

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120320\
Data File : VL036058.D
Acq On : 3 Dec 2020 19:50
Operator : SY/AP
Sample : OC113020 CAN 10597
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC113020 CAN 10597

Quant Time: Dec 04 11:49:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120320AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Dec 04 03:52:25 2020
QLast Update : Fri Dec 04 03:52:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1013375	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3531825	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3320129	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2464549	9.76	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.60%

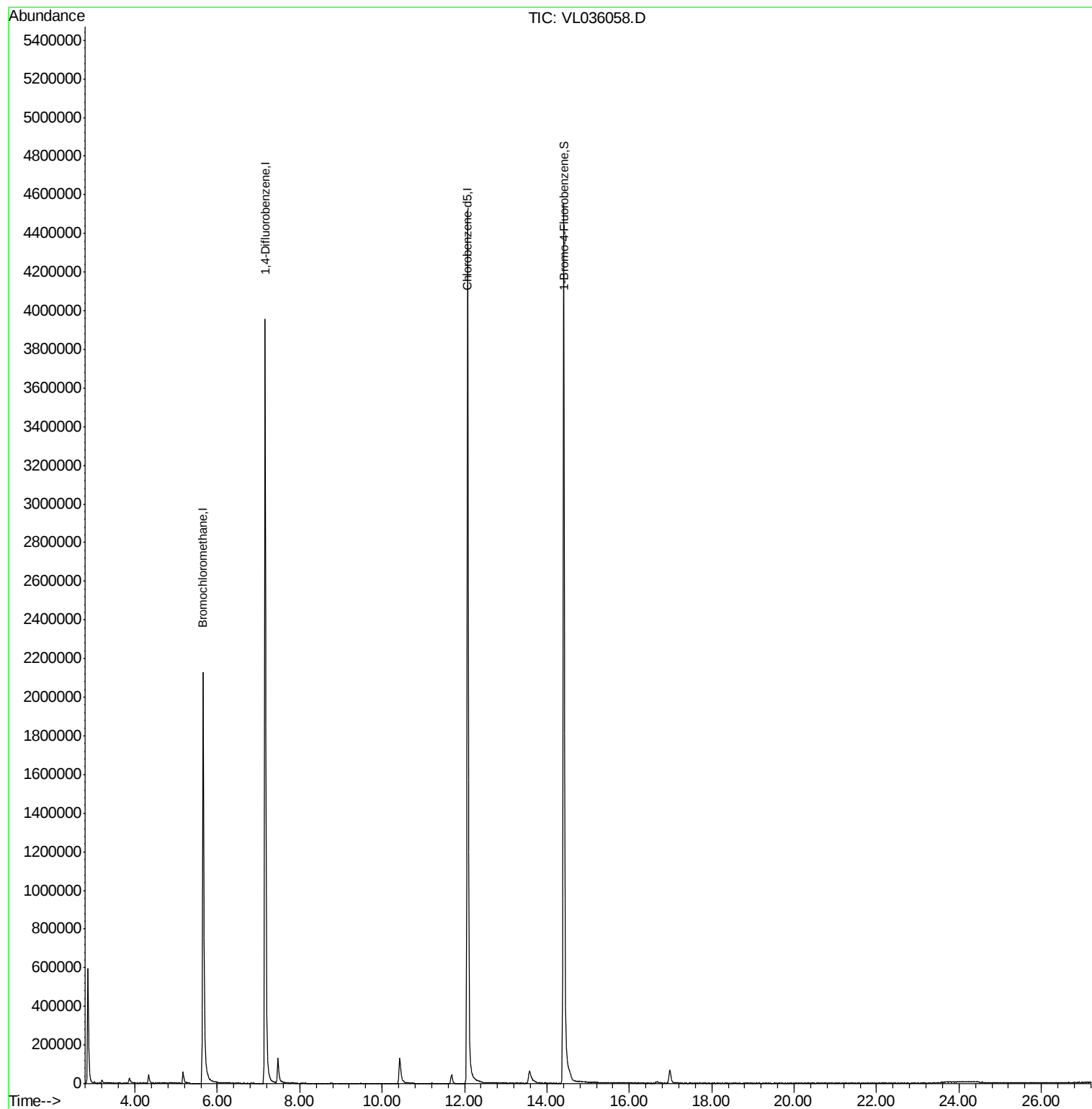
Target Compounds	Ovalue
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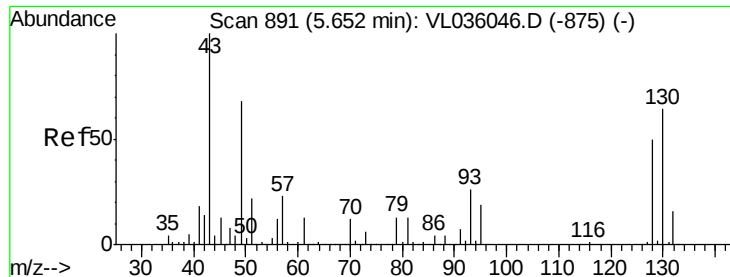
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. 0.00 min

