

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL113020\
Data File : VL036036.D
Acq On : 30 Nov 2020 22:15
Operator : SY/AP
Sample : L4536-01DL 2X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
E054-1100DL

Quant Time: Dec 01 02:46:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL113020BRAIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Nov 30 16:37:42 2020
QLast Update : Mon Nov 30 16:37:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	1278251	10.00	ppbv	0.00
3) 1,4-Difluorobenzene	7.22	114	4450296	10.00	ppbv	0.00
4) Chlorobenzene-d5	12.14	117	4231798	10.00	ppbv	0.00

System Monitoring Compounds

5) 1-Bromo-4-Fluorobenzene	14.47	95	3627231	11.16	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	111.60%

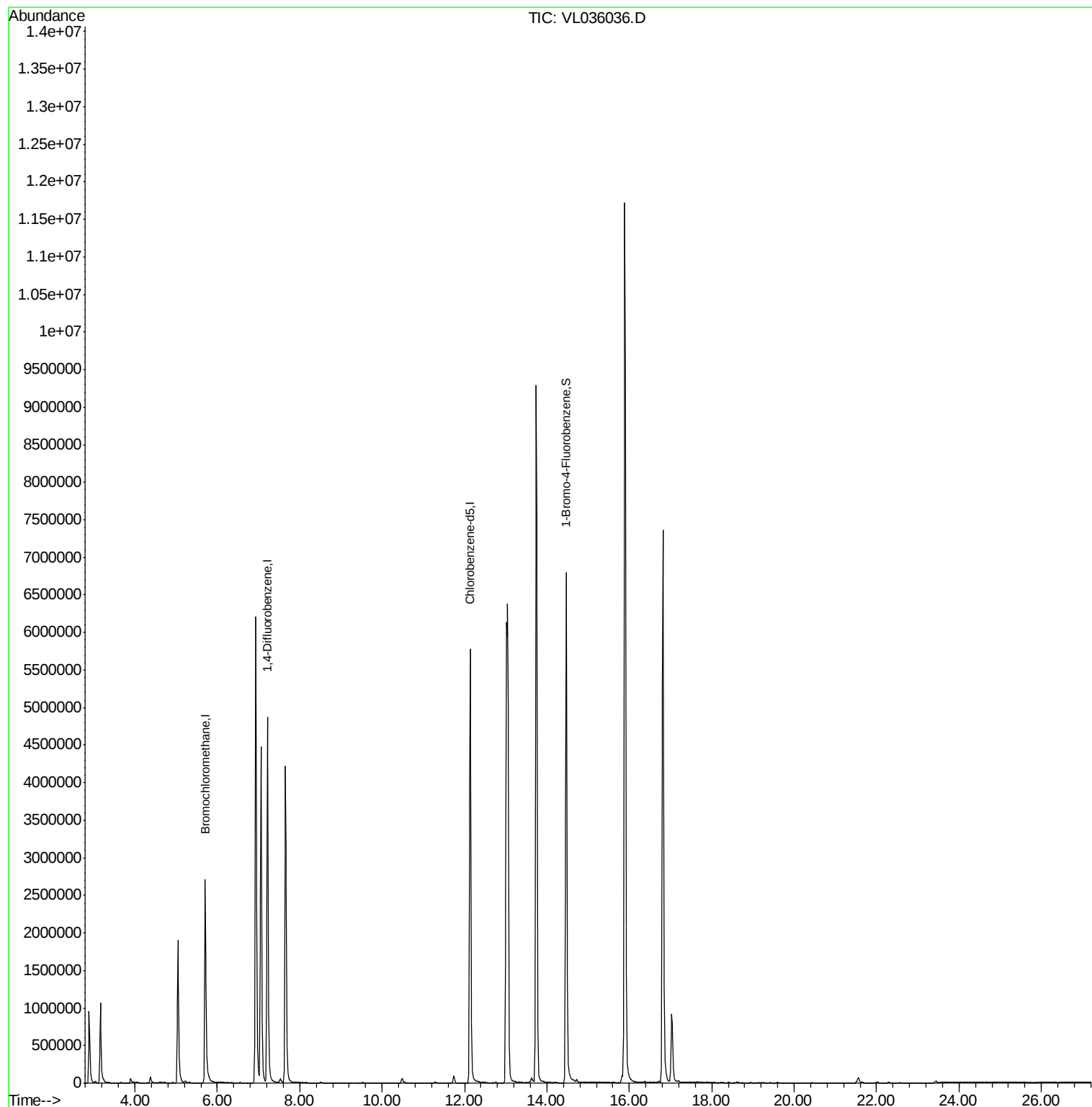
Target Compounds	Ovalue
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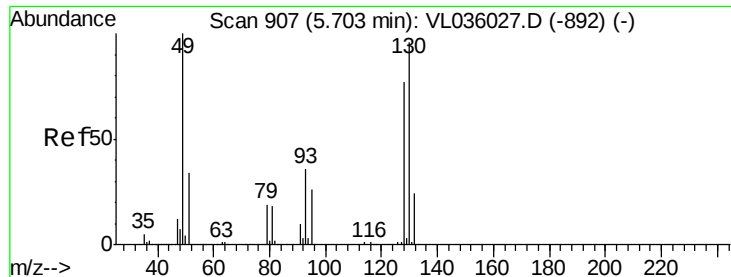
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.70 min Scan# 907

