

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL113020\
 Data File : VL036034.D
 Acq On : 30 Nov 2020 20:17
 Operator : SY/AP
 Sample : VL1130ABS01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1130ABS01

Quant Time: Dec 01 02:46:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL113020BRAIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	5.71	49	1317852	10.00	ppbv	0.00
3) 1,4-Difluorobenzene	7.22	114	4535375	10.00	ppbv	0.00
4) Chlorobenzene-d5	12.14	117	5351049	10.00	ppbv	0.00

System Monitoring Compounds

5) 1-Bromo-4-Fluorobenzene	14.47	95	3457977	8.42	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	84.20%

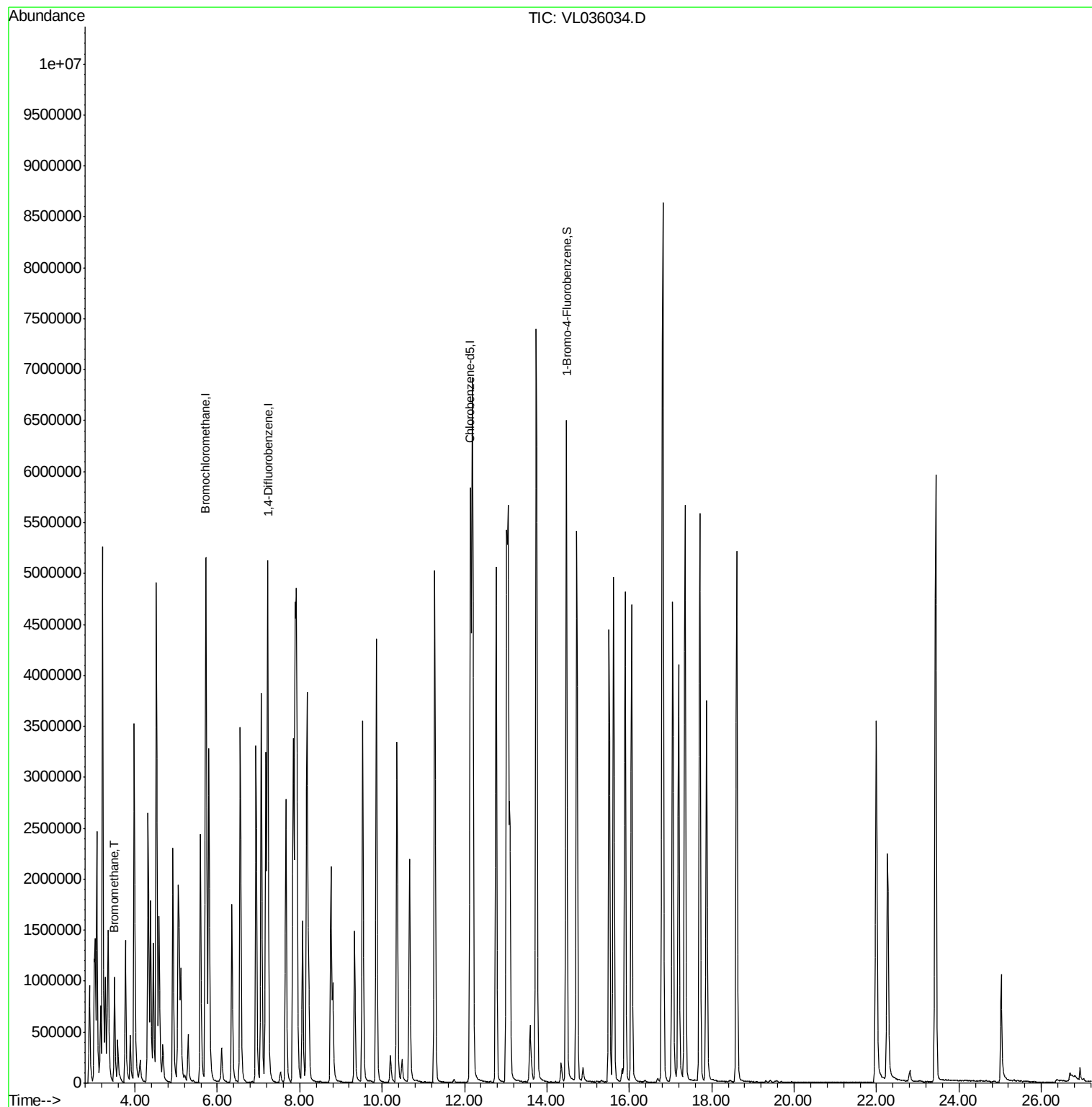
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Bromomethane	3.50	94	749097	8.566	ppbv	98

