

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041422\
Data File : VL038919.D
Acq On : 14 Apr 2022 15:35
Operator : SY/AP
Sample : VL0414ABL03
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0414ABL03

Quant Time: Apr 15 09:19:30 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1166480	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	2688085	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	2302909	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1969435	11.27	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	112.70%

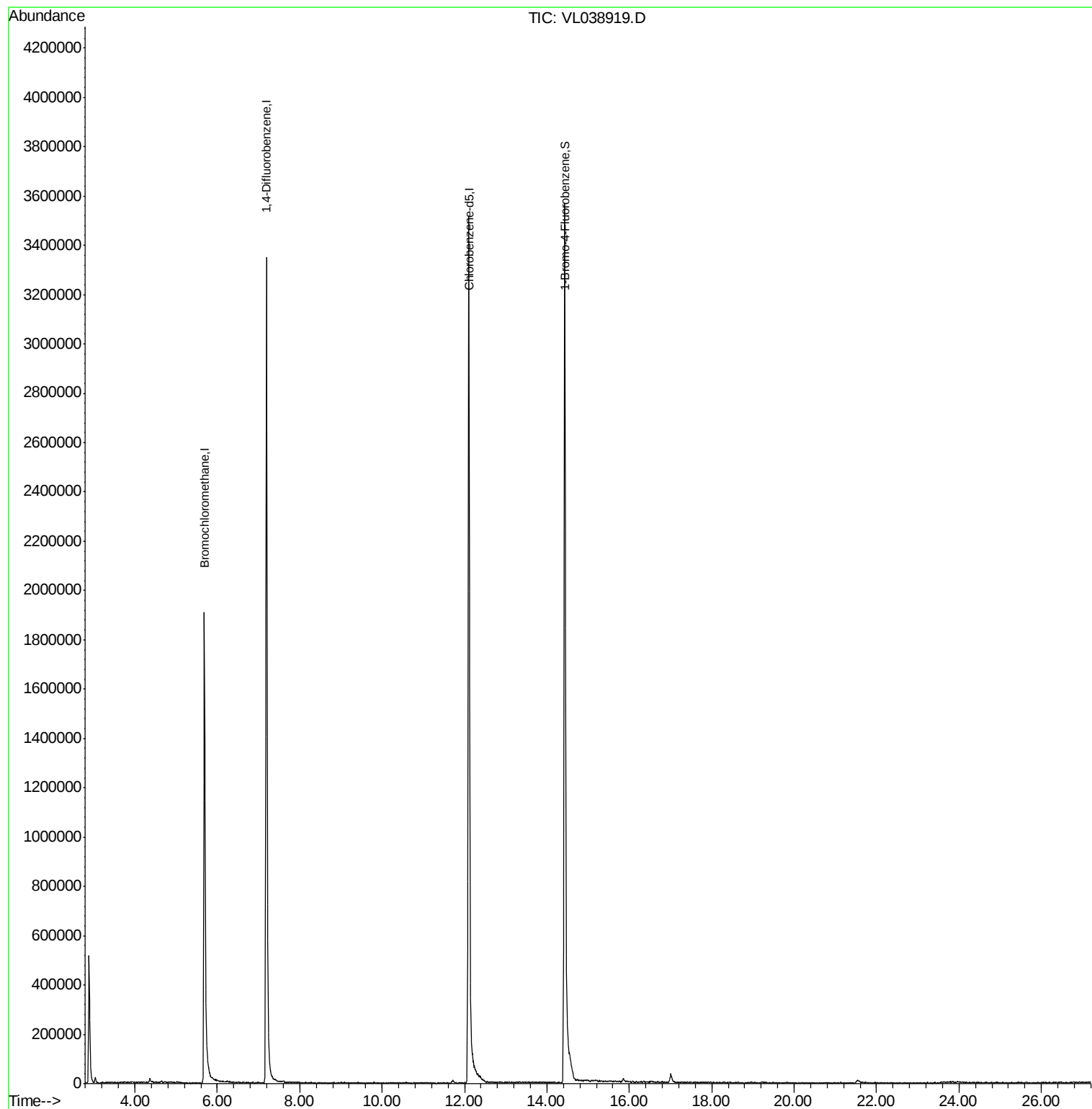
Target Compounds	Ovalue
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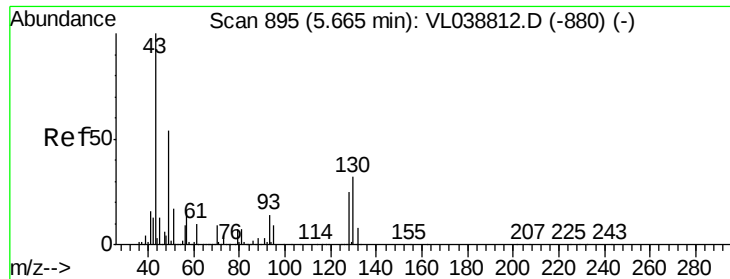
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL041422\
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0414ABL03