Delta R.T. 0.00 min

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E054-1100DL

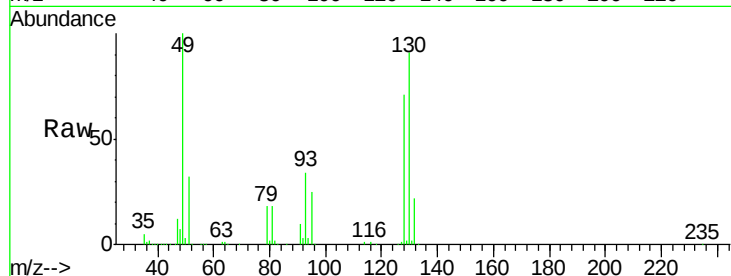
Tot Ion: 49 Resp: 1278251

Ion Ratio Lower Upper

49 100

128 74.7 38.0 114.1

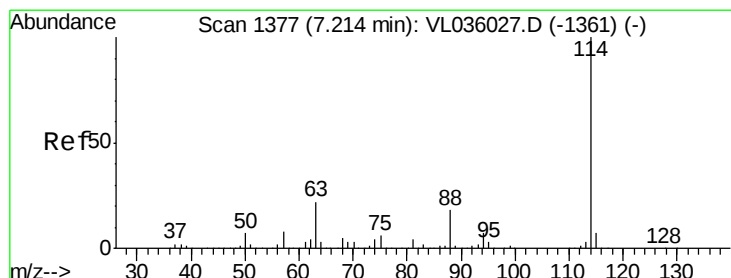
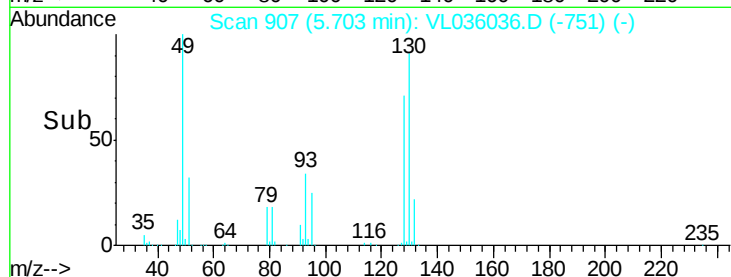
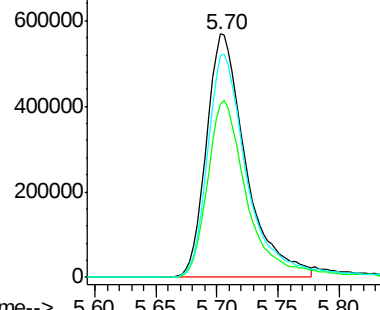
130 94.3 49.2 147.6



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



#3

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.22 min Scan# 1378

Delta R.T. 0.00 min

Lab File: VL036036.D

Acq: 30 Nov 2020 22:15

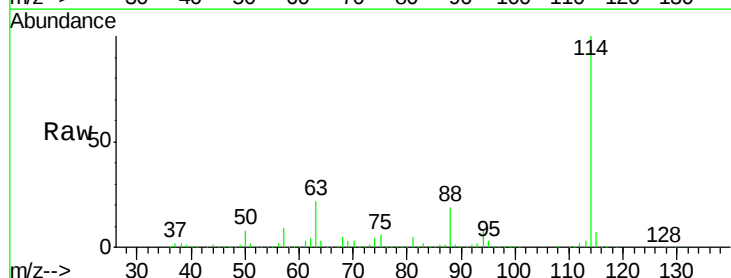
Tgt Ion: 114 Resp: 4450296

Ion Ratio Lower Upper

114 100

63 21.4 16.6 24.8

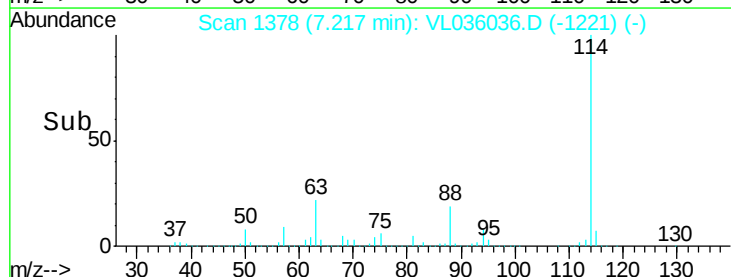
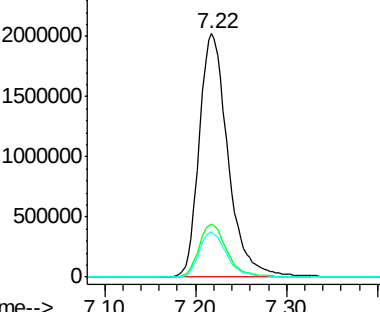
88 17.9 14.0 21.0

