

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102521\
Data File : VL037890.D
Acq On : 25 Oct 2021 12:14
Operator : SY/AP
Sample : VL1025ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1025ABL01

Quant Time: Oct 26 00:00:50 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	1513071	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4323994	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3669934	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2516422	9.81	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.10%

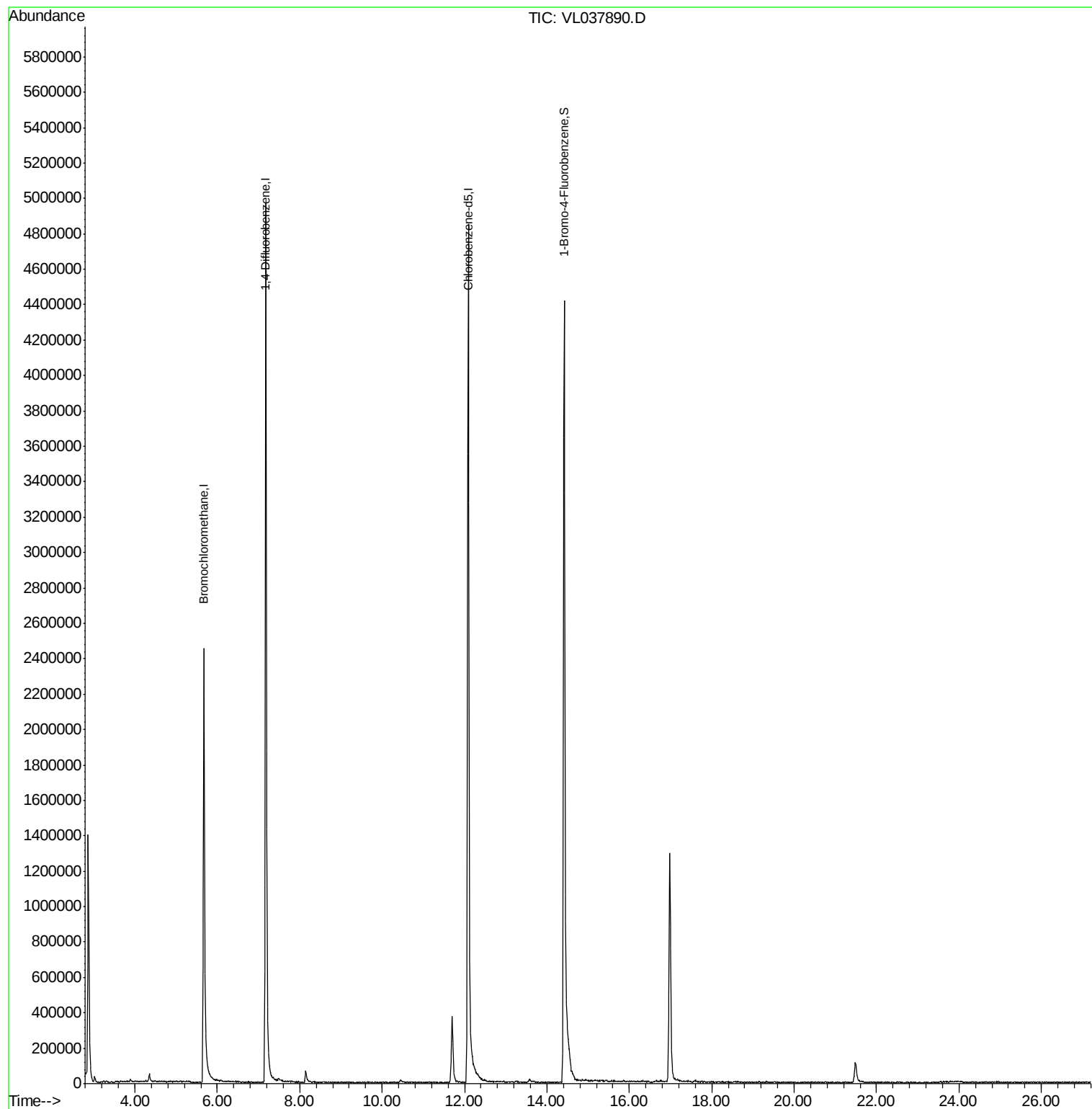
Target Compounds	Ovalue
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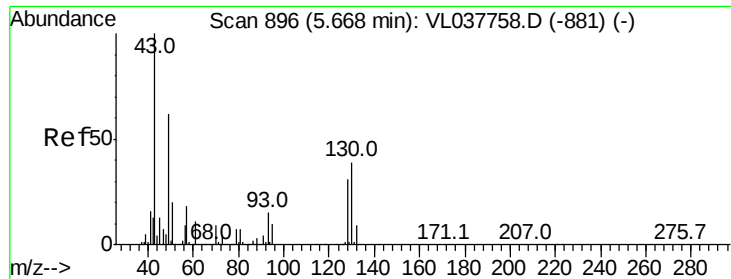
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VL1025ABL01

