

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082720\
Data File : VL035518.D
Acq On : 27 Aug 2020 13:15
Operator : SY/AP
Sample : QC082620 CAN 10283
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC082620 CAN 10283

Quant Time: Aug 28 11:14:54 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	987660	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	4134112	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	4180313	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	3008910	10.14	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%

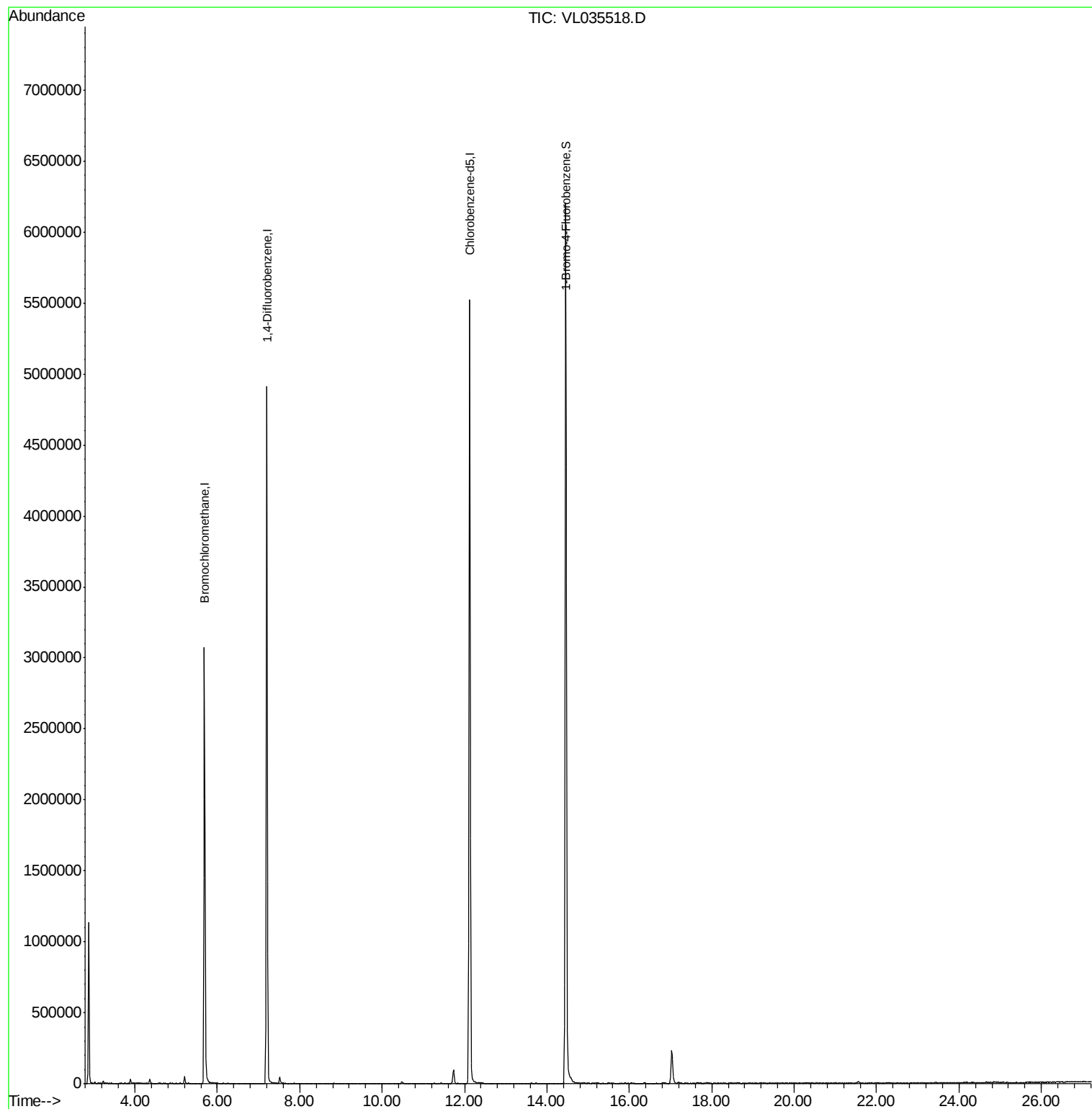
Target Compounds	Ovalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 902

