

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL020321\
 Data File : VL036311.D
 Acq On : 4 Feb 2021 2:33
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Feb 04 03:23:32 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	5.68	49	1549373	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	3270238	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	2982760	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2408254	9.75	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.50%

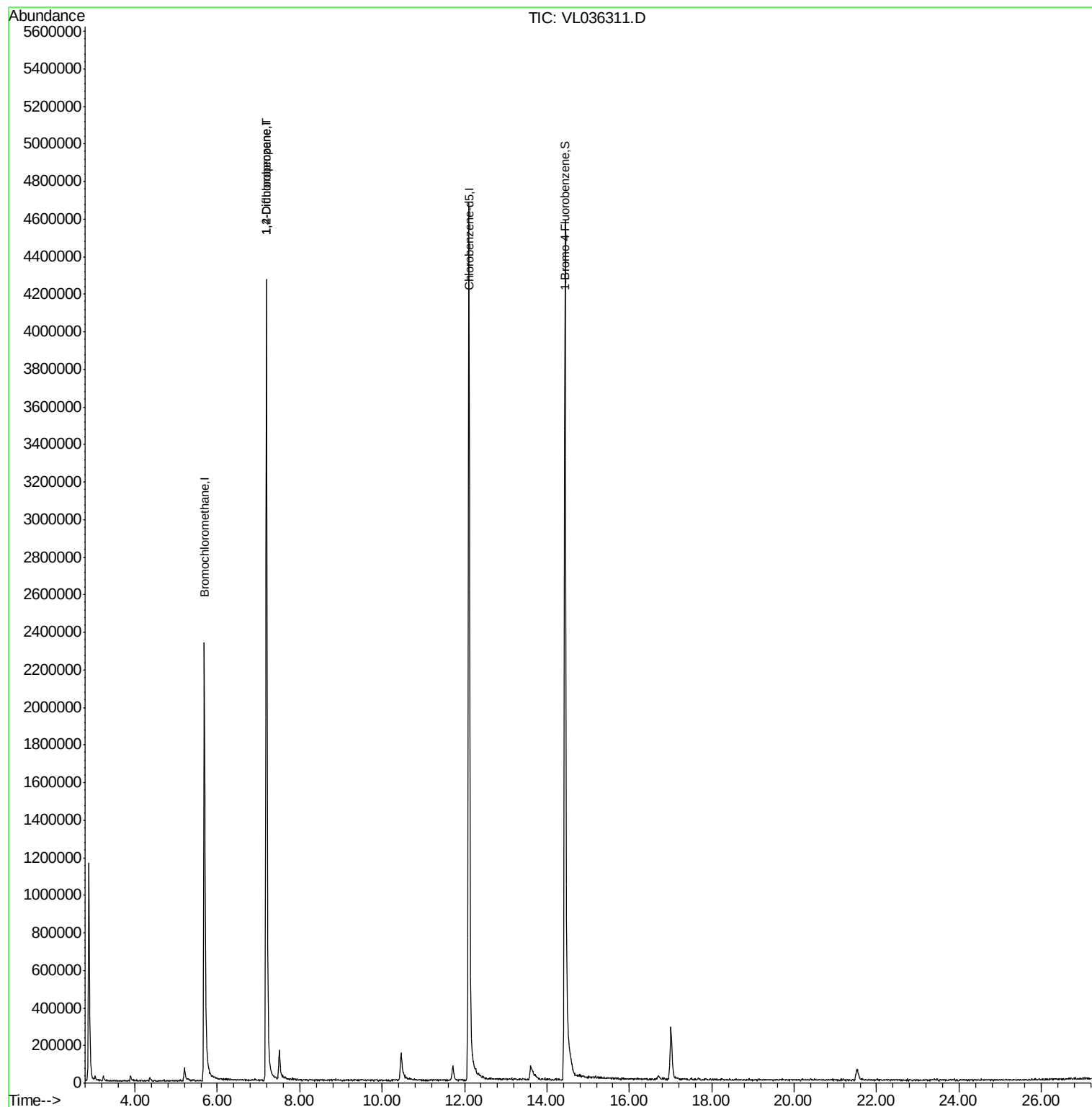
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
39) 1,2-Dichloropropane	7.19	63	979040	8.047	ppbv	# 23

