

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091020\
Data File : VL035586.D
Acq On : 10 Sep 2020 16:33
Operator : SY/AP
Sample : CAN 10154
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10154

Quant Time: Sep 11 09:40:19 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	5.66	49	1071489	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.17	114	4342247	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	4364183	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3285173	10.60	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.00%

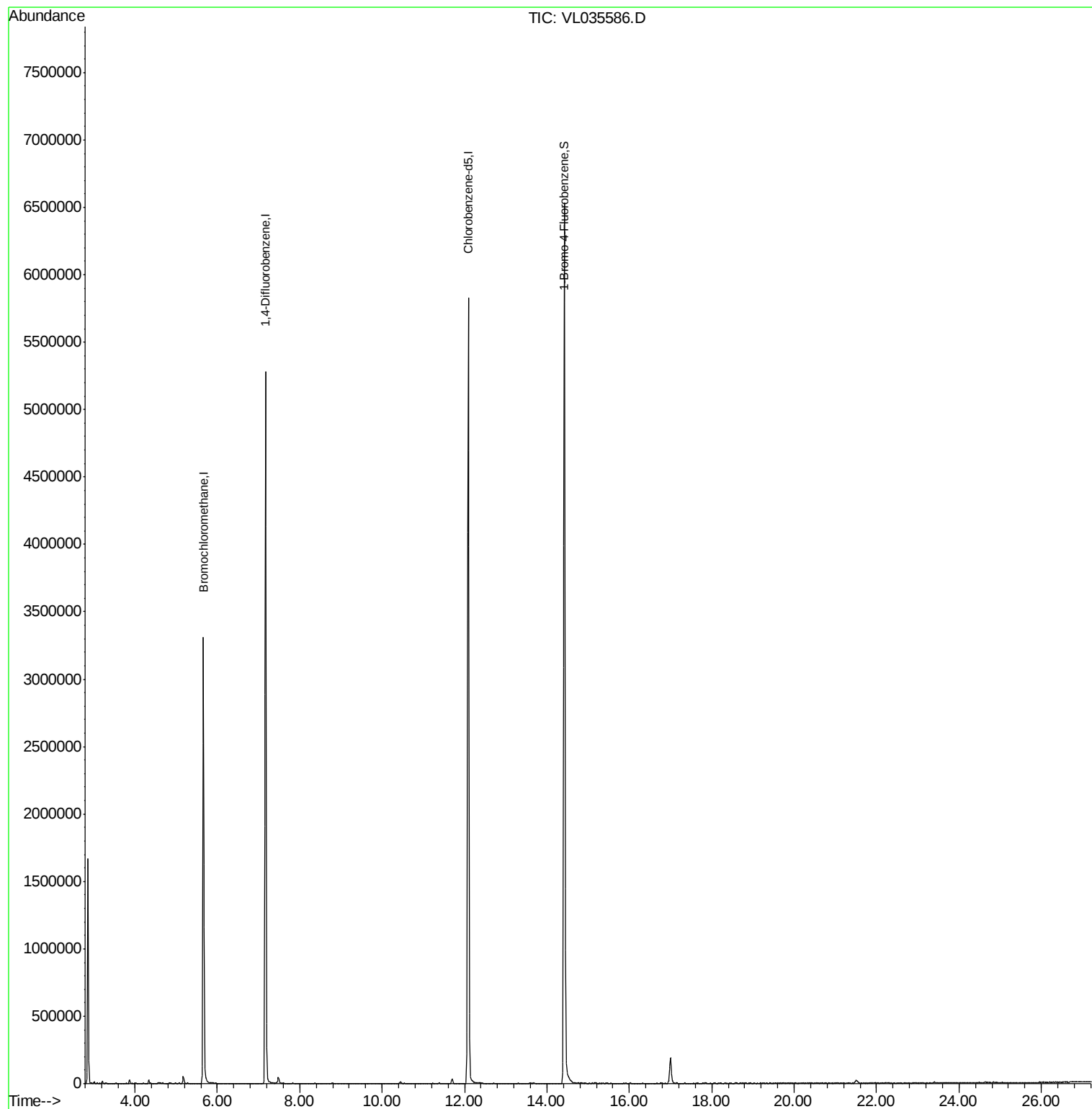
Target Compounds	Ovalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.03 min

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Instrument :

MSVOA_L

ClientSampleId :

