

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051322\
Data File : VL039035.D
Acq On : 13 May 2022 13:06
Operator : SY/AP
Sample : VL0513ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0513ABL01

Quant Time: May 14 01:05:05 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 05 10:12:15 2022
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	974801	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	2534655	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	2081589	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	1531999	9.29	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.90%

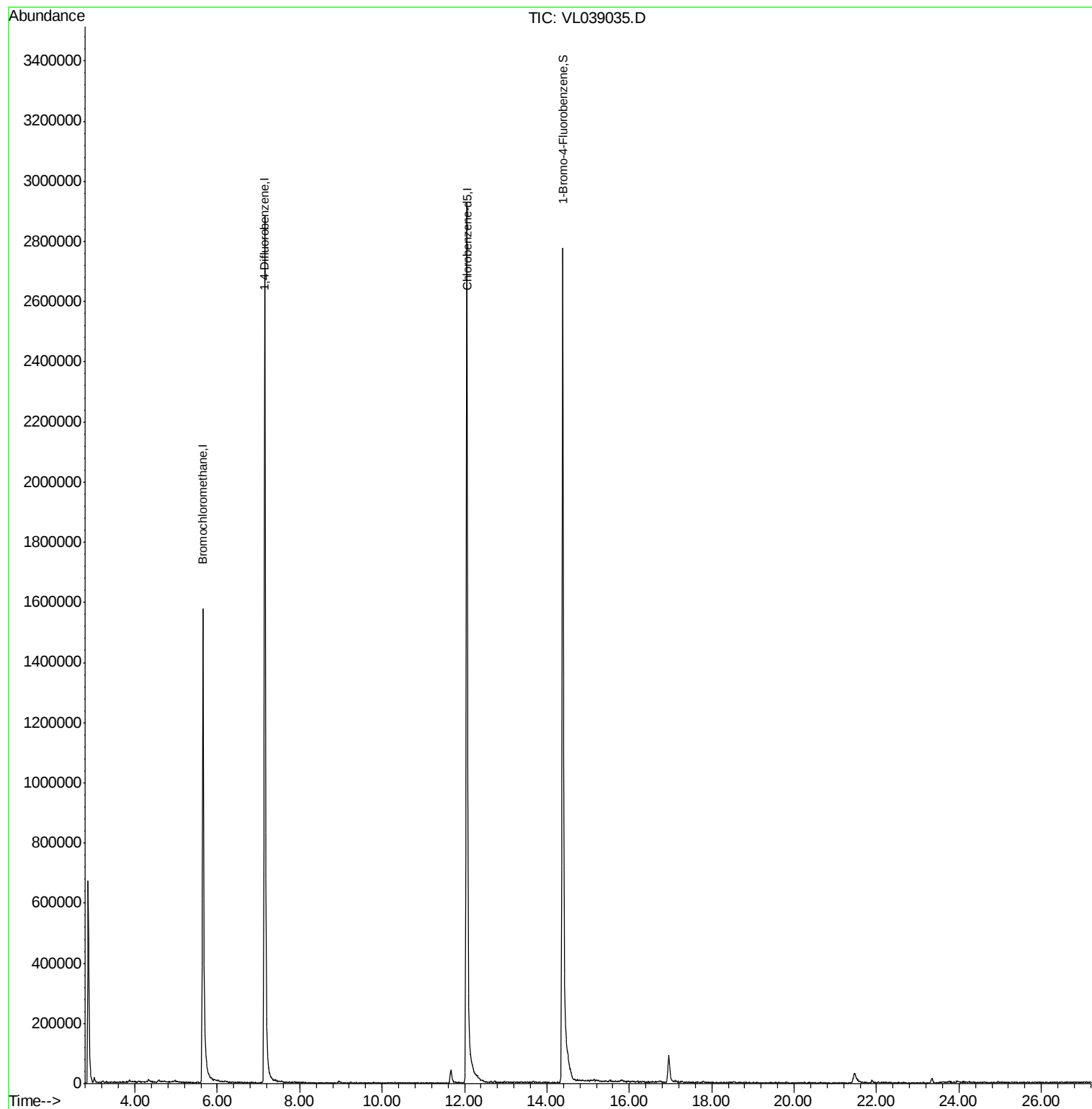
Target Compounds	Ovalue
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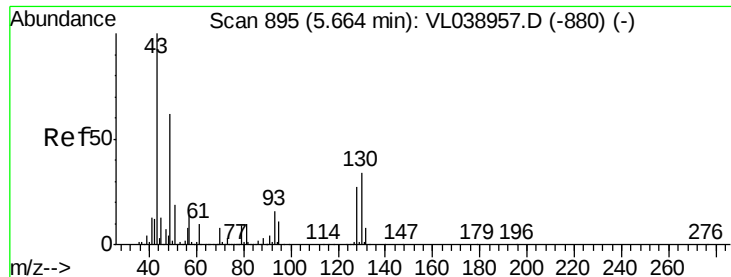
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0513ABL01

