

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030422\
 Data File : VL038543.D
 Acq On : 4 Mar 2022 20:48
 Operator : SY/AP
 Sample : CAN 10054
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 05 04:59:56 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022
 QLast Update : Tue Feb 22 19:45:51 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	935100	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.14	114	2095633	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.04	117	1767288	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	1398546	9.56	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.60%

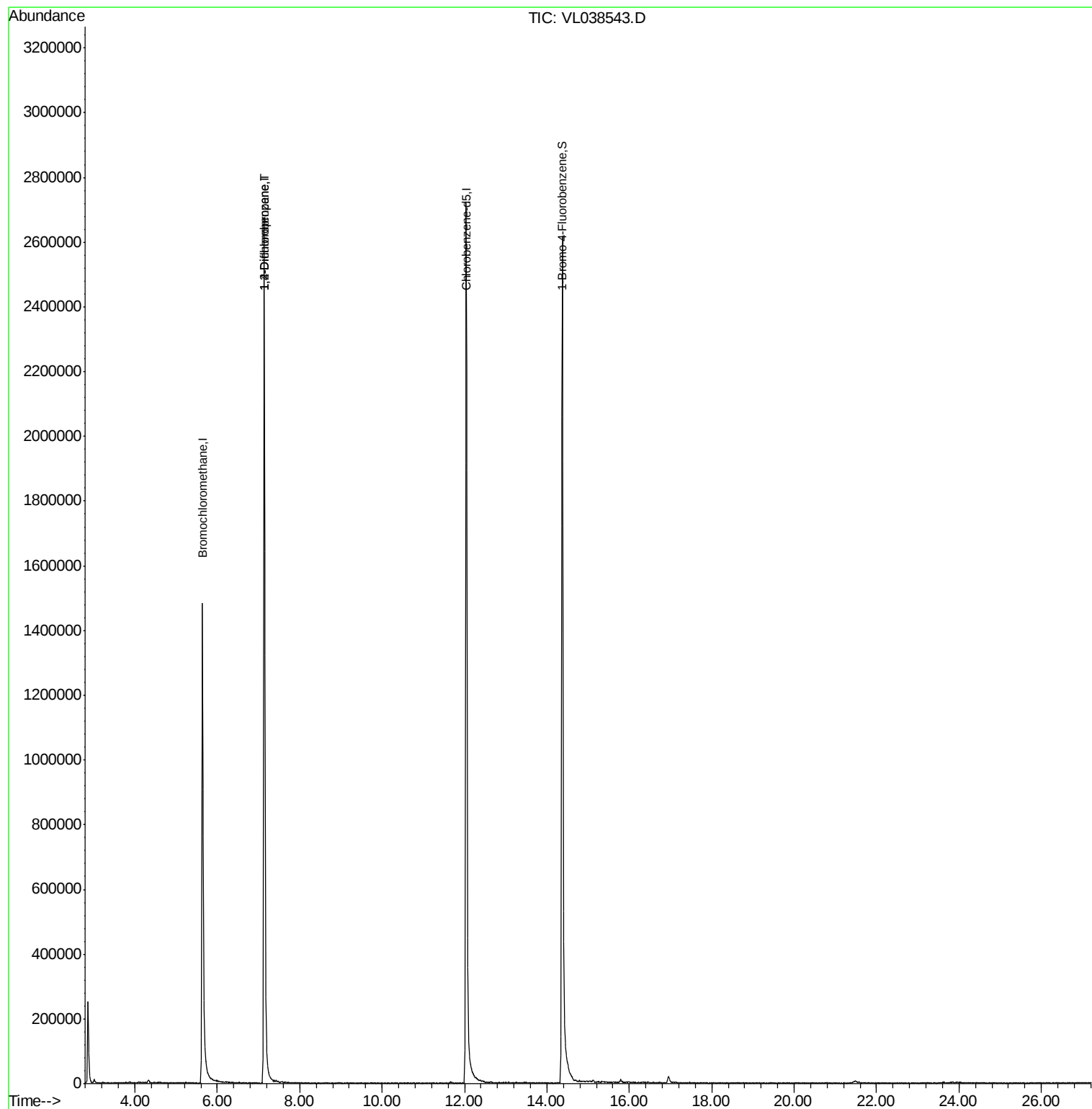
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
39) 1,2-Dichloropropane	7.14	63	589160	8.018	ppbv	# 26

