

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012821\
 Data File : VL036273.D
 Acq On : 28 Jan 2021 15:27
 Operator : SY/AP
 Sample : VL0128ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 29 02:25:26 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	1648239	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3486717	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3210416	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2653659	9.99	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.90%

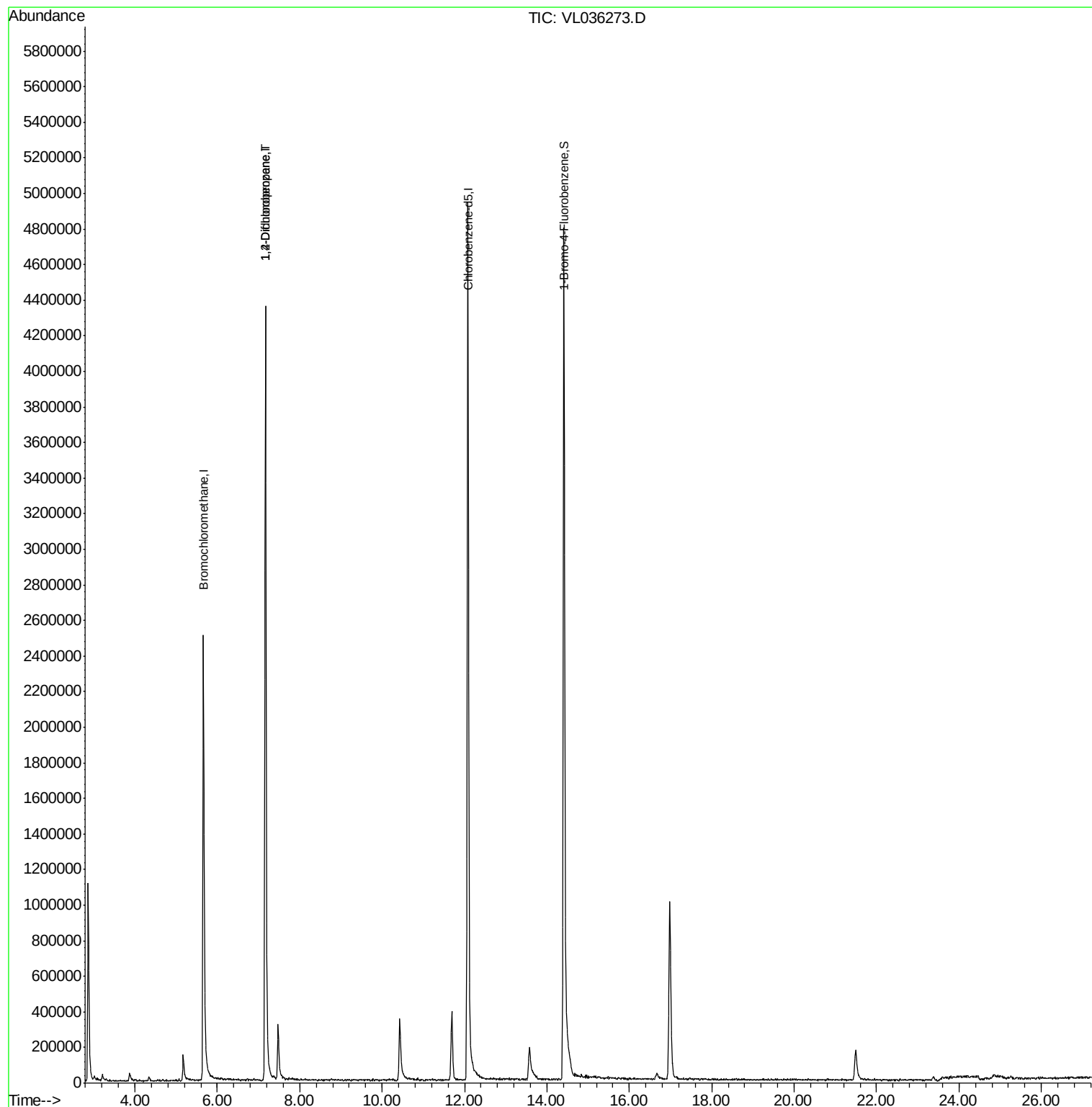
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
39) 1,2-Dichloropropane	7.17	63	1021505	7.875	ppbv	# 22

