

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030222\
Data File : VL038476.D
Acq On : 2 Mar 2022 11:09
Operator : SY/AP
Sample : VL0302ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0302ABL01

Quant Time: Mar 02 22:34:57 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	5.66	49	914756	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.17	114	2208102	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.08	117	1871637	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1523916	9.84	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.40%

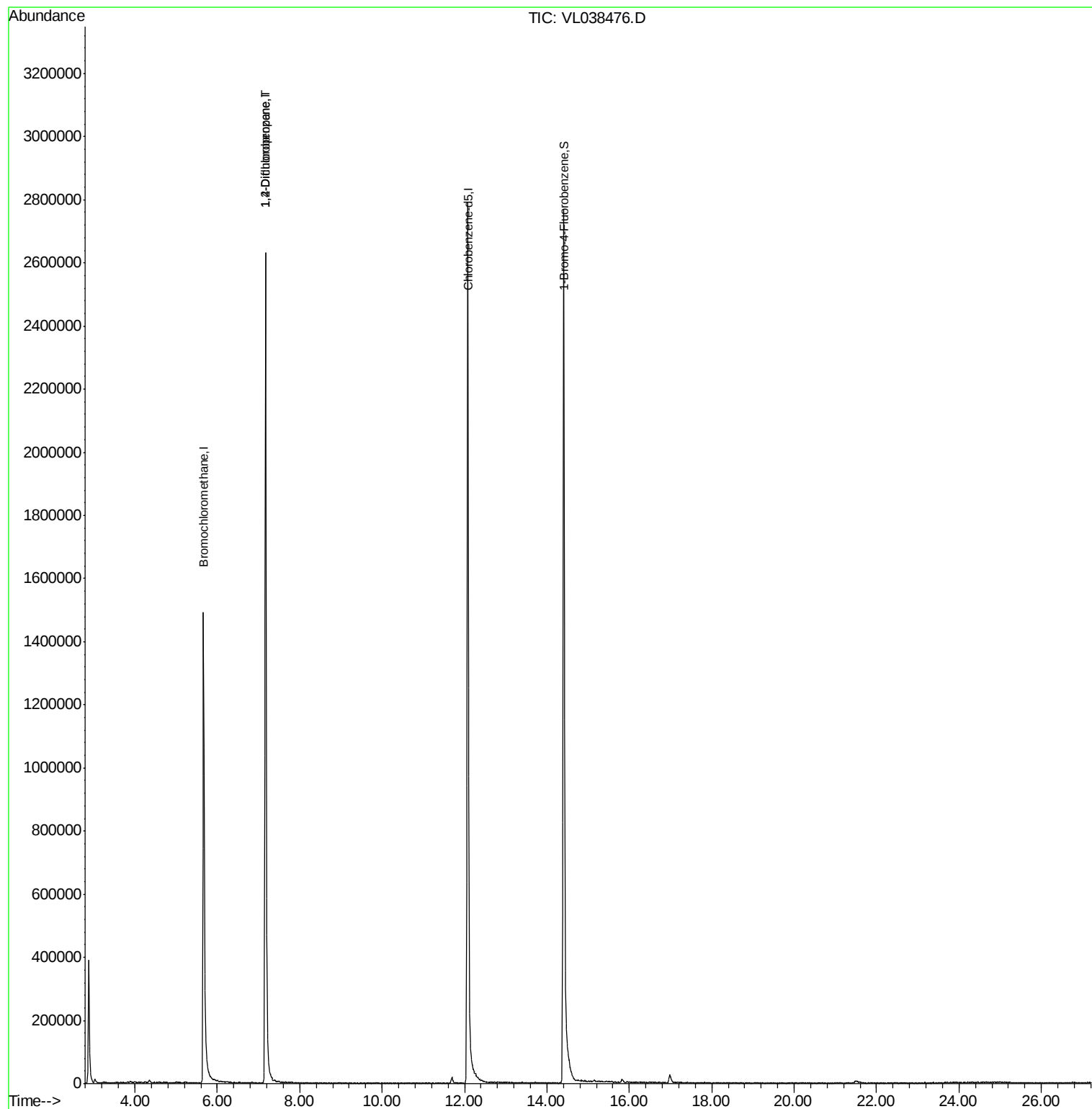
Target Compounds					Qvalue
39) 1,2-Dichloropropane	7.17	63	591403	7.64	ppbv # 25