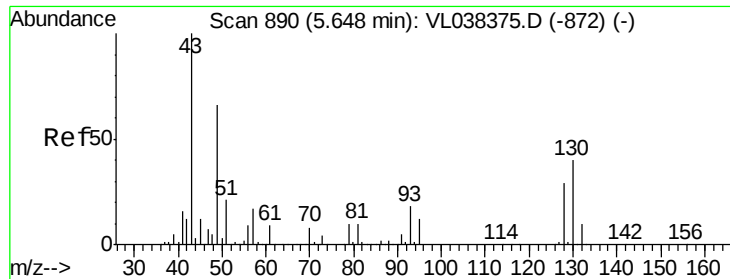
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 4 Mar 2022 20:48

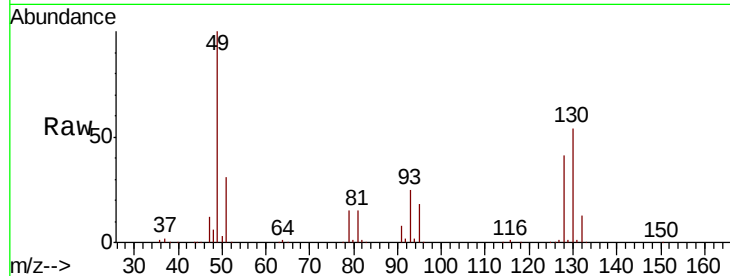
Tot Ion: 49 Resp: 935100

Ion Ratio Lower Upper

49 100

128 44.6 24.3 72.9

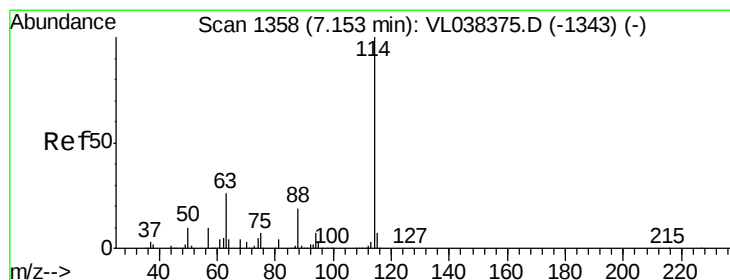
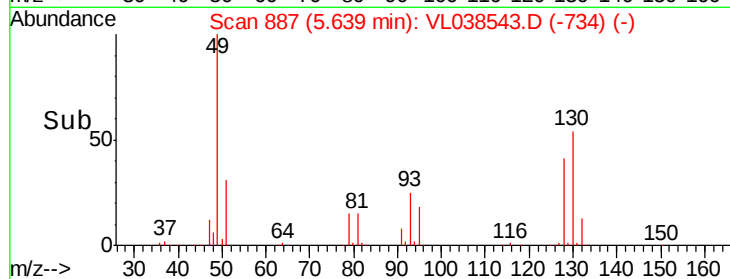
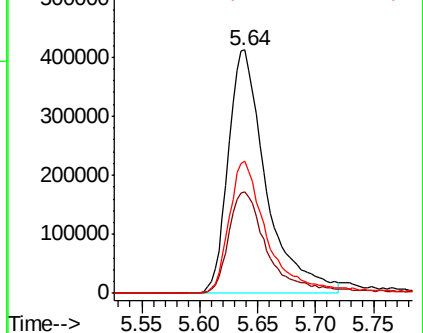
130 56.9 30.1 90.5