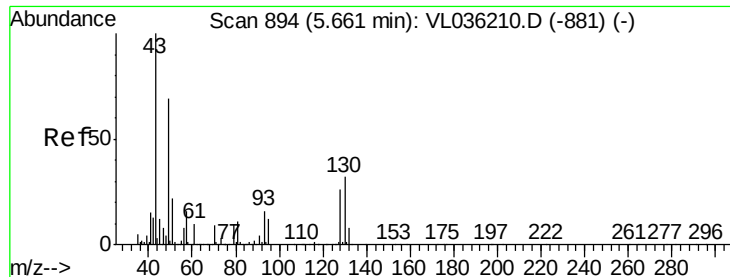
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 14 16:13:38 2021
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.00 min

Lab File: VL036273.D

Acq: 28 Jan 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :

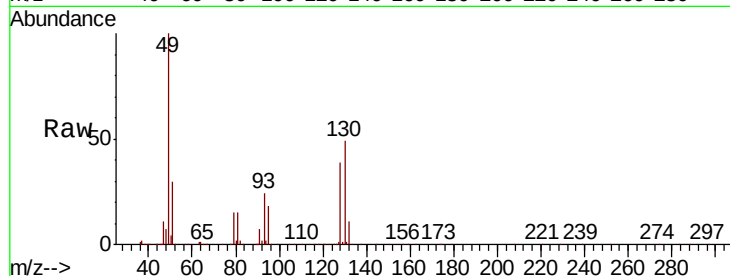
Tot Ion: 49 Resp: 1648239

Ion Ratio Lower Upper

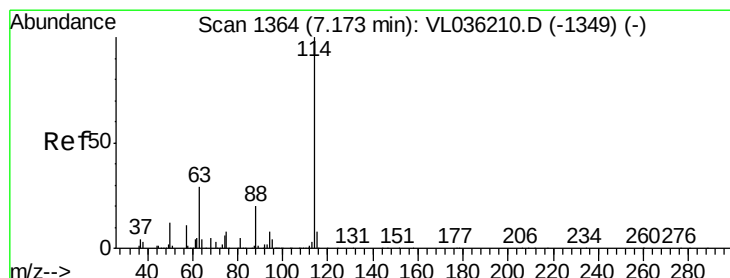
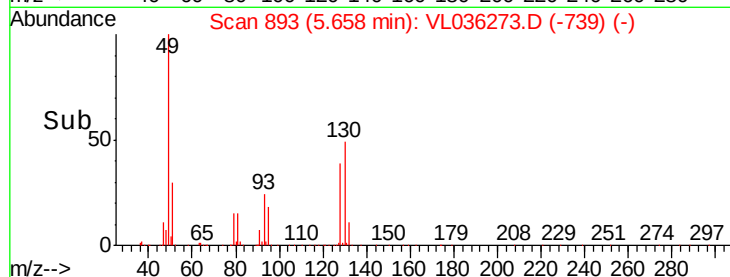
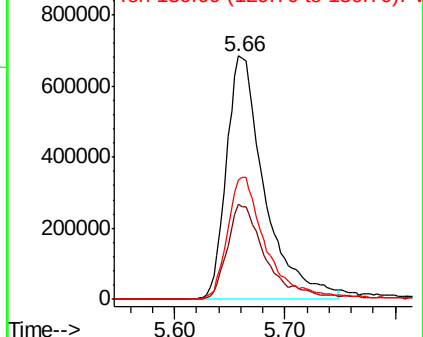
49 100

