

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082320\
Data File : VL035496.D
Acq On : 23 Aug 2020 11:22
Operator : SY/AP
Sample : VSTDICC0.03
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Quant Time: Aug 23 12:08:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LSun Aug 23 10:33:49 2020
QLast Update : Sun Aug 23 10:33:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1016826	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4394589	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4414864	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3200098	10.35	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.50%

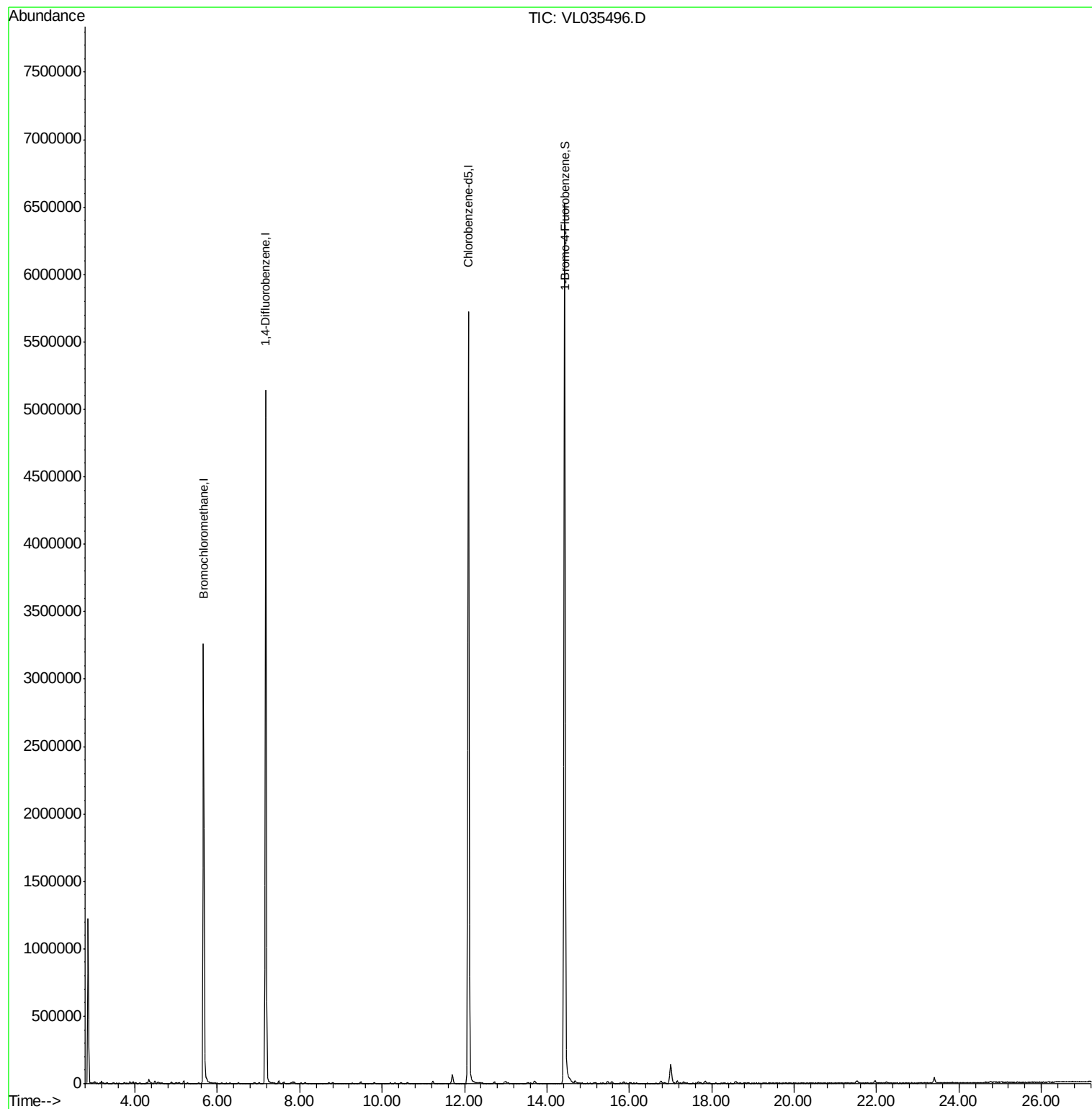
Target Compounds	Ovalue
------------------	--------

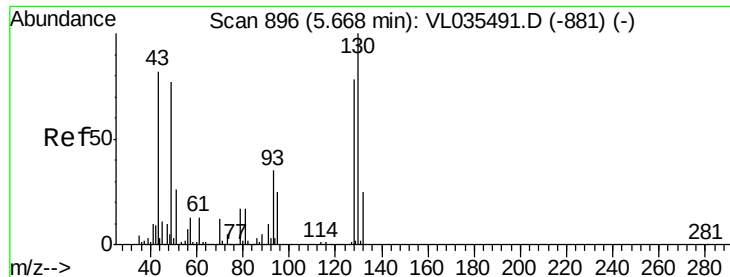
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL082320\
Data File : VL035496.D
Acq On : 23 Aug 2020 11:22
Operator : SY/AP
Sample : VSTDICC0.03
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Quant Time: Aug 23 12:08:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL082320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Sun Aug 23 10:33:49 2020
QLast Update : Sun Aug 23 10:33:49 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.00 min