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.14 min Scan# 1354

Delta R.T. -0.01 min

Lab File: VL038543.D

Acq: 4 Mar 2022 20:48

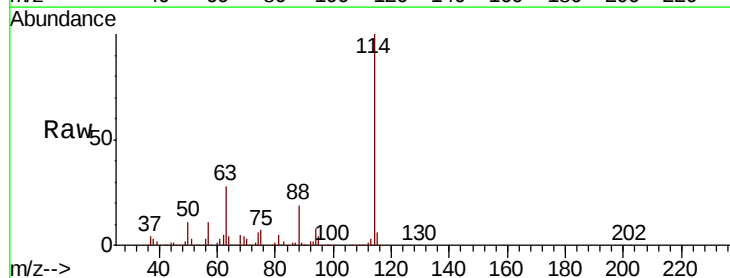
Tgt Ion:114 Resp: 2095633

Ion Ratio Lower Upper

114 100

63 28.8 22.2 33.2

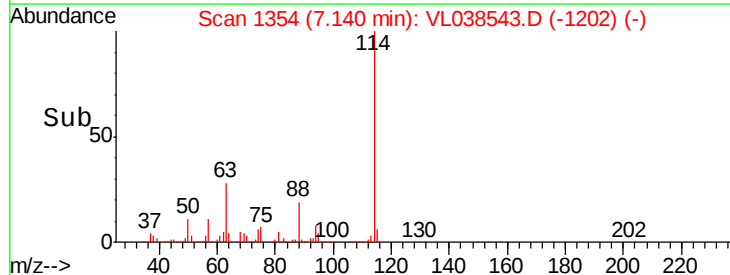
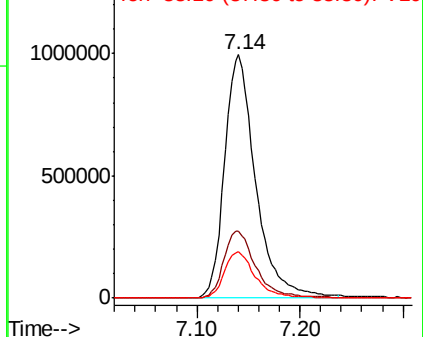
88 19.3 15.2 22.8

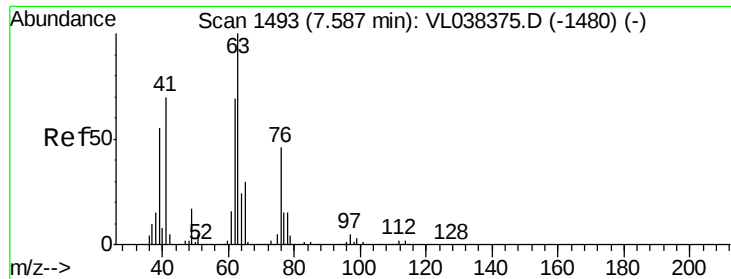


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

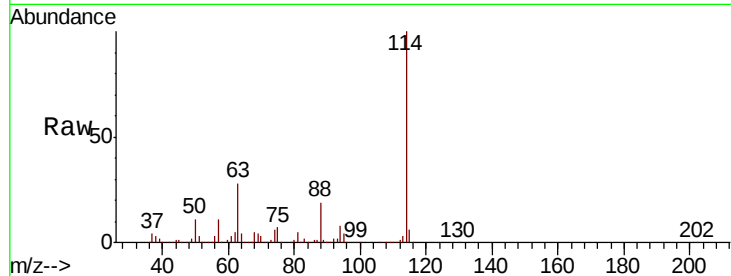
Ion 88.10 (87.80 to 88.80): VL0





#39
 1,2-Dichloropropane
 Concen: 8.018 ppbv
 RT: 7.14
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 Acq: 4 Mar 2022 20:48

Tot Ion	63	Resp	589160
Ion Ratio	Lower	Upper	
63	100		
41	0.1	56.1	84.1#
62	18.5	55.5	83.3#

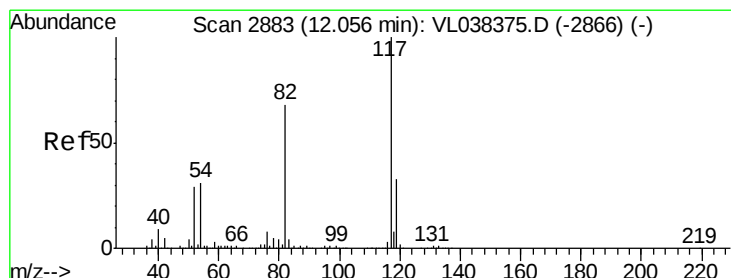
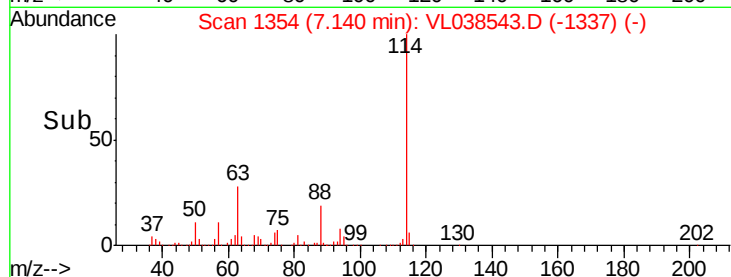
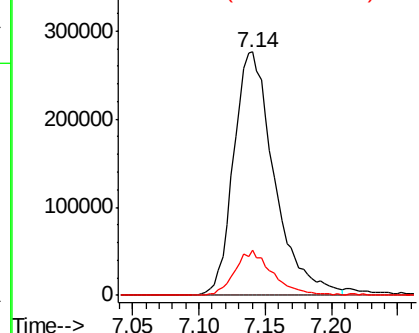


