

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030922\
 Data File : VL038587.D
 Acq On : 10 Mar 2022 8:37
 Operator : SY/AP
 Sample : QC030922 CAN 10153
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC030922 CAN 10153

Quant Time: Mar 11 00:21:45 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 08 21:18:44 2022
 QLast Update : Tue Mar 08 21:18:44 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	773161	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2011016	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	1779081	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1299363	9.61	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.10%

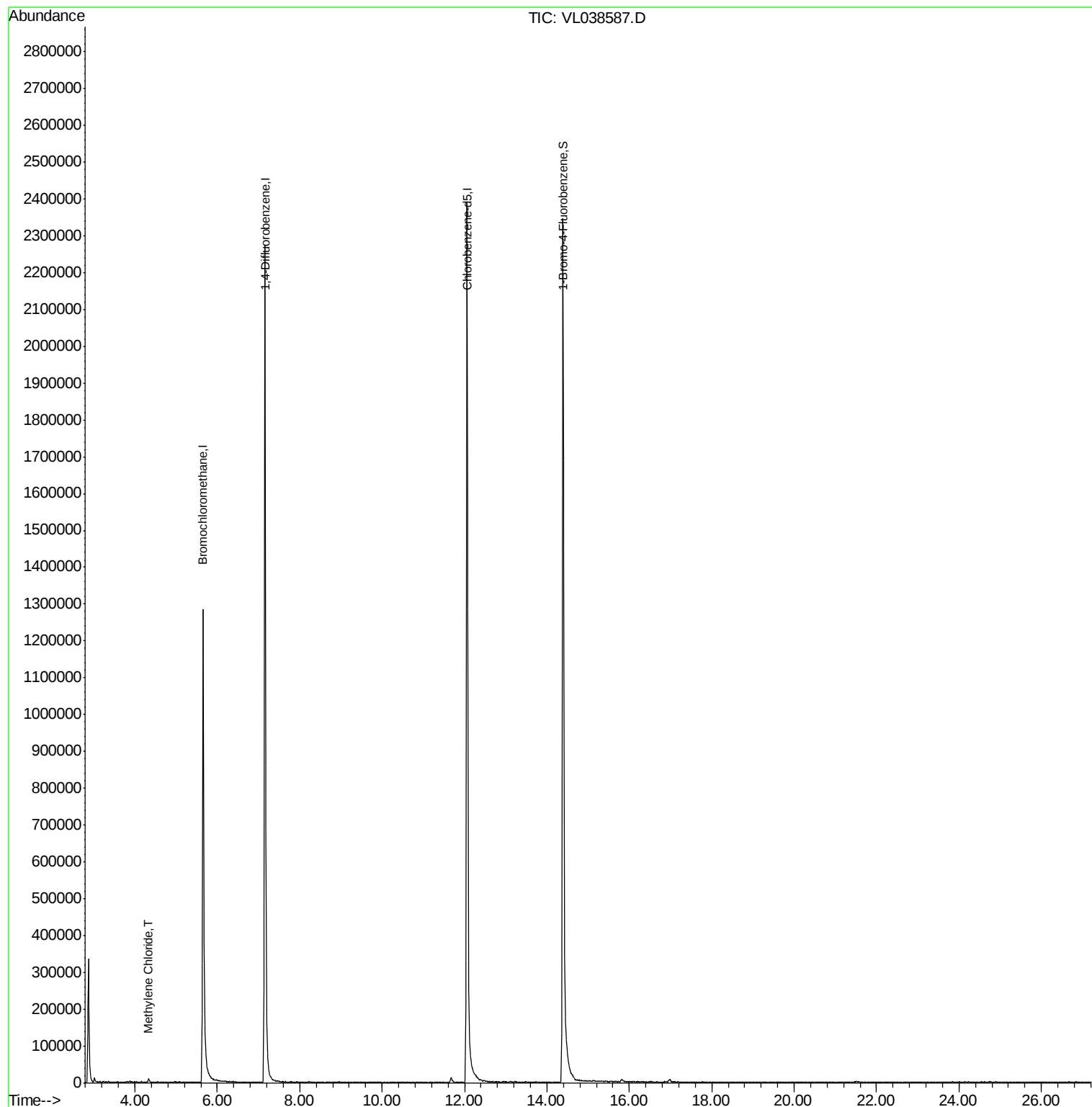
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.33	84	4066	0.12	ppbv	# 83