Acq: 25 Oct 2021 12:14

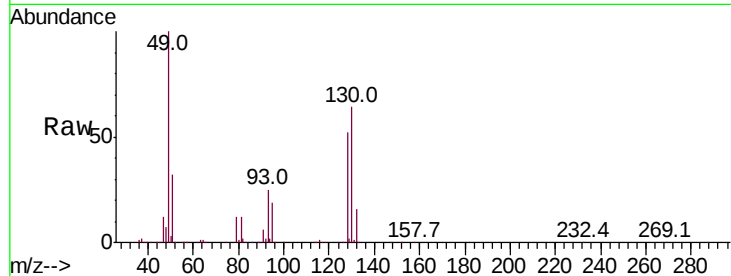
Tot Ion: 49 Resp: 1513071

Ion Ratio Lower Upper

49 100

128 54.0 27.1 81.3

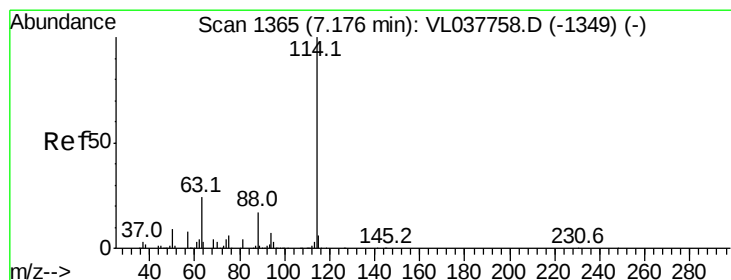
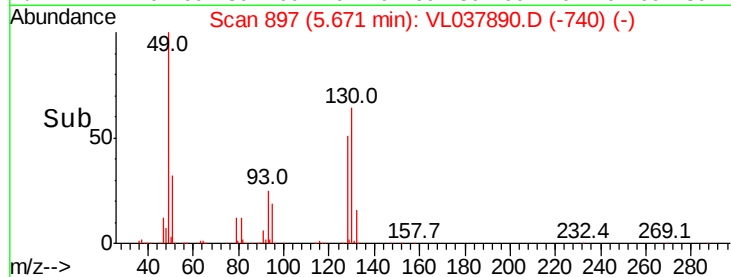
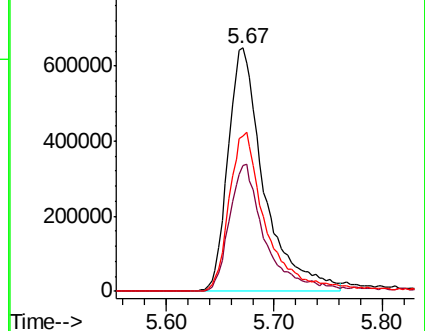
130 68.9 33.2 99.6



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: 7.18 min Scan# 1366

Delta R.T. 0.00 min

Lab File: VL037890.D

Acq: 25 Oct 2021 12:14

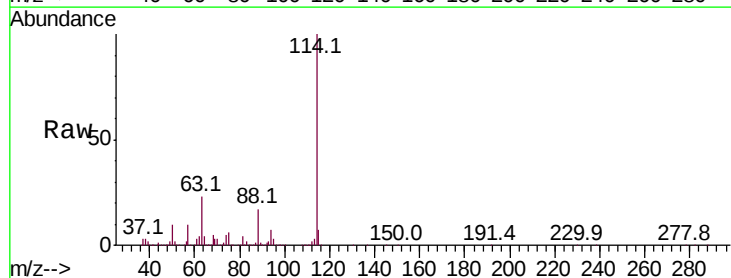
Tgt Ion:114 Resp: 4323994

Ion Ratio Lower Upper

114 100

63 24.4 19.4 29.2

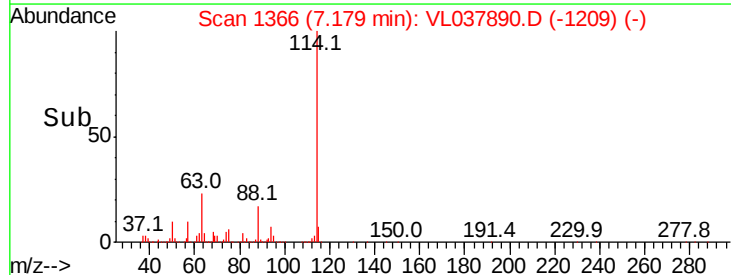
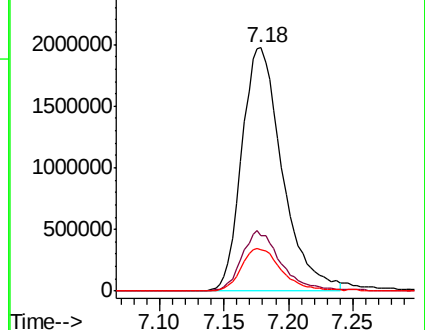
88 18.0 14.4 21.6

