

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060722\
Data File : VL039228.D
Acq On : 8 Jun 2022 3:31
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Jun 08 07:29:35 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	871239	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2238460	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	1828224	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1441234	9.54	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.40%

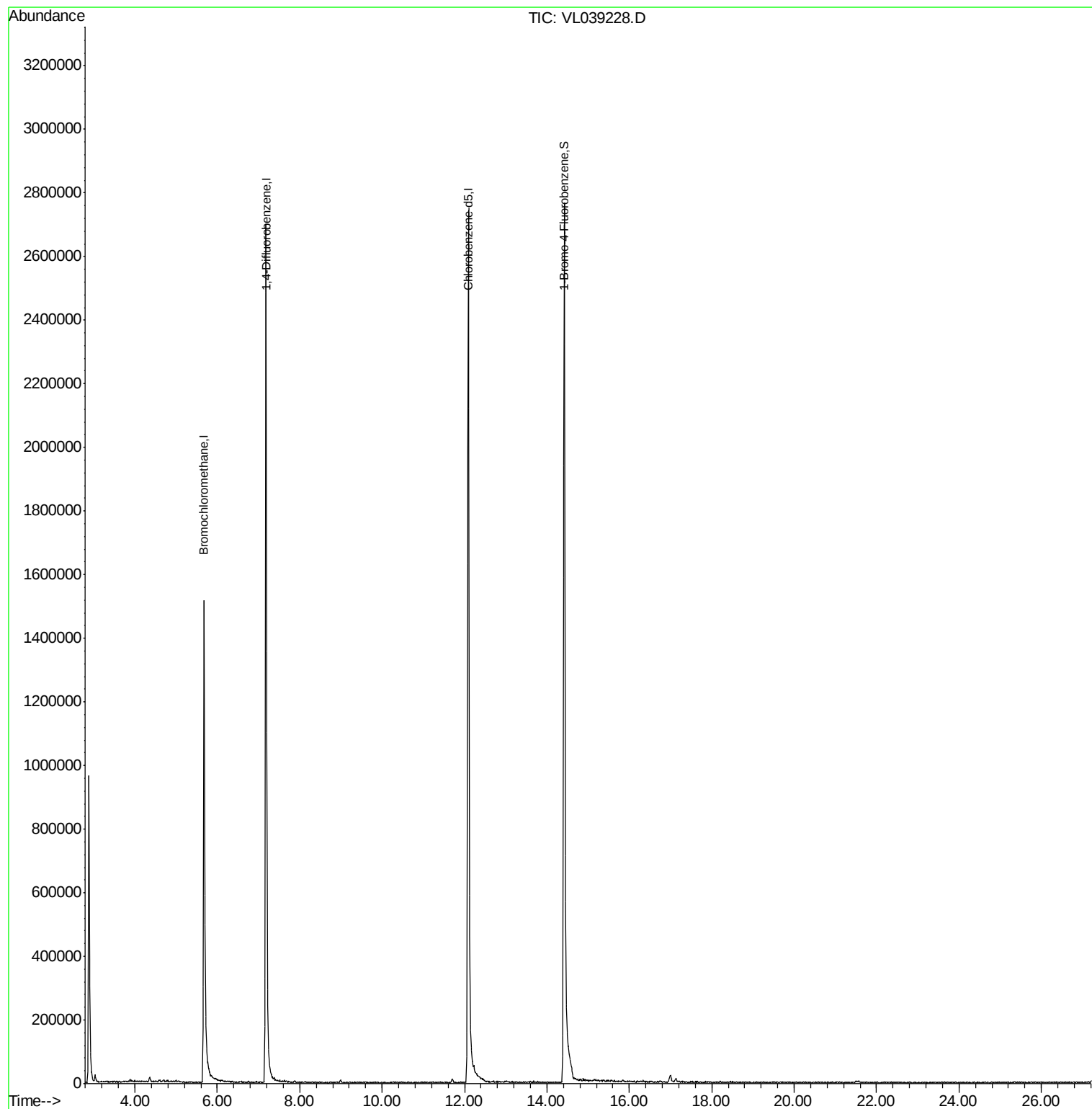
Target Compounds	Ovalue
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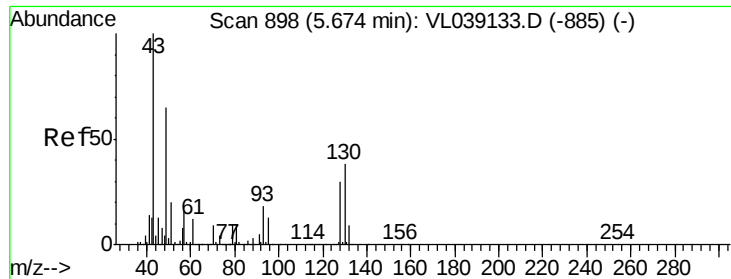
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VIBLK