Abundance

Ion 63.10 (62.80 to 63.80): VL0

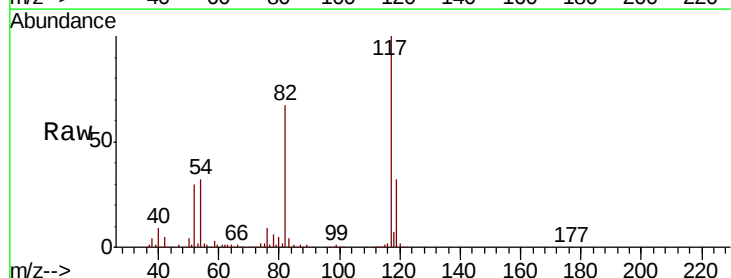
Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.04 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: VL038543.D
 Acq: 4 Mar 2022 20:48

Tgt Ion	117	Resp	1767288
Ion Ratio	Lower	Upper	
117	100		
82	74.5	54.9	82.3
119	33.6	46.1	69.1#

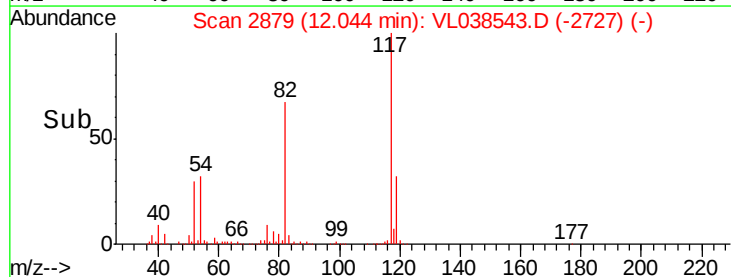
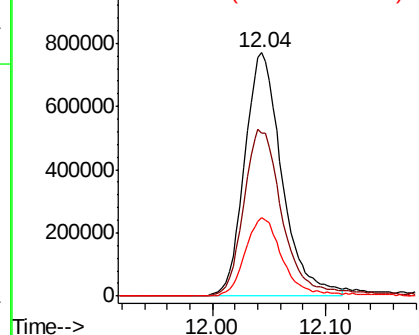


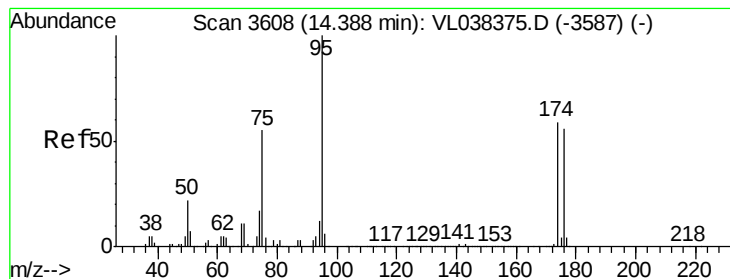
Abundance

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: 9.564 ppbv

RT: 14.37

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 4 Mar 2022 20:48

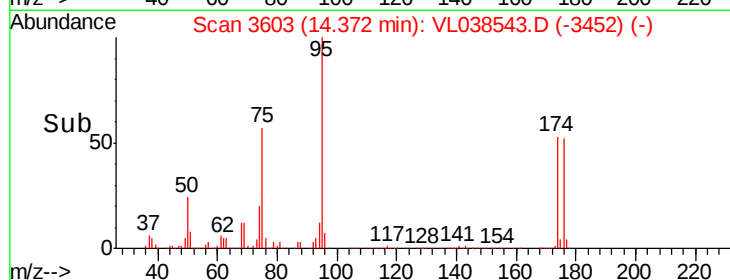
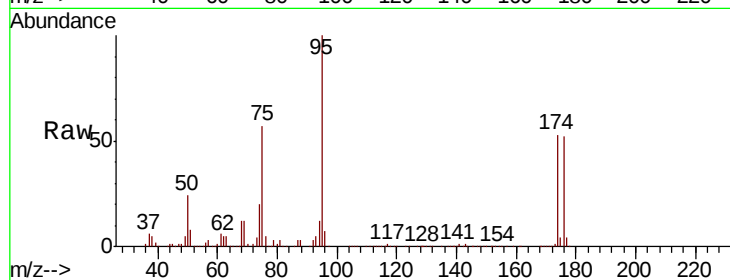
Tot Ion: 95 Resp: 1398546

Ion Ratio Lower Upper

95 100

174 59.5 49.0 73.4

175 4.0 3.6 5.4



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