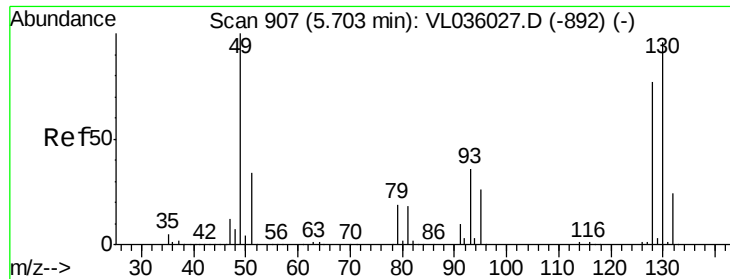
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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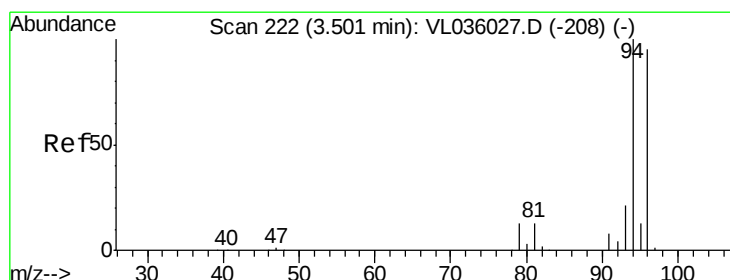
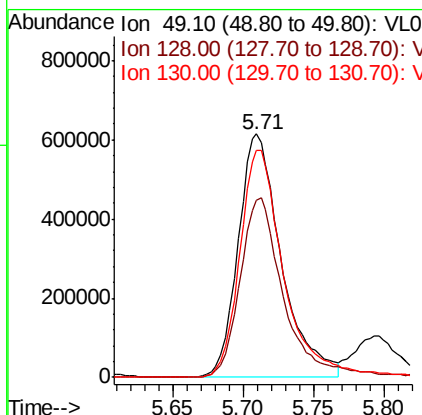
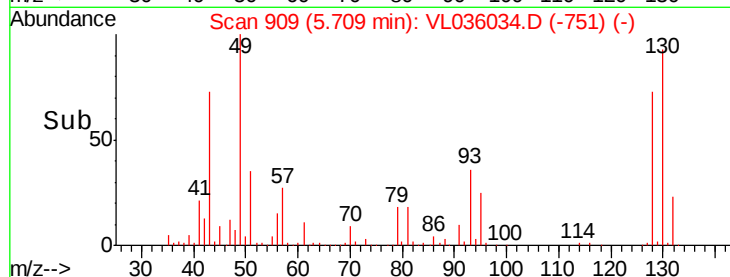
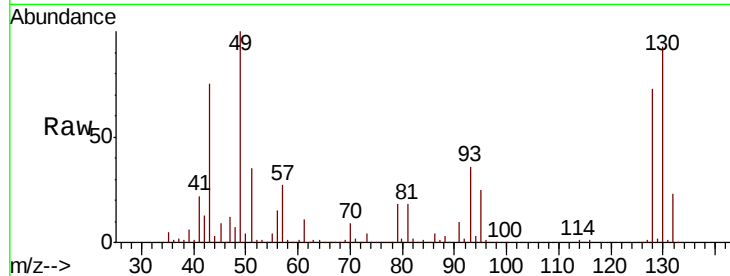




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.71 min Scan# 909
Delta R.T. 0.01 min
Lab File: VL036034.D
Acq: 30 Nov 2020 20:17

