

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL040621\
Data File : VL036702.D
Acq On : 6 Apr 2021 16:35
Operator : SY/AP
Sample : VL0406ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0406ABL01

Quant Time: Apr 12 08:54:22 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) Bromochloromethane	5.67	49	1352229	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3253917	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2843268	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2247995	9.92	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.20%

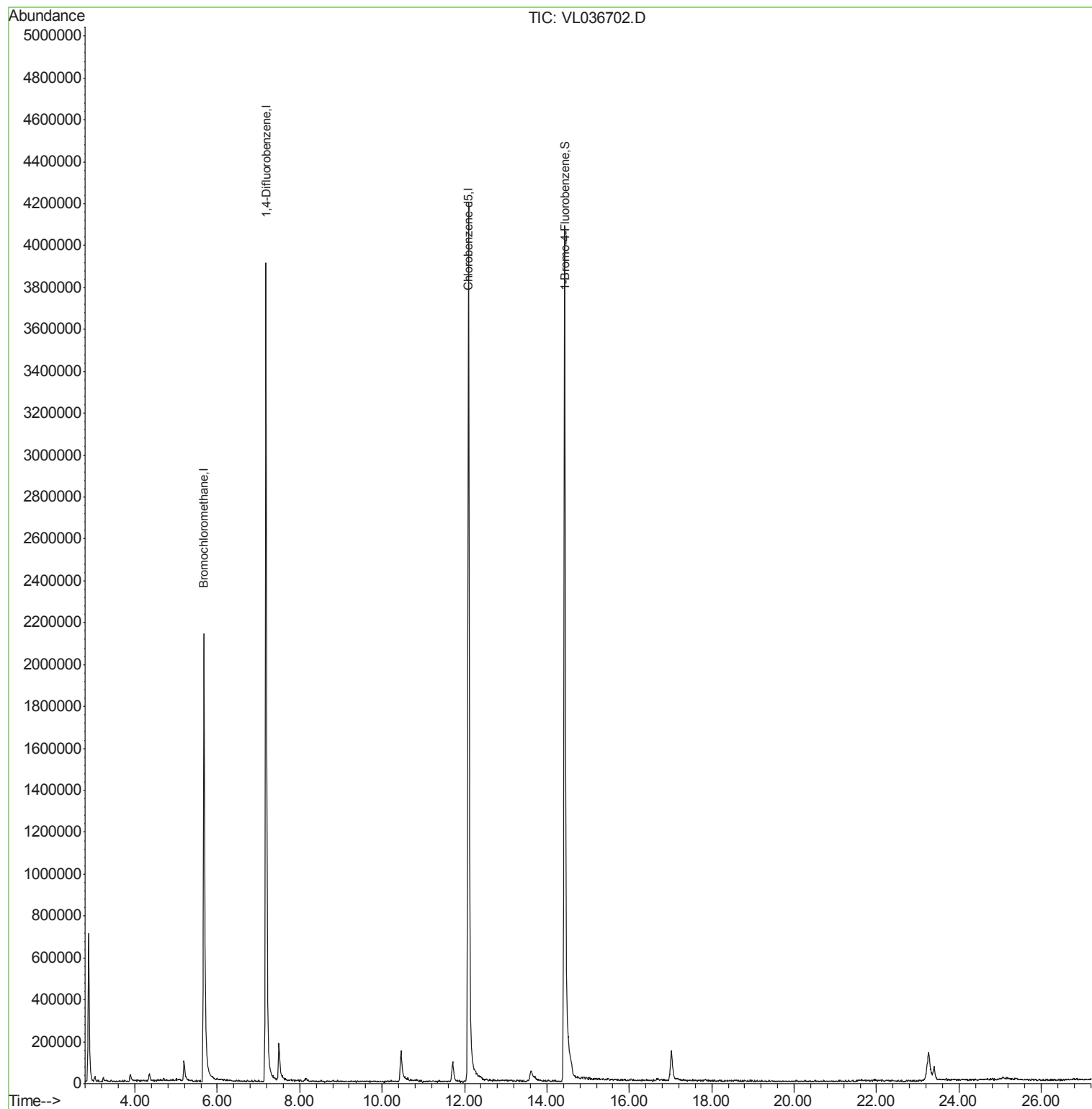
Target Compounds	Ovalue
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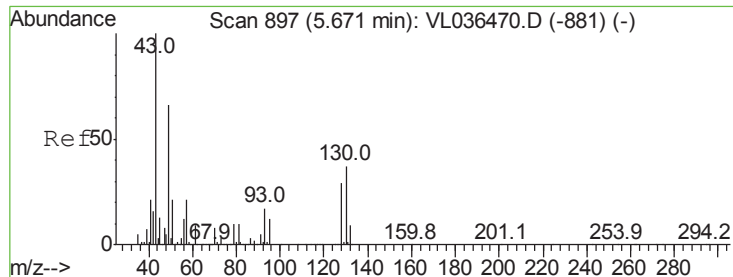
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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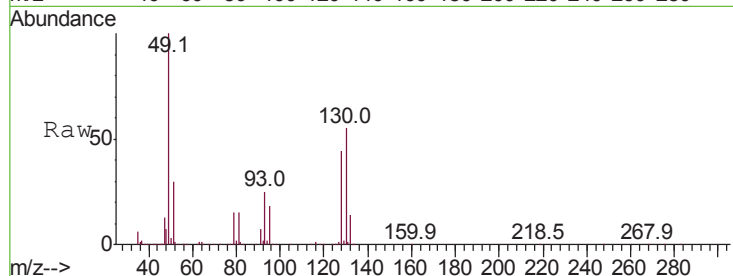