Acq: 13 May 2022 13:00

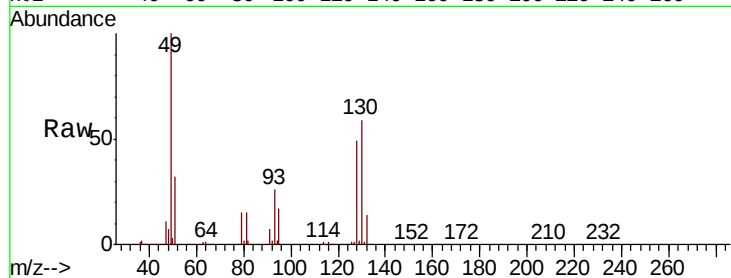
Tot Ion: 49 Resp: 974801

Ion Ratio Lower Upper

49 100

128 49.7 23.3 69.8

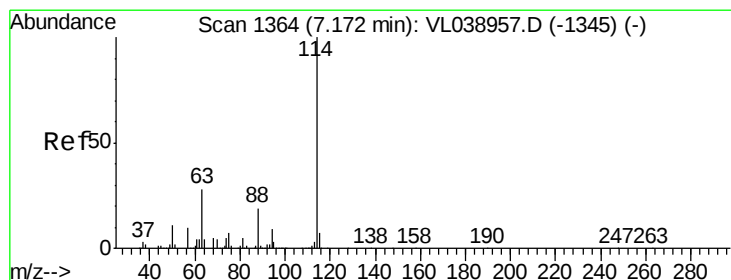
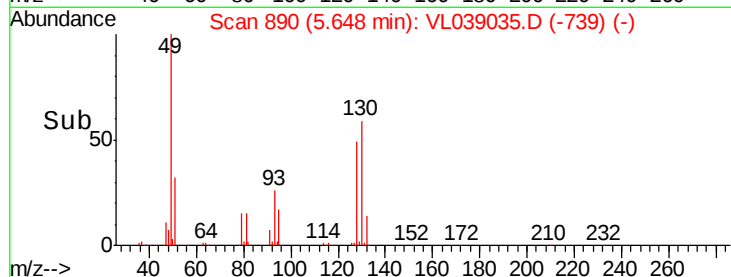
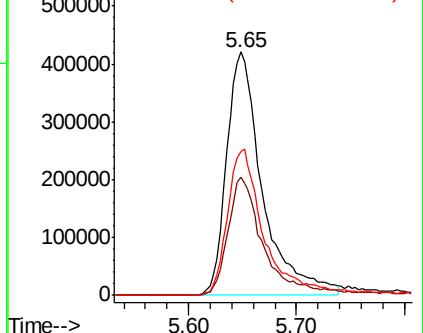
130 63.7 29.8 89.3



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: 10.000 ppbv

RT: 7.15 min Scan# 1357

Delta R.T. -0.02 min

Lab File: VL039035.D

Acq: 13 May 2022 13:06

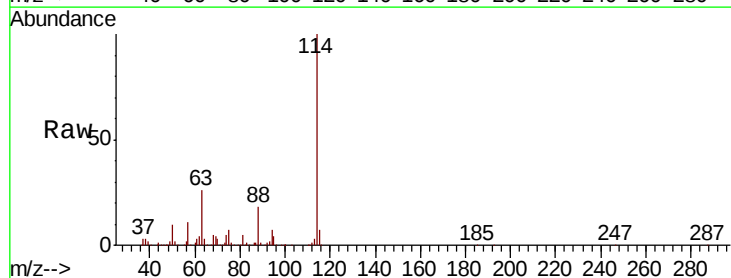
Tgt Ion: 114 Resp: 2534655

Ion Ratio Lower Upper

114 100

63 25.6 22.6 33.8

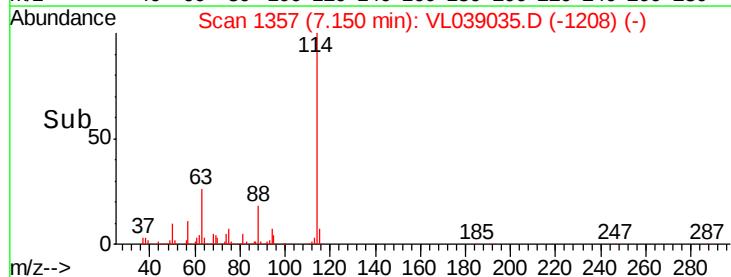
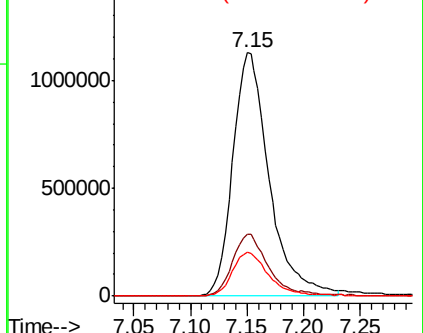
88 18.5 15.4 23.0