Delta R.T. 0.00 min

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MSVOA_L

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QC082620 CAN 10283

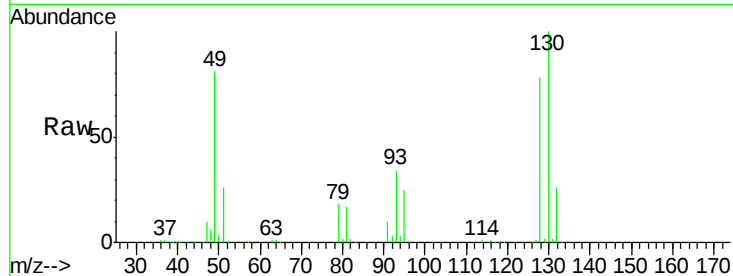
Tot Ion: 49 Resp: 987660

Ion Ratio Lower Upper

49 100

128 97.9 50.0 150.1

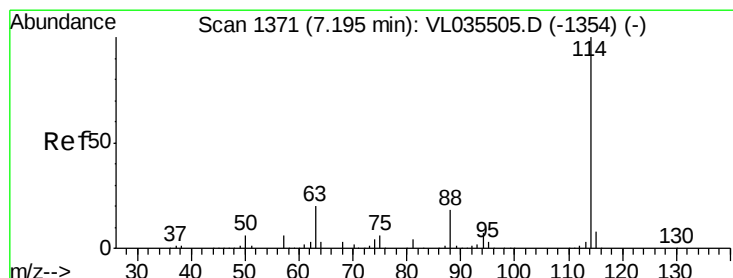
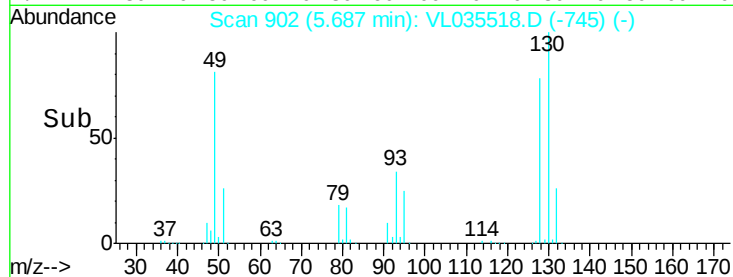
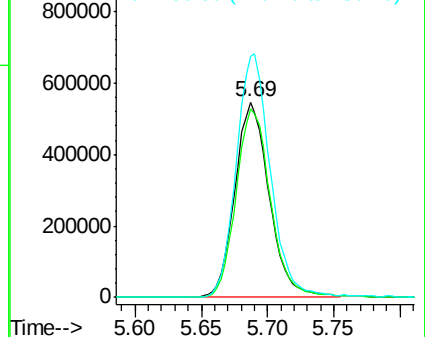
130 125.1 64.4 193.2



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# 1373

Delta R.T. 0.01 min

Lab File: VL035518.D

Acq: 27 Aug 2020 13:15

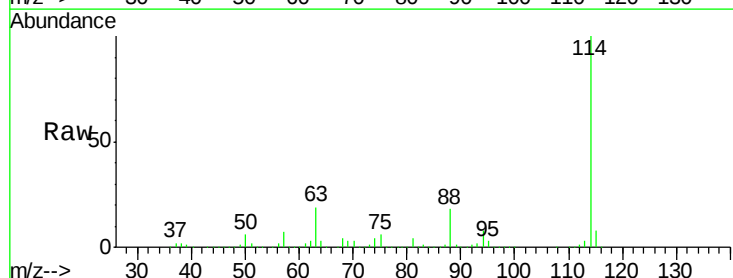
Tgt Ion: 114 Resp: 4134112

Ion Ratio Lower Upper

114 100

63 18.2 14.7 22.1

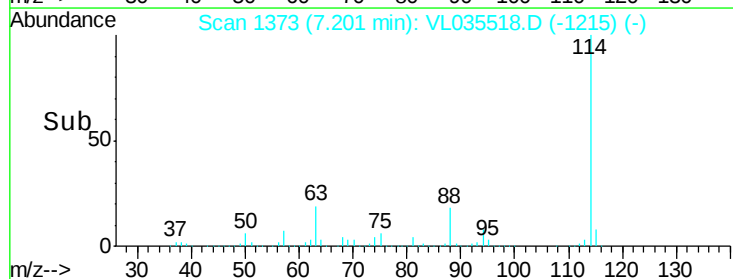
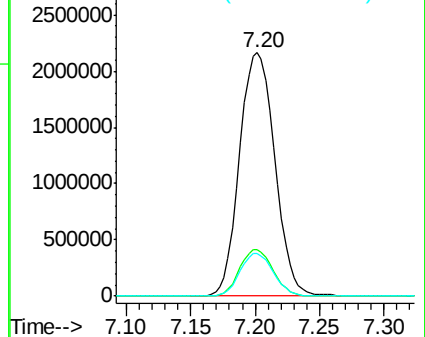
88 16.7 13.4 20.2