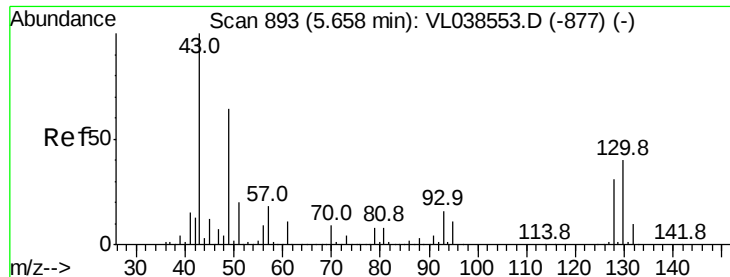
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.65 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: QC030922 CAN 10153

Acq: 10 Mar 2022 8:37

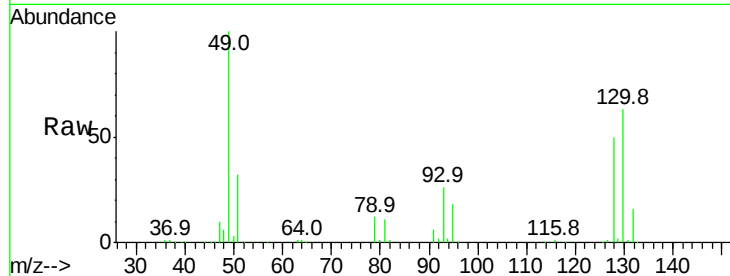
Tgt Ion: 49 Resp: 773161

Ion Ratio Lower Upper

49 100

128 53.7 26.4 79.2

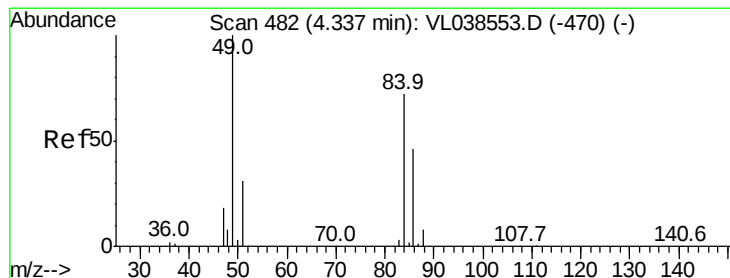
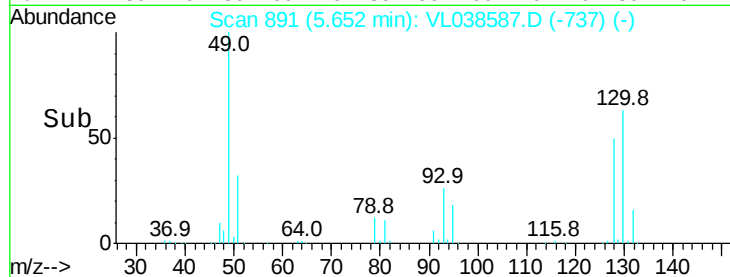
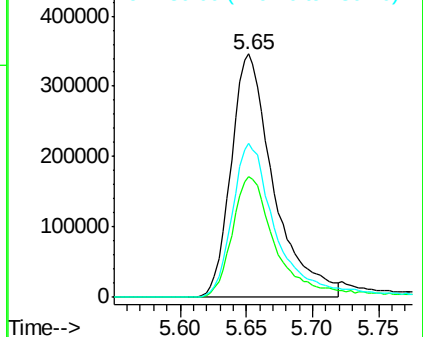
130 68.4 33.0 98.9



