

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111621\
Data File : VL038031.D
Acq On : 16 Nov 2021 8:08
Operator : SY/AP
Sample : VL1116ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1116ABL01

Quant Time: Nov 17 06:43:47 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 16 09:59:16 2021
QLast Update : Tue Nov 16 09:59:16 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	676164	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2802171	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2489675	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1801805	10.02	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.20%

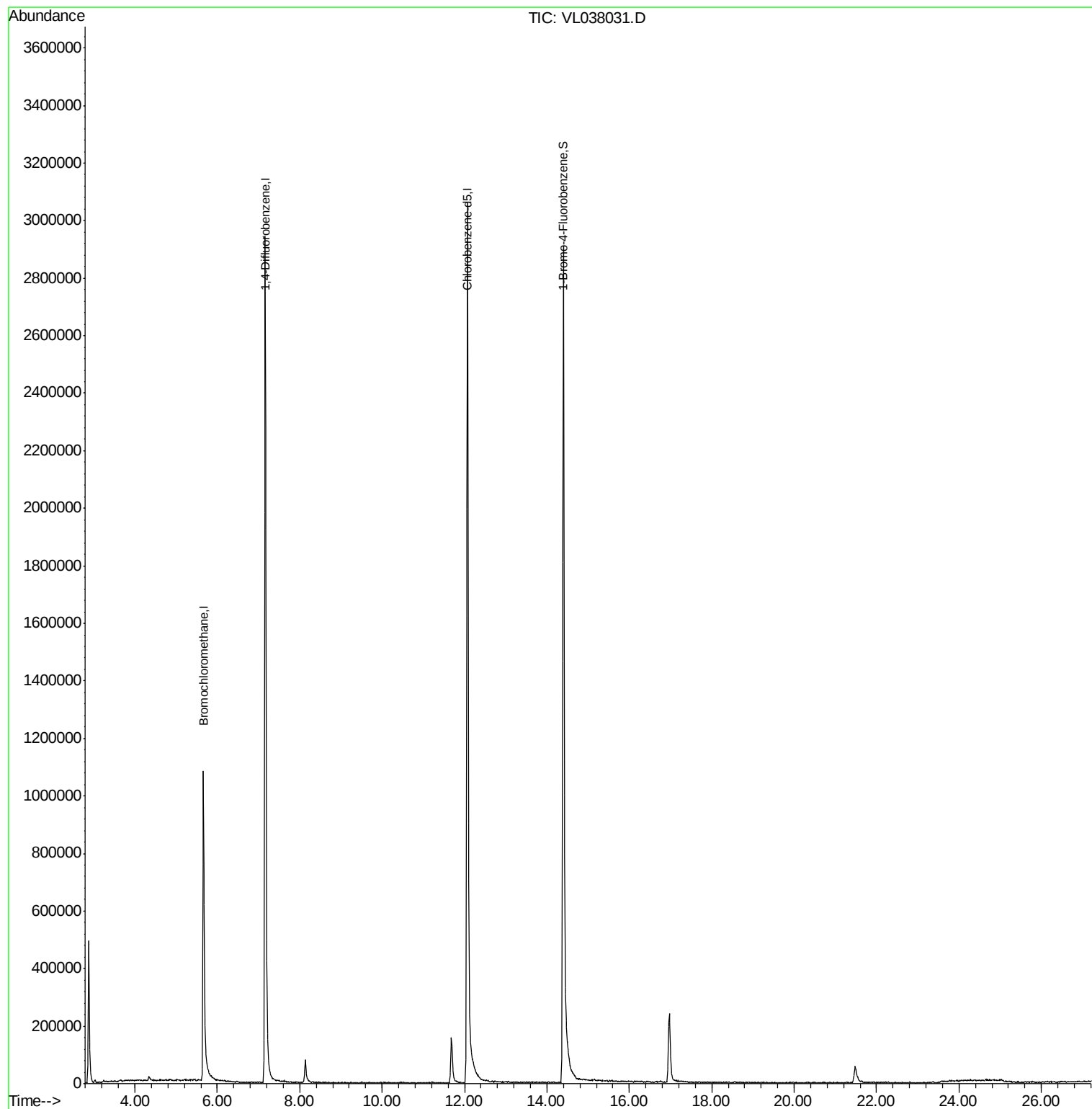
Target Compounds	Ovalue
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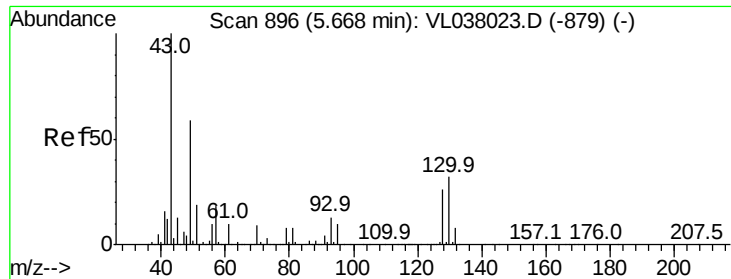
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111621\
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. -0.01