CAN 10154

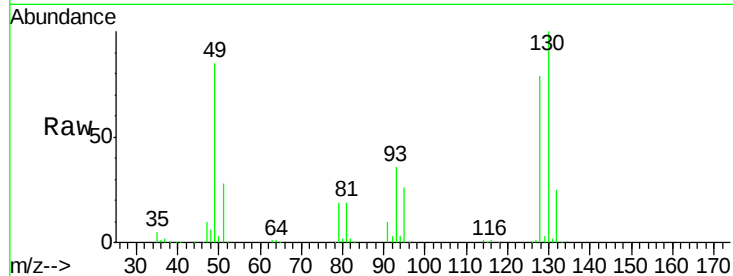
Tot Ion: 49 Resp: 1071489

Ion Ratio Lower Upper

49 100

128 92.6 50.0 150.1

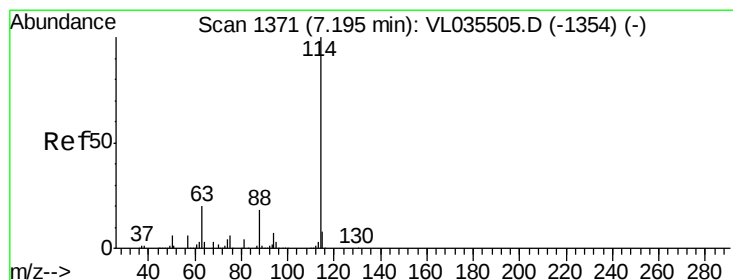
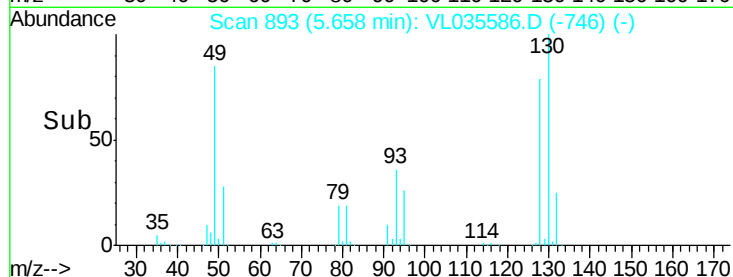
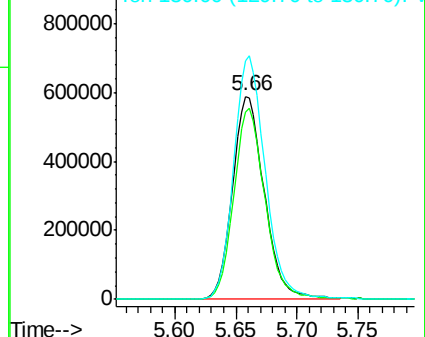
130 119.6 64.4 193.2



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: 7.17 min Scan# 1363

Delta R.T. -0.03 min

Lab File: VL035586.D

Acq: 10 Sep 2020 16:33

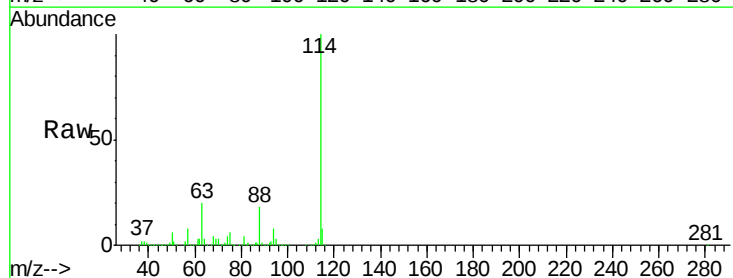
Tgt Ion: 114 Resp: 4342247

Ion Ratio Lower Upper

114 100

63 18.9 14.7 22.1

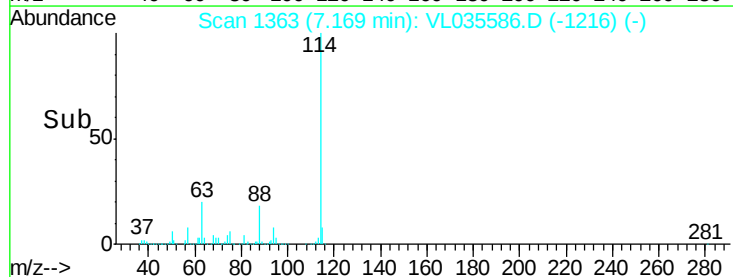
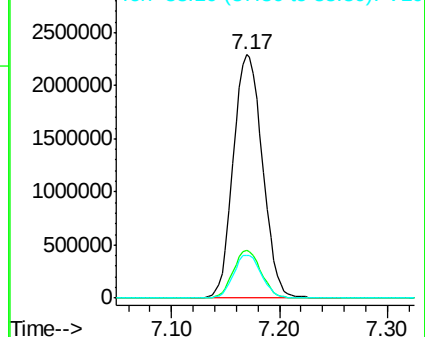
88 17.0 13.4 20.2