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



#20

Methylene Chloride

Concen: 0.12 ppbv

RT: 4.33 min Scan# 481

Delta R.T. -0.00 min

Lab File: VL038587.D

Acq: 10 Mar 2022 8:37

Tgt Ion: 84 Resp: 4066

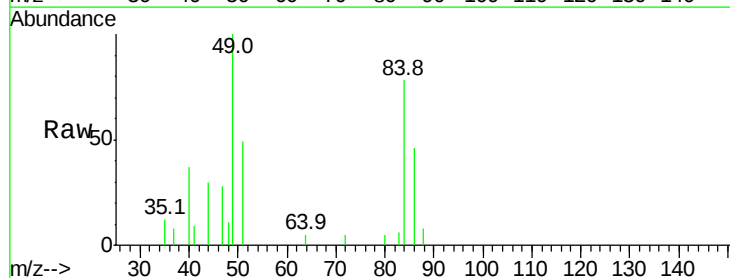
Ion Ratio Lower Upper

84 100

49 118.8 111.1 166.7

51 62.9 34.0 51.0#

86 58.5 50.9 76.3

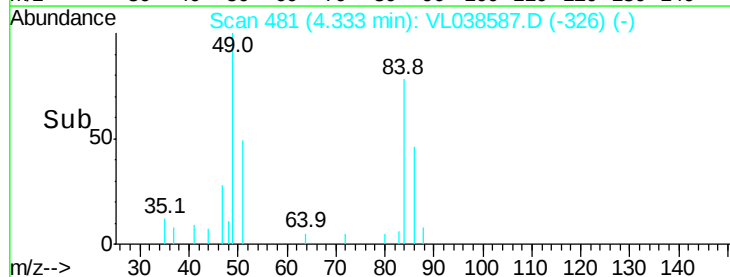
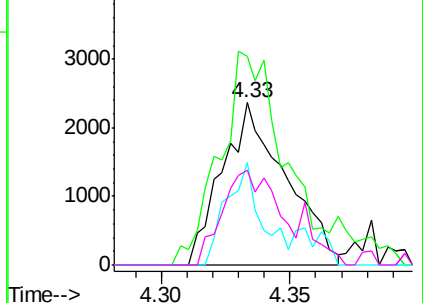


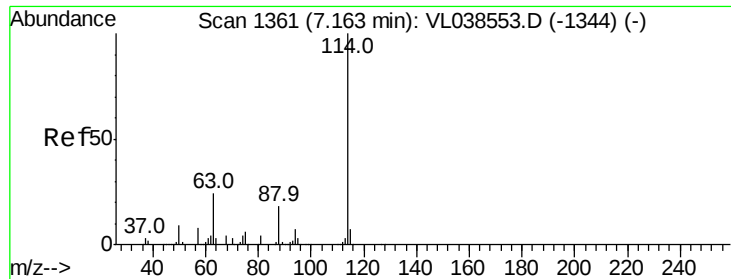
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

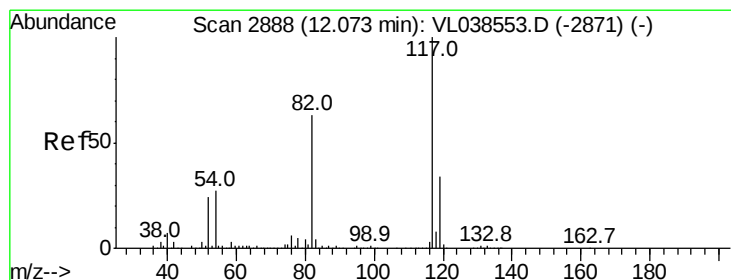
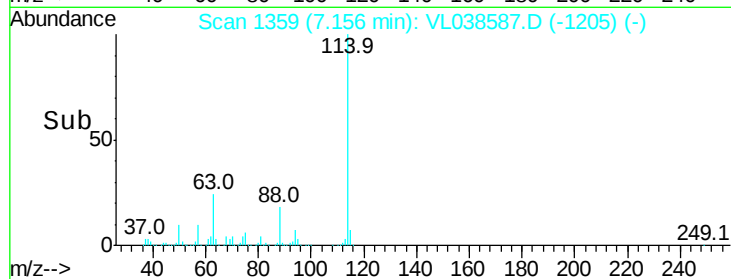
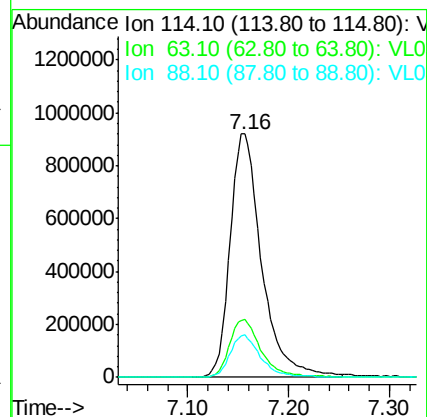
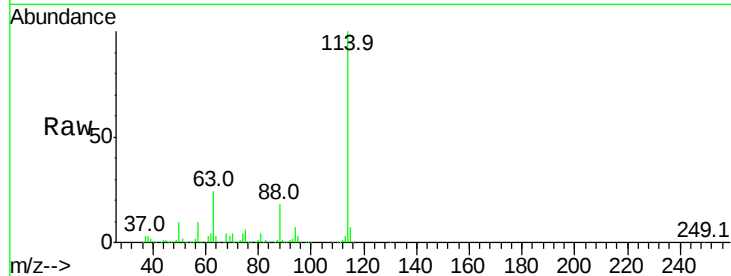




#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.16 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 OC030922 CAN 10153
 Acq: 10 Mar 2022 8:37

