

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061521\
Data File : VL037155.D
Acq On : 15 Jun 2021 10:58
Operator : SY/AP
Sample : VL0615ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABL01

Quant Time: Jun 16 01:57:18 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jun 14 16:49:11 2021
QLast Update : Mon Jun 14 16:49:11 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1602040	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4741824	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4068619	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3092843	10.32	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.20%

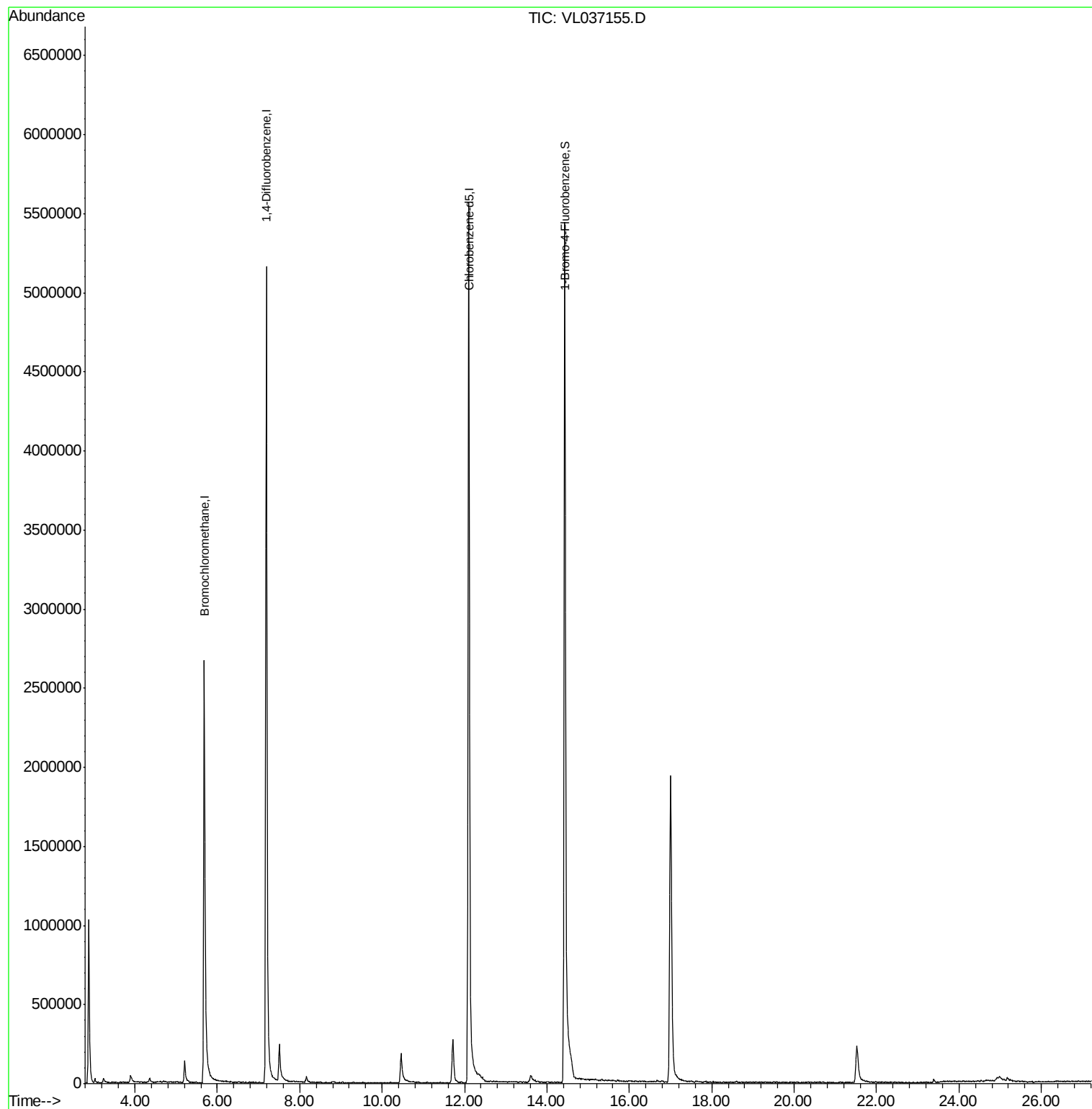
Target Compounds	Ovalue
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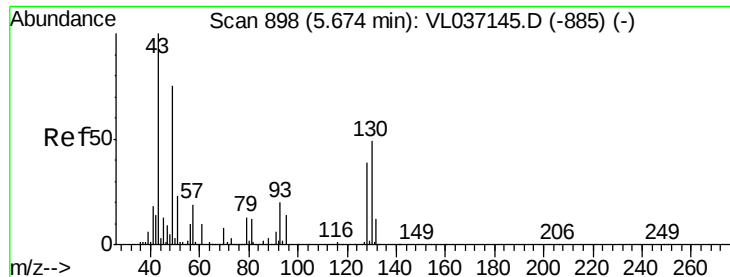
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL061521\
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. 0.00 min