Acq: 14 Apr 2022 15:35

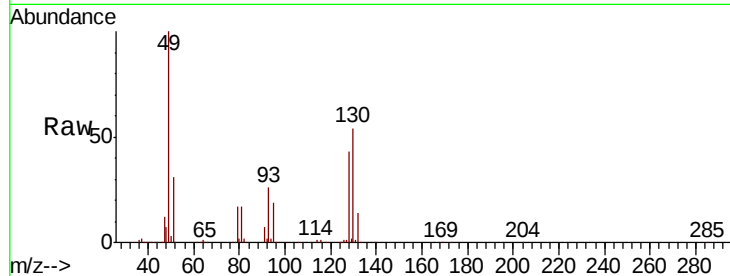
Tot Ion: 49 Resp: 1166480

Ion Ratio Lower Upper

49 100

128 46.3 24.1 72.3

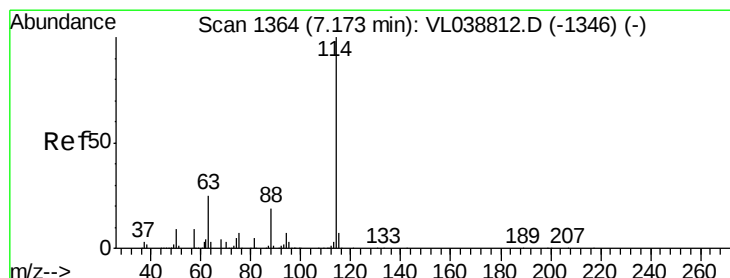
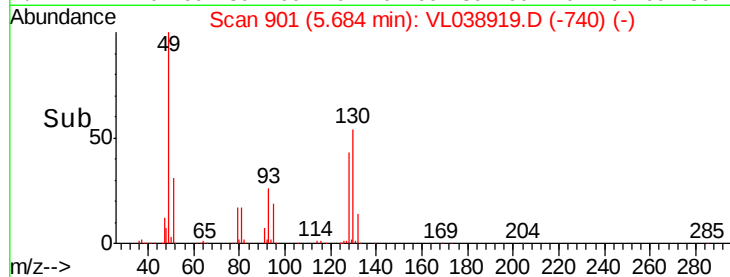
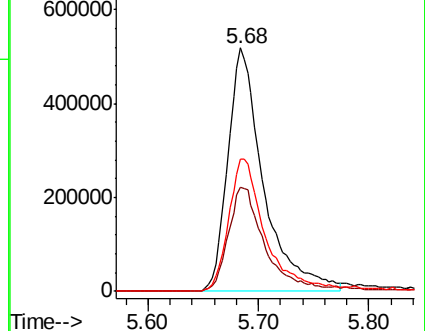
130 58.8 30.9 92.8



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: 7.19 min Scan# 1370

Delta R.T. 0.02 min

Lab File: VL038919.D

Acq: 14 Apr 2022 15:35

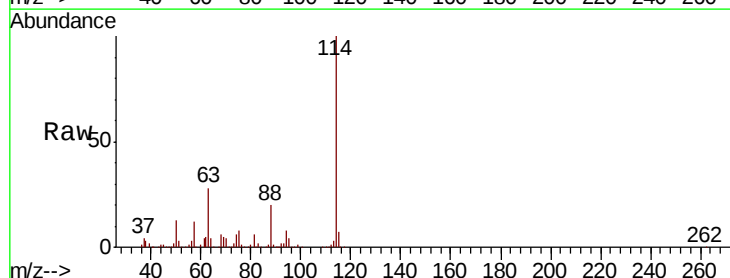
Tgt Ion: 114 Resp: 2688085

Ion Ratio Lower Upper

114 100

63 29.2 19.8 29.8

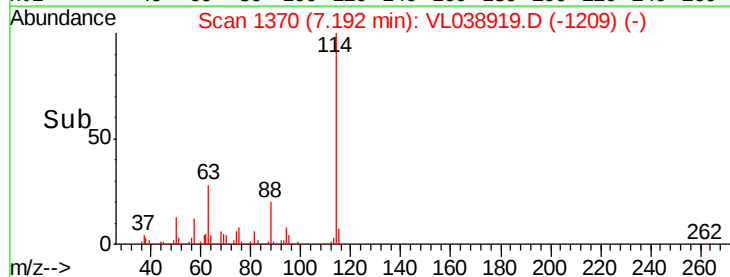
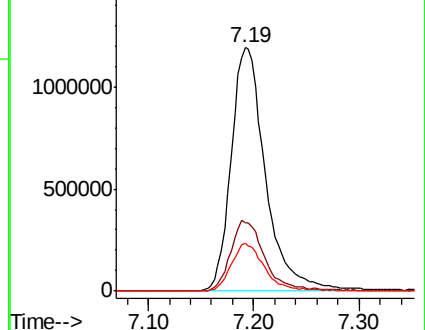
88 19.5 14.2 21.4