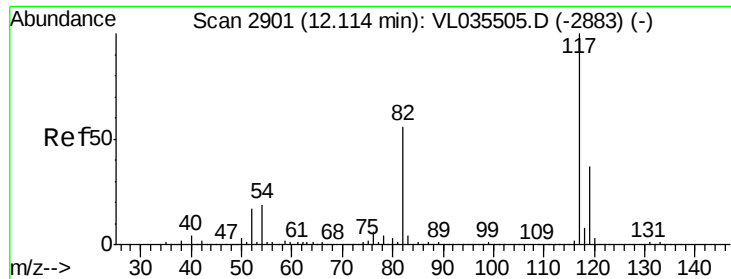


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

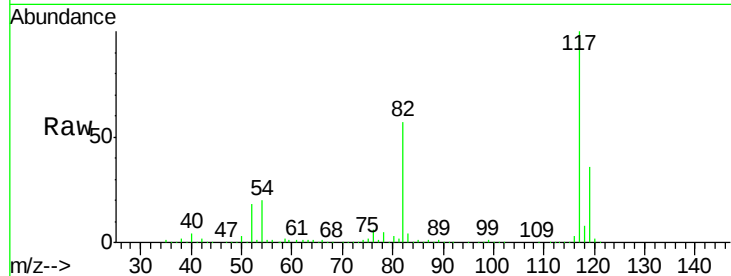




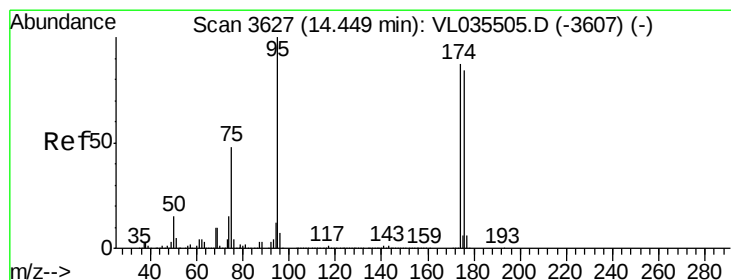
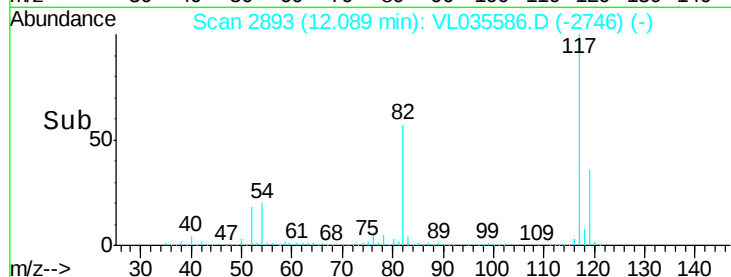
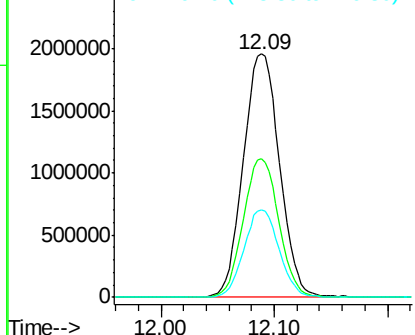
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.03 min
Lab File: VL035586.D
Acq: 10 Sep 2020 16:33

Instrument :
MSVOA_L
ClientSampled :
CAN 10154

Tot Ion:117 Resp: 4364183
Ion Ratio Lower Upper
117 100
82 56.3 41.6 62.4
119 35.0 29.3 43.9

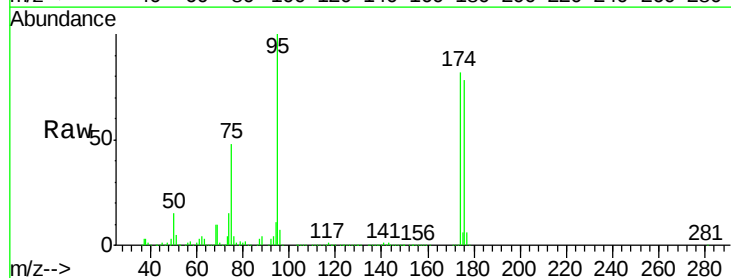


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.600 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. -0.03 min
Lab File: VL035586.D
Acq: 10 Sep 2020 16:33

Tgt Ion: 95 Resp: 3285173
Ion Ratio Lower Upper
95 100
174 82.8 69.6 104.4
175 5.9 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

