

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102021\
Data File : VL037885.D
Acq On : 20 Oct 2021 13:23
Operator : SY/AP
Sample : QC102021 CAN 10605
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC102021 CAN 10605

Quant Time: Oct 25 11:46:18 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	5.66	49	1074158	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3167389	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2658298	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1867736	10.05	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.50%

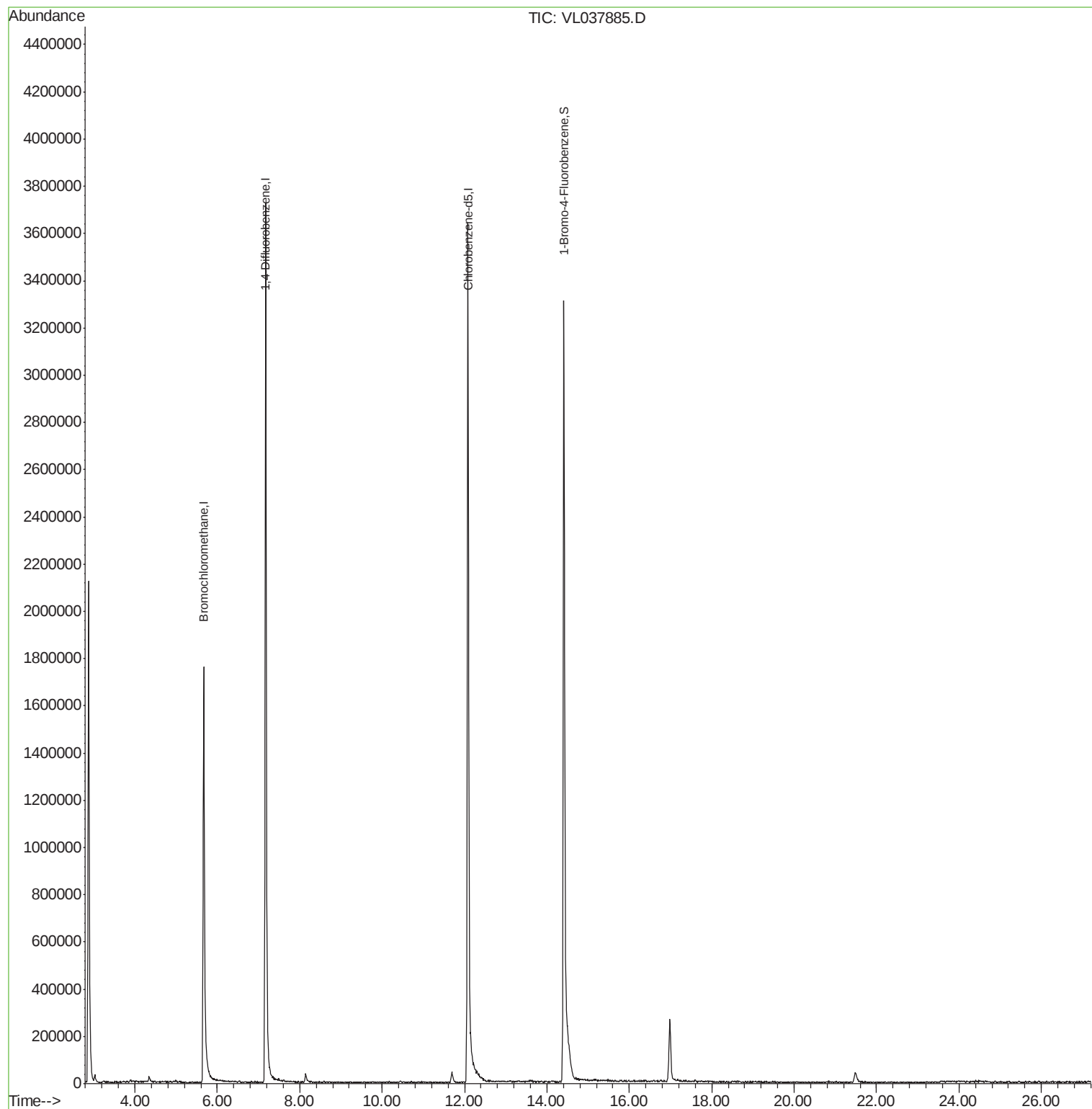
Target Compounds	Ovalue
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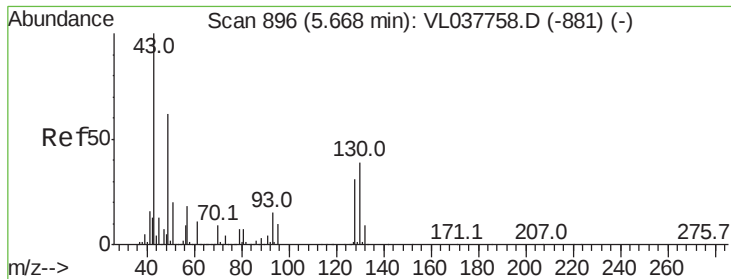
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 20 Oct 2021 13:23

