

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012821\
Data File : VL036289.D
Acq On : 29 Jan 2021 10:16
Operator : SY/AP
Sample : OC012821 CAN 10451
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC012821 CAN 10451

Quant Time: Jan 31 17:30:03 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
QLast Update : Thu Jan 14 16:13:38 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1462281	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3321682	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3011046	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2537234	10.18	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.80%

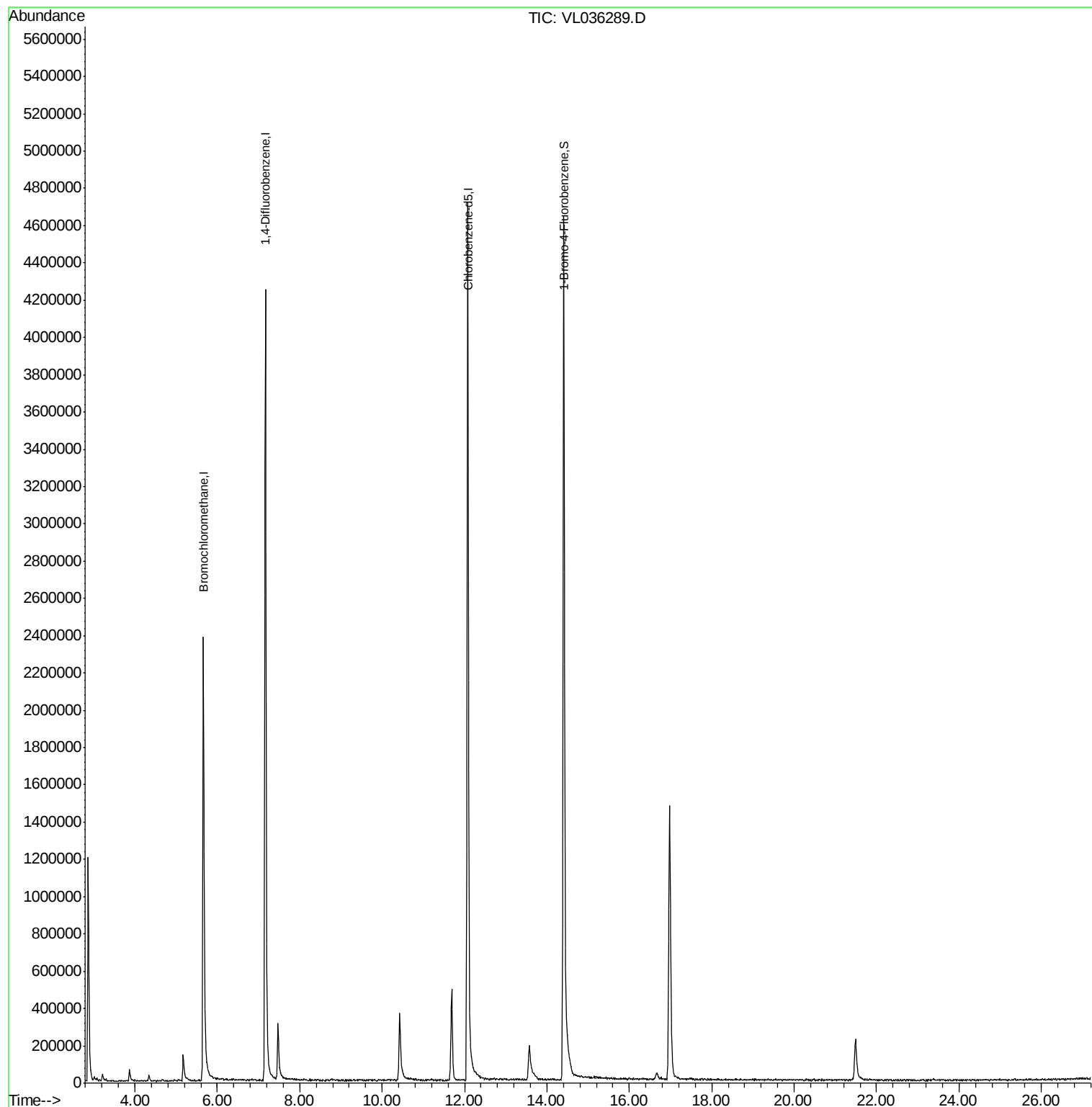
Target Compounds	Ovalue
------------------	--------

