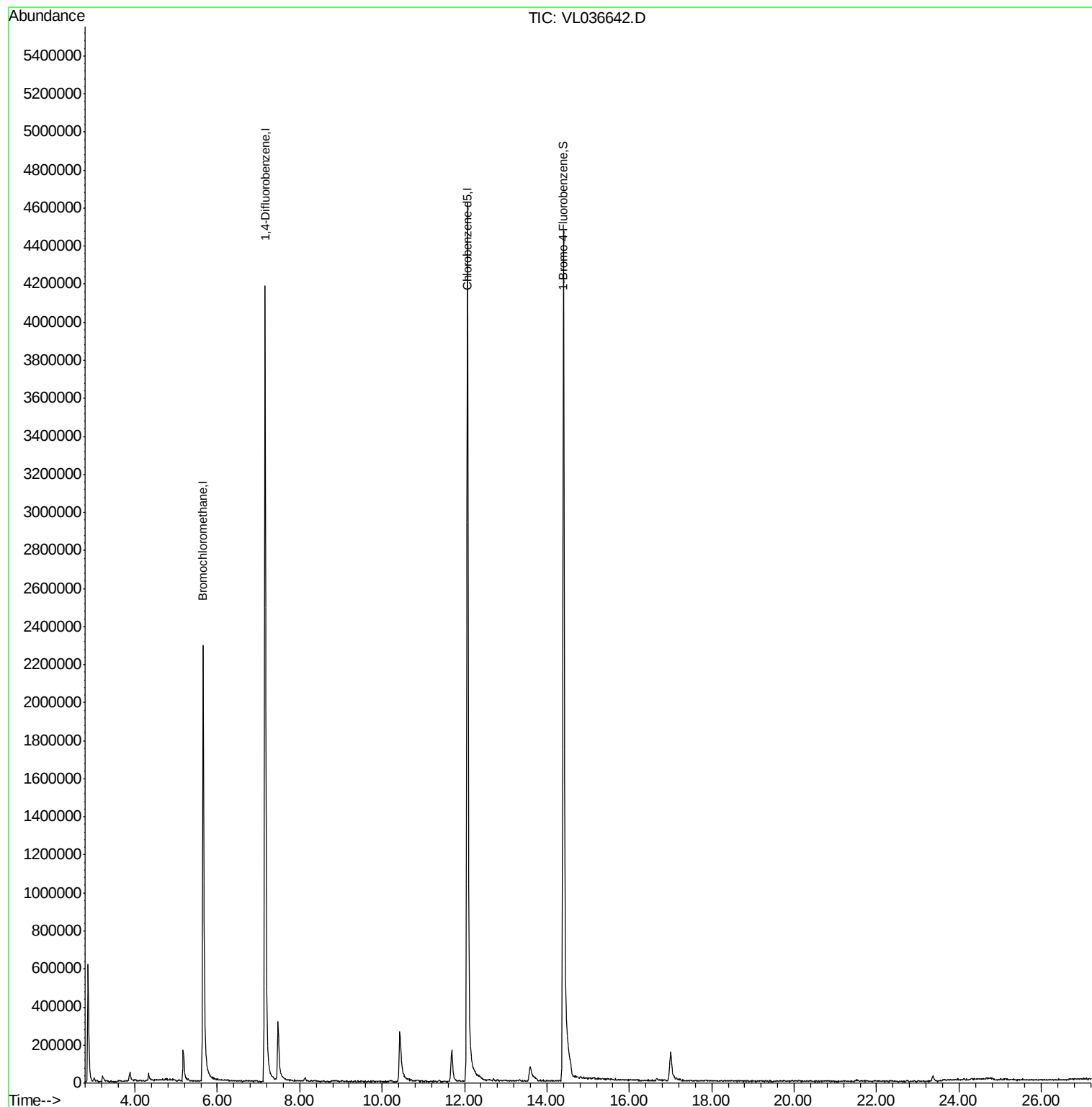
Target Compounds	Ovalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.02 min

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Instrument :

