

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082720\
Data File : VL035520.D
Acq On : 27 Aug 2020 14:37
Operator : SY/AP
Sample : OC082020 CAN 10592
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC082020 CAN 10592

Quant Time: Aug 28 11:16:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 27 06:46:28 2020
QLast Update : Thu Aug 27 06:46:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1006361	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	4184000	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	4227685	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	3071168	10.23	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.30%

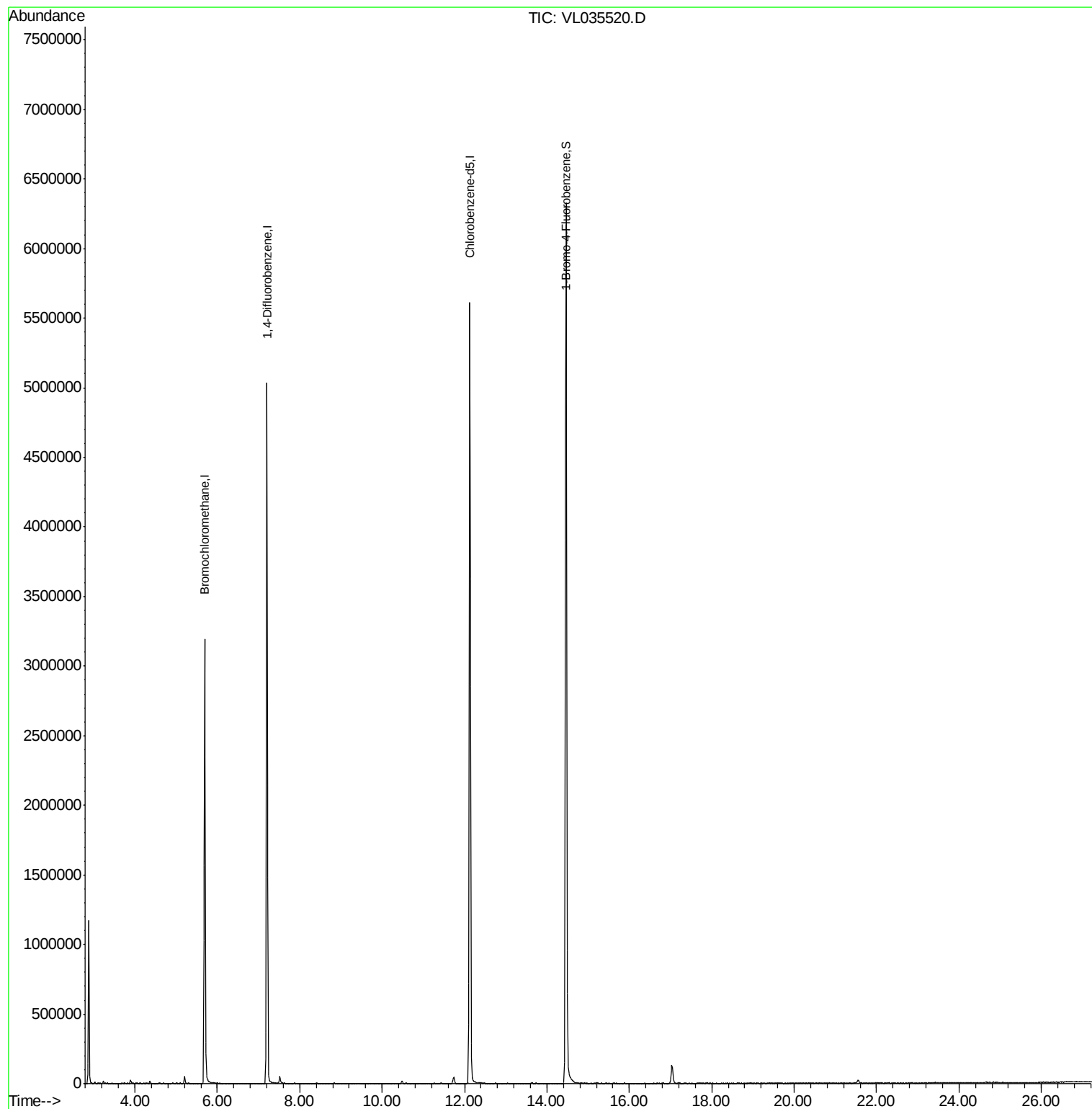
Target Compounds	Ovalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 903

