

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082720\
Data File : VL035524.D
Acq On : 27 Aug 2020 18:22
Operator : SY/AP
Sample : CAN 10197
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10197

Quant Time: Aug 28 11:18:28 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	975884	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	4031052	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	4016715	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2953697	10.35	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.50%

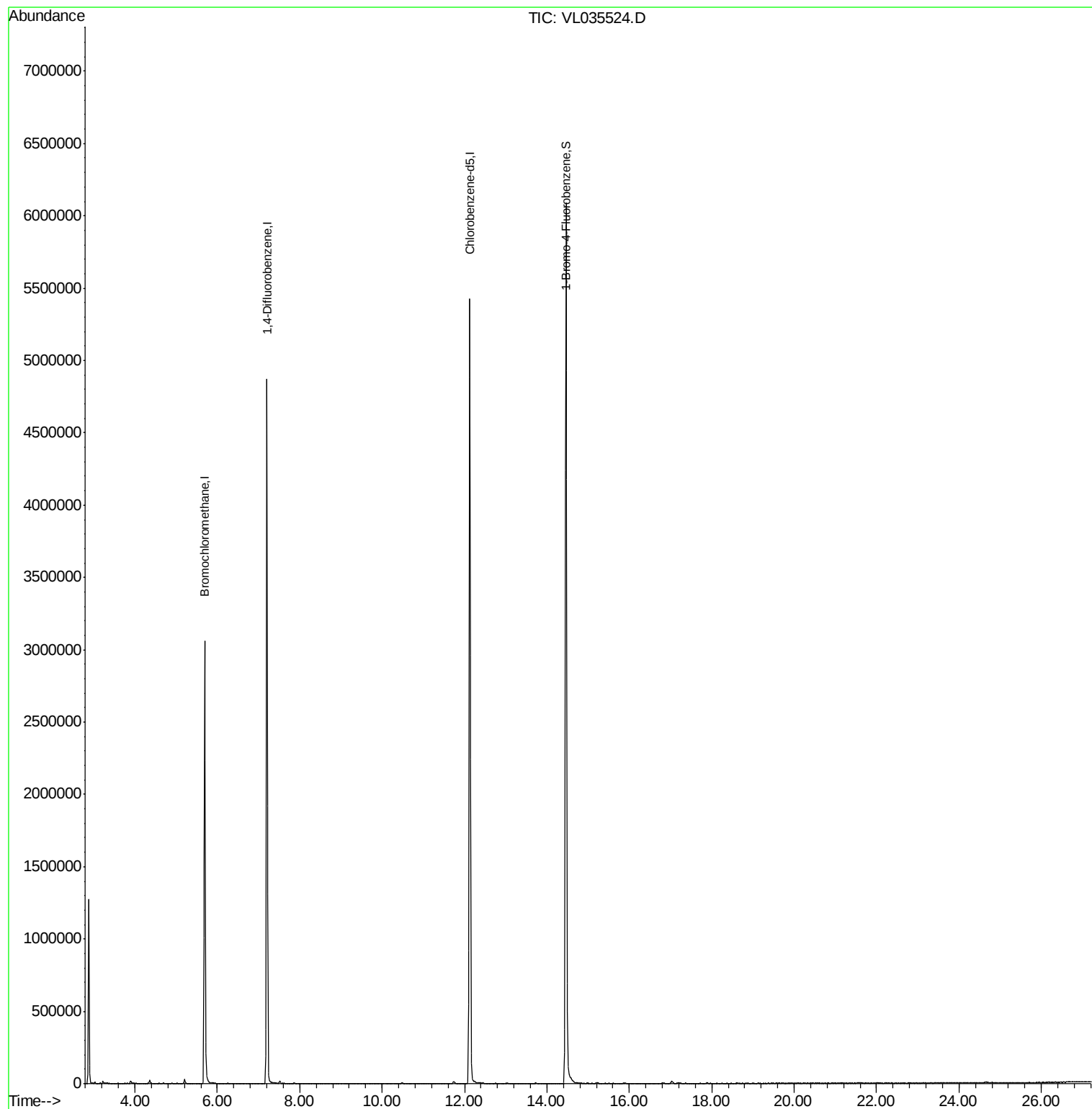
Target Compounds	Ovalue
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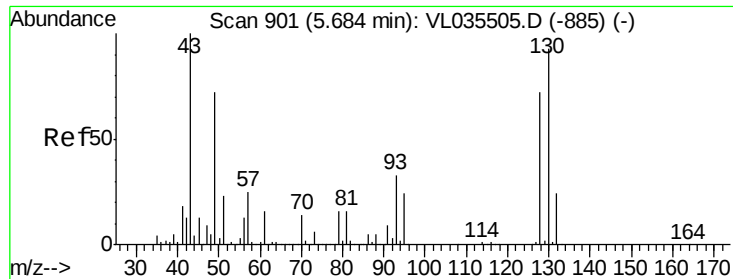
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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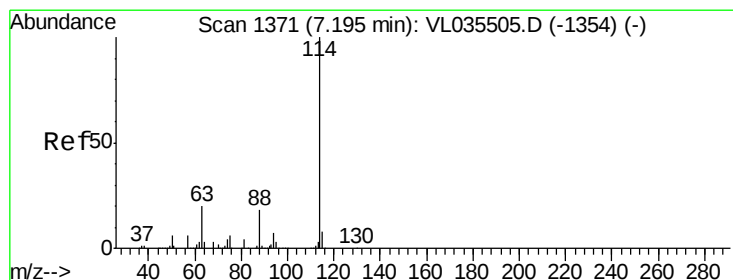
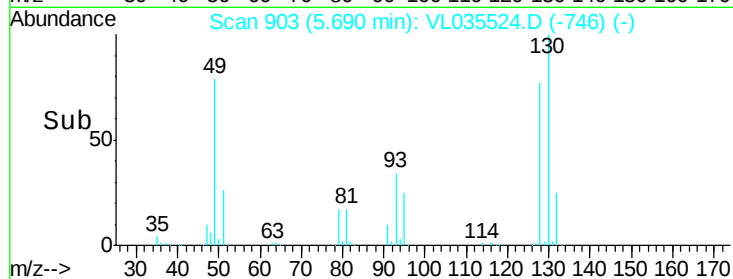
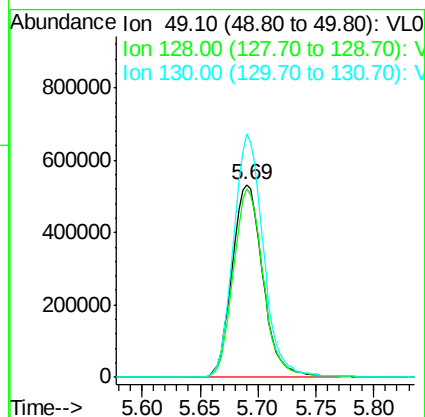
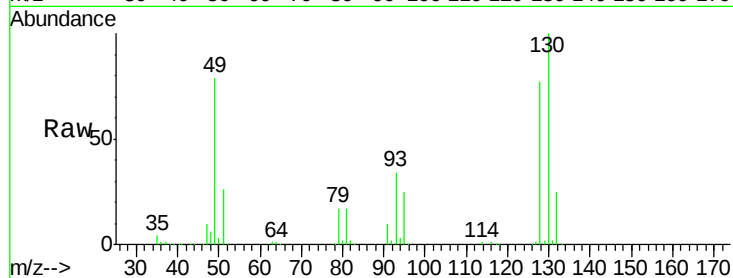




