

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082720\
 Data File : VL035523.D
 Acq On : 27 Aug 2020 17:41
 Operator : SY/AP
 Sample : CAN 10608
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10608

Quant Time: Aug 28 11:17:37 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	986756	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	4039457	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	4038229	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2966194	10.34	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.40%

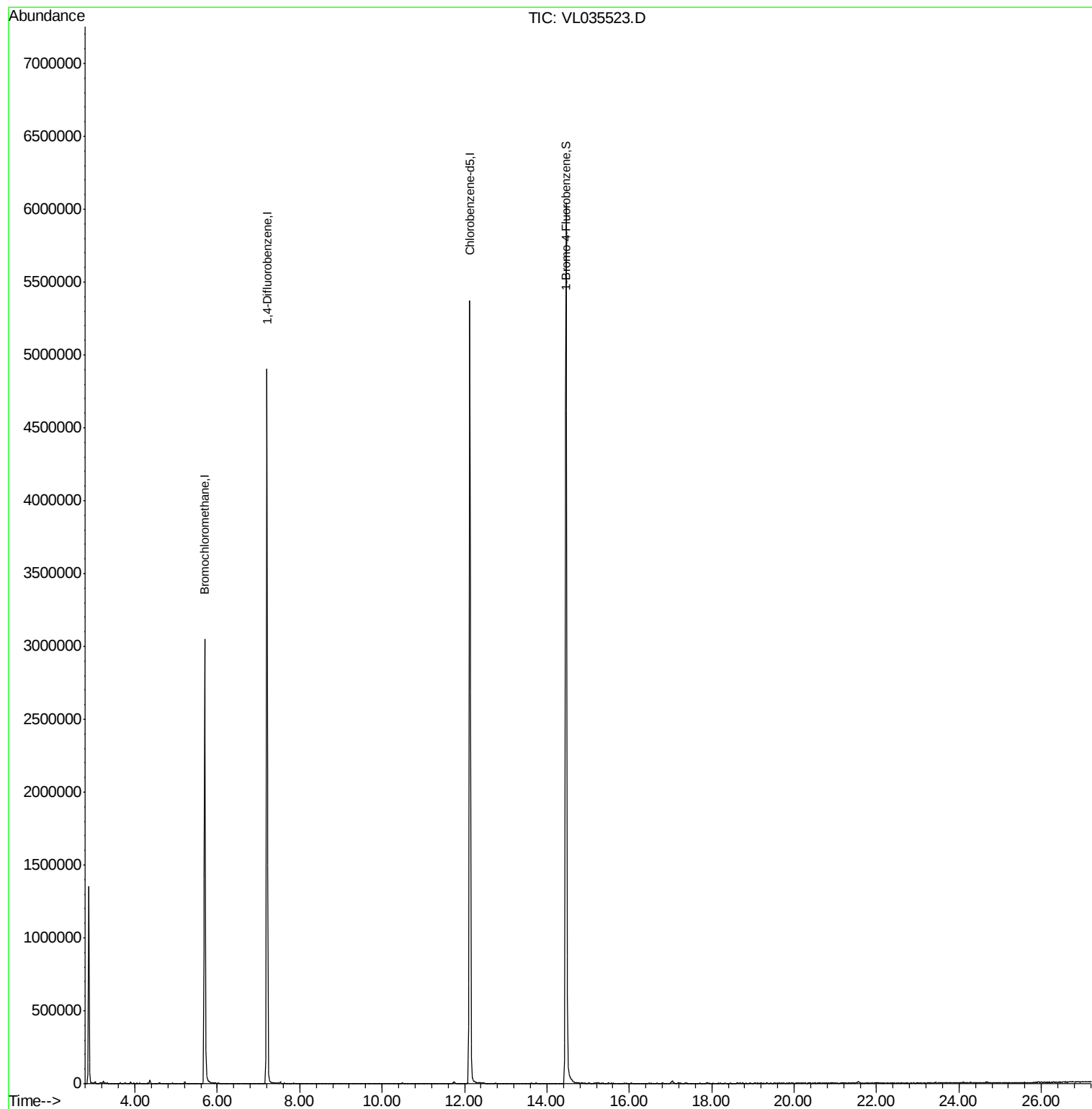
Target Compounds	Ovalue

(#) = 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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MSVOA_L