Delta R.T. 0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

QC082020 CAN 10592

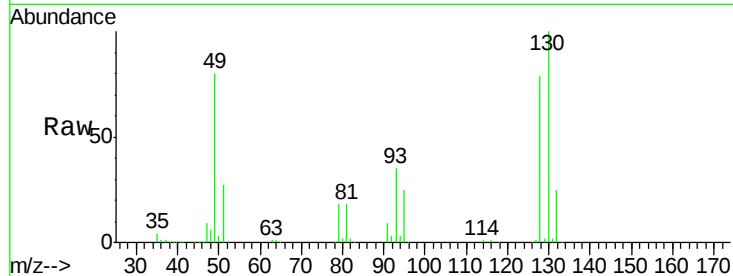
Tot Ion: 49 Resp: 1006361

Ion Ratio Lower Upper

49 100

128 98.2 50.0 150.1

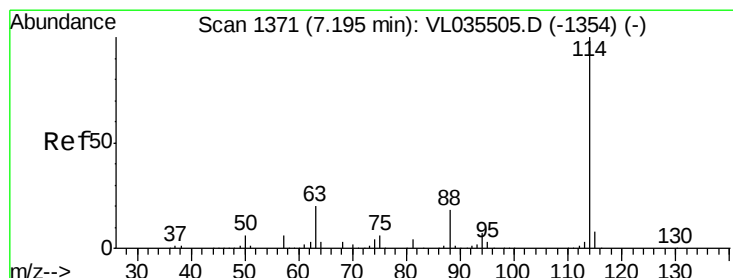
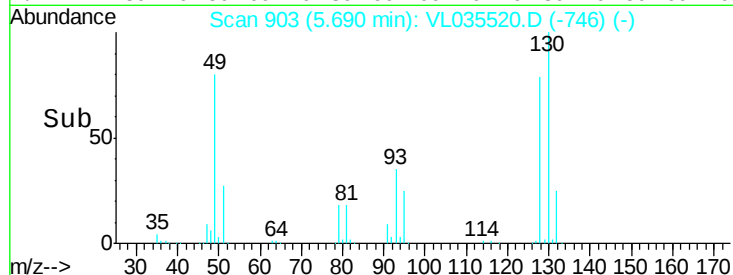
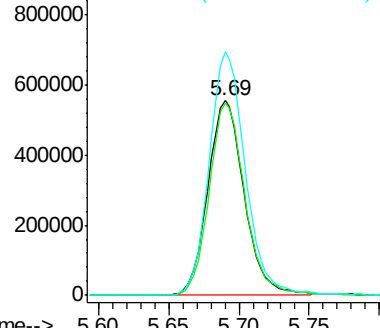
130 126.0 64.4 193.2



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: 7.20 min Scan# 1374

Delta R.T. 0.01 min

Lab File: VL035520.D

Acq: 27 Aug 2020 14:37

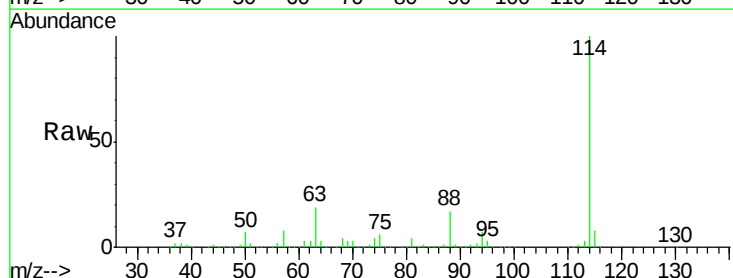
Tgt Ion: 114 Resp: 4184000

Ion Ratio Lower Upper

114 100

63 18.3 14.7 22.1

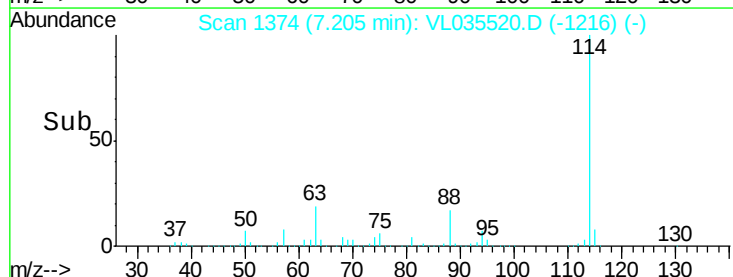
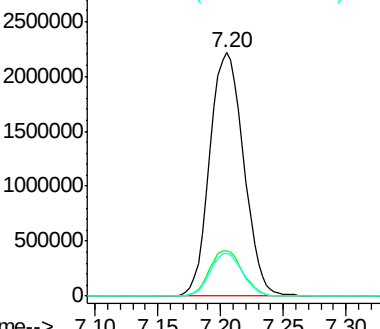
88 16.9 13.4 20.2