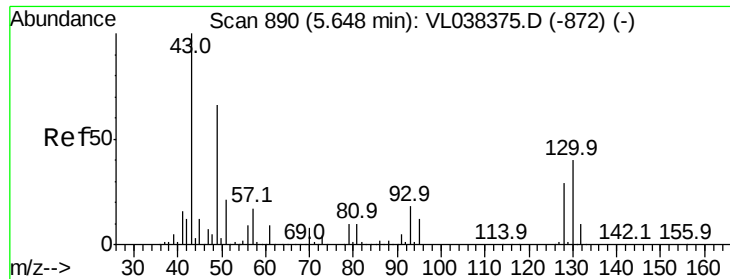
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. 0.02 min

Lab File: VL0302ABL01

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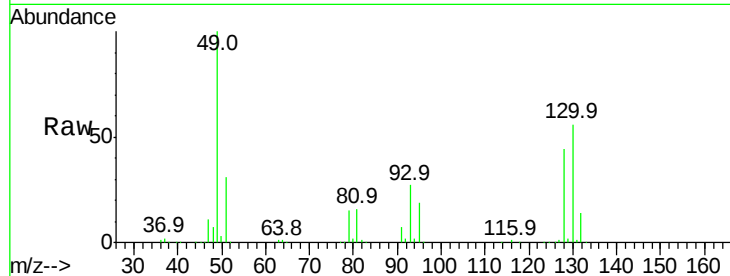
Tgt Ion: 49 Resp: 914756

Ion Ratio Lower Upper

49 100

128 47.5 24.3 72.9

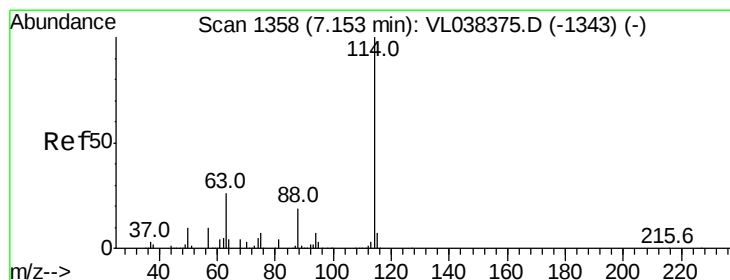
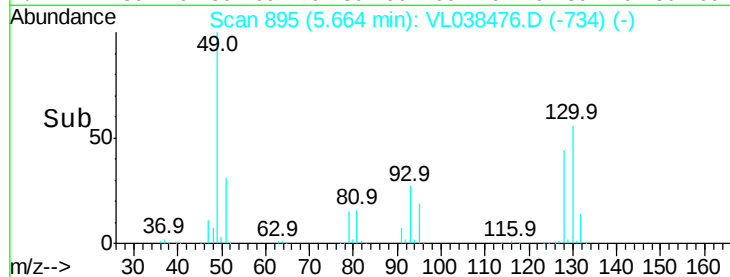
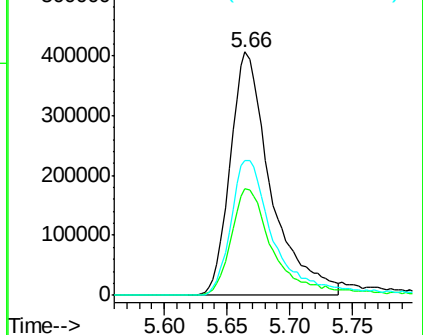
130 61.3 30.1 90.5



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: 10.00 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. 0.02 min