#1

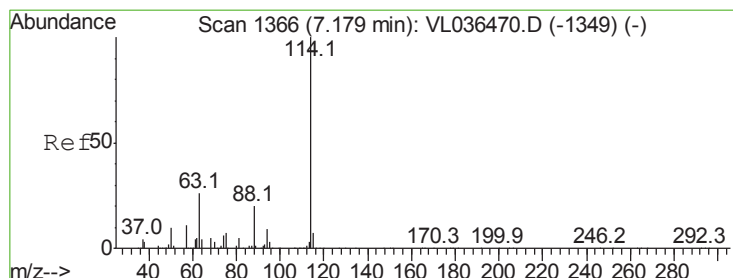
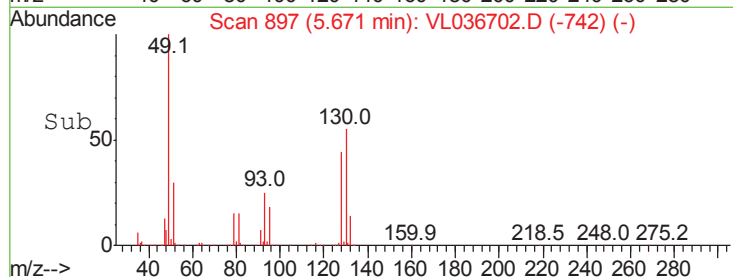
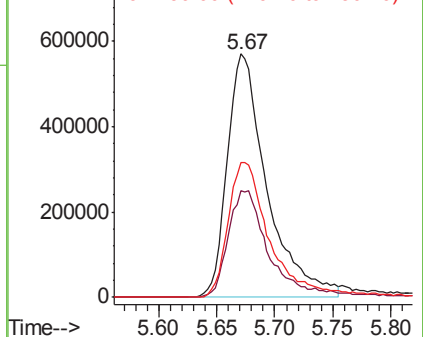
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: VL036702.D
 Acq: 6 Apr 2021 16:35

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0406ABL01

Tot Ion: 49 Resp: 1352229
 Ion Ratio Lower Upper
 49 100
 128 46.5 23.5 70.6
 130 60.2 29.1 87.4



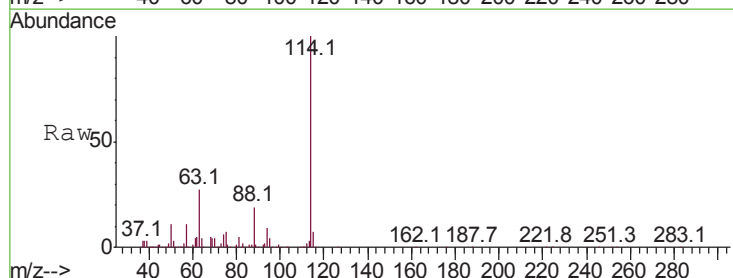
Abundance Ion 49.10 (48.80 to 49.80): VL0
 Ion 128.00 (127.70 to 128.70): V
 Ion 130.00 (129.70 to 130.70): V



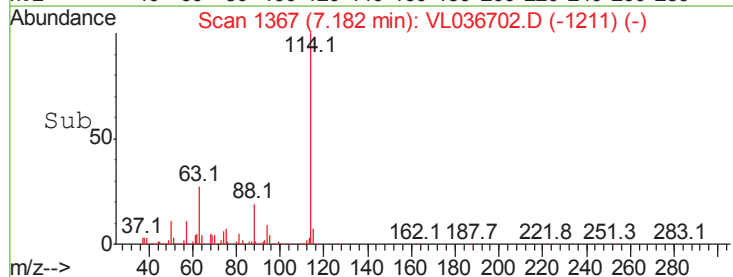
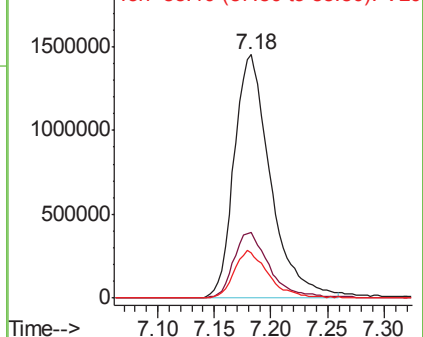
#33