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Instrument :

MSVOA_L

ClientSampleId :

VL0615ABL01

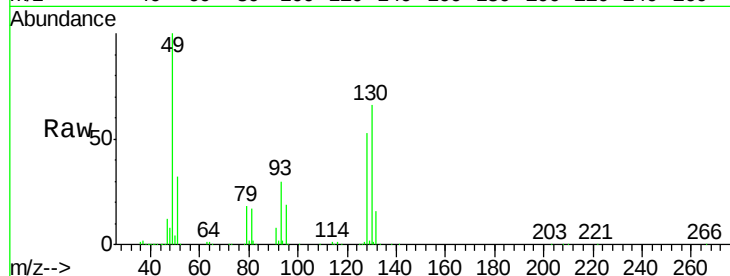
Tot Ion: 49 Resp: 1602040

Ion Ratio Lower Upper

49 100

128 58.2 28.8 86.5

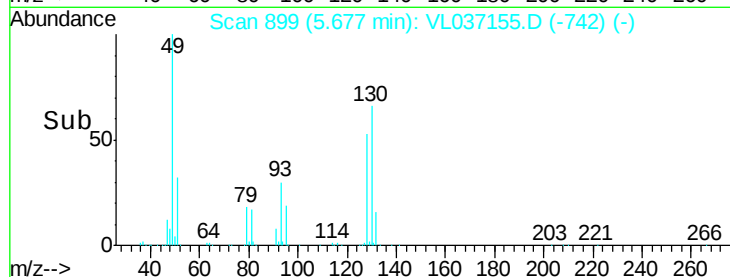
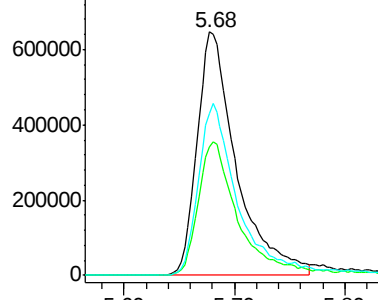
130 73.2 36.0 108.0



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: 7.19 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VL037155.D

Acq: 15 Jun 2021 10:58

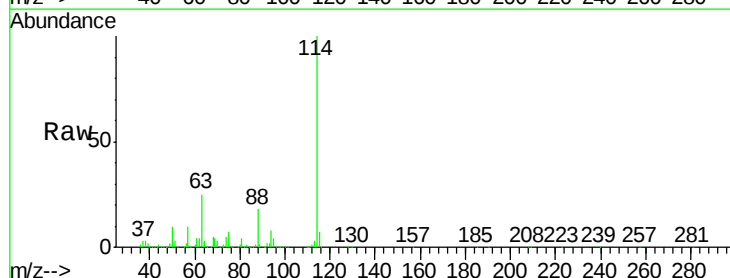
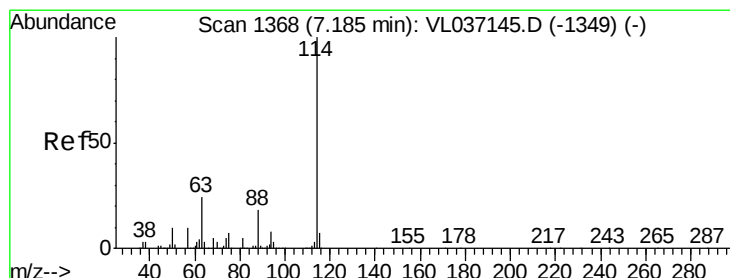
Tgt Ion: 114 Resp: 4741824

Ion Ratio Lower Upper

114 100

63 24.4 19.8 29.6

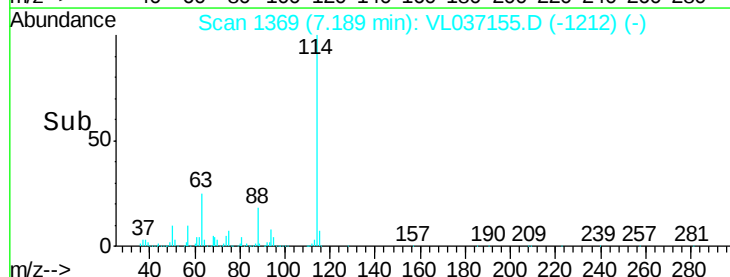
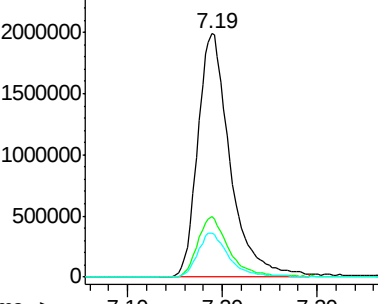
88 17.7 14.3 21.5