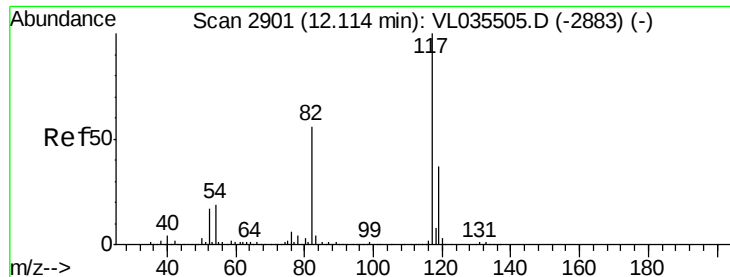


Abundance Ion 114.10 (113.80 to 114.80): VL0

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: 12.12 min Scan# 2904

Delta R.T. 0.01 min

Lab File: VL035518.D

Acq: 27 Aug 2020 13:15

Instrument :

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ClientSampleId :

QC082620 CAN 10283

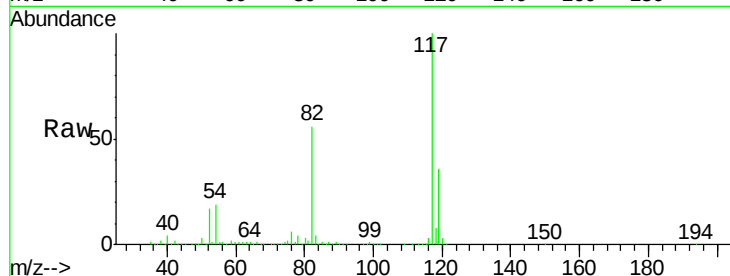
Tot Ion:117 Resp: 4180313

Ion Ratio Lower Upper

117 100

82 54.7 41.6 62.4

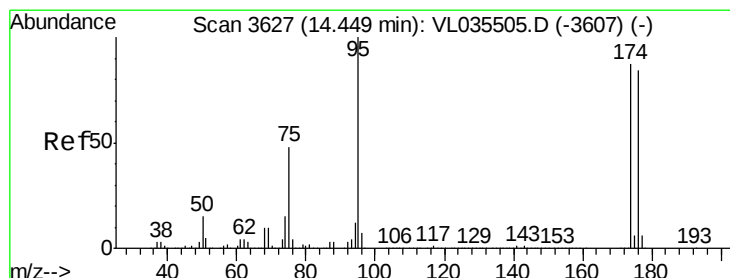
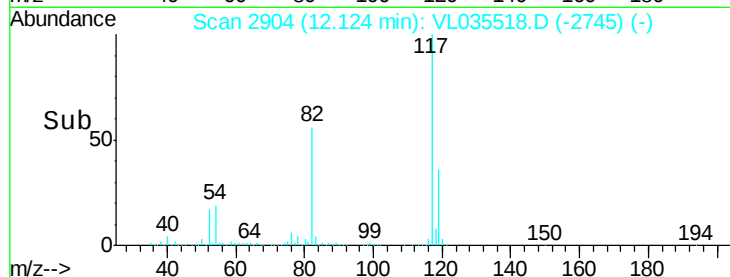
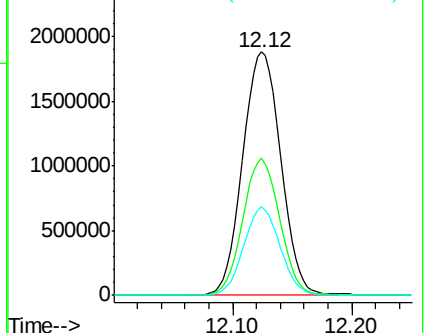
119 34.8 29.3 43.9



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: 10.136 ppbv

RT: 14.46 min Scan# 3630

Delta R.T. 0.01 min

Lab File: VL035518.D

Acq: 27 Aug 2020 13:15

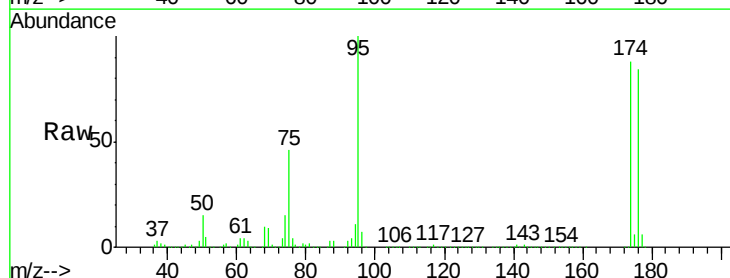
Tgt Ion: 95 Resp: 3008910

Ion Ratio Lower Upper

95 100

174 89.8 69.6 104.4

175 6.4 5.1 7.7



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