128 41.1 20.1 60.2

130 52.0 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



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VL036273.D

Acq: 28 Jan 2021 15:27

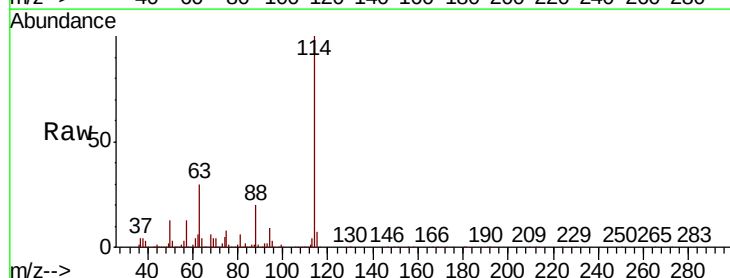
Tgt Ion: 114 Resp: 3486717

Ion Ratio Lower Upper

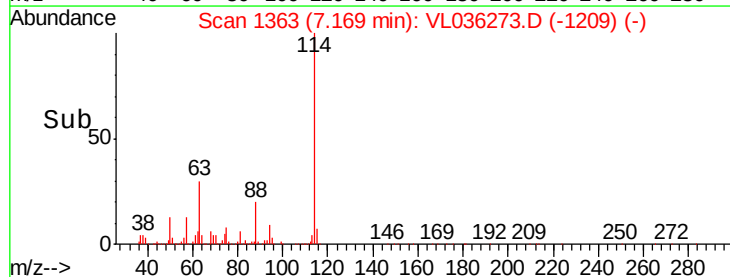
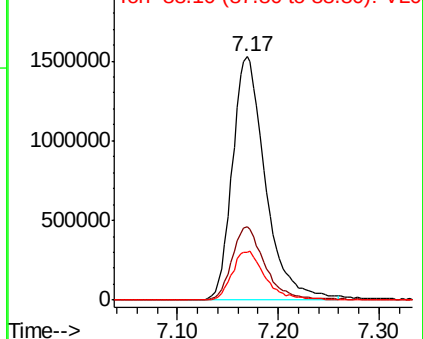
114 100

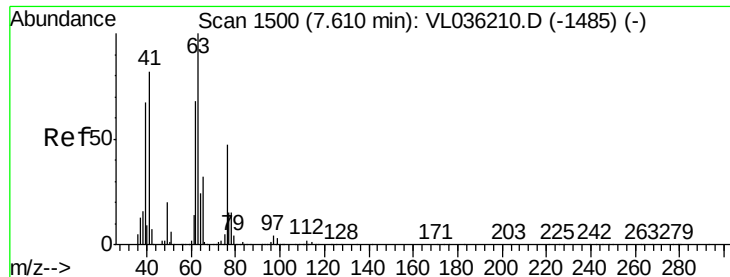
63 30.6 24.7 37.1

88 20.2 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

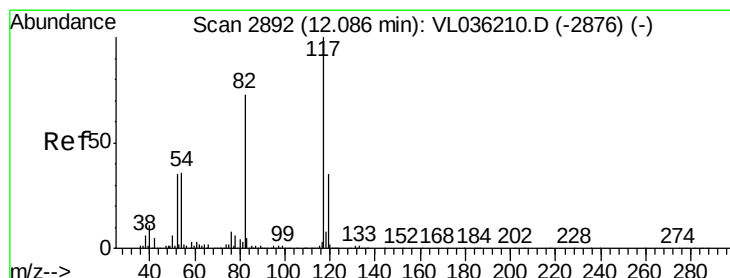
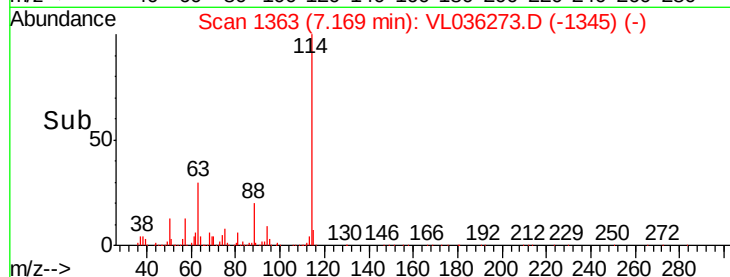
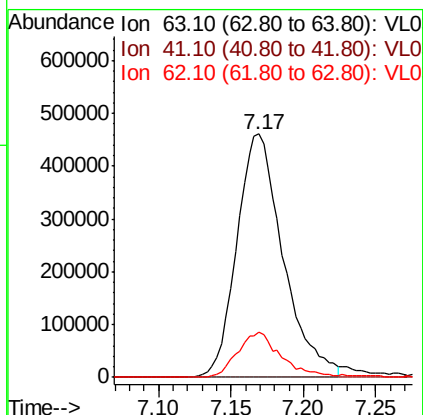
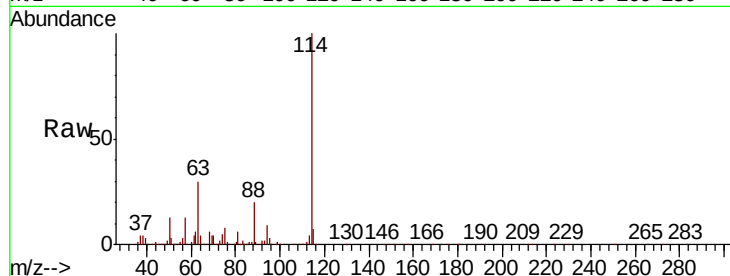




#39
 1,2-Dichloropropane
 Concen: 7.875 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.44 min
 Lab File: VL036273.D
 Acq: 28 Jan 2021 15:27

