

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092321\
Data File : VL037664.D
Acq On : 23 Sep 2021 16:01
Operator : SY/AP
Sample : CAN 10297
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10297

Quant Time: Sep 24 09:51:55 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1417089	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	4304007	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.10	117	3657429	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2658226	10.06	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.60%

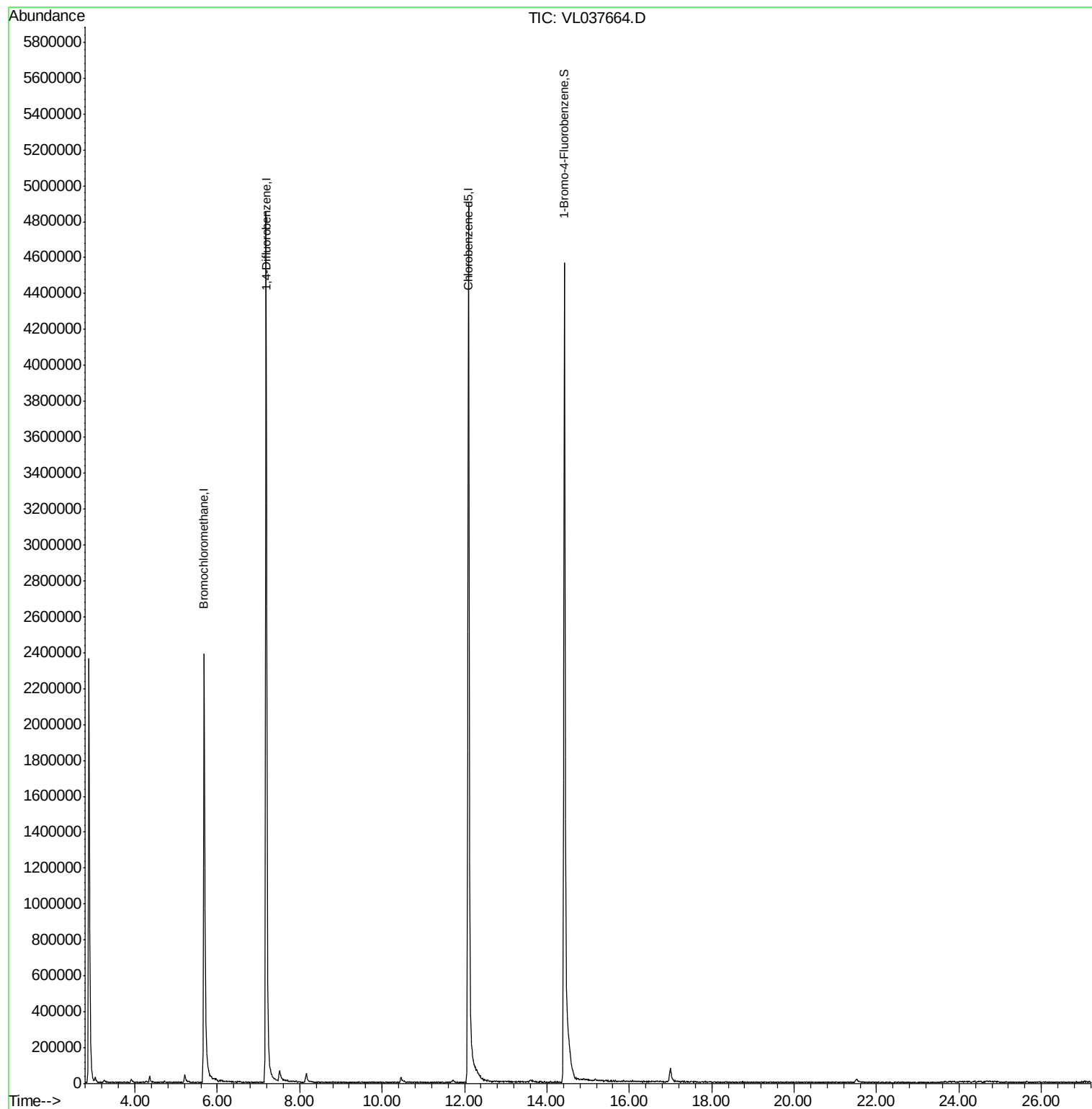
Target Compounds	Qvalue
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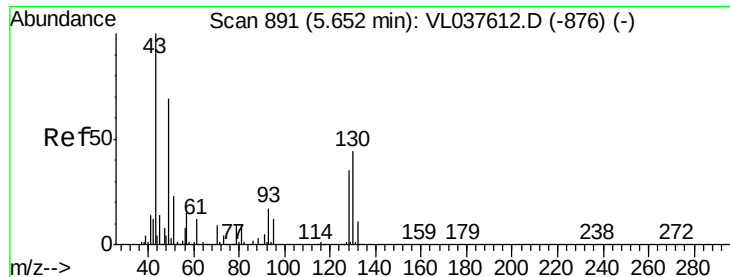
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. 0.03 min