Lab File: VL1116ABL01

Acq: 16 Nov 2021 8:08

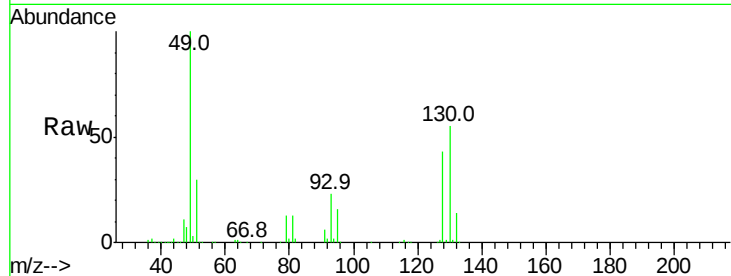
Tot Ion: 49 Resp: 676164

Ion Ratio Lower Upper

49 100

128 49.9 23.4 70.2

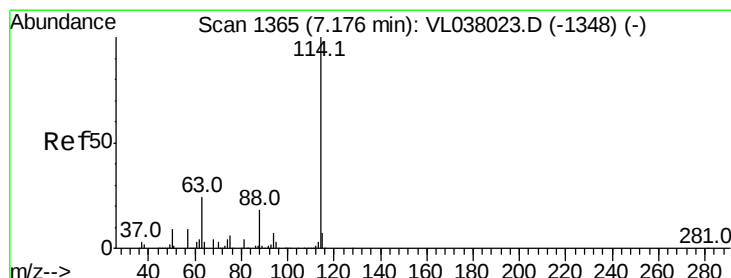
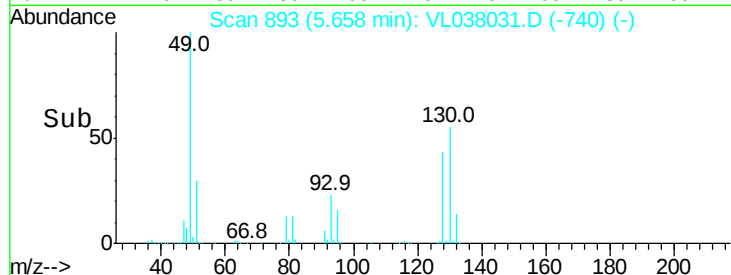
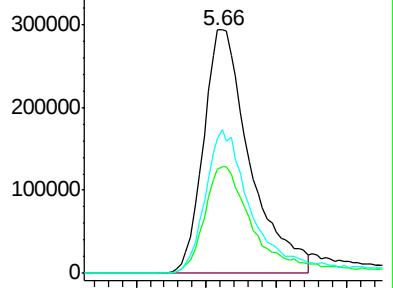
130 64.6 29.1 87.3



Abundance Ion 49.10 (48.80 to 49.80): VL038023.D (-879) (-)

Ion 128.00 (127.70 to 128.70): VL038023.D (-879) (-)

Ion 130.00 (129.70 to 130.70): VL038023.D (-879) (-)



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VL038031.D

Acq: 16 Nov 2021 8:08

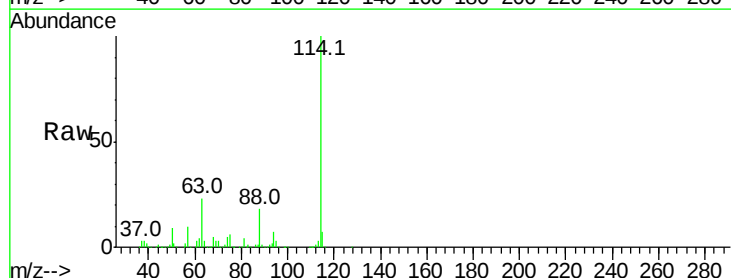
Tgt Ion: 114 Resp: 2802171

Ion Ratio Lower Upper

114 100

63 24.3 19.8 29.6

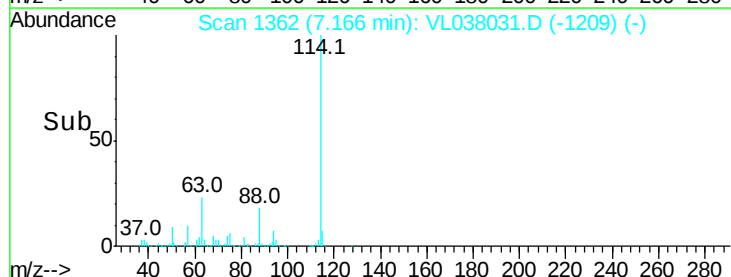
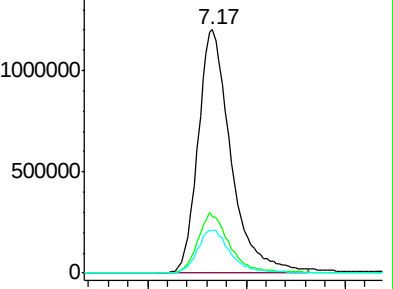
88 17.9 14.6 21.8