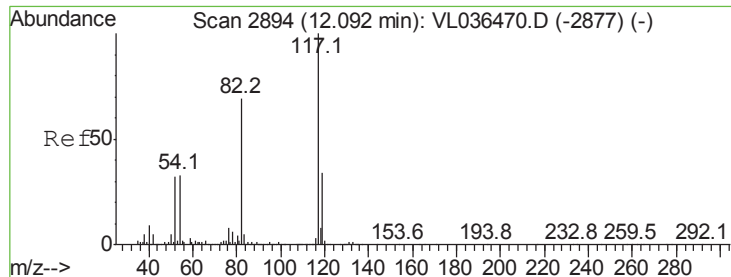
1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VL036702.D
 Acq: 6 Apr 2021 16:35

Tgt Ion: 114 Resp: 3253917
 Ion Ratio Lower Upper
 114 100
 63 27.0 22.4 33.6
 88 19.0 15.4 23.0



Abundance Ion 114.10 (113.80 to 114.80): V
 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# 2896

Delta R.T. 0.01 min

Lab File: VL036702.D

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Instrument :

MSVOA_L

ClientSampleId :

VL0406ABL01

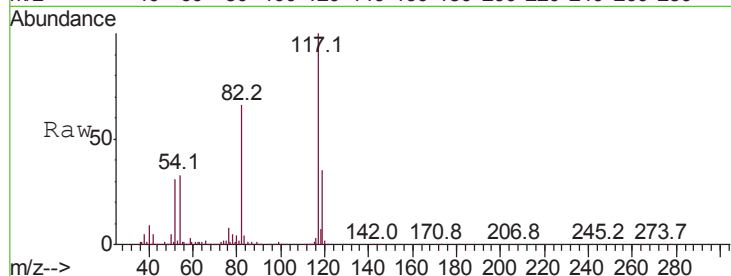
Tot Ion:117 Resp: 2843268

Ion Ratio Lower Upper

117 100

82 70.9 57.4 86.0

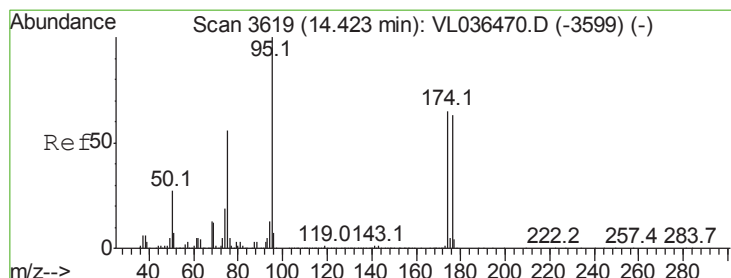
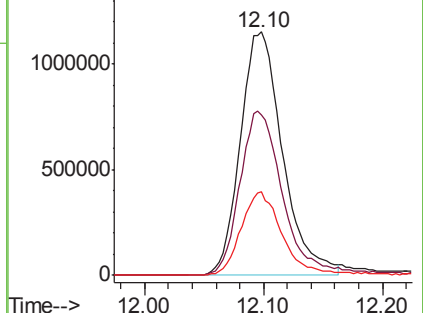
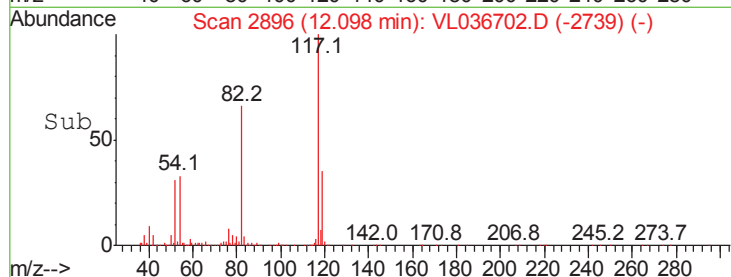
119 34.6 47.4 71.0#



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: 9.920 ppbv

RT: 14.43 min Scan# 3620

Delta R.T. 0.00 min

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Acq: 6 Apr 2021 16:35

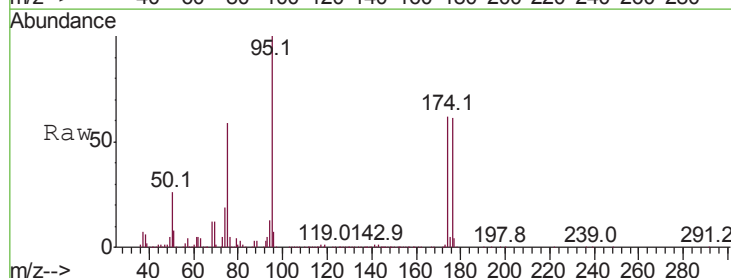
Tgt Ion: 95 Resp: 2247995

Ion Ratio Lower Upper

95 100

174 67.4 51.0 76.6

175 5.0 3.9 5.9



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