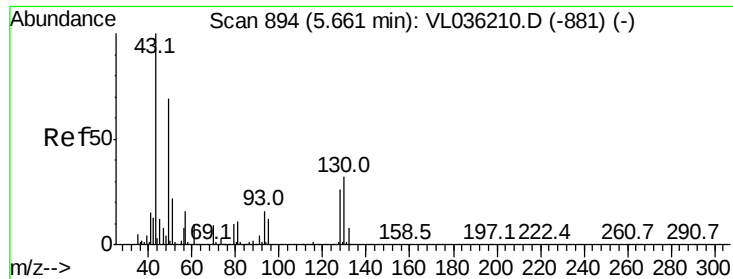
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL012821\
Data File : VL036289.D
Acq On : 29 Jan 2021 10:16
Operator : SY/AP
Sample : OC012821 CAN 10451
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC012821 CAN 10451

Quant Time: Jan 31 17:30:03 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
QLast Update : Thu Jan 14 16:13:38 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.00 min

Lab File: VL036289.D

Acq: 29 Jan 2021 10:16

Instrument :

MSVOA_L

ClientSampleId :

QC012821 CAN 10451

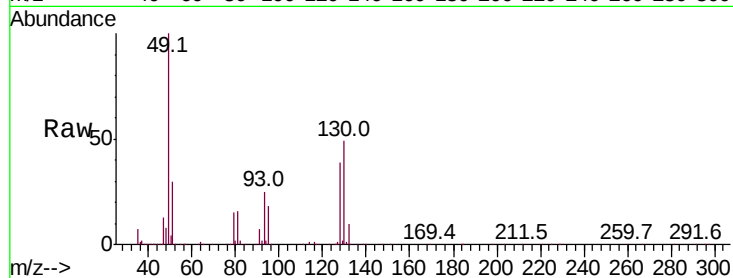
Tot Ion: 49 Resp: 1462281

Ion	Ratio	Lower	Upper
49	100		
128	43.2	20.1	60.2
130	56.6	25.3	75.9

49 100

128 43.2 20.1 60.2

130 56.6 25.3 75.9



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

800000

600000

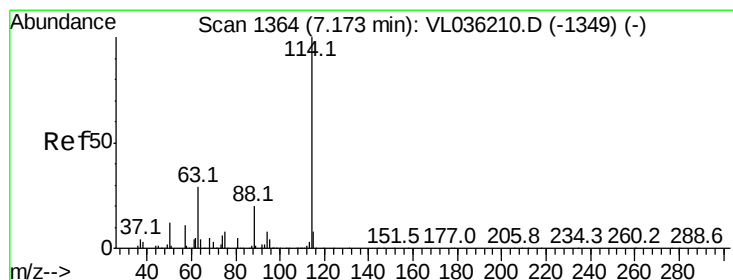
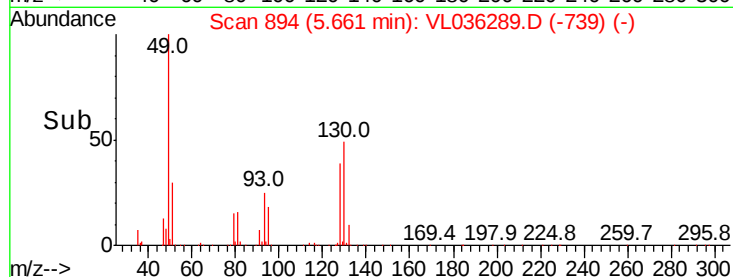
400000

