

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102521\
Data File : VL037891.D
Acq On : 25 Oct 2021 12:54
Operator : SY/AP
Sample : OC102121 CAN 10054
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC102121 CAN 10054

Quant Time: Oct 27 12:03:08 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	1430460	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4247231	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3458764	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2411732	9.97	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.70%

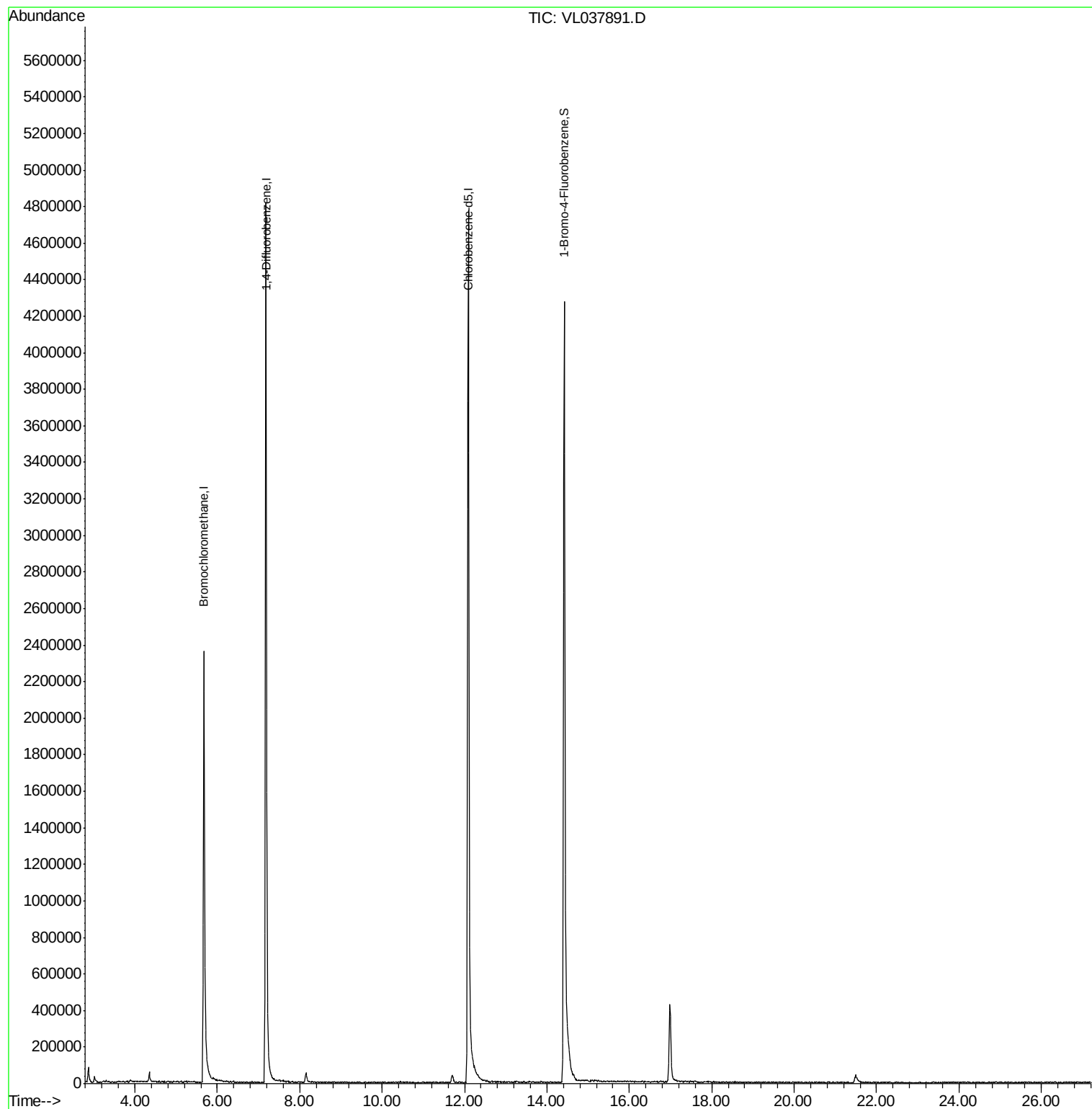
Target Compounds	Ovalue
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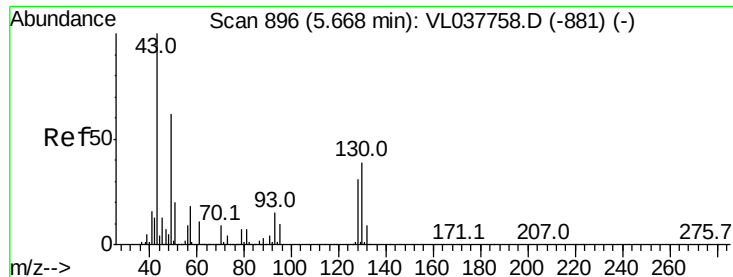
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: QC102121 CAN 10054