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MSVOA_L

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QC113020 CAN 10597

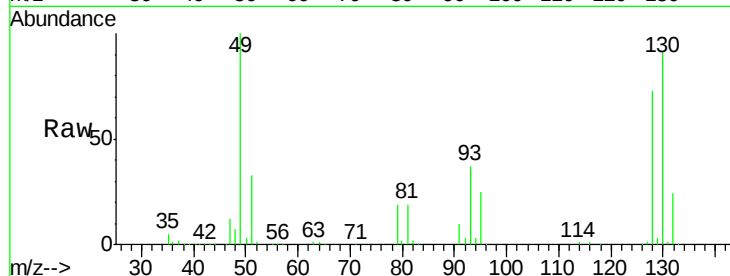
Tot Ion: 49 Resp: 1013375

Ion Ratio Lower Upper

49 100

128 75.9 38.3 114.8

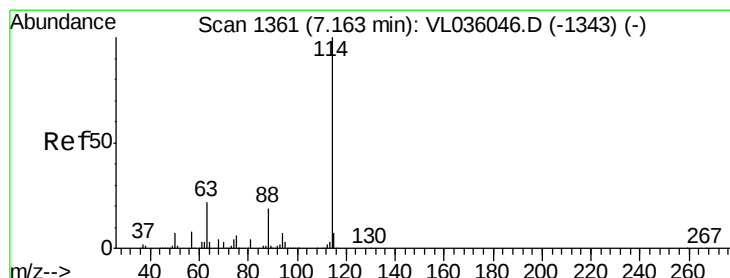
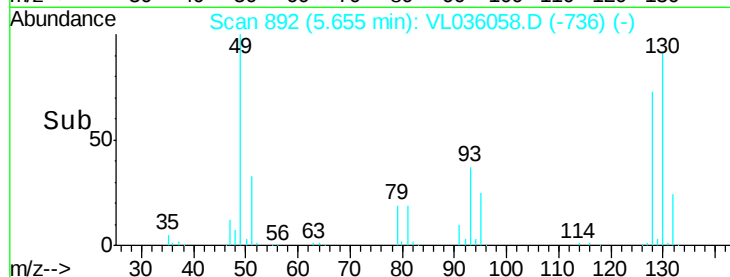
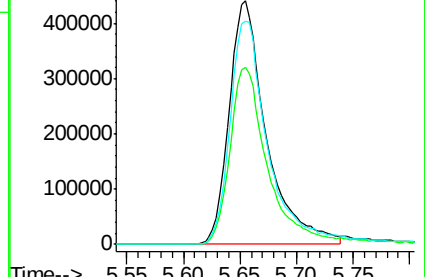
130 96.7 49.1 147.4



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. -0.00 min

Lab File: VL036058.D

Acq: 3 Dec 2020 19:50

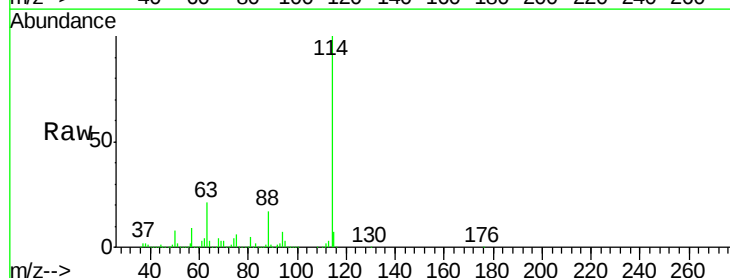
Tgt Ion: 114 Resp: 3531825

Ion Ratio Lower Upper

114 100

63 21.3 17.2 25.8

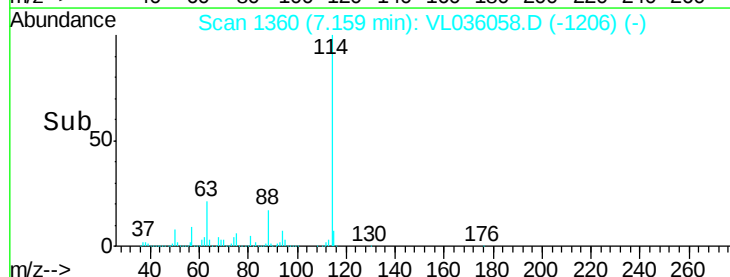
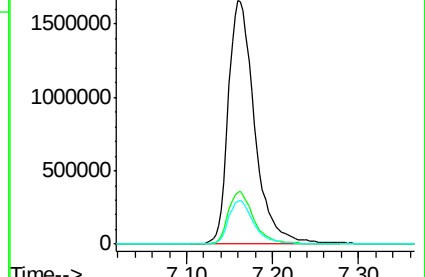
88 17.4 14.0 21.0

