

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030822\
 Data File : VL038565.D
 Acq On : 9 Mar 2022 1:27
 Operator : SY/AP
 Sample : CAN 10609
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10609

Quant Time: Mar 09 07:41:49 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	817410	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2032386	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	1764196	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1375074	10.25	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.50%

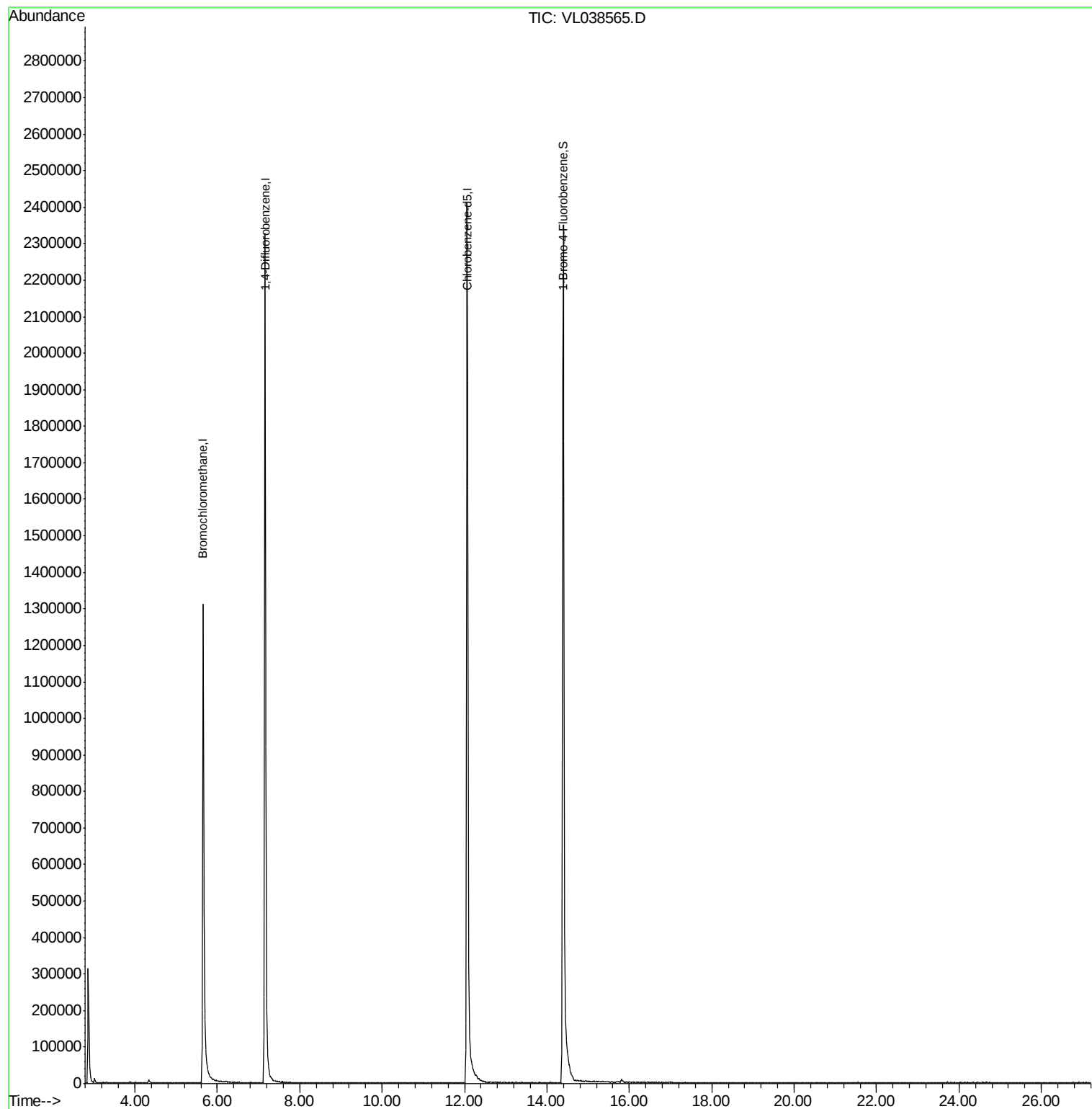
Target Compounds	Qvalue
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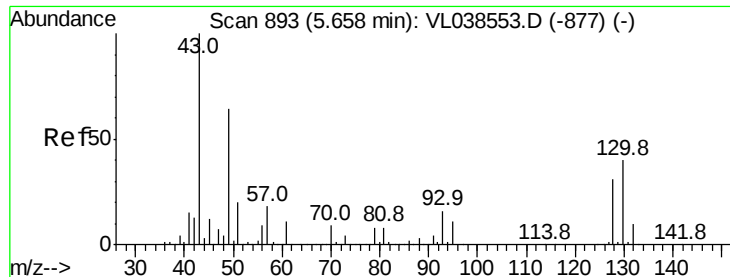
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.65 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Mar 2022 1:27