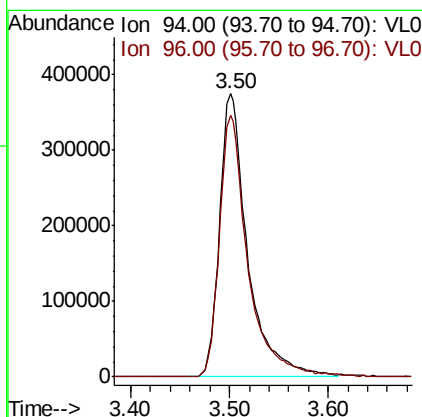
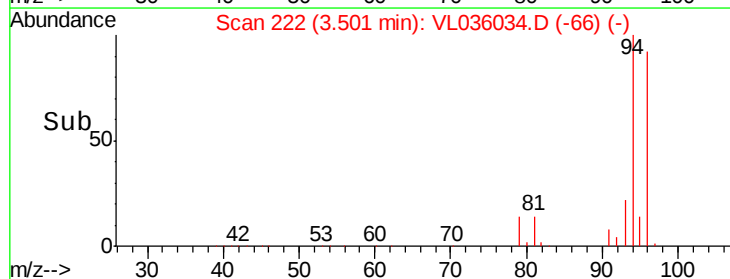
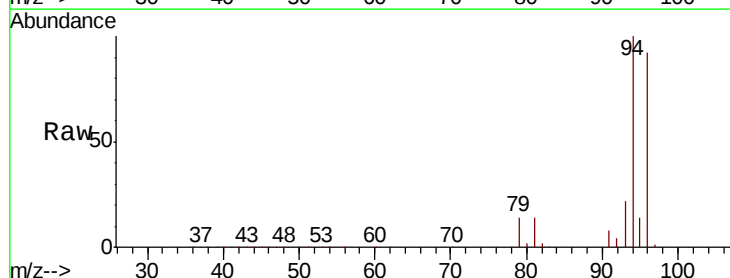
Instrument :
MSVOA_L
ClientSampleId :
VL1130ABS01

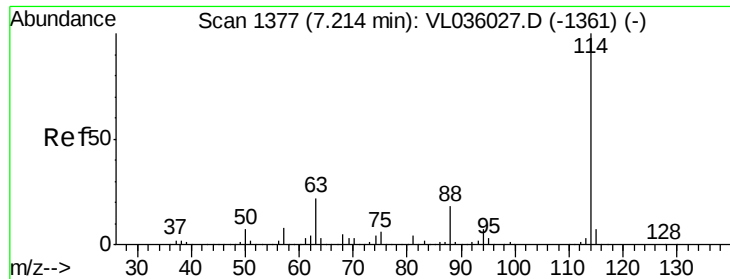
Tot Ion: 49 Resp: 1317852
Ion Ratio Lower Upper
49 100
128 76.1 38.0 114.1
130 96.4 49.2 147.6



#2
Bromomethane
Concen: 8.566 ppbv
RT: 3.50 min Scan# 222
Delta R.T. 0.00 min
Lab File: VL036034.D
Acq: 30 Nov 2020 20:17

Tgt Ion: 94 Resp: 749097
Ion Ratio Lower Upper
94 100
96 92.5 75.7 113.5





#3

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.22 min Scan# 1380

Delta R.T. 0.01 min

Lab File: VL036034.D

Acq: 30 Nov 2020 20:17

Instrument :

MSVOA_L

ClientSampleId :