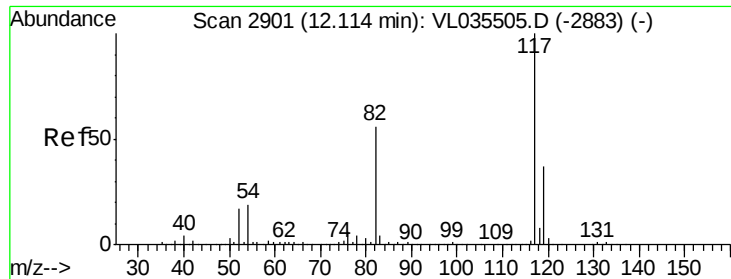


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

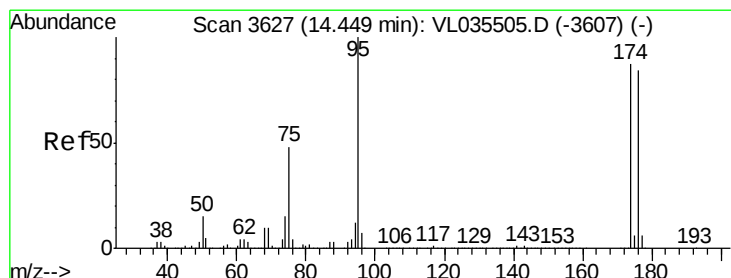
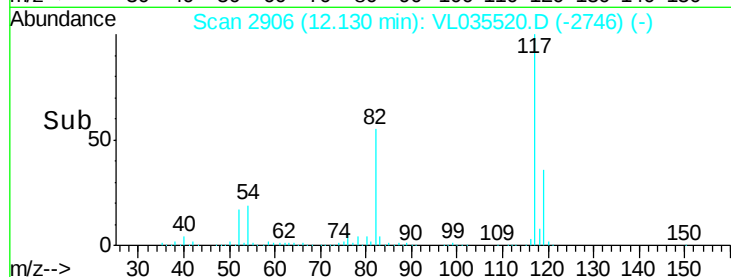
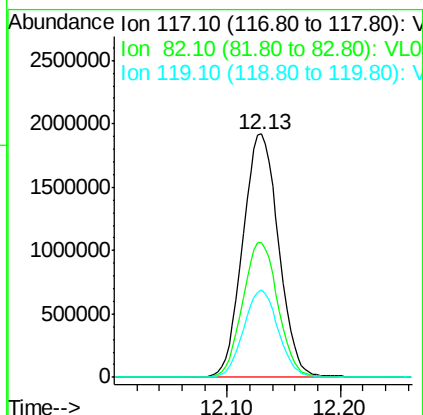
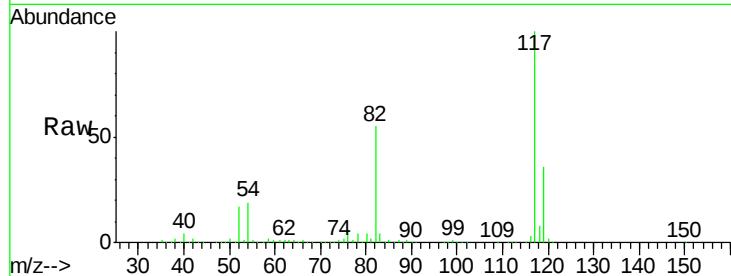




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2906
Delta R.T. 0.02 min
Lab File: VL035520.D
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Tot Ion:117 Resp: 4227685
Ion Ratio Lower Upper
117 100
82 55.2 41.6 62.4
119 34.8 29.3 43.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.229 ppbv
RT: 14.46 min Scan# 3632
Delta R.T. 0.02 min
Lab File: VL035520.D
Acq: 27 Aug 2020 14:37

Tgt Ion: 95 Resp: 3071168
Ion Ratio Lower Upper
95 100
174 89.3 69.6 104.4
175 6.5 5.1 7.7