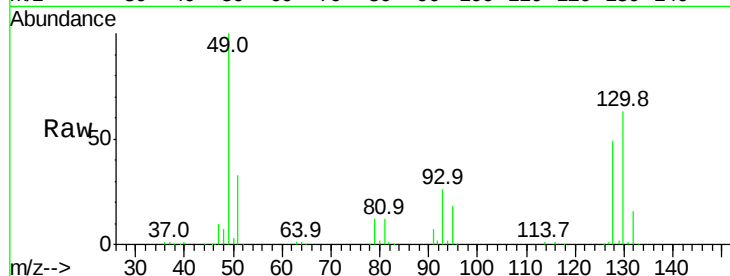
Tgt Ion: 49 Resp: 817410

Ion Ratio Lower Upper

49 100

128 52.2 26.4 79.2

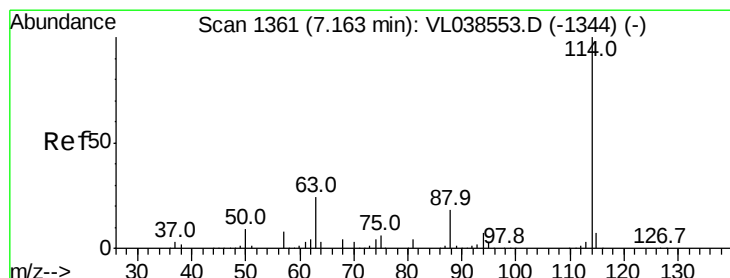
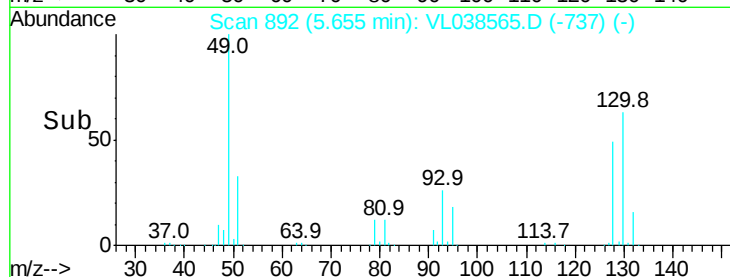
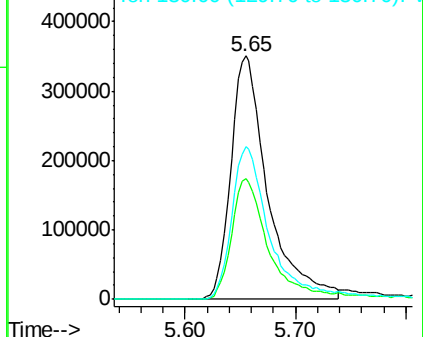
130 67.5 33.0 98.9



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



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.16 min Scan# 1360

Delta R.T. -0.00 min

Lab File: VL038565.D

Acq: 9 Mar 2022 1:27

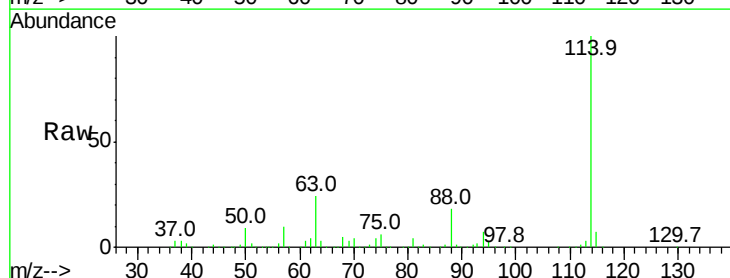
Tgt Ion:114 Resp: 2032386

Ion Ratio Lower Upper

114 100

63 24.6 19.6 29.4

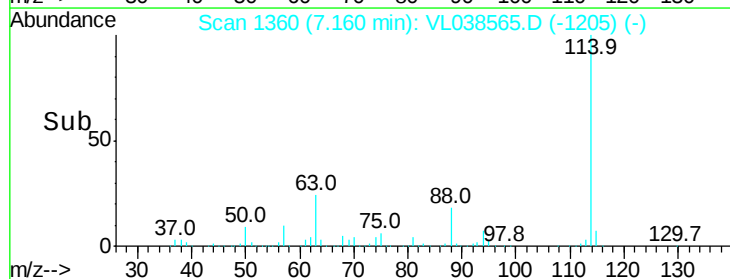
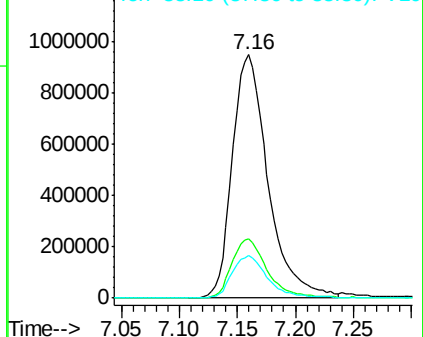
88 17.7 13.9 20.9

