

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032322\
 Data File : VL038716.D
 Acq On : 23 Mar 2022 14:56
 Operator : SY/AP
 Sample : VL0323ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0323ABL01

Quant Time: Mar 24 05:20:11 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 21 17:09:26 2022
 QLast Update : Mon Mar 21 17:09:26 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	796101	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2061863	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	1692563	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1184990	9.13	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.30%

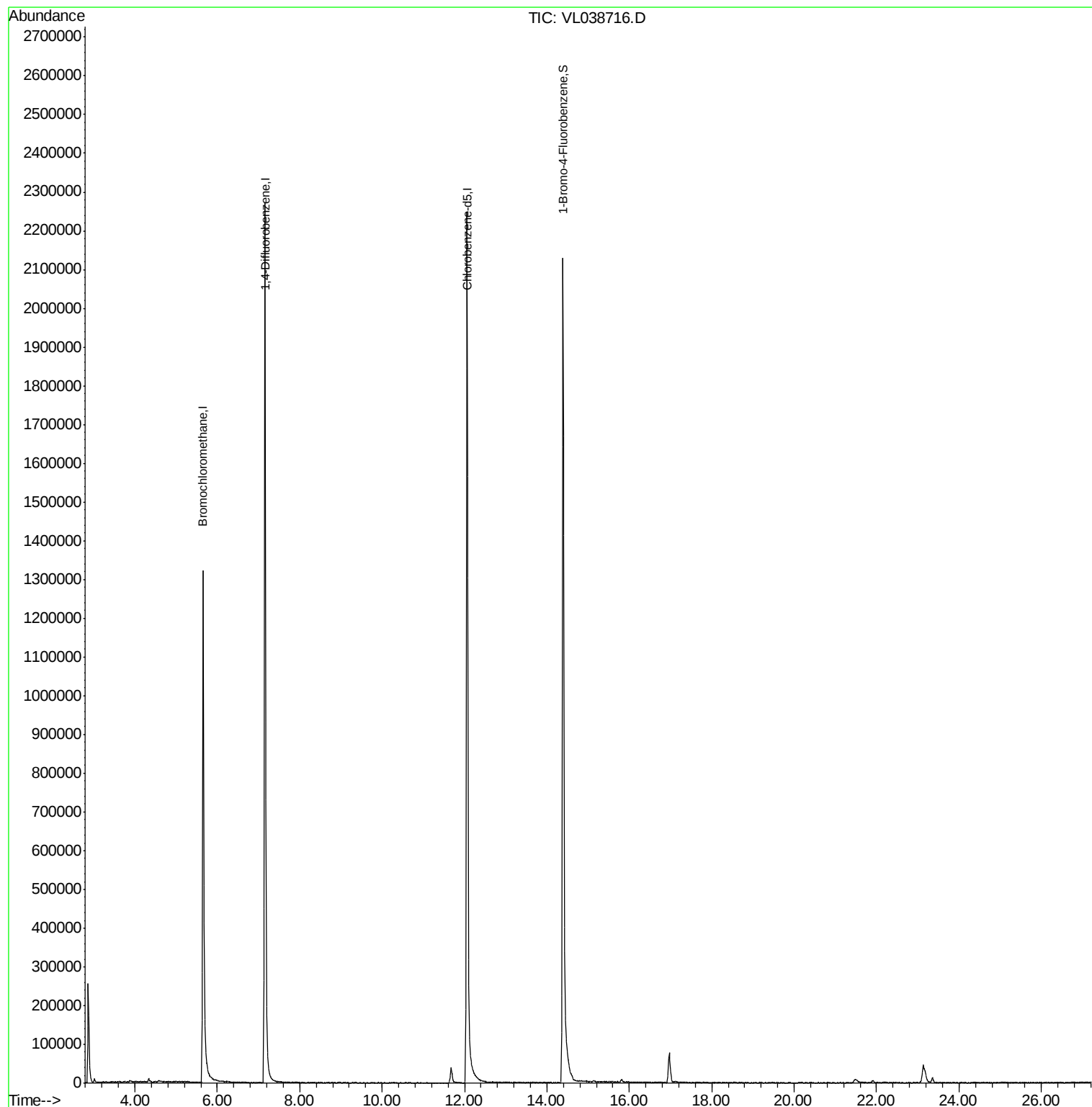
Target Compounds	Qvalue
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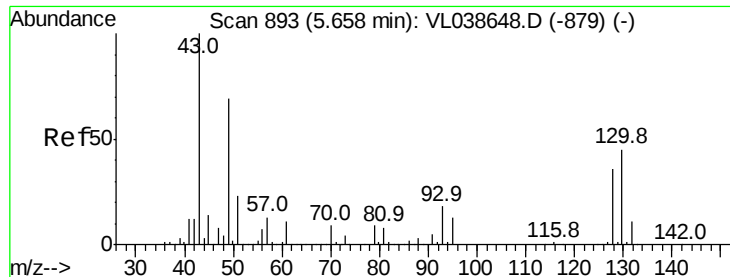
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.65 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0323ABL01