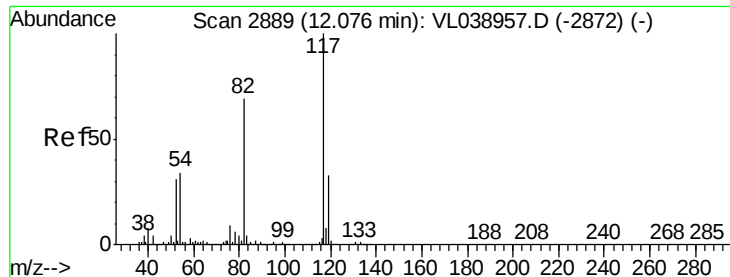


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

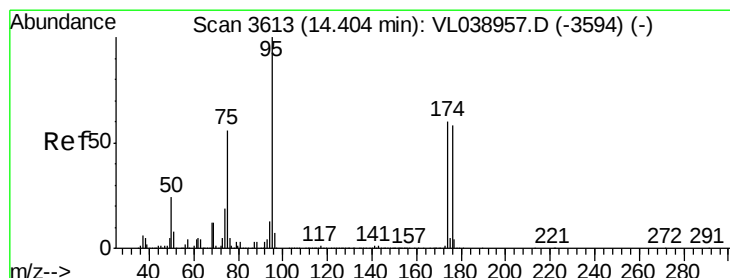
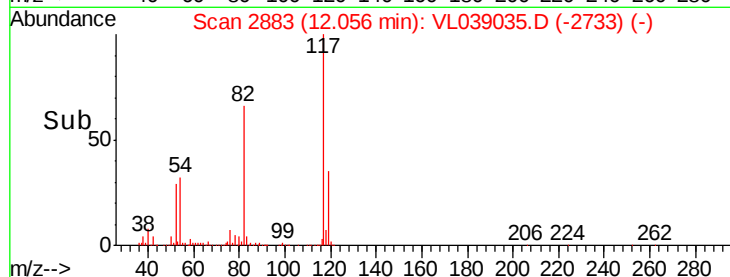
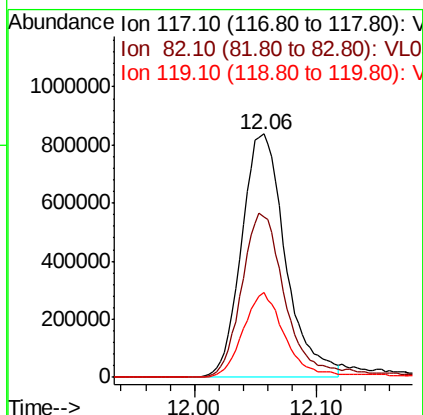
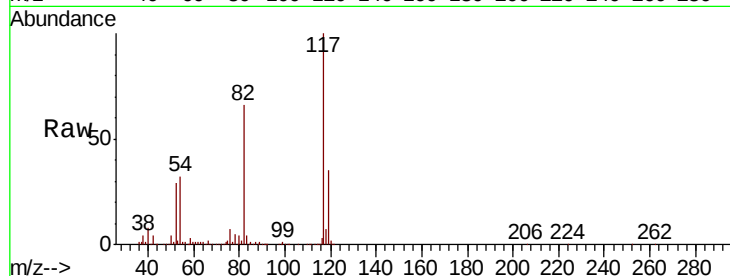
Ion 88.10 (87.80 to 88.80): VL0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0513ABL01
Acq: 13 May 2022 13:00

Tot Ion:117 Resp: 2081589
Ion Ratio Lower Upper
117 100
82 71.0 57.0 85.6
119 34.3 27.2 40.8



#68
1-Bromo-4-Fluorobenzene
Concen: 9.293 ppbv
RT: 14.38 min Scan# 3607
Delta R.T.: -0.02 min
Lab File: VL039035.D
Acq: 13 May 2022 13:06

Tgt Ion: 95 Resp: 1531999
Ion Ratio Lower Upper
95 100
174 69.2 50.8 76.2
175 4.8 3.8 5.6