200000

0

5.60 5.65 5.70

Time-->



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VL036289.D

Acq: 29 Jan 2021 10:16

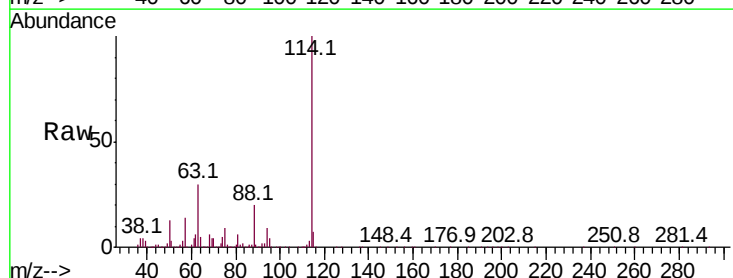
Tgt Ion: 114 Resp: 3321682

Ion	Ratio	Lower	Upper
114	100		
63	30.4	24.7	37.1
88	20.3	16.6	24.8

114 100

63 30.4 24.7 37.1

88 20.3 16.6 24.8



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

2000000

1500000

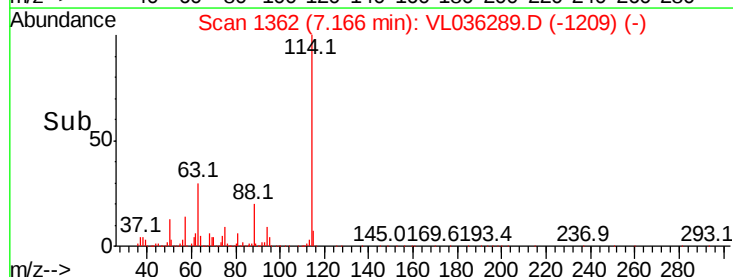
1000000

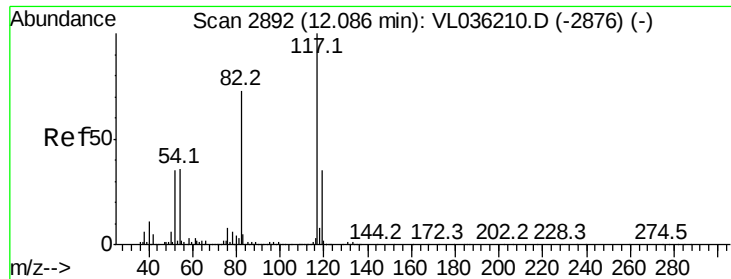
500000

0

7.10 7.20 7.30

Time-->

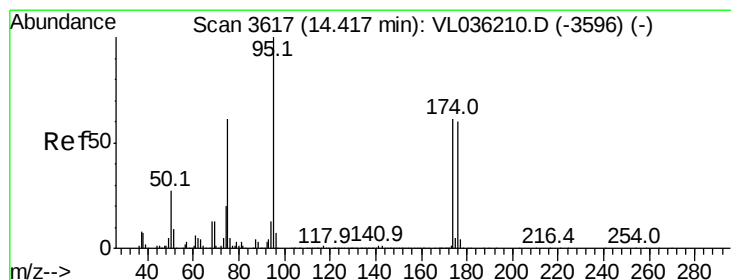
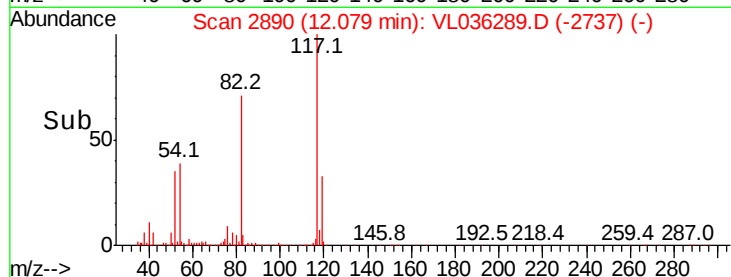
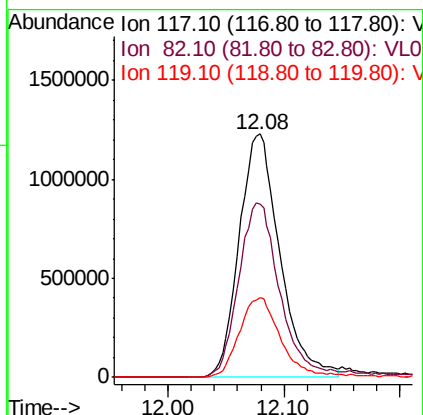
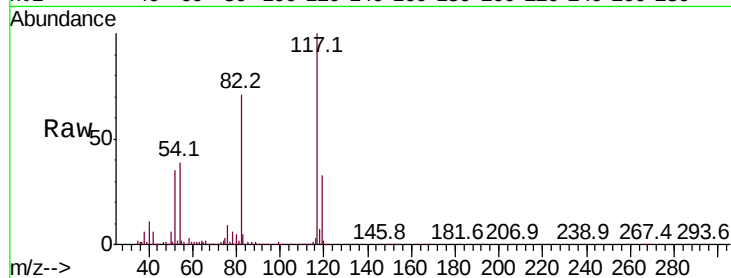




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. -0.01 min
Lab File: VL036289.D
Acq: 29 Jan 2021 10:16

Instrument :
MSVOA_L
ClientSampleId :
QC012821 CAN 10451

Tot Ion:117 Resp: 3011046
Ion Ratio Lower Upper
117 100
82 75.1 59.7 89.5
119 34.4 28.6 43.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.180 ppbv
RT: 14.41 min Scan# 3615
Delta R.T. -0.01 min
Lab File: VL036289.D
Acq: 29 Jan 2021 10:16

Tgt Ion: 95 Resp: 2537234
Ion Ratio Lower Upper
95 100
174 63.2 49.4 74.0
175 4.4 3.8 5.8

