

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081221\
 Data File : VL037417.D
 Acq On : 12 Aug 2021 16:31
 Operator : SY/AP
 Sample : VL0812ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0812ABL01

Quant Time: Aug 13 01:44:18 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081221AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Aug 12 15:26:13 2021
 QLast Update : Thu Aug 12 15:26:13 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1320257	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4010764	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3352742	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2334986	9.71	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.10%

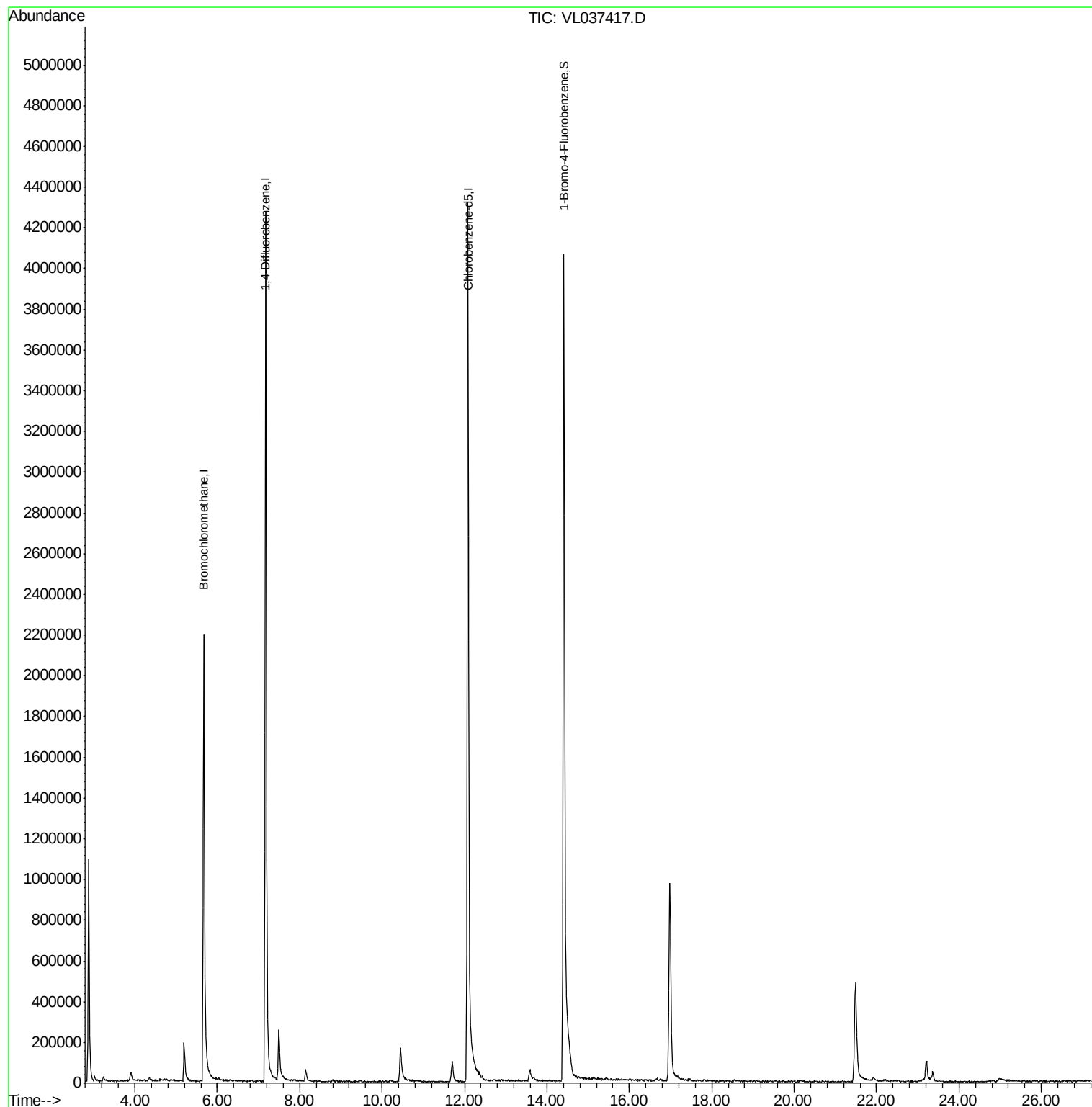
Target Compounds	Ovalue

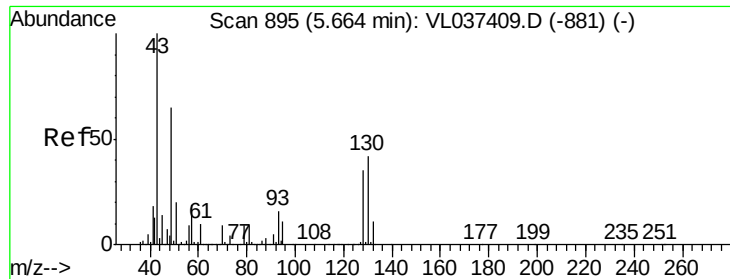
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.00 min