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.69 min Scan# 903
 Delta R.T. 0.01 min
 Lab File: VL035524.D
 Acq: 27 Aug 2020 18:22

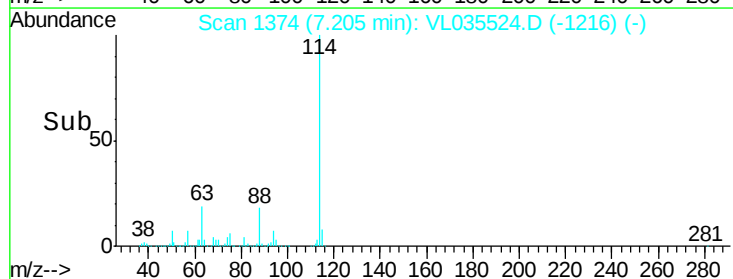
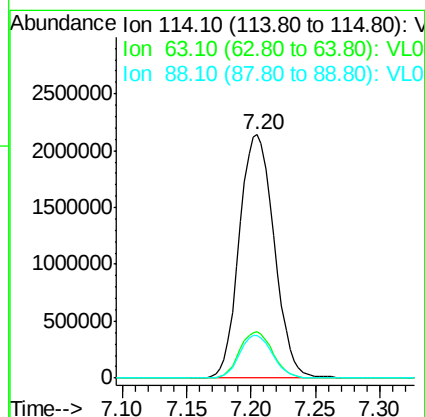
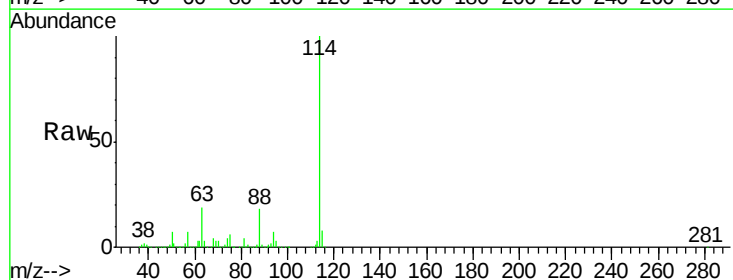
Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10197