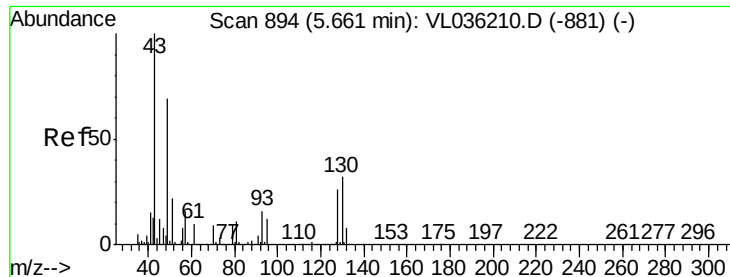
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. 0.02 min

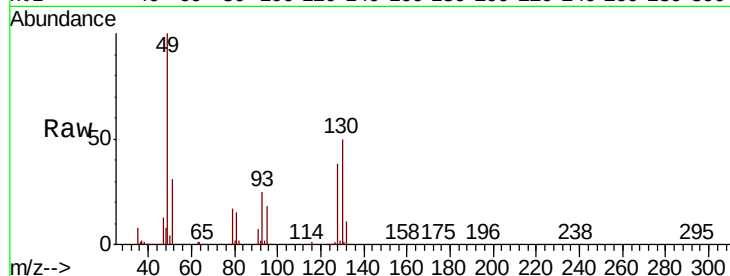
Lab File: VL036311.D

Acq: 4 Feb 2021 2:33

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 49 Resp: 1549373

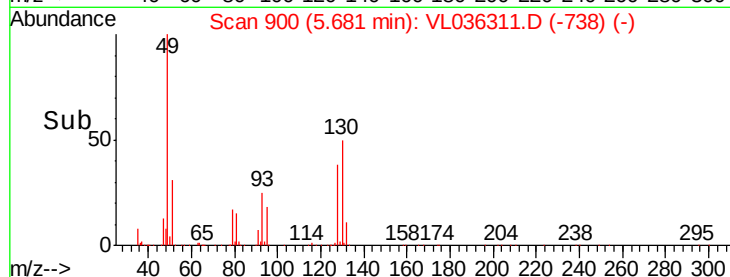
Ion	Ratio	Lower	Upper
49	100		
128	41.1	20.1	60.2
130	52.2	25.3	75.9



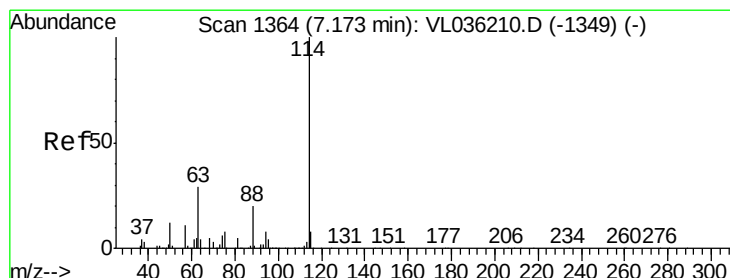
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