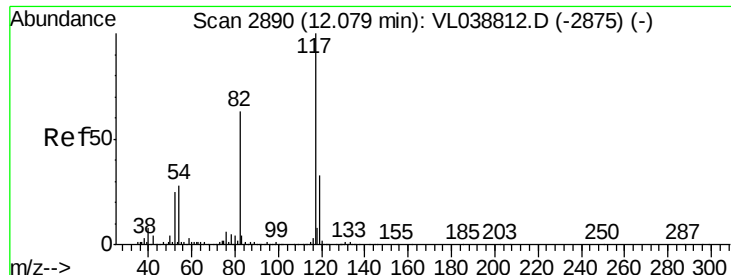


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

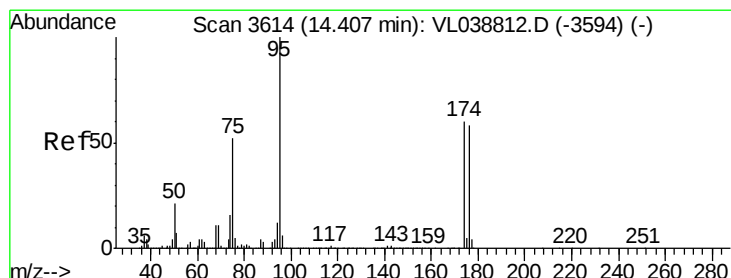
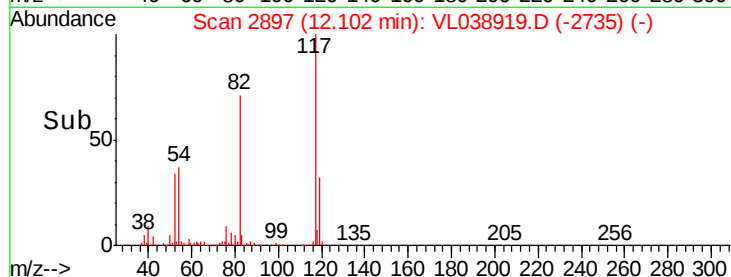
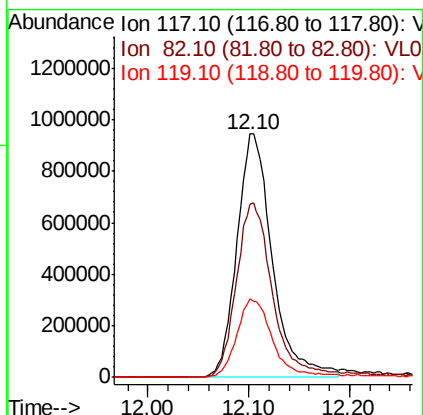
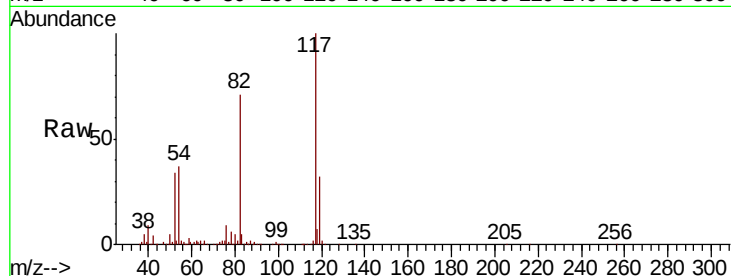
Ion 88.10 (87.80 to 88.80): VL0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0414ABL03
Acq: 14 Apr 2022 15:35

Tot Ion: 117 Resp: 2302909
Ion Ratio Lower Upper
117 100
82 76.2 53.0 79.6
119 34.2 24.9 37.3



#68
1-Bromo-4-Fluorobenzene
Concen: 11.274 ppbv
RT: 14.43 min Scan# 3622
Delta R.T.: 0.03 min
Lab File: VL038919.D
Acq: 14 Apr 2022 15:35

Tgt Ion: 95 Resp: 1969435
Ion Ratio Lower Upper
95 100
174 61.7 52.0 78.0
175 4.6 4.0 6.0