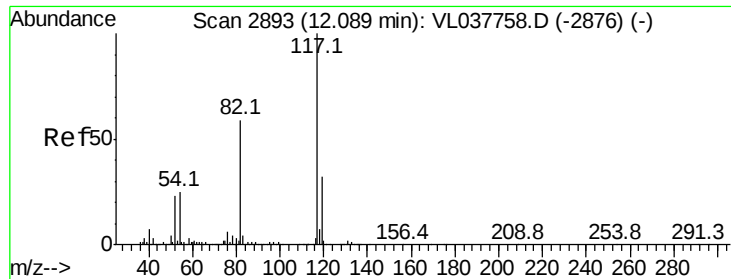


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

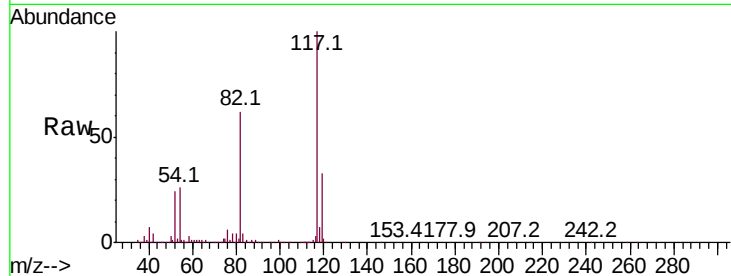
Ion 88.10 (87.80 to 88.80): VL0



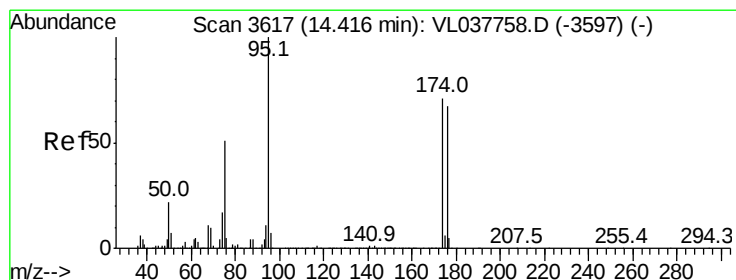
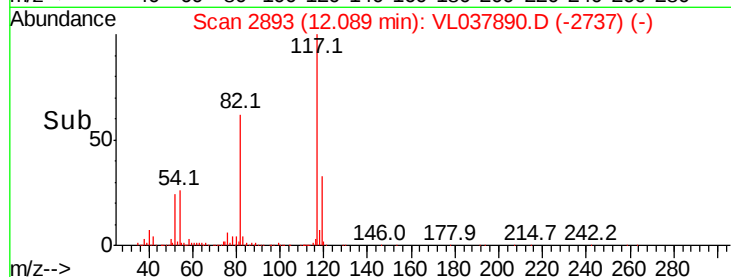
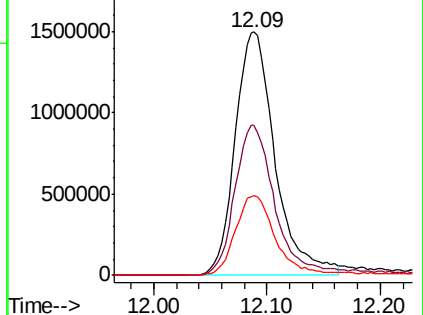


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1025ABL01
Acq: 25 Oct 2021 12:14

Tot Ion: 117 Resp: 3669934
Ion Ratio Lower Upper
117 100
82 66.0 52.2 78.2
119 34.1 26.0 39.0

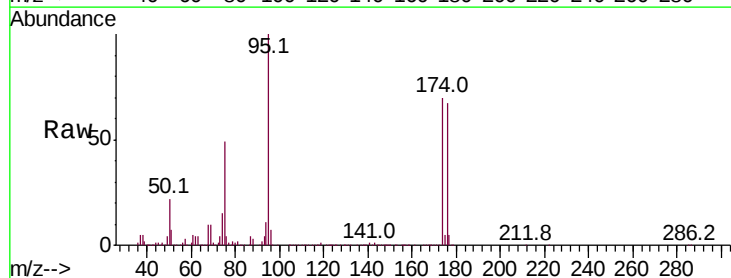


Abundance Ion 117.10 (116.80 to 117.80): V
2000000 Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.805 ppbv
RT: 14.42 min Scan# 3617
Delta R.T.: 0.00 min
Lab File: VL037890.D
Acq: 25 Oct 2021 12:14

Tgt Ion: 95 Resp: 2516422
Ion Ratio Lower Upper
95 100
174 76.0 57.8 86.6
175 5.2 4.7 7.1



Abundance Ion 95.10 (94.80 to 95.80): VL0
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