Lab File: VL038476.D

Acq: 2 Mar 2022 11:09

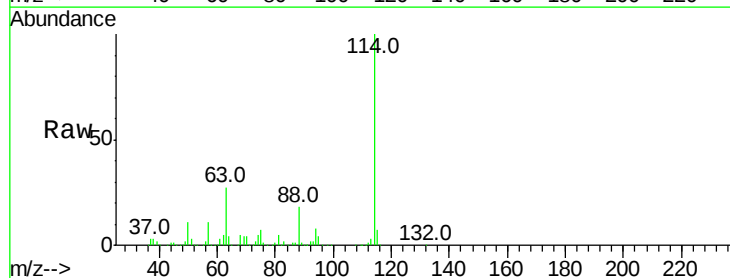
Tgt Ion: 114 Resp: 2208102

Ion Ratio Lower Upper

114 100

63 27.6 22.2 33.2

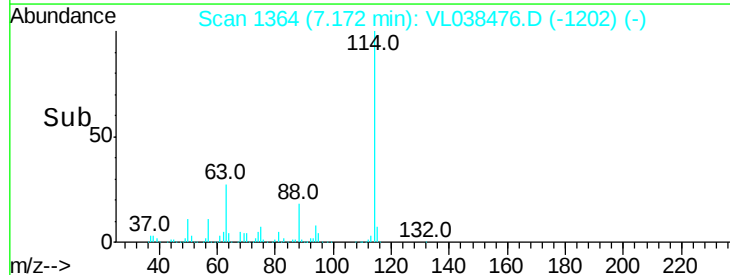
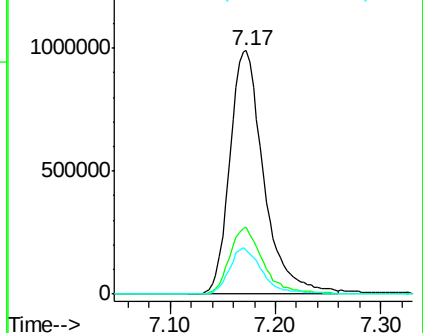
88 18.7 15.2 22.8

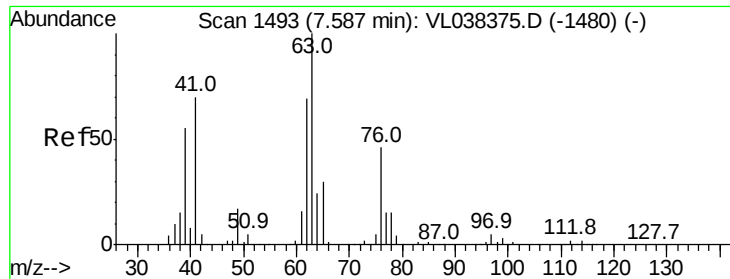


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

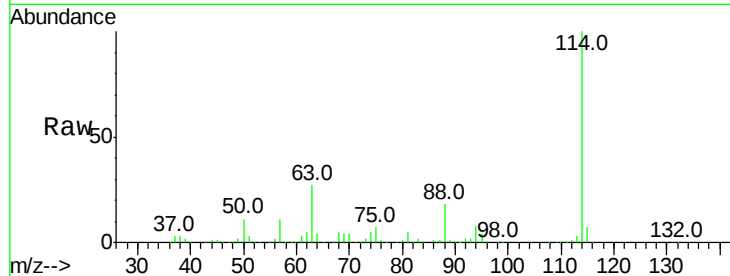
Ion 88.10 (87.80 to 88.80): VL0



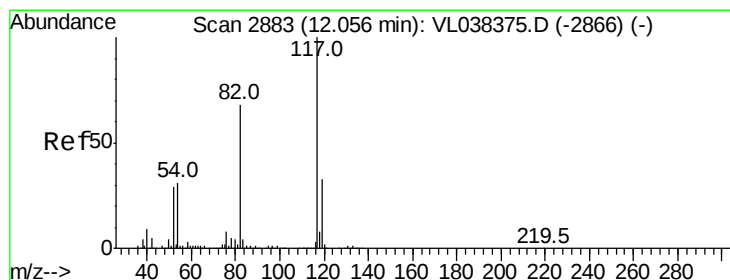
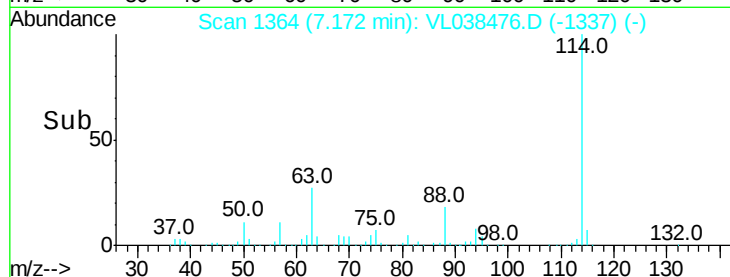
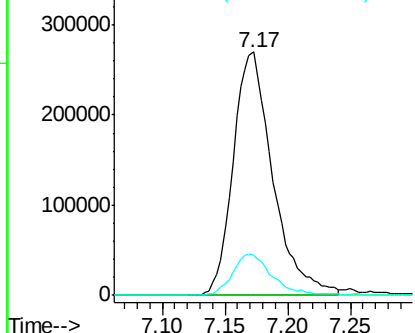


#39
 1,2-Dichloropropane
 Concen: 7.64 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0302ABL01
 Acq: 2 Mar 2022 11:09

Tgt Ion: 63 Resp: 591403
 Ion Ratio Lower Upper
 63 100
 41 0.0 56.1 84.1#
 62 16.7 55.5 83.3#