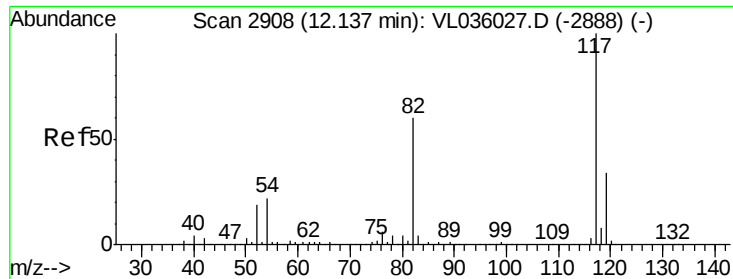


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





#4

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.14 min Scan# 2908

Delta R.T. 0.00 min

Lab File: VL036036.D

Acq: 30 Nov 2020 22:15

Instrument :

MSVOA_L

ClientSampleId :

E054-1100DL

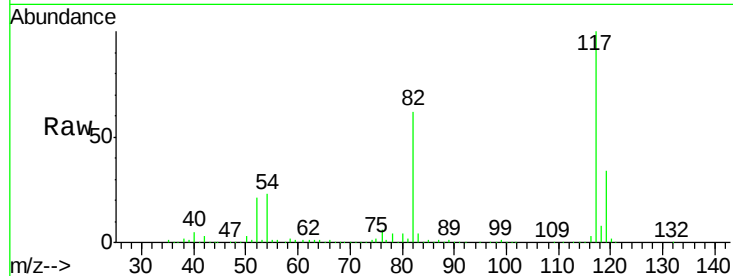
Tot Ion:117 Resp: 4231798

Ion Ratio Lower Upper

117 100

82 62.3 48.6 73.0

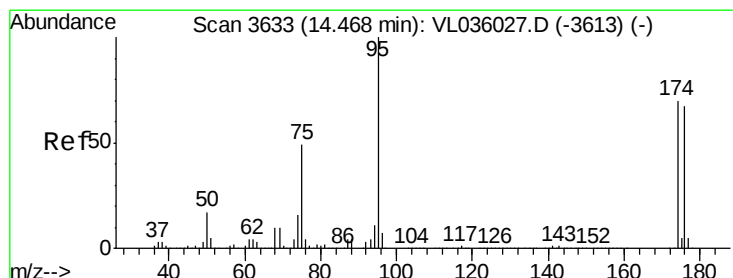
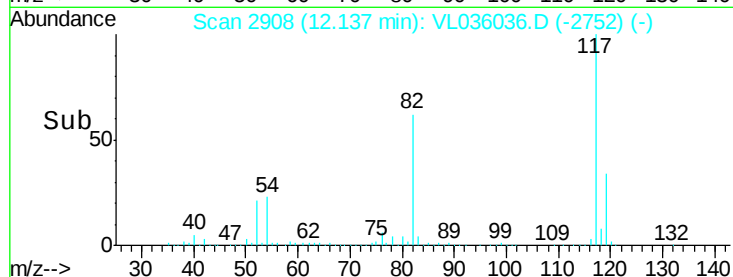
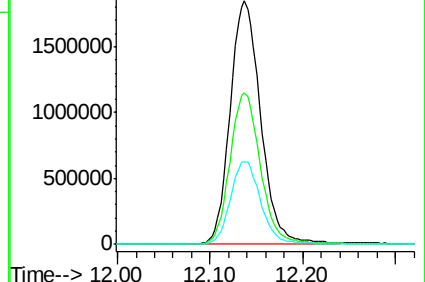
119 33.8 27.5 41.3



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



#5

1-Bromo-4-Fluorobenzene

Concen: 11.162 ppbv

RT: 14.47 min Scan# 3633

Delta R.T. 0.00 min

Lab File: VL036036.D

Acq: 30 Nov 2020 22:15

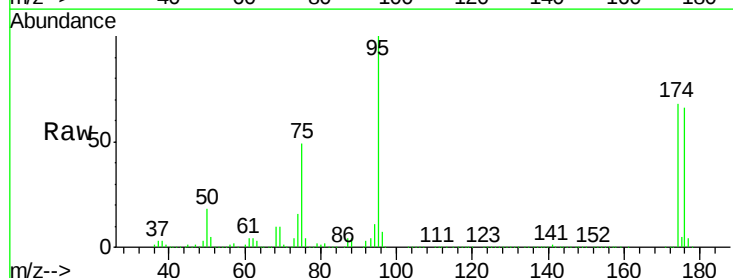
Tgt Ion: 95 Resp: 3627231

Ion Ratio Lower Upper

95 100

174 68.6 56.2 84.2

175 4.9 4.0 6.0



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