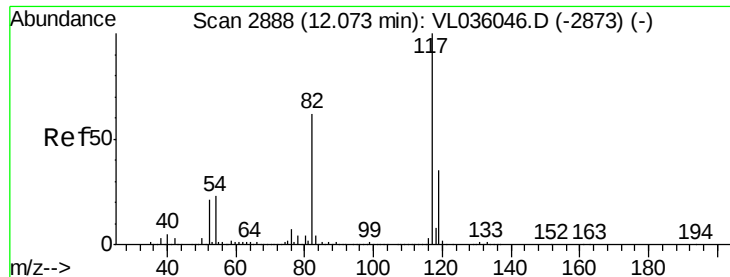


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

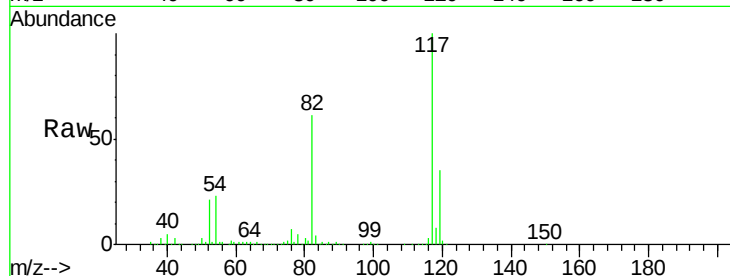




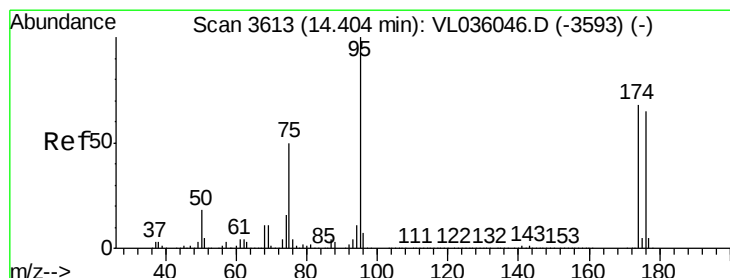
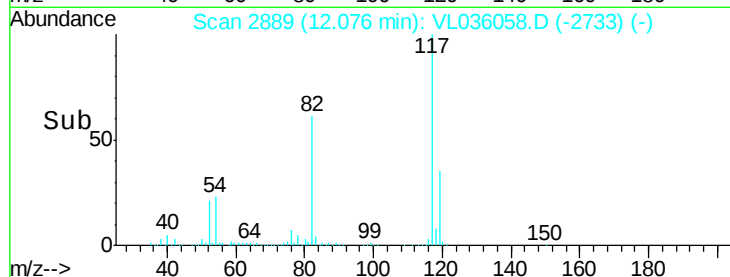
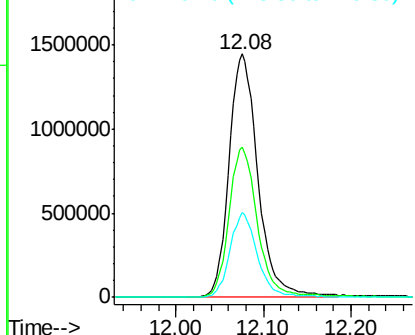
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. 0.00 min
Lab File: VL036058.D
Acq: 3 Dec 2020 19:50

Instrument :
MSVOA_L
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Tot Ion:117 Resp: 3320129
Ion Ratio Lower Upper
117 100
82 62.3 49.9 74.9
119 33.8 28.7 43.1

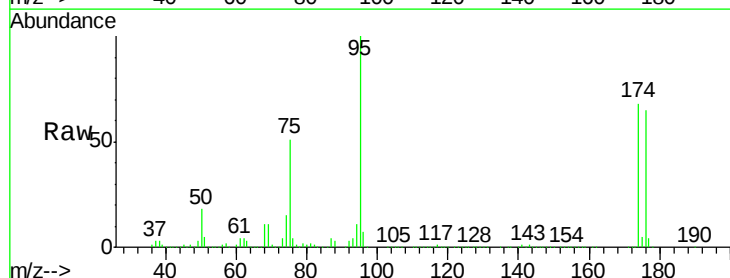


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.755 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. 0.00 min
Lab File: VL036058.D
Acq: 3 Dec 2020 19:50

Tgt Ion: 95 Resp: 2464549
Ion Ratio Lower Upper
95 100
174 70.6 54.2 81.2
175 4.8 3.8 5.8



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