Lab File: VL037417.D

Acq: 12 Aug 2021 16:31

Instrument :

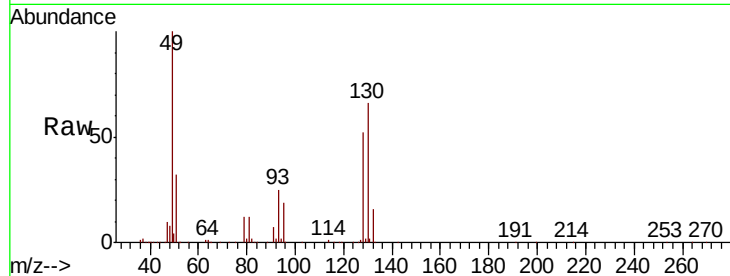
MSVOA_L

ClientSampleId :

VL0812ABL01

Tot Ion: 49 Resp: 1320257

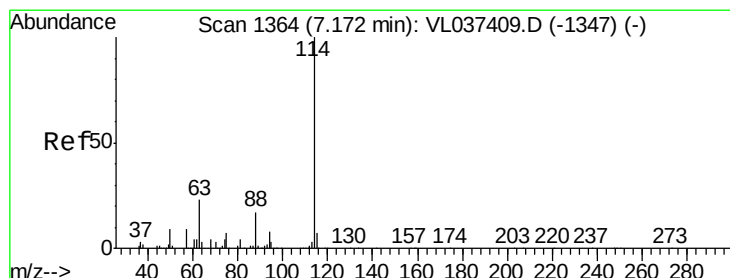
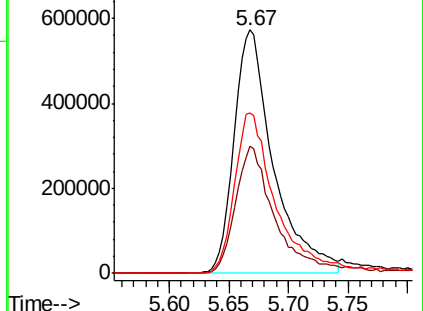
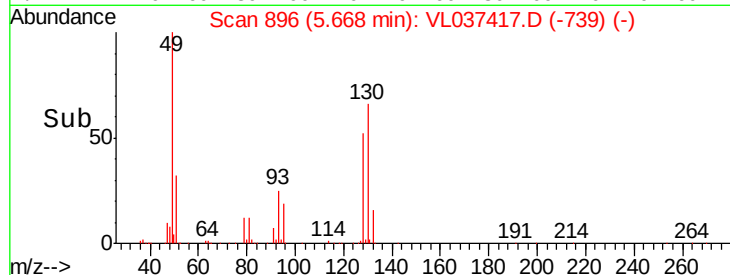
Ion	Ratio	Lower	Upper
49	100		
128	54.3	27.9	83.6
130	72.5	34.6	103.8