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CAN 10608

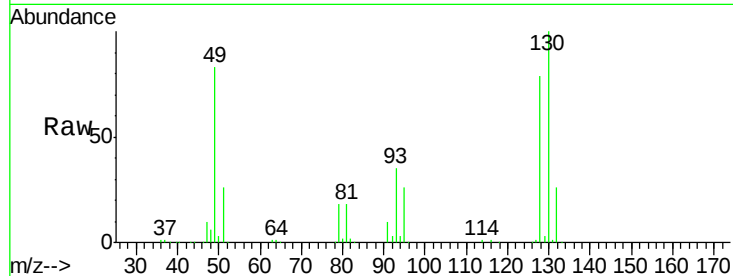
Tot Ion: 49 Resp: 986756

Ion Ratio Lower Upper

49 100

128 96.2 50.0 150.1

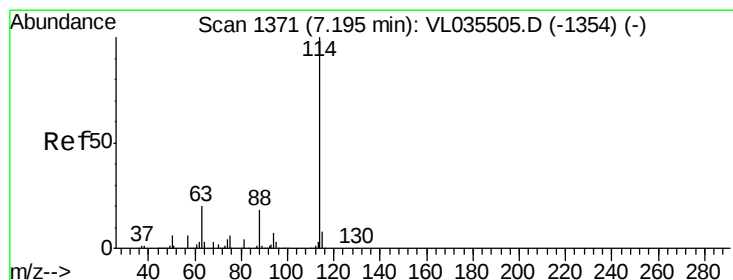
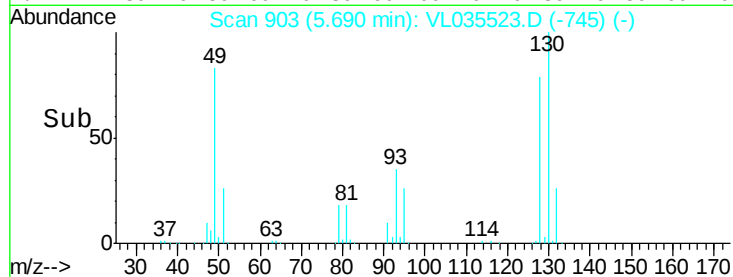
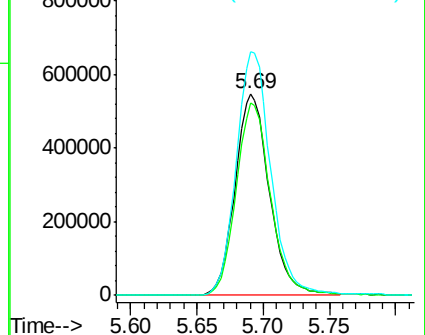
130 122.9 64.4 193.2



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: VL035523.D

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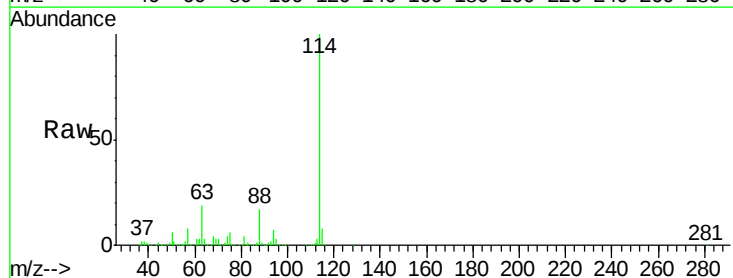
Tgt Ion: 114 Resp: 4039457

Ion Ratio Lower Upper

114 100

63 18.4 14.7 22.1

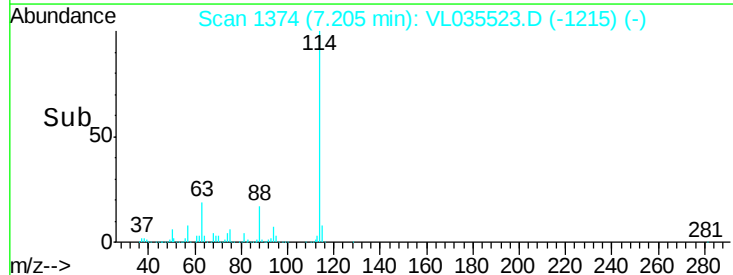
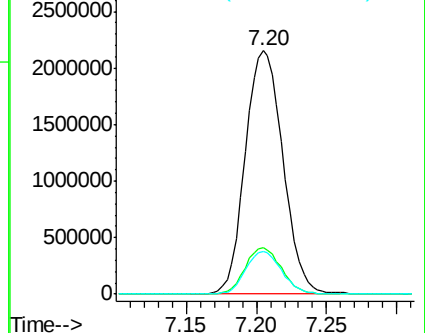
88 16.7 13.4 20.2