Acq: 23 Mar 2022 14:56

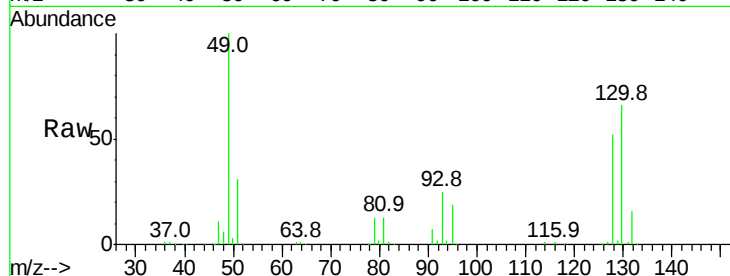
Tgt Ion: 49 Resp: 796101

Ion Ratio Lower Upper

49 100

128 53.7 26.2 78.6

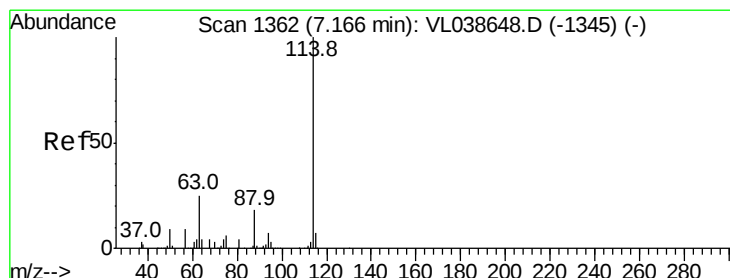
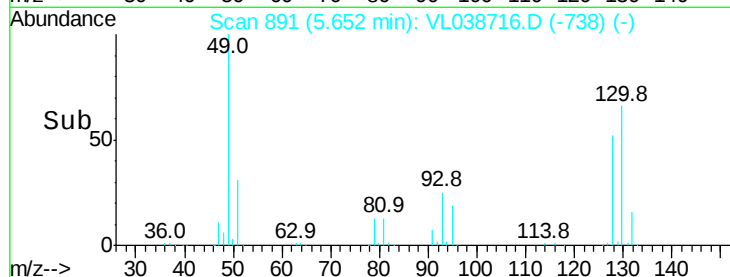
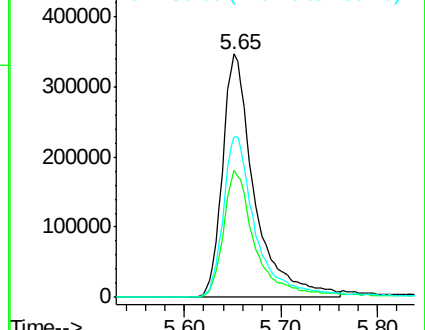
130 69.7 33.7 101.1



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# 1359

Delta R.T. -0.01 min

Lab File: VL038716.D

Acq: 23 Mar 2022 14:56

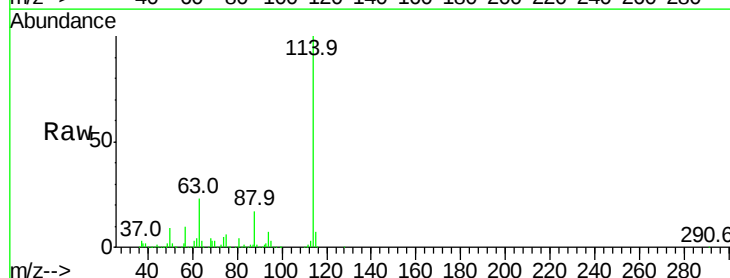
Tgt Ion:114 Resp: 2061863

Ion Ratio Lower Upper

114 100

63 23.7 19.4 29.0

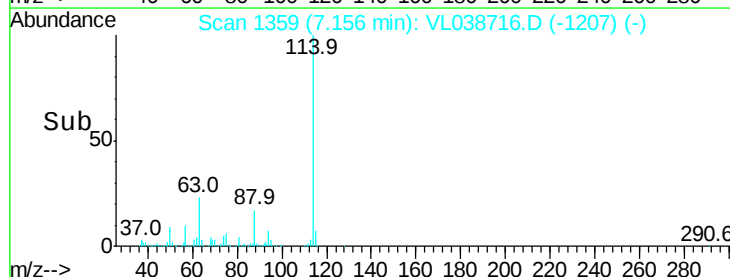
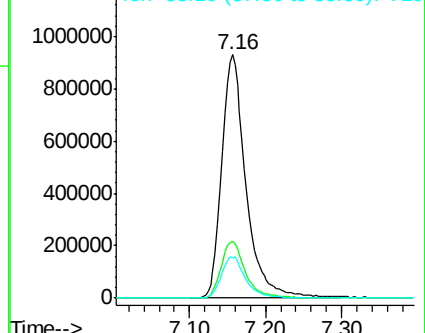
88 17.3 13.9 20.9