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: 7.18 min Scan# 1365

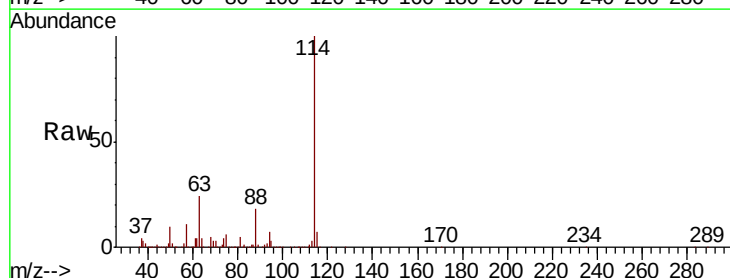
Delta R.T. 0.00 min

Lab File: VL037417.D

Acq: 12 Aug 2021 16:31

Tgt Ion: 114 Resp: 4010764

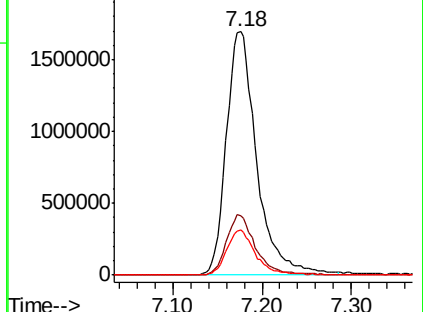
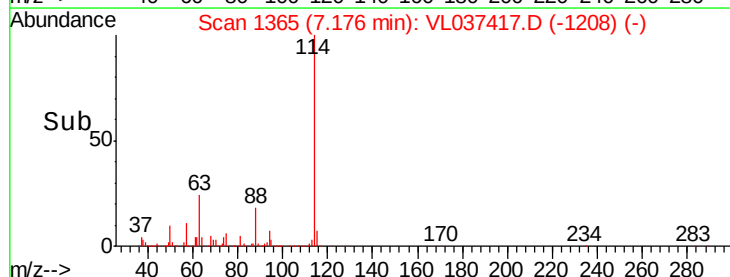
Ion	Ratio	Lower	Upper
114	100		
63	23.9	19.4	29.2
88	17.9	14.2	21.4

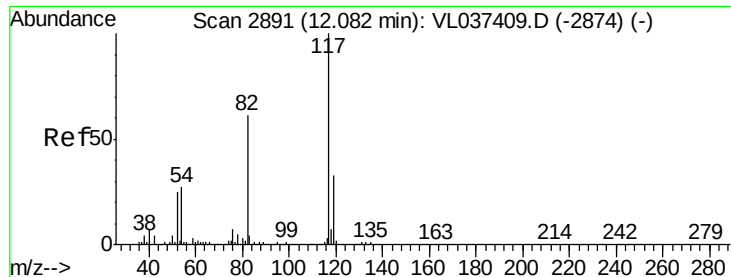


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

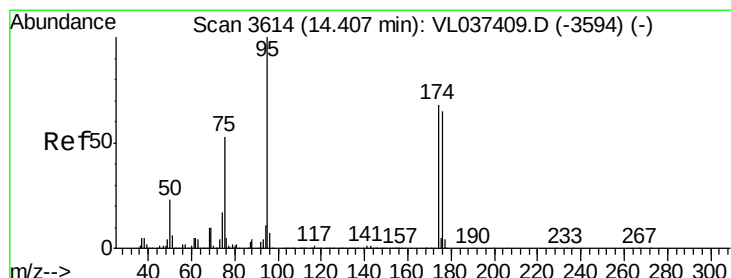
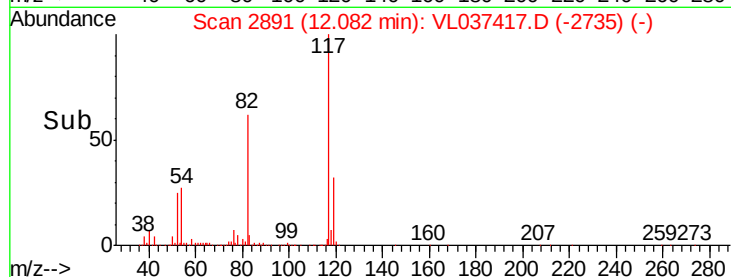
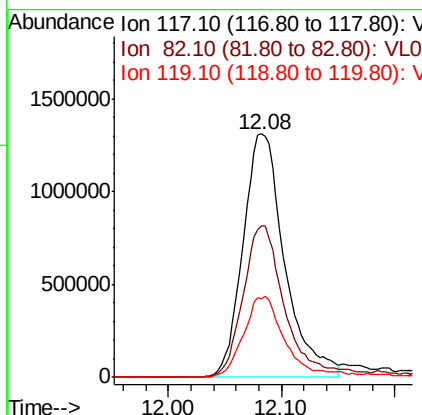
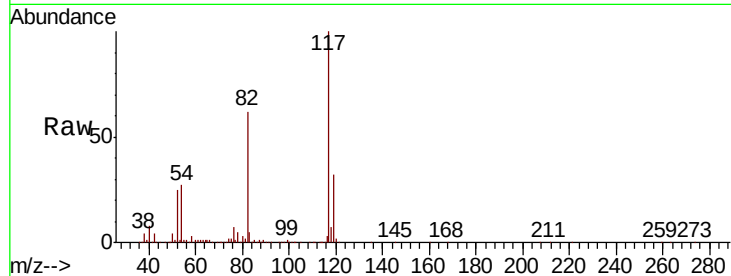




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2891
Delta R.T. 0.00 min
Lab File: VL037417.D
Acq: 12 Aug 2021 16:31

Instrument :
MSVOA_L
ClientSampleId :
VL0812ABL01

Tot Ion:117 Resp: 3352742
Ion Ratio Lower Upper
117 100
82 66.9 53.1 79.7
119 34.4 28.0 42.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.709 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. 0.00 min
Lab File: VL037417.D
Acq: 12 Aug 2021 16:31

Tgt Ion: 95 Resp: 2334986
Ion Ratio Lower Upper
95 100
174 78.8 59.6 89.4
175 6.0 4.3 6.5