Lab File: VL035496.D

Acq: 23 Aug 2020 11:22

Instrument :

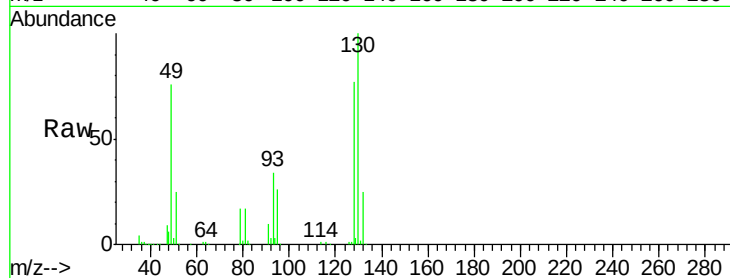
MSVOA_L

ClientSampleId :

VSTDIC0.03

Tot Ion: 49 Resp: 1016826

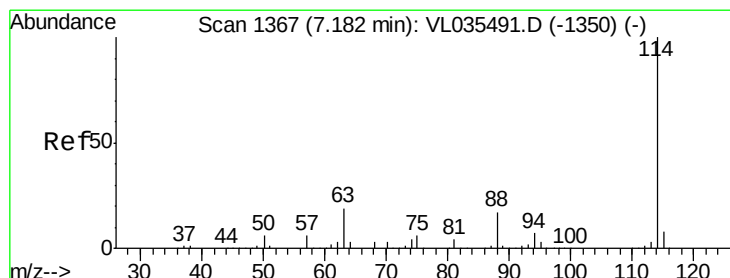
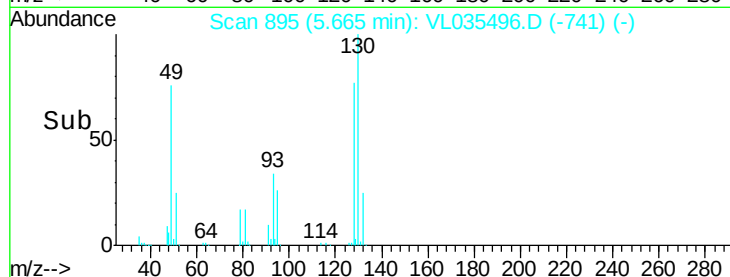
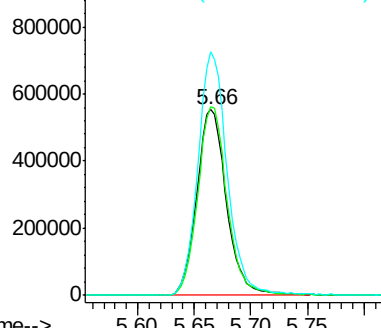
Ion	Ratio	Lower	Upper
49	100		
128	100.6	51.6	154.9
130	130.0	66.1	198.4



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: 7.18 min Scan# 1365

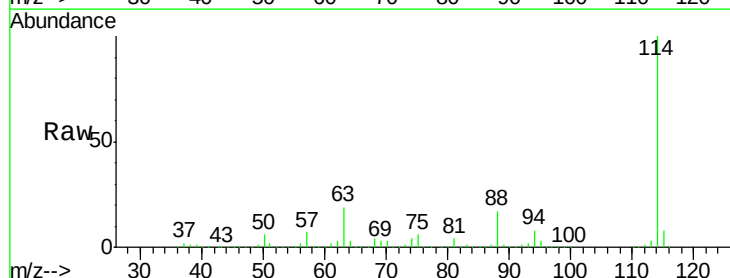
Delta R.T. -0.01 min

Lab File: VL035496.D

Acq: 23 Aug 2020 11:22

Tgt Ion: 114 Resp: 4394589

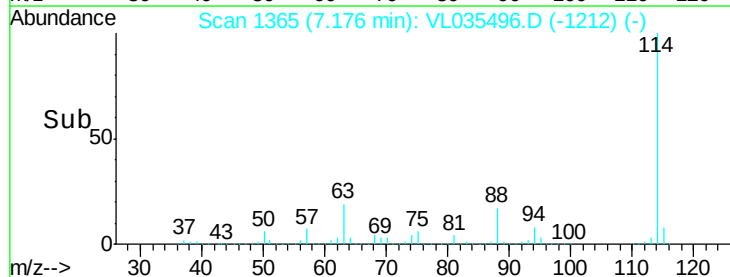
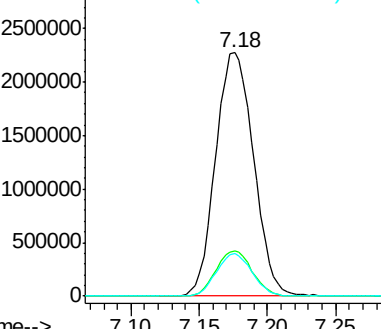
Ion	Ratio	Lower	Upper
114	100		
63	17.9	14.3	21.5
88	16.6	13.2	19.8