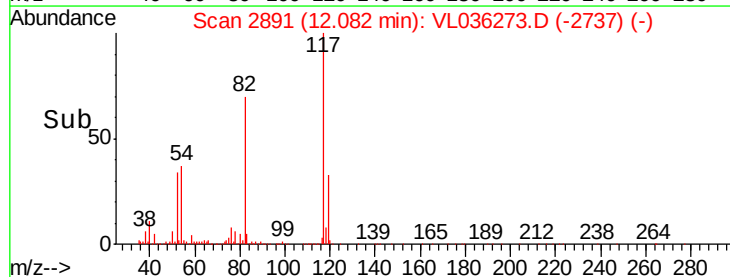
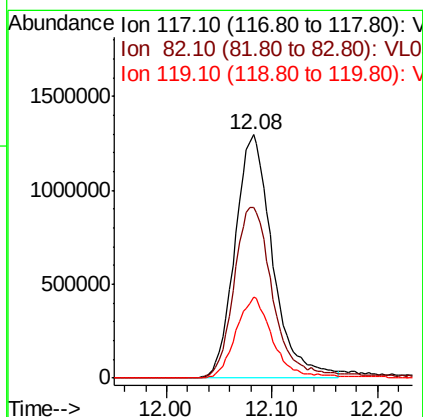
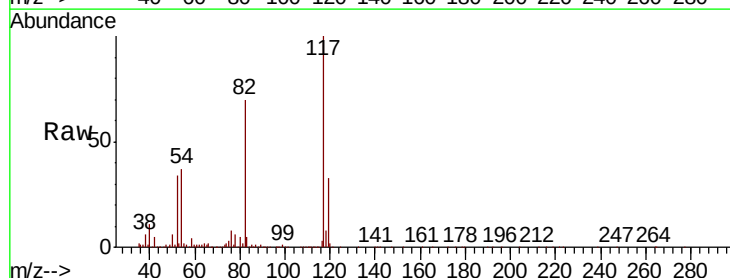
Instrument :
 MSVOA_L
 ClientSampleId :

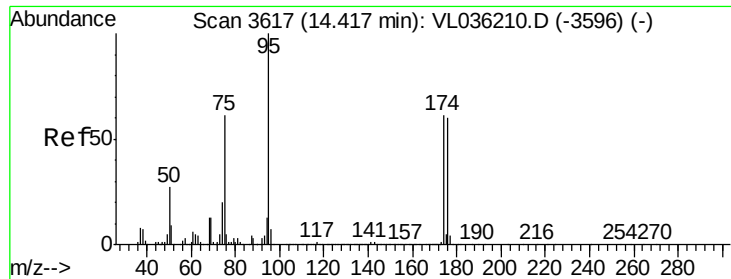
Tot Ion: 63 Resp: 1021505
 Ion Ratio Lower Upper
 63 100
 41 0.0 66.1 99.1#
 62 18.7 54.8 82.2#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min Scan# 2891
 Delta R.T. -0.00 min
 Lab File: VL036273.D
 Acq: 28 Jan 2021 15:27

Tgt Ion: 117 Resp: 3210416
 Ion Ratio Lower Upper
 117 100
 82 75.1 59.7 89.5
 119 33.7 28.6 43.0





#68

1-Bromo-4-Fluorobenzene

Concen: 9.986 ppbv

RT: 14.41 min Scan# 3615

Delta R.T. -0.01 min

Lab File: VL036273.D

Acq: 28 Jan 2021 15:27

Instrument :

MSVOA_L

ClientSampleId :

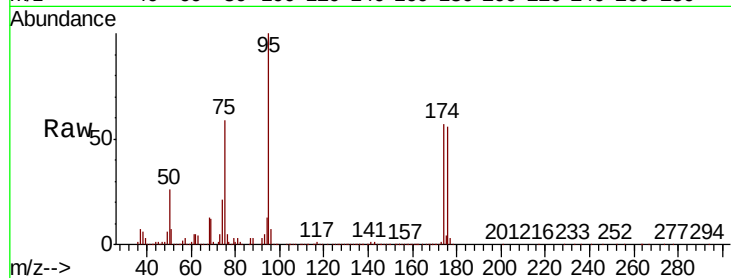
Tot Ion: 95 Resp: 2653659

Ion Ratio Lower Upper

95 100

174 63.8 49.4 74.0

175 4.5 3.8 5.8



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