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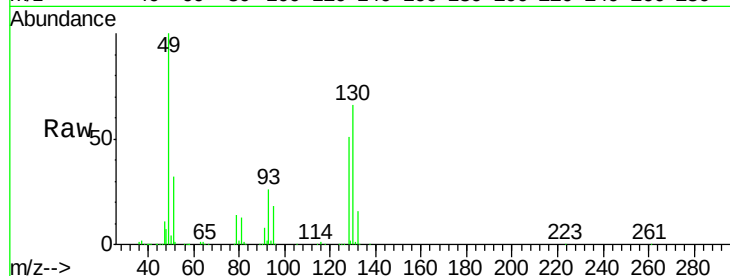
Tgt Ion: 49 Resp: 1417089

Ion Ratio Lower Upper

49 100

128 55.3 27.9 83.6

130 72.1 33.9 101.7



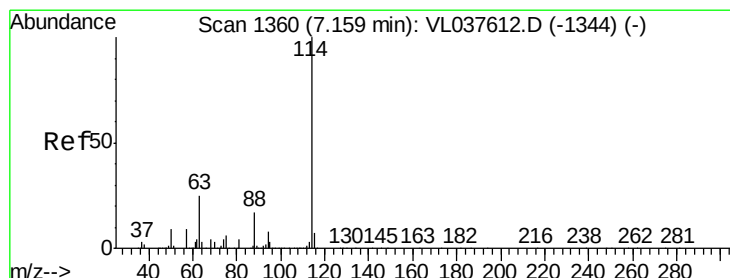
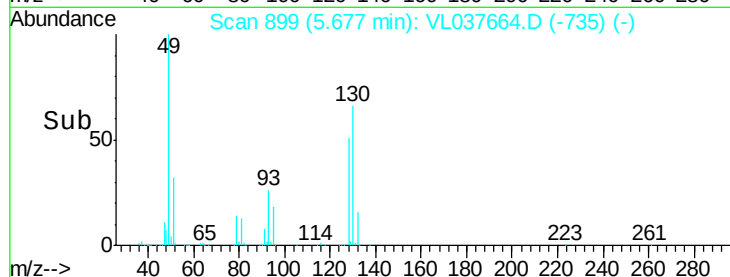
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.68

Time-->



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1368

Delta R.T. 0.03 min

Lab File: VL037664.D

Acq: 23 Sep 2021 16:01

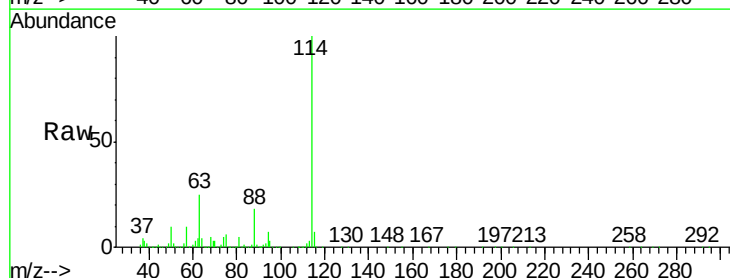
Tgt Ion: 114 Resp: 4304007

Ion Ratio Lower Upper

114 100

63 24.2 19.6 29.4

88 18.1 14.2 21.4



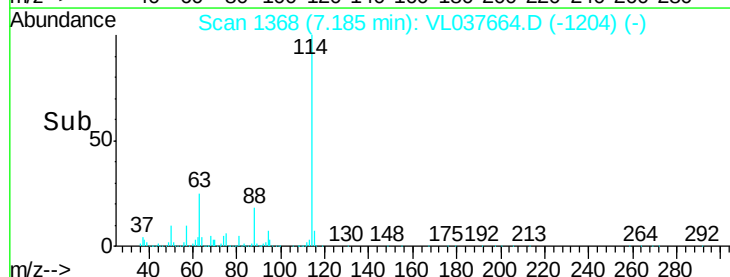
Abundance Ion 114.10 (113.80 to 114.80): VL0