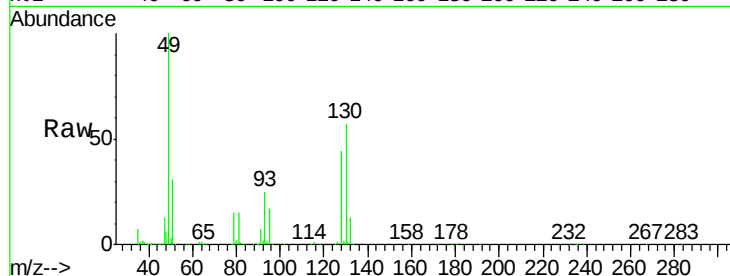
MSVOA_L

ClientSampleId :

VL0402ABL01

Tot Ion: 49 Resp: 1432904

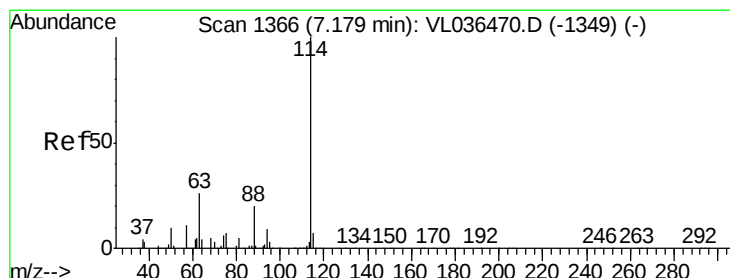
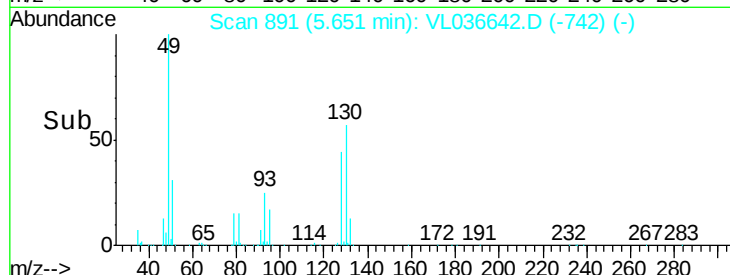
Ion	Ratio	Lower	Upper
49	100		
128	48.2	23.5	70.6
130	63.0	29.1	87.4



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# 1360

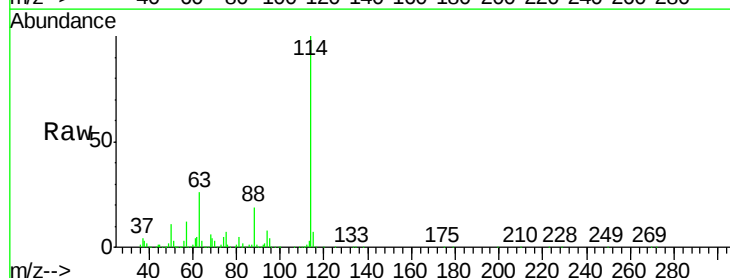
Delta R.T. -0.02 min

Lab File: VL036642.D

Acq: 2 Apr 2021 12:55

Tgt Ion: 114 Resp: 3713256

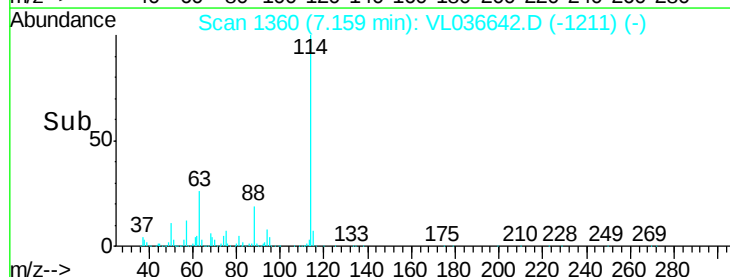
Ion	Ratio	Lower	Upper
114	100		
63	27.0	22.4	33.6
88	18.9	15.4	23.0