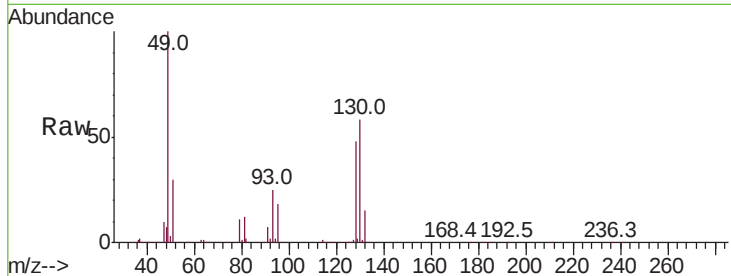
Tot Ion: 49 Resp: 1074158

Ion Ratio Lower Upper

49 100

128 56.6 27.1 81.3

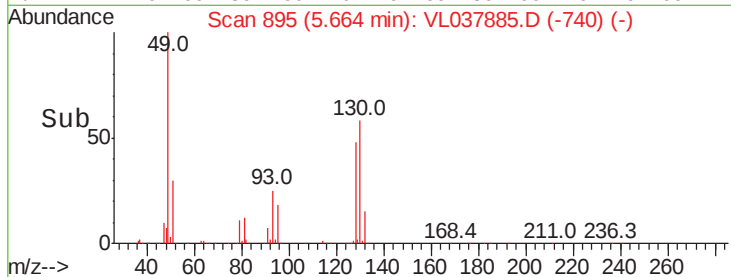
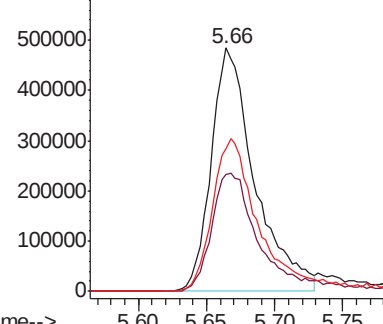
130 70.6 33.2 99.6



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. -0.00 min

Lab File: VL037885.D

Acq: 20 Oct 2021 13:23

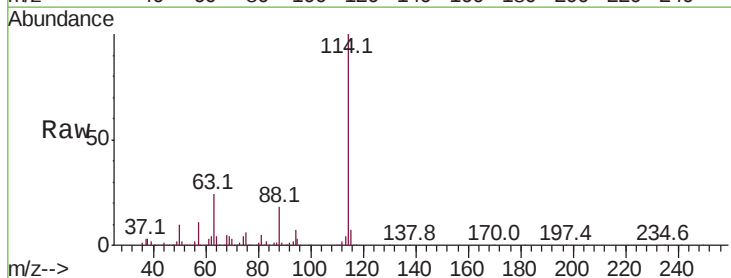
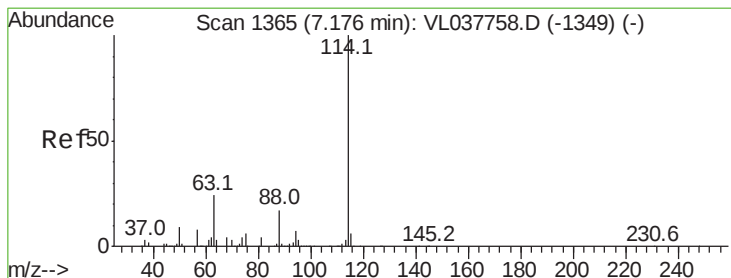
Tgt Ion:114 Resp: 3167389