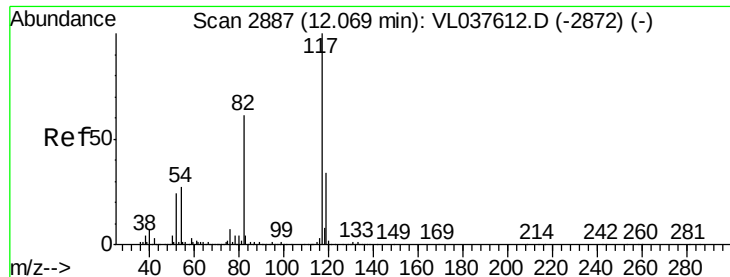
Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

7.19

Time-->

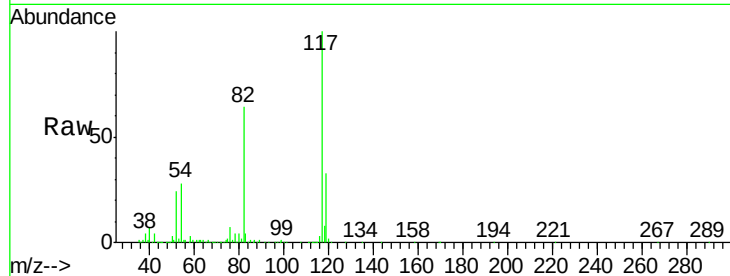




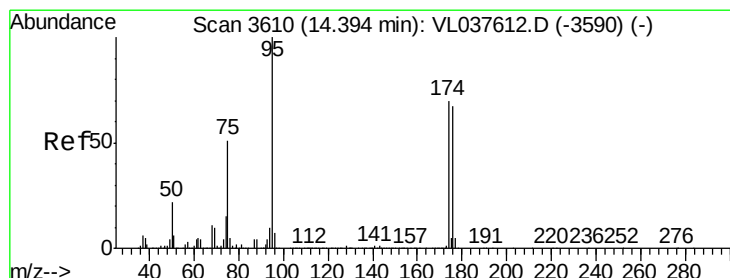
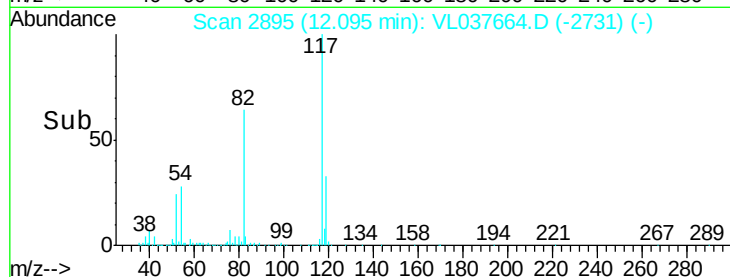
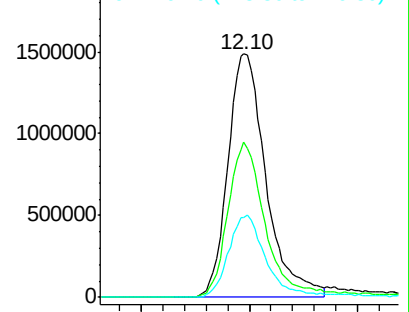
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2895
Delta R.T. 0.03 min
Lab File: VL037664.D
Acq: 23 Sep 2021 16:01

Instrument :
MSVOA_L
ClientSampleId :
CAN 10297

Tgt Ion: 117 Resp: 3657429
Ion Ratio Lower Upper
117 100
82 66.1 50.6 75.8
119 34.0 26.2 39.2

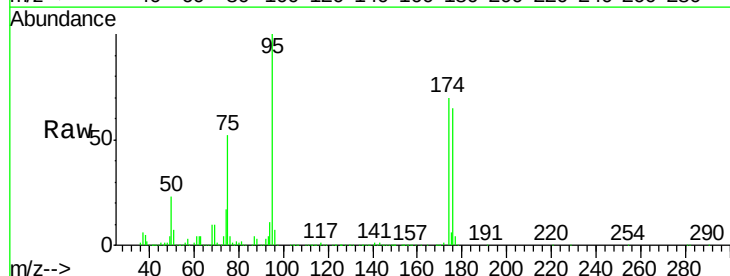


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.057 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. 0.03 min
Lab File: VL037664.D
Acq: 23 Sep 2021 16:01

Tgt Ion: 95 Resp: 2658226
Ion Ratio Lower Upper
95 100
174 74.9 56.3 84.5
175 5.0 4.4 6.6



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