Acq: 25 Oct 2021 12:54

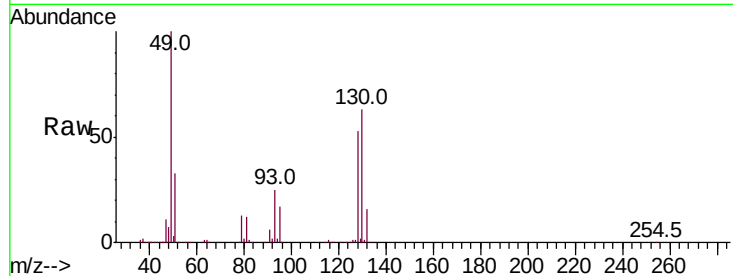
Tot Ion: 49 Resp: 1430460

Ion Ratio Lower Upper

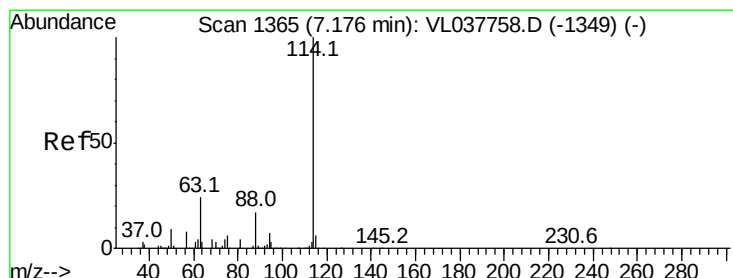
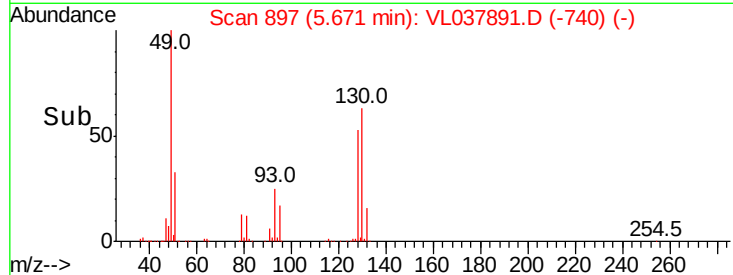
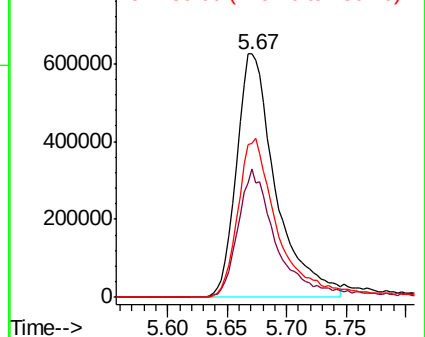
49 100

128 53.8 27.1 81.3

130 68.3 33.2 99.6



Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1366

Delta R.T. 0.00 min

Lab File: VL037891.D

Acq: 25 Oct 2021 12:54

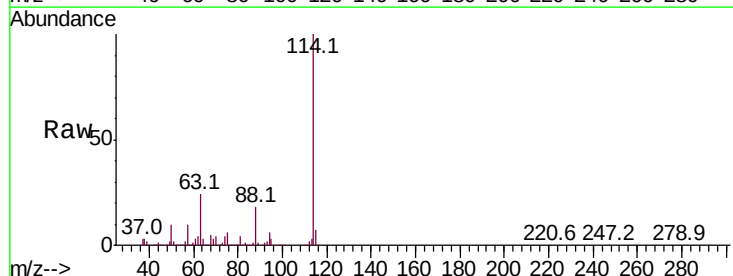
Tgt Ion:114 Resp: 4247231

Ion Ratio Lower Upper

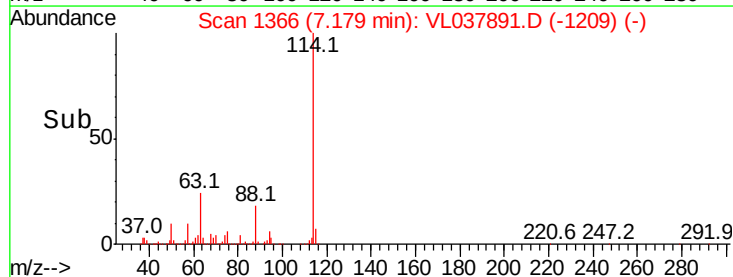
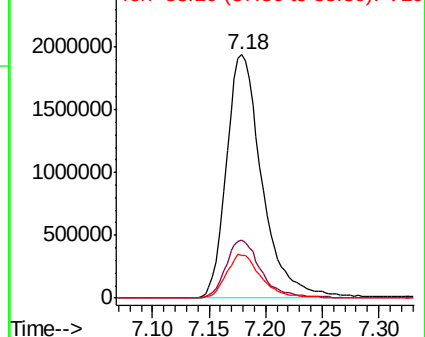
114 100