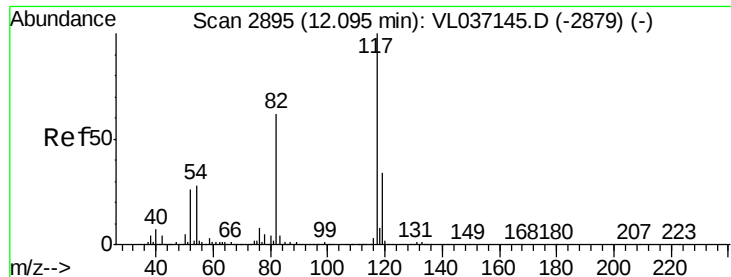


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

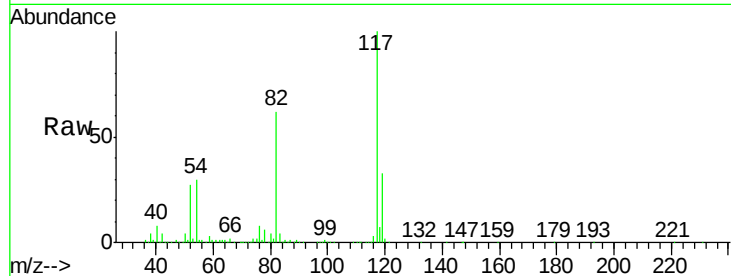




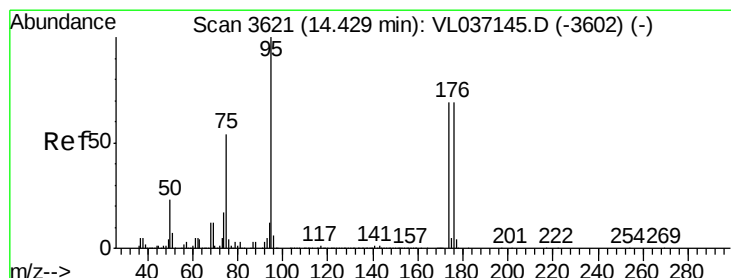
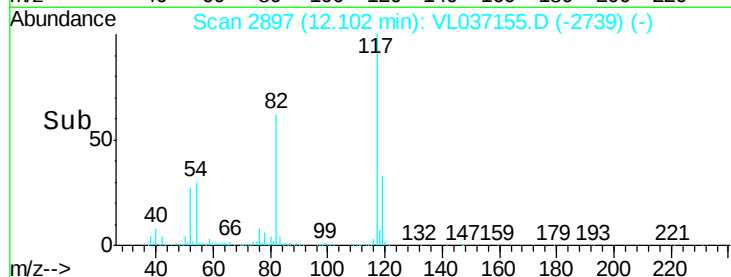
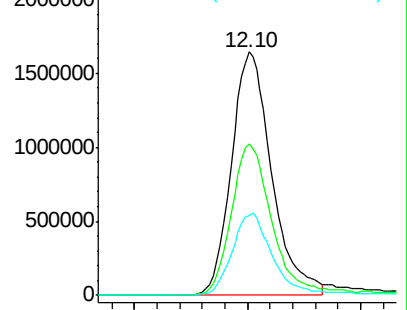
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. 0.01 min
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Instrument :
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Tot Ion:117 Resp: 4068619
Ion Ratio Lower Upper
117 100
82 66.0 50.6 76.0
119 35.2 27.1 40.7

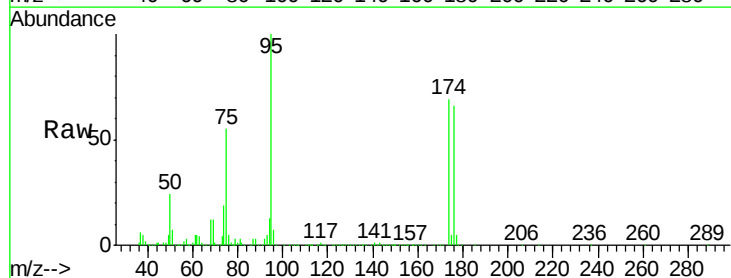


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.321 ppbv
RT: 14.43 min Scan# 3622
Delta R.T. 0.00 min
Lab File: VL037155.D
Acq: 15 Jun 2021 10:58

Tgt Ion: 95 Resp: 3092843
Ion Ratio Lower Upper
95 100
174 73.8 57.6 86.4
175 5.5 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