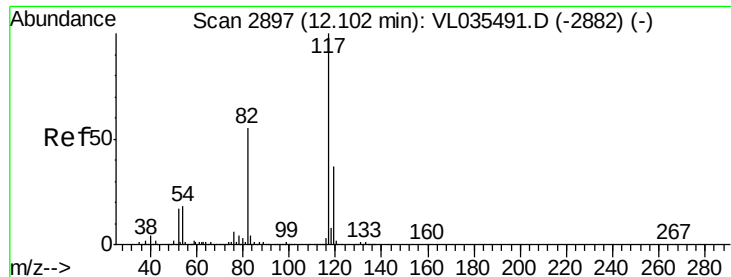


Abundance Ion 114.10 (113.80 to 114.80): VL0

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: 12.10 min Scan# 2895

Delta R.T. -0.01 min

Lab File: VL035496.D

Acq: 23 Aug 2020 11:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

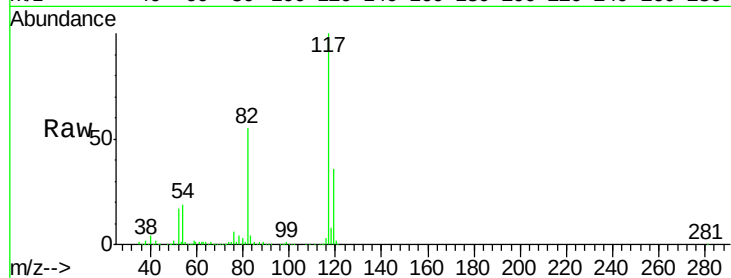
Tot Ion:117 Resp: 4414864

Ion Ratio Lower Upper

117 100

82 54.1 43.9 65.9

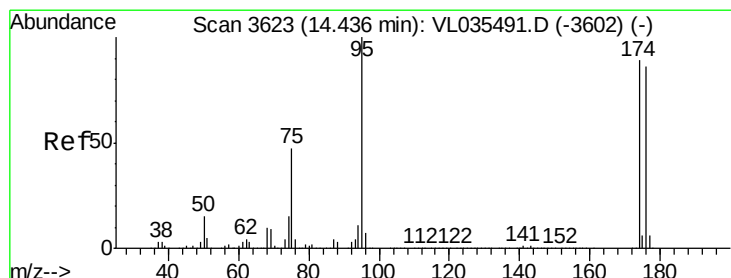
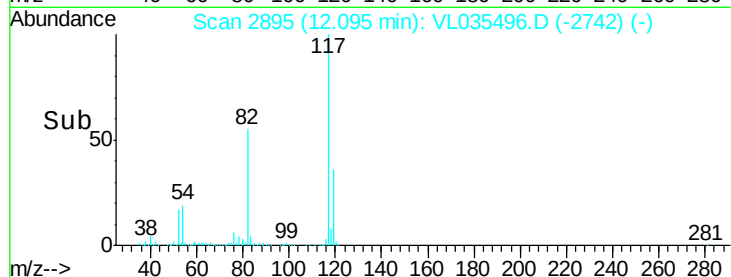
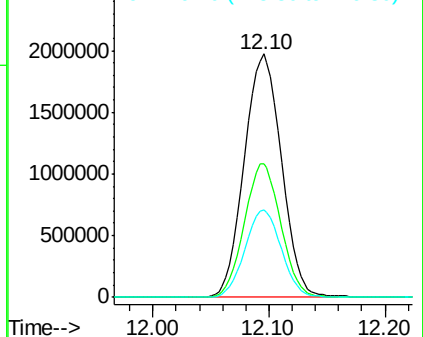
119 35.2 30.4 45.6



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: 10.354 ppbv

RT: 14.43 min Scan# 3621

Delta R.T. -0.01 min

Lab File: VL035496.D

Acq: 23 Aug 2020 11:22

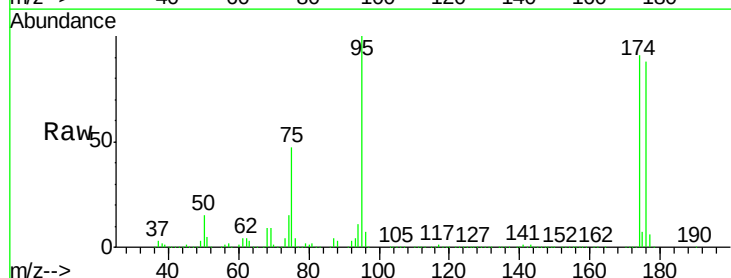
Tgt Ion: 95 Resp: 3200098

Ion Ratio Lower Upper

95 100

174 92.1 70.9 106.3

175 6.7 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