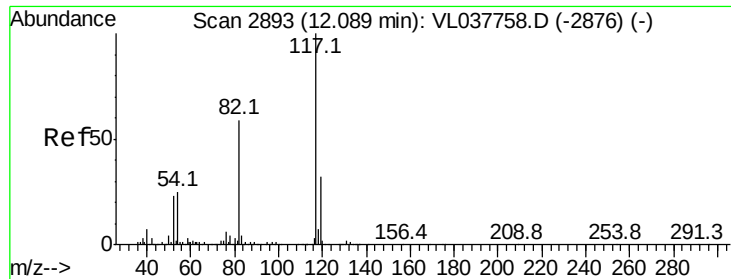
63 23.8 19.4 29.2

88 17.9 14.4 21.6



Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0

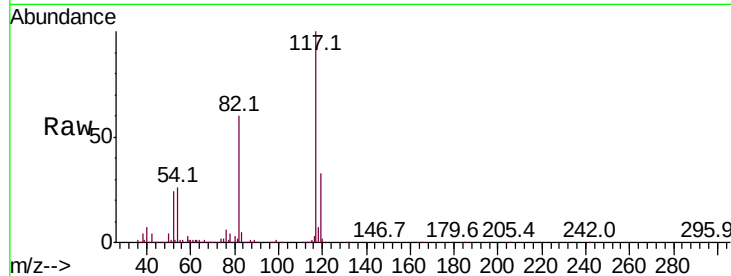




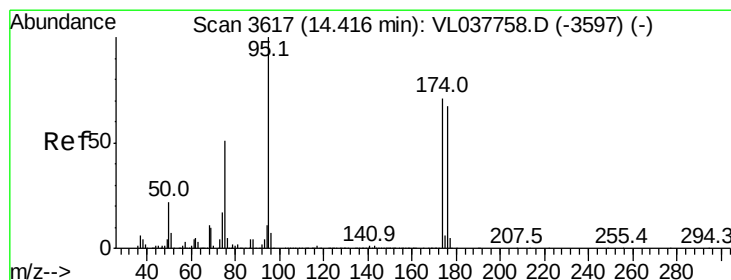
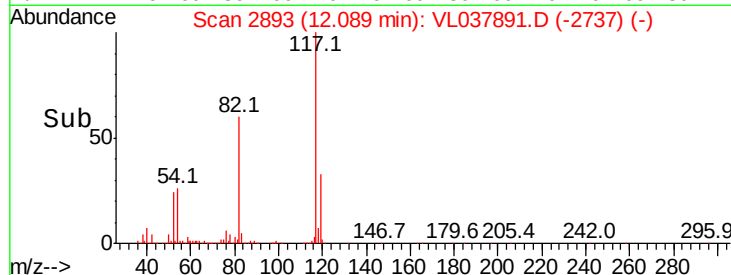
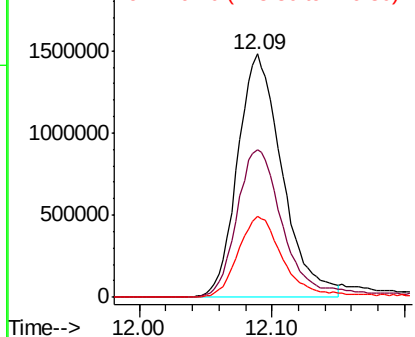
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 25 Oct 2021 12:54

Tot Ion: 117 Resp: 3458764

Ion	Ratio	Lower	Upper
117	100		
82	67.3	52.2	78.2
119	35.0	26.0	39.0



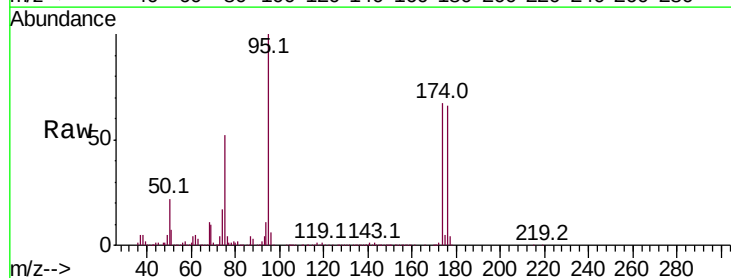
Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.971 ppbv
RT: 14.42 min Scan# 3617
Delta R.T.: 0.00 min
Lab File: VL037891.D
Acq: 25 Oct 2021 12:54

Tgt Ion: 95 Resp: 2411732

Ion	Ratio	Lower	Upper
95	100		
174	76.9	57.8	86.6
175	6.0	4.7	7.1



Abundance Ion 95.10 (94.80 to 95.80): V
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