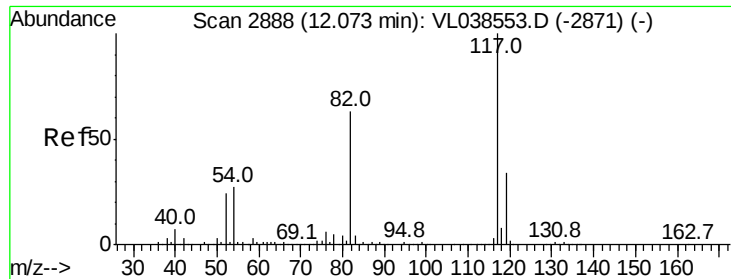


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

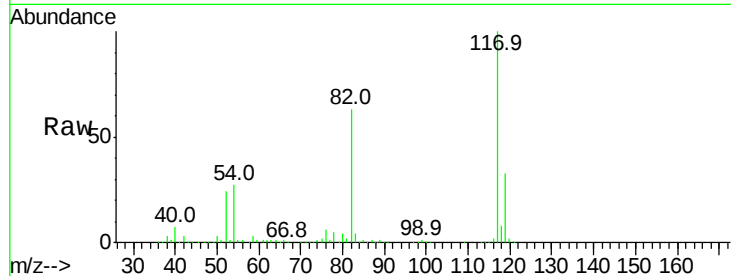
Ion 88.10 (87.80 to 88.80): VL0



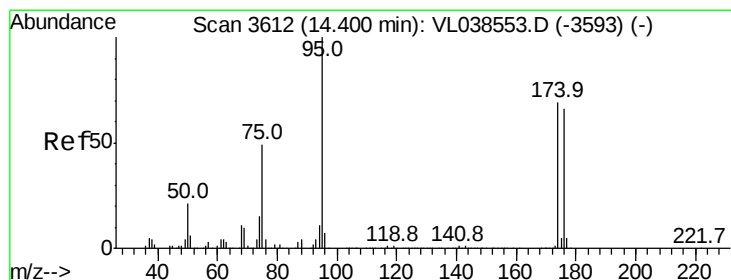
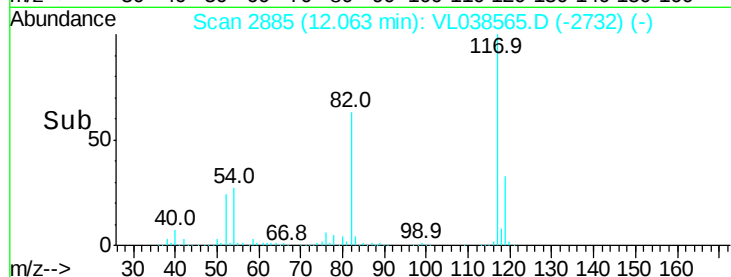
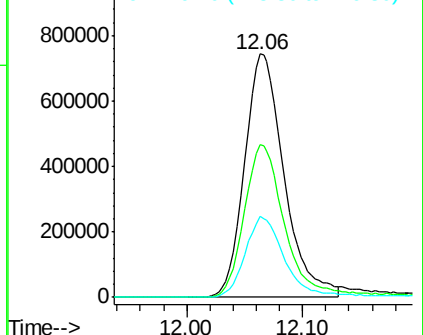


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.06
Instrument: MSVOA_1
Delta R.T.:
ClientSampleId:
Lab File: CAN 10609
Acq: 9 Mar 2022 1:27

Tgt Ion: 117 Resp: 1764196
Ion Ratio Lower Upper
117 100
82 67.7 52.5 78.7
119 34.7 46.4 69.6#

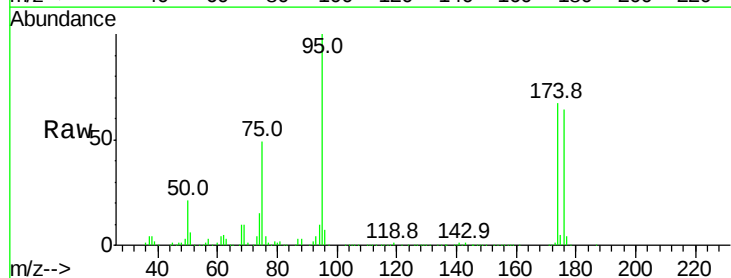


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.25 ppbv
RT: 14.40 min Scan# 3611
Delta R.T.: -0.00 min
Lab File: VL038565.D
Acq: 9 Mar 2022 1:27

Tgt Ion: 95 Resp: 1375074
Ion Ratio Lower Upper
95 100
174 70.5 56.2 84.4
175 5.0 4.2 6.2



Abundance Ion 95.10 (94.80 to 95.80): V
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