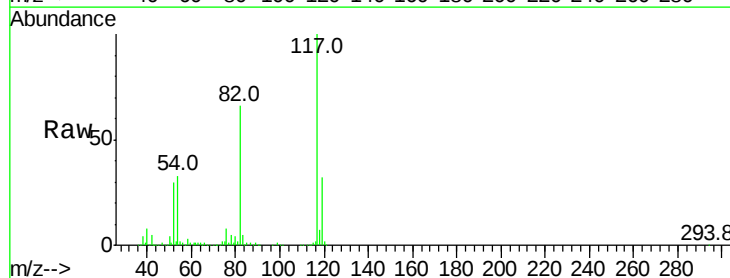


Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

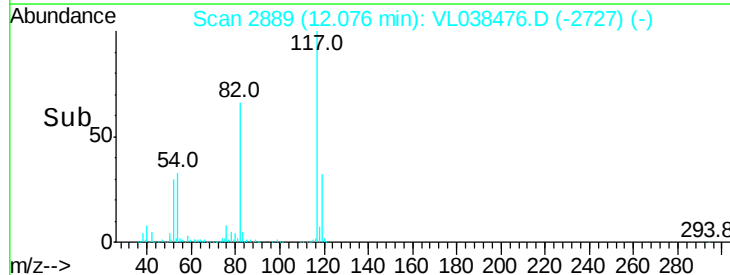
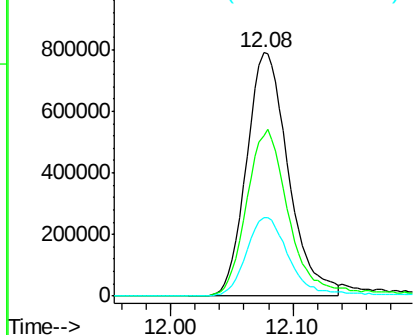


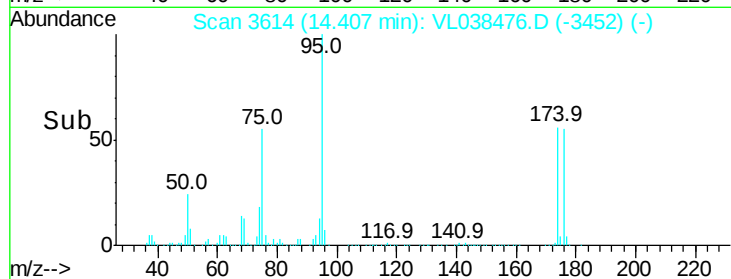
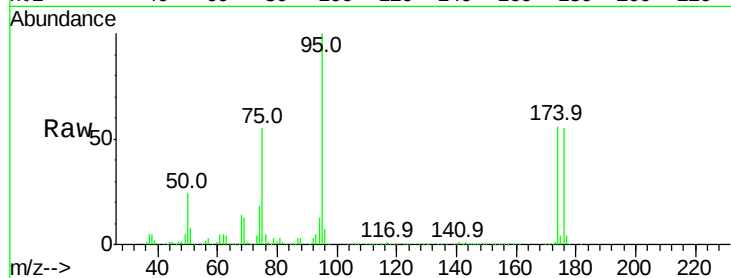
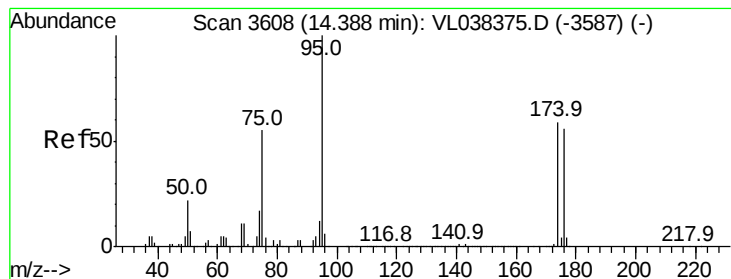
#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.08 min Scan# 2889
 Delta R.T. 0.02 min
 Lab File: VL038476.D
 Acq: 2 Mar 2022 11:09

Tgt Ion: 117 Resp: 1871637
 Ion Ratio Lower Upper
 117 100
 82 72.8 54.9 82.3
 119 33.9 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: 9.84 ppbv

RT: 14.41

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 2 Mar 2022 11:09

Tgt Ion: 95 Resp: 1523916

Ion Ratio Lower Upper

95 100

174 62.7 49.0 73.4

175 4.7 3.6 5.4