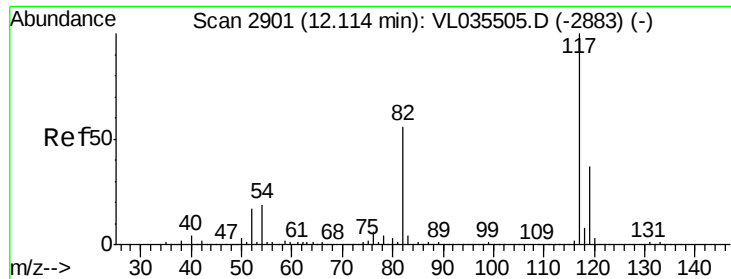


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

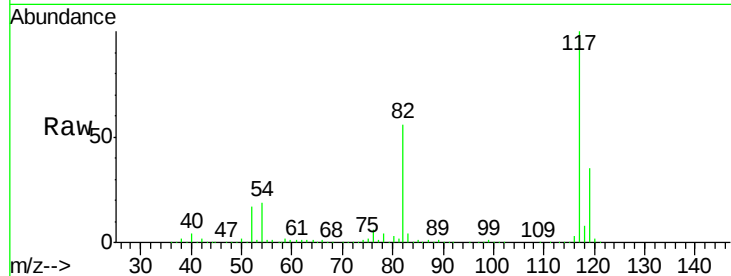




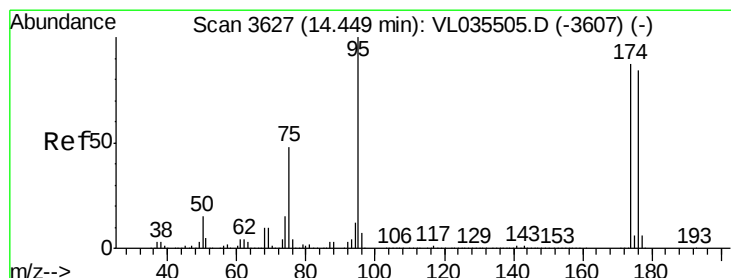
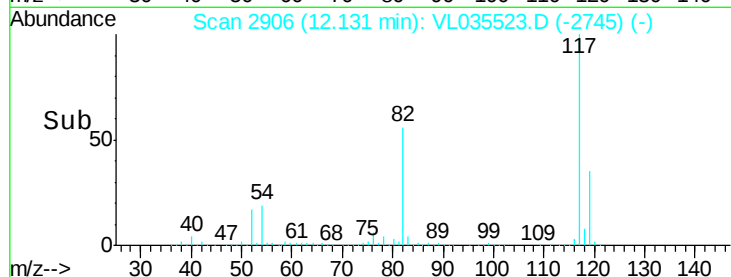
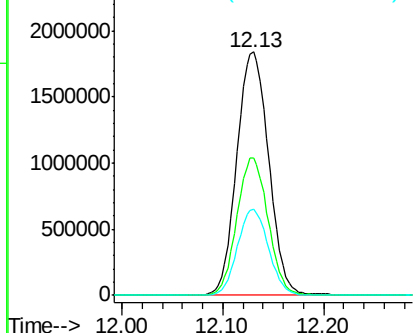
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2906
Delta R.T. 0.02 min
Lab File: VL035523.D
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Tot Ion:117 Resp: 4038229
Ion Ratio Lower Upper
117 100
82 55.4 41.6 62.4
119 34.5 29.3 43.9

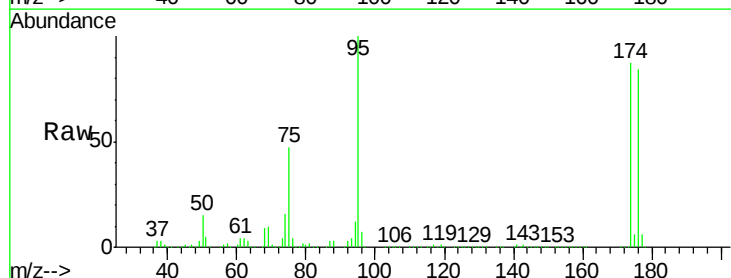


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.343 ppbv
RT: 14.46 min Scan# 3631
Delta R.T. 0.01 min
Lab File: VL035523.D
Acq: 27 Aug 2020 17:41

Tgt Ion: 95 Resp: 2966194
Ion Ratio Lower Upper
95 100
174 88.0 69.6 104.4
175 6.3 5.1 7.7



Abundance Ion 95.10 (94.80 to 95.80): V
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