VL1130ABS01

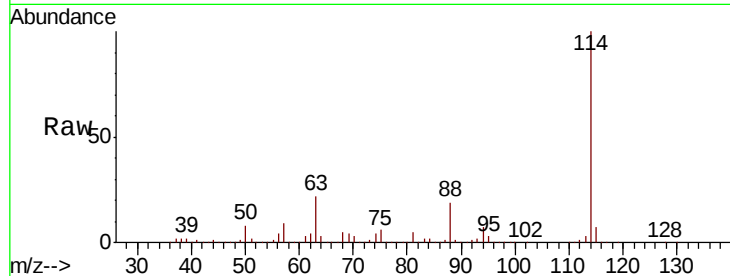
Tot Ion:114 Resp: 4535375

Ion Ratio Lower Upper

114 100

63 21.8 16.6 24.8

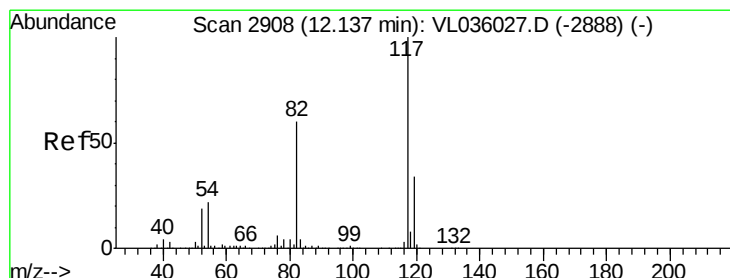
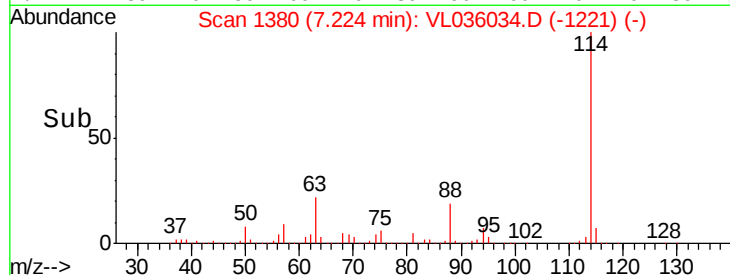
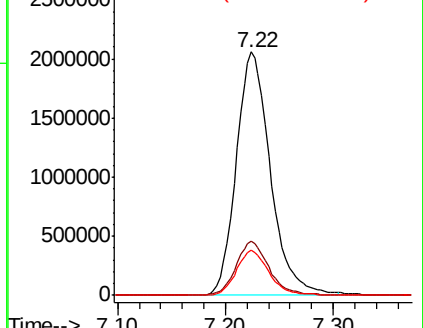
88 17.9 14.0 21.0



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



#4

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.14 min Scan# 2910

Delta R.T. 0.01 min

Lab File: VL036034.D

Acq: 30 Nov 2020 20:17

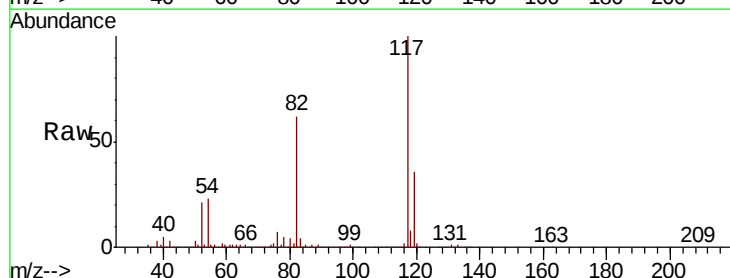
Tgt Ion:117 Resp: 5351049

Ion Ratio Lower Upper

117 100

82 50.6 48.6 73.0

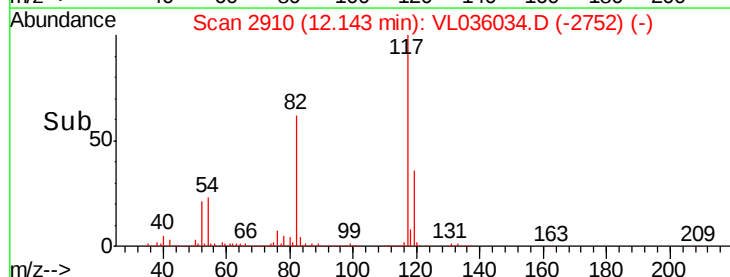
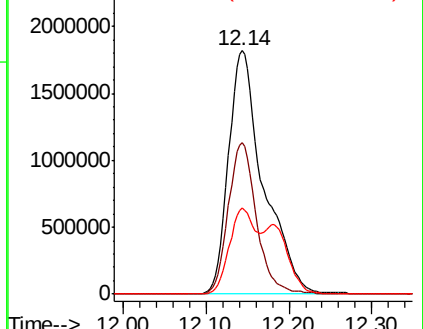
119 47.5 27.5 41.3#

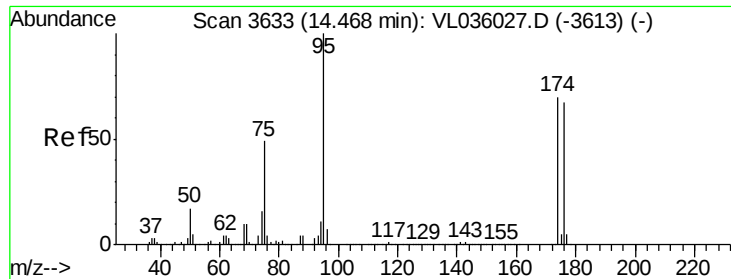


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#5

1-Bromo-4-Fluorobenzene

Concen: 8.416 ppbv

RT: 14.47 min Scan# 3635

Delta R.T. 0.01 min

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Tot Ion: 95 Resp: 3457977

Ion Ratio Lower Upper

95 100

174 68.4 56.2 84.2

175 4.9 4.0 6.0