Acq: 8 Jun 2022 3:31

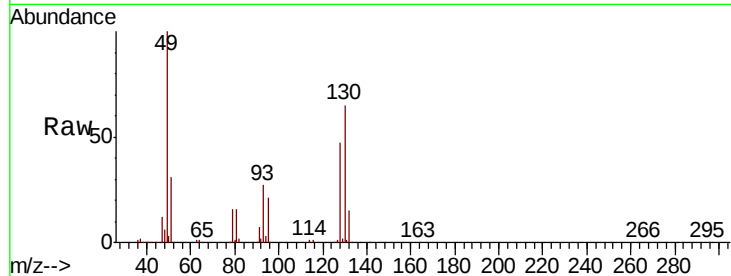
Tot Ion: 49 Resp: 871239

Ion Ratio Lower Upper

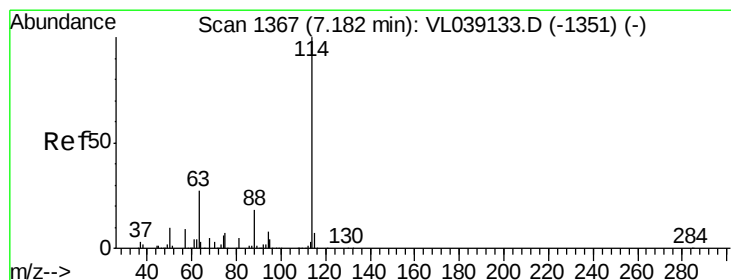
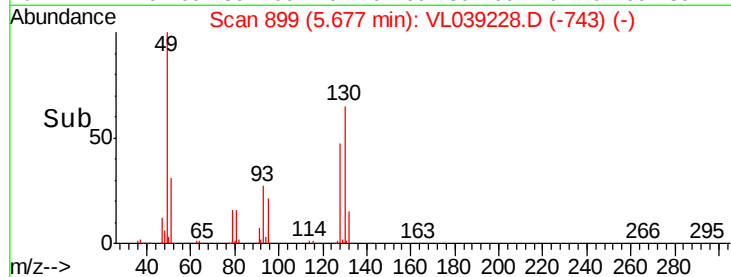
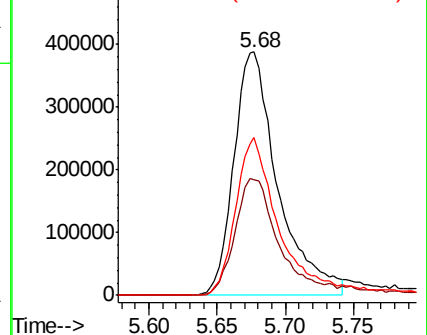
49 100

128 51.9 24.7 74.1

130 67.0 31.4 94.0



Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VL039228.D

Acq: 8 Jun 2022 3:31

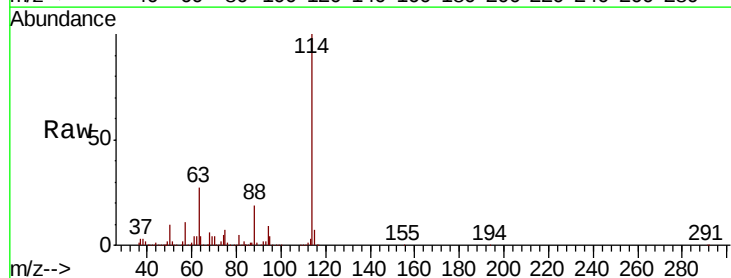
Tgt Ion:114 Resp: 2238460

Ion Ratio Lower Upper

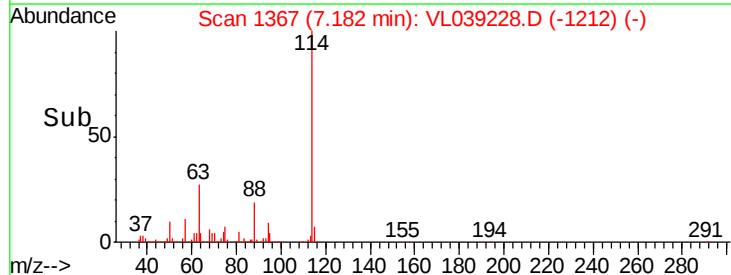
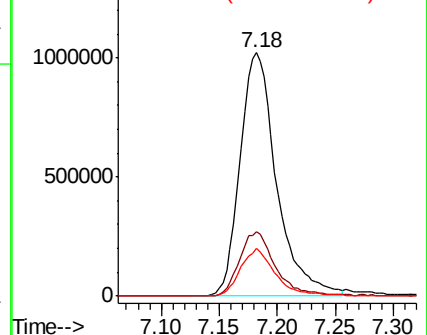
114 100