Time-->



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1370

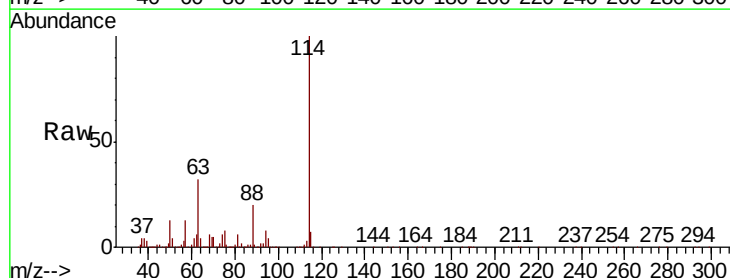
Delta R.T. 0.02 min

Lab File: VL036311.D

Acq: 4 Feb 2021 2:33

Tgt Ion: 114 Resp: 3270238

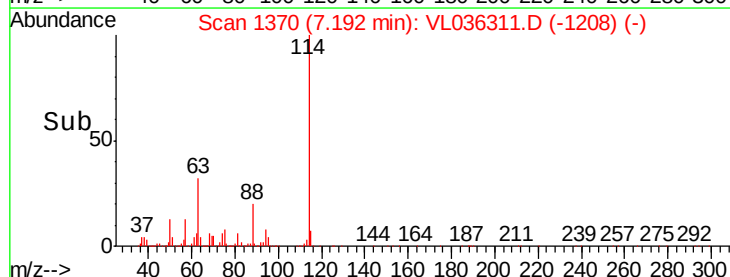
Ion	Ratio	Lower	Upper
114	100		
63	31.3	24.7	37.1
88	20.6	16.6	24.8



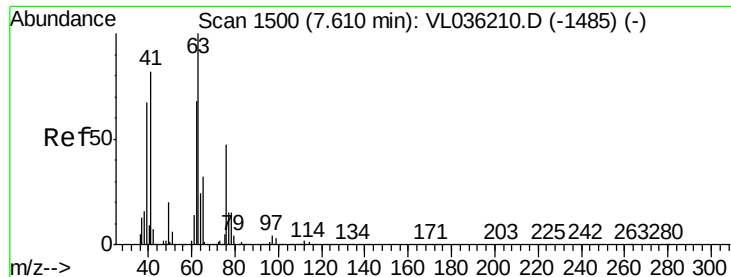
Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



Time-->



#39

1,2-Dichloropropane

Concen: 8.047 ppbv

RT: 7.19 min Scan# 1370

Delta R.T. -0.42 min

Lab File: VL036311.D

Acq: 4 Feb 2021 2:33

Instrument :

MSVOA_L

ClientSampleId :

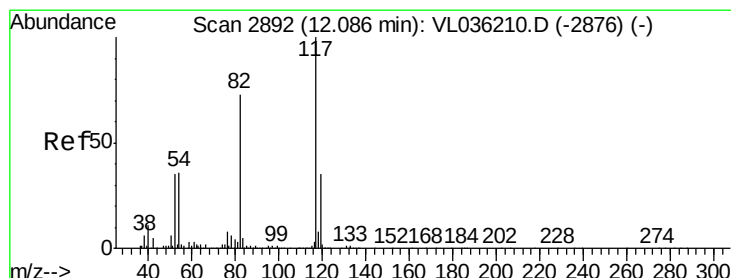
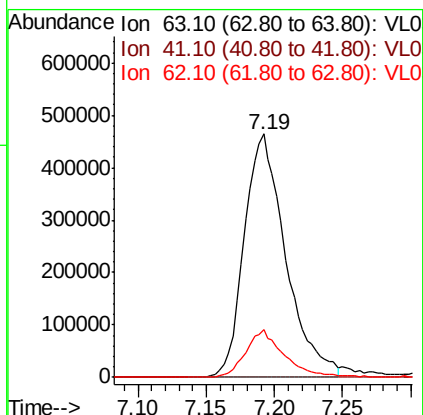
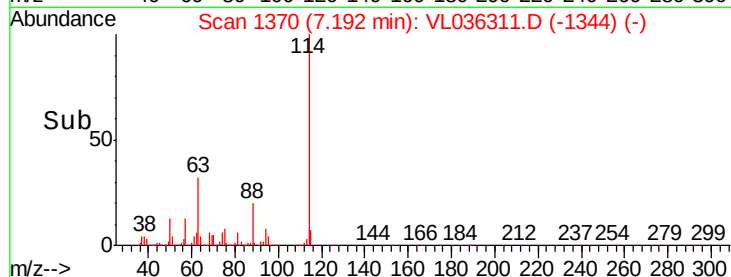
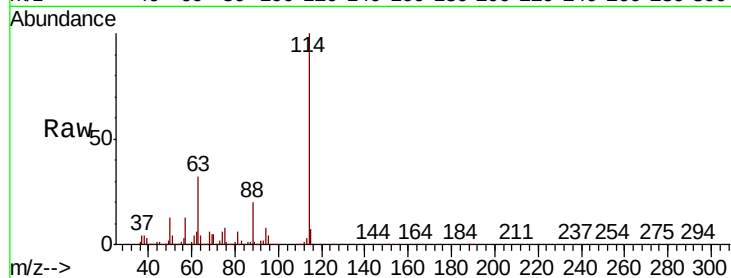
Tot Ion: 63 Resp: 979040