Ion Ratio Lower Upper

114 100

63 24.3 19.4 29.2

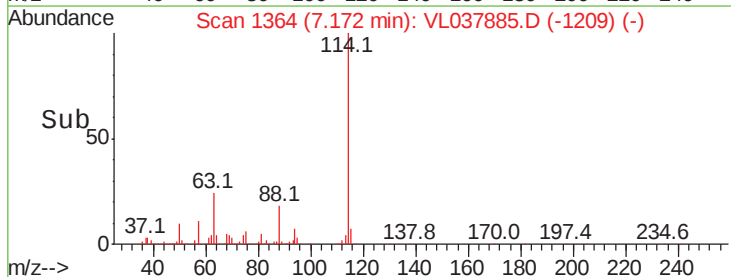
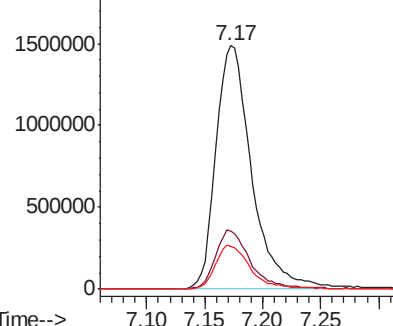
88 17.8 14.4 21.6

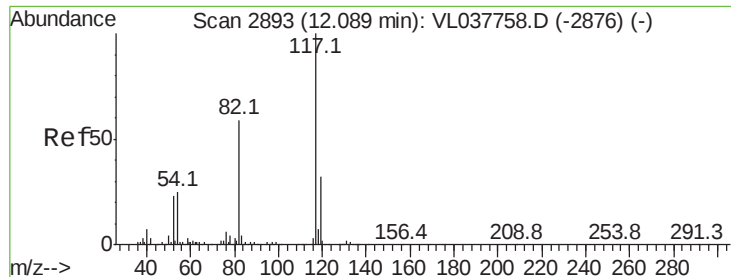


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

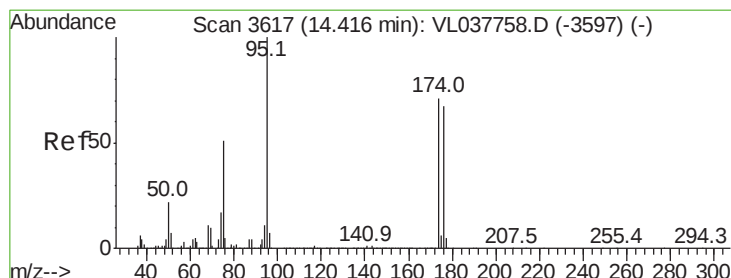
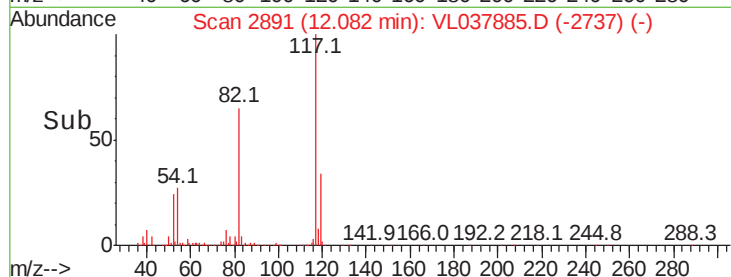
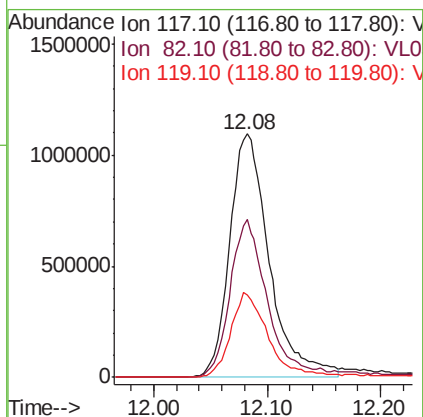
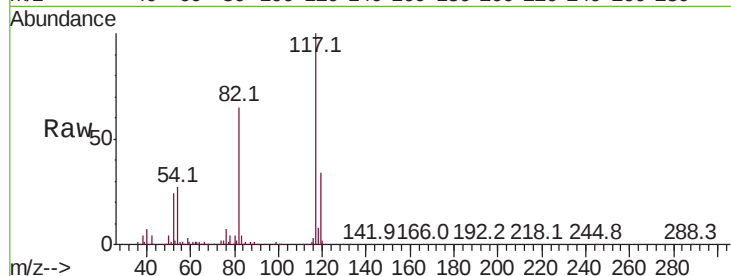




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 20 Oct 2021 13:23

Tot Ion: 117 Resp: 2658298

Ion	Ratio	Lower	Upper
117	100		
82	65.0	52.2	78.2
119	35.3	26.0	39.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.047 ppbv
RT: 14.41 min Scan# 3615
Delta R.T.: -0.01 min
Lab File: VL037885.D
Acq: 20 Oct 2021 13:23

Tgt Ion: 95 Resp: 1867736

Ion	Ratio	Lower	Upper
95	100		
174	76.5	57.8	86.6
175	5.6	4.7	7.1