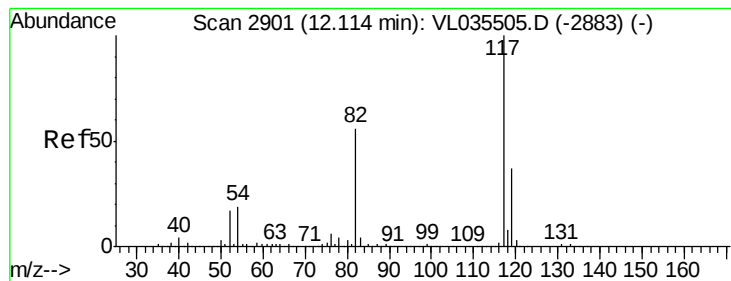
Tot Ion: 49 Resp: 975884
 Ion Ratio Lower Upper
 49 100
 128 96.1 50.0 150.1
 130 123.5 64.4 193.2



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1374
 Delta R.T. 0.01 min
 Lab File: VL035524.D
 Acq: 27 Aug 2020 18:22

Tgt Ion: 114 Resp: 4031052
 Ion Ratio Lower Upper
 114 100
 63 18.3 14.7 22.1
 88 16.8 13.4 20.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.13 min Scan# 2905

Delta R.T. 0.01 min

Lab File: VL035524.D

Acq: 27 Aug 2020 18:22

Instrument :

MSVOA_L

ClientSampleId :

CAN 10197

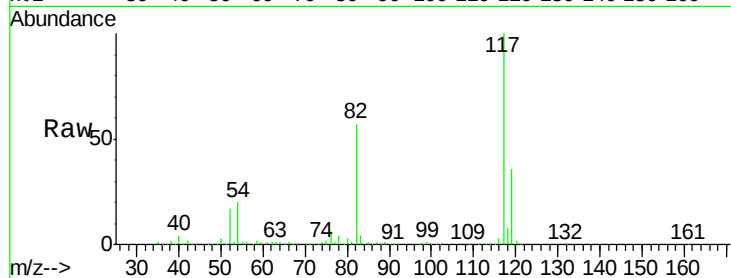
Tot Ion:117 Resp: 4016715

Ion Ratio Lower Upper

117 100

82 55.4 41.6 62.4

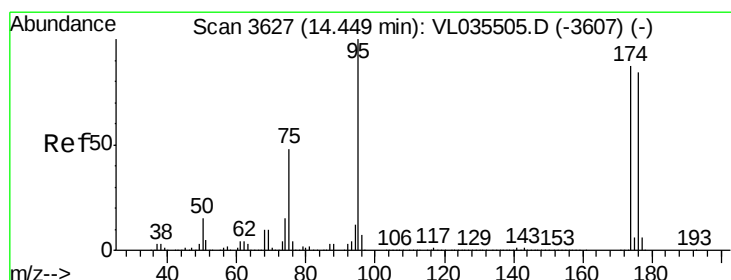
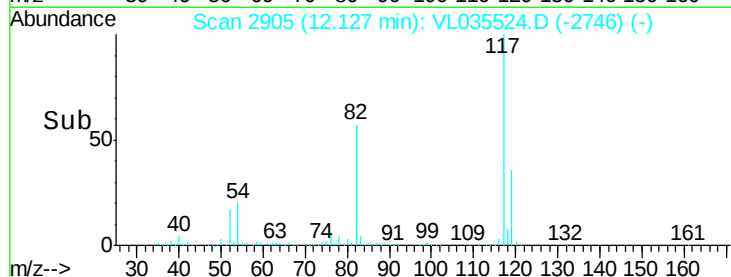
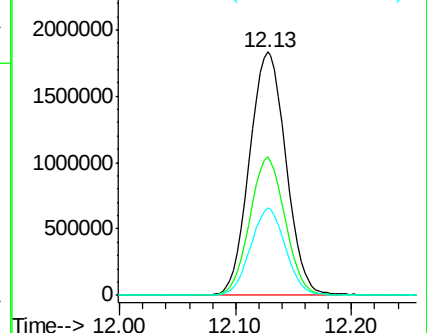
119 34.5 29.3 43.9



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: 10.355 ppbv

RT: 14.46 min Scan# 3631

Delta R.T. 0.01 min

Lab File: VL035524.D

Acq: 27 Aug 2020 18:22

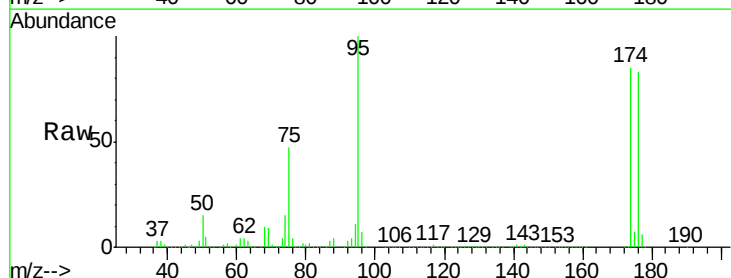
Tgt Ion: 95 Resp: 2953697

Ion Ratio Lower Upper

95 100

174 87.8 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