Ion Ratio Lower Upper

63 100

41 0.3 66.1 99.1#

62 19.6 54.8 82.2#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2898

Delta R.T. 0.02 min

Lab File: VL036311.D

Acq: 4 Feb 2021 2:33

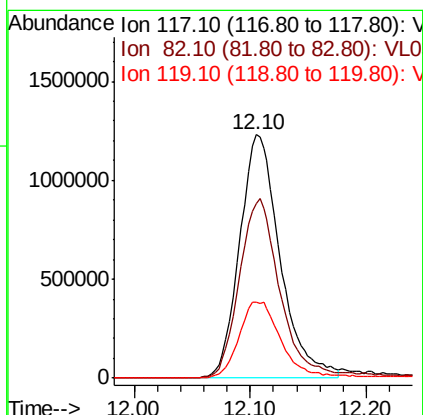
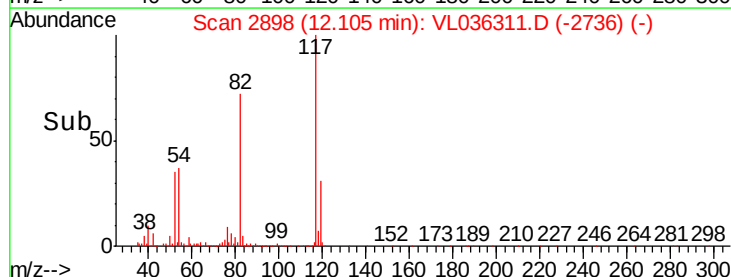
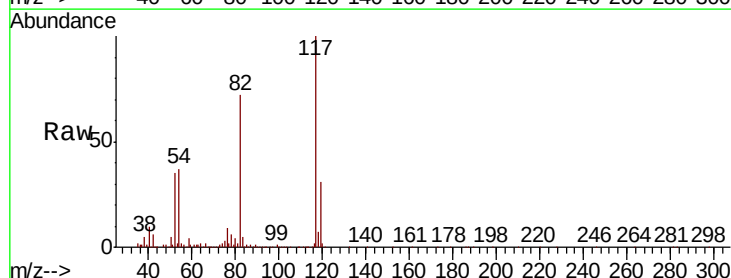
Tgt Ion: 117 Resp: 2982760

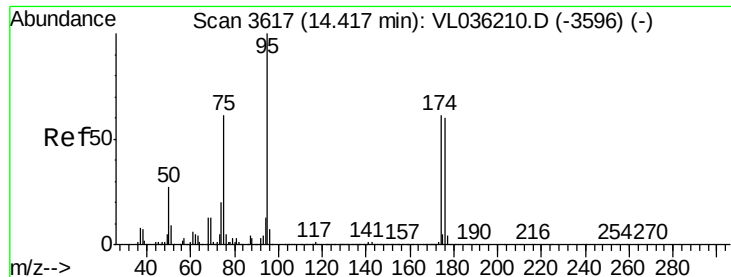
Ion Ratio Lower Upper

117 100

82 77.0 59.7 89.5

119 33.6 28.6 43.0





#68

1-Bromo-4-Fluorobenzene

Concen: 9.754 ppbv

RT: 14.44 min Scan# 3624

Delta R.T. 0.02 min

Lab File: VL036311.D

Acq: 4 Feb 2021 2:33

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 95 Resp: 2408254

Ion Ratio Lower Upper

95 100

174 66.7 49.4 74.0

175 4.8 3.8 5.8