Tgt Ion:114 Resp: 2011016

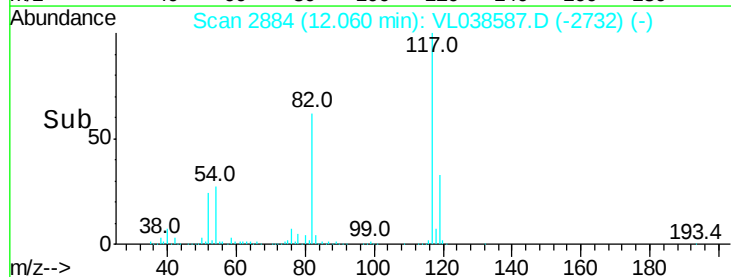
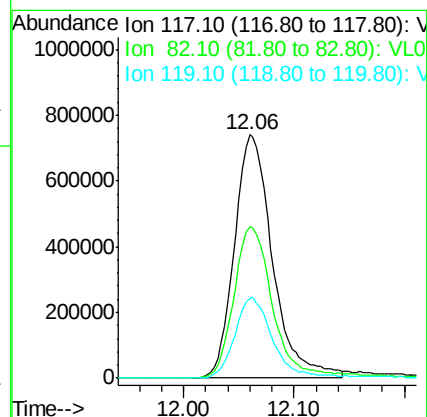
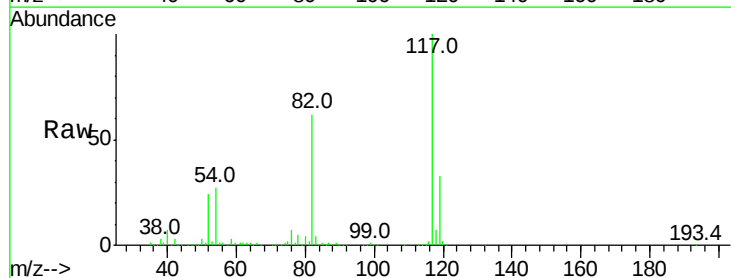
Ion	Ratio	Lower	Upper
114	100		
63	24.3	19.6	29.4
88	17.4	13.9	20.9

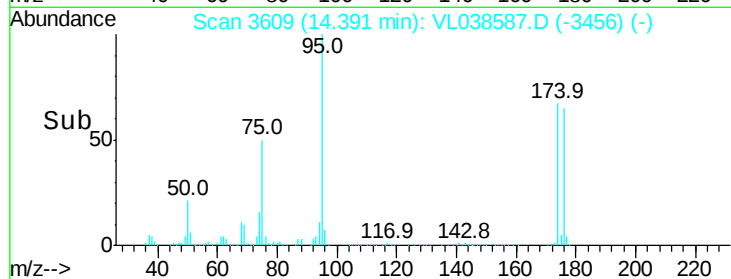
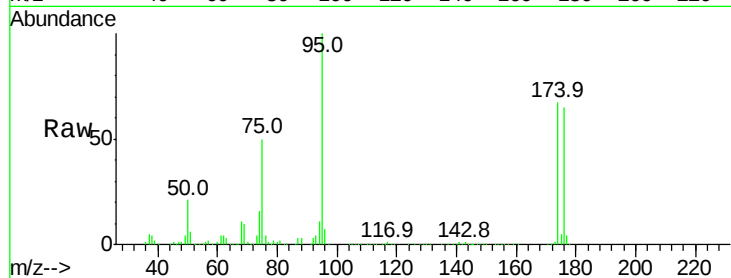
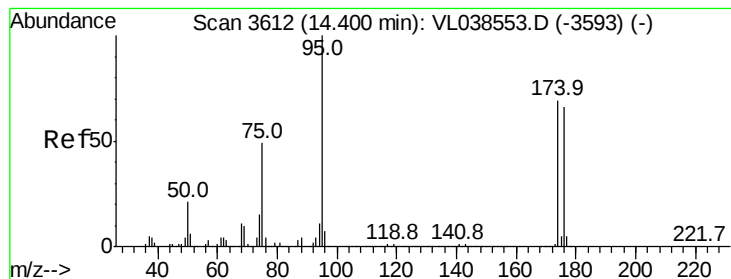


#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.06 min Scan# 2884
 Delta R.T.: -0.01 min
 Lab File: VL038587.D
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Tgt Ion:117 Resp: 1779081

Ion	Ratio	Lower	Upper
117	100		
82	66.2	52.5	78.7
119	33.7	46.4	69.6#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.61 ppbv

RT: 14.39

Delta R.T: MSVOA_L

Lab File: ClientSampleId:

Acq: 10 Mar 2022 8:57

Tgt Ion: 95 Resp: 1299363

Ion Ratio Lower Upper

95 100

174 73.0 56.2 84.4

175 5.3 4.2 6.2