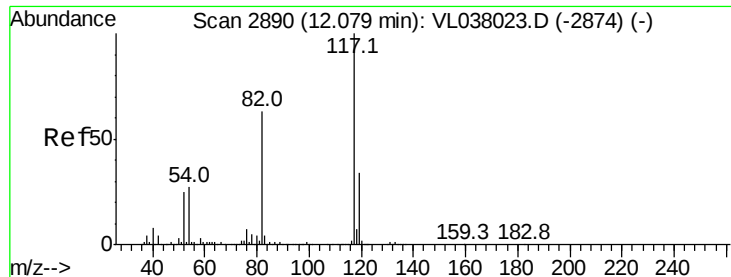


Abundance Ion 114.10 (113.80 to 114.80): VL038023.D (-1348) (-)

Ion 63.10 (62.80 to 63.80): VL038023.D (-1348) (-)

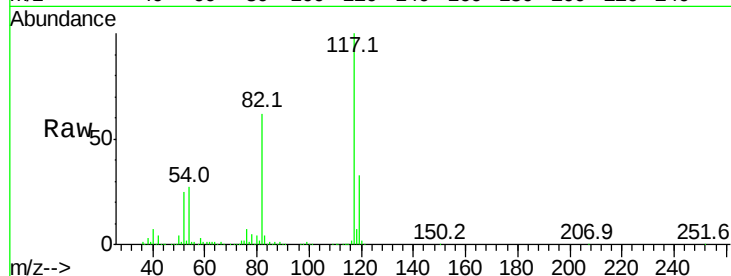
Ion 88.10 (87.80 to 88.80): VL038023.D (-1348) (-)



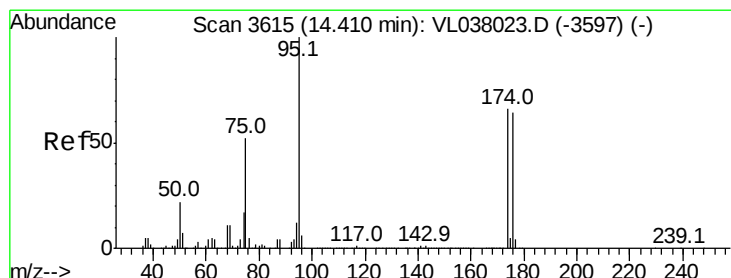
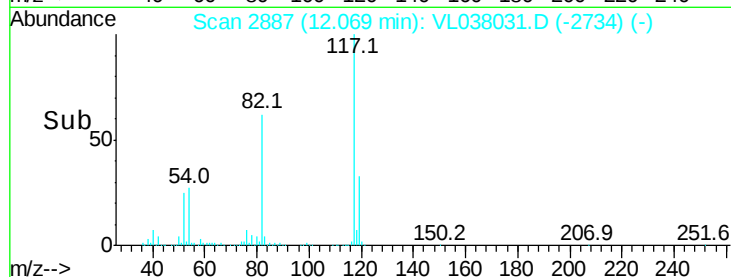
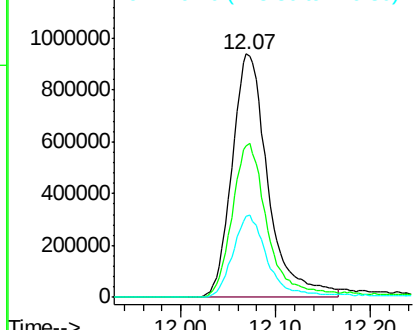


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1116ABL01
Acq: 16 Nov 2021 8:08

Tot Ion:117 Resp: 2489675
Ion Ratio Lower Upper
117 100
82 65.9 50.0 75.0
119 34.3 44.6 67.0#

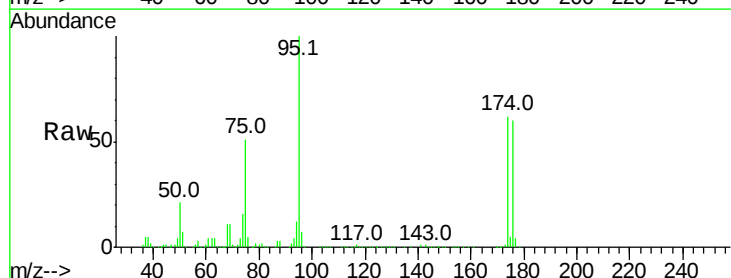


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.017 ppbv
RT: 14.40 min Scan# 3611
Delta R.T.: -0.01 min
Lab File: VL038031.D
Acq: 16 Nov 2021 8:08

Tgt Ion: 95 Resp: 1801805
Ion Ratio Lower Upper
95 100
174 69.3 55.0 82.6
175 5.0 4.2 6.2



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