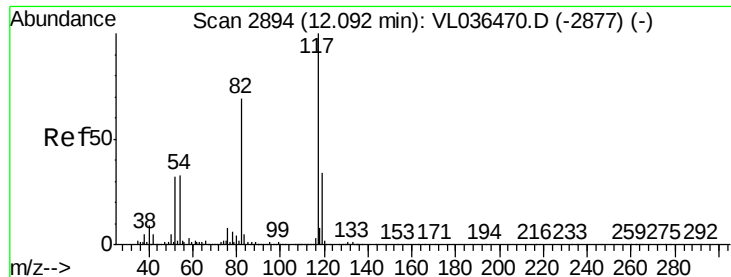


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

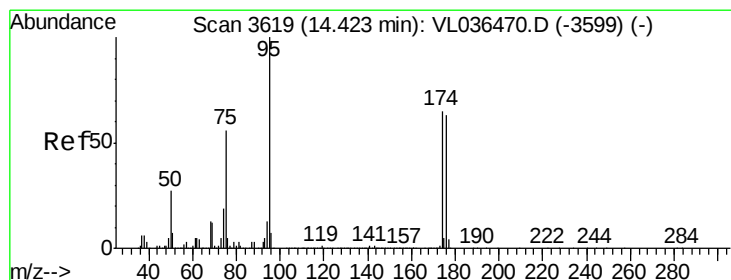
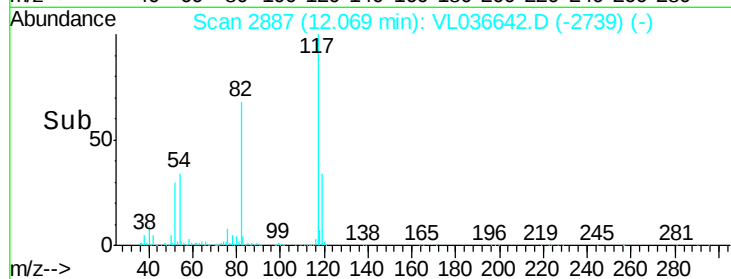
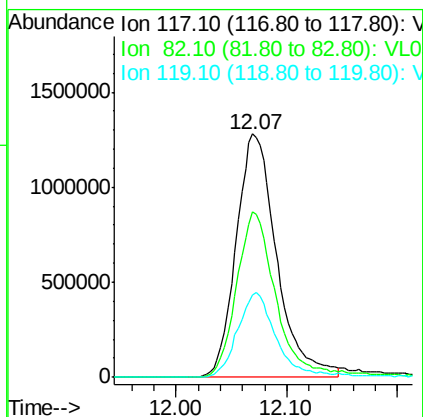
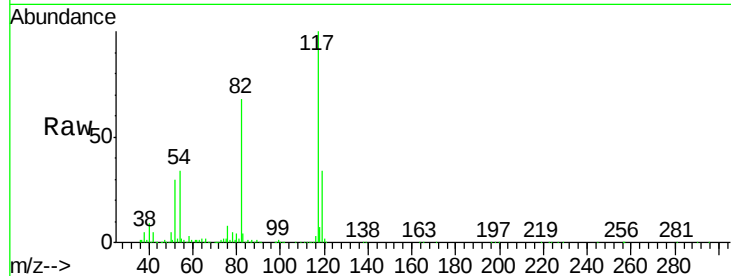




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2887
Delta R.T. -0.02 min
Lab File: VL036642.D
Acq: 2 Apr 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VL0402ABL01

Tot Ion:117 Resp: 3258754
Ion Ratio Lower Upper
117 100
82 68.1 57.4 86.0
119 34.3 47.4 71.0#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.627 ppbv
RT: 14.40 min Scan# 3612
Delta R.T. -0.02 min
Lab File: VL036642.D
Acq: 2 Apr 2021 12:55

Tgt Ion: 95 Resp: 2500424
Ion Ratio Lower Upper
95 100
174 75.4 51.0 76.6
175 5.6 3.9 5.9