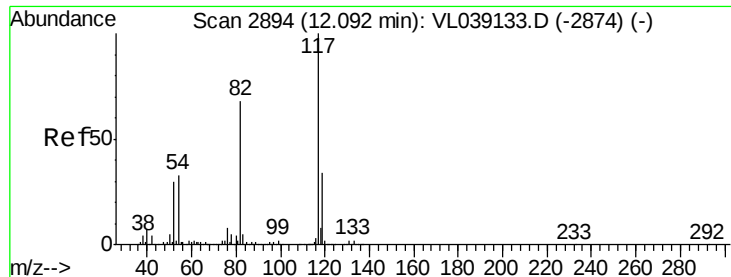
63 26.8 21.7 32.5

88 18.7 14.8 22.2



Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0

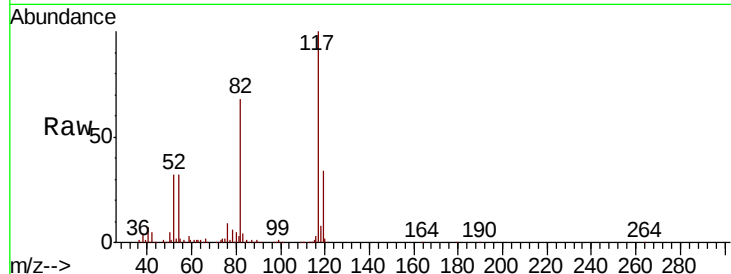




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 8 Jun 2022 3:31

Tot Ion: 117 Resp: 1828224

Ion	Ratio	Lower	Upper
117	100		
82	73.2	55.1	82.7
119	34.2	24.7	37.1

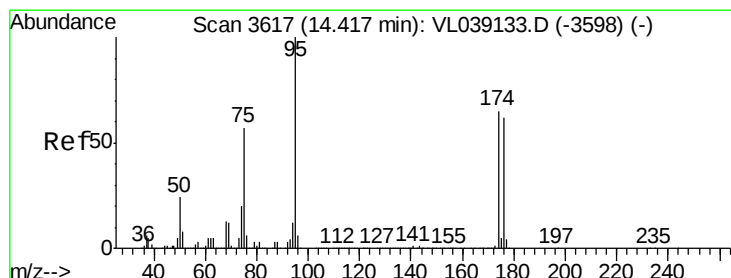
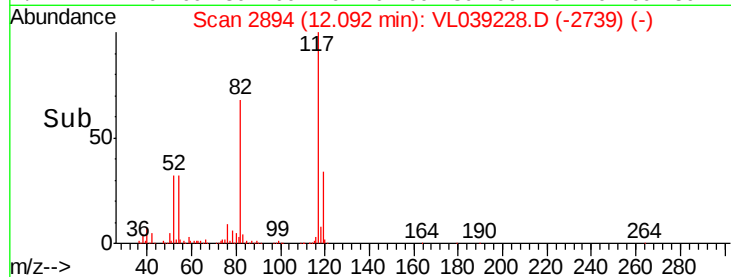
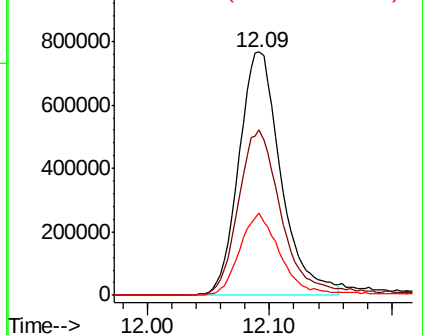


Abundance

Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

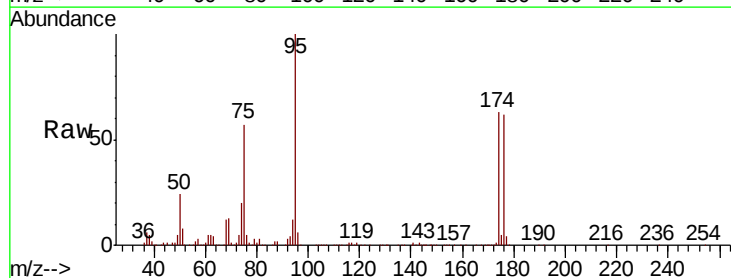
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.535 ppbv
RT: 14.42 min Scan# 3618
Delta R.T.: 0.00 min
Lab File: VL039228.D
Acq: 8 Jun 2022 3:31

Tgt Ion: 95 Resp: 1441234

Ion	Ratio	Lower	Upper
95	100		
174	69.7	53.8	80.8
175	4.9	4.1	6.1



Abundance

Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