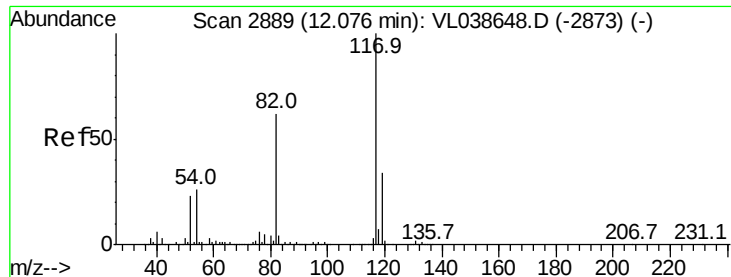


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

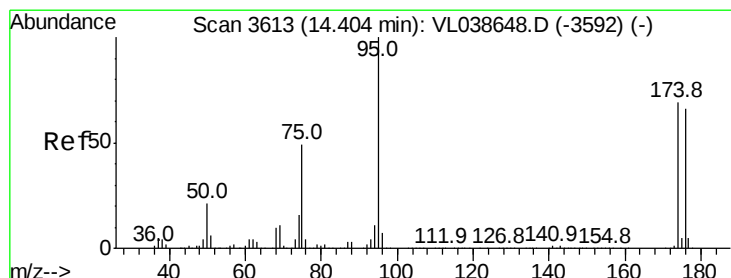
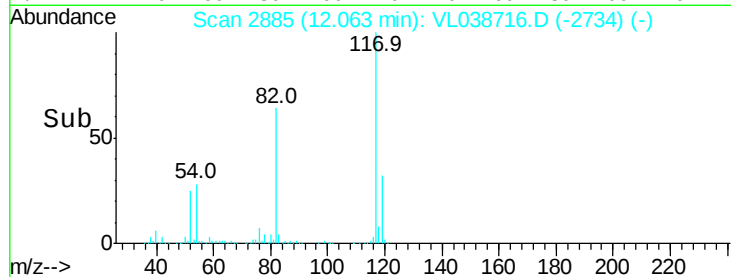
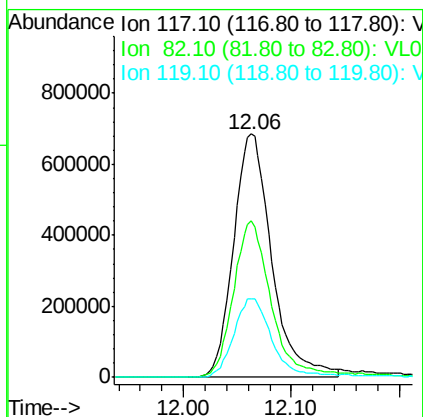
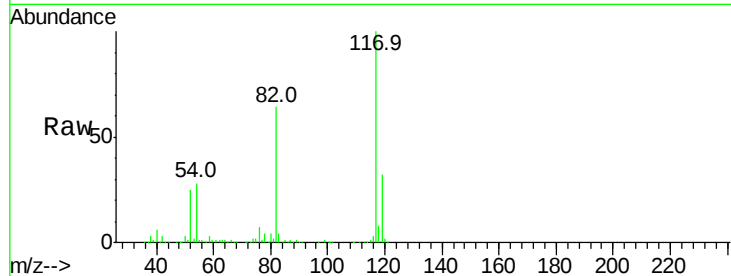




#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.06 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0323ABL01
 Acq: 23 Mar 2022 14:56

Tgt Ion: 117 Resp: 1692563

Ion	Ratio	Lower	Upper
117	100		
82	66.8	51.6	77.4
119	34.3	26.9	40.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.13 ppbv
 RT: 14.39 min Scan# 3610
 Delta R.T.: -0.01 min
 Lab File: VL038716.D
 Acq: 23 Mar 2022 14:56

Tgt Ion: 95 Resp: 1184990

Ion	Ratio	Lower	Upper
95	100		
174	74.4	56.1	84.1
175	5.3	4.2	6.2

