

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033022\
Data File : VL038795.D
Acq On : 30 Mar 2022 14:47
Operator : SY/AP
Sample : VL0330ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0330ABL01

Quant Time: Mar 31 04:17:29 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	848849	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2321660	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	1901234	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1366854	9.38	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.80%

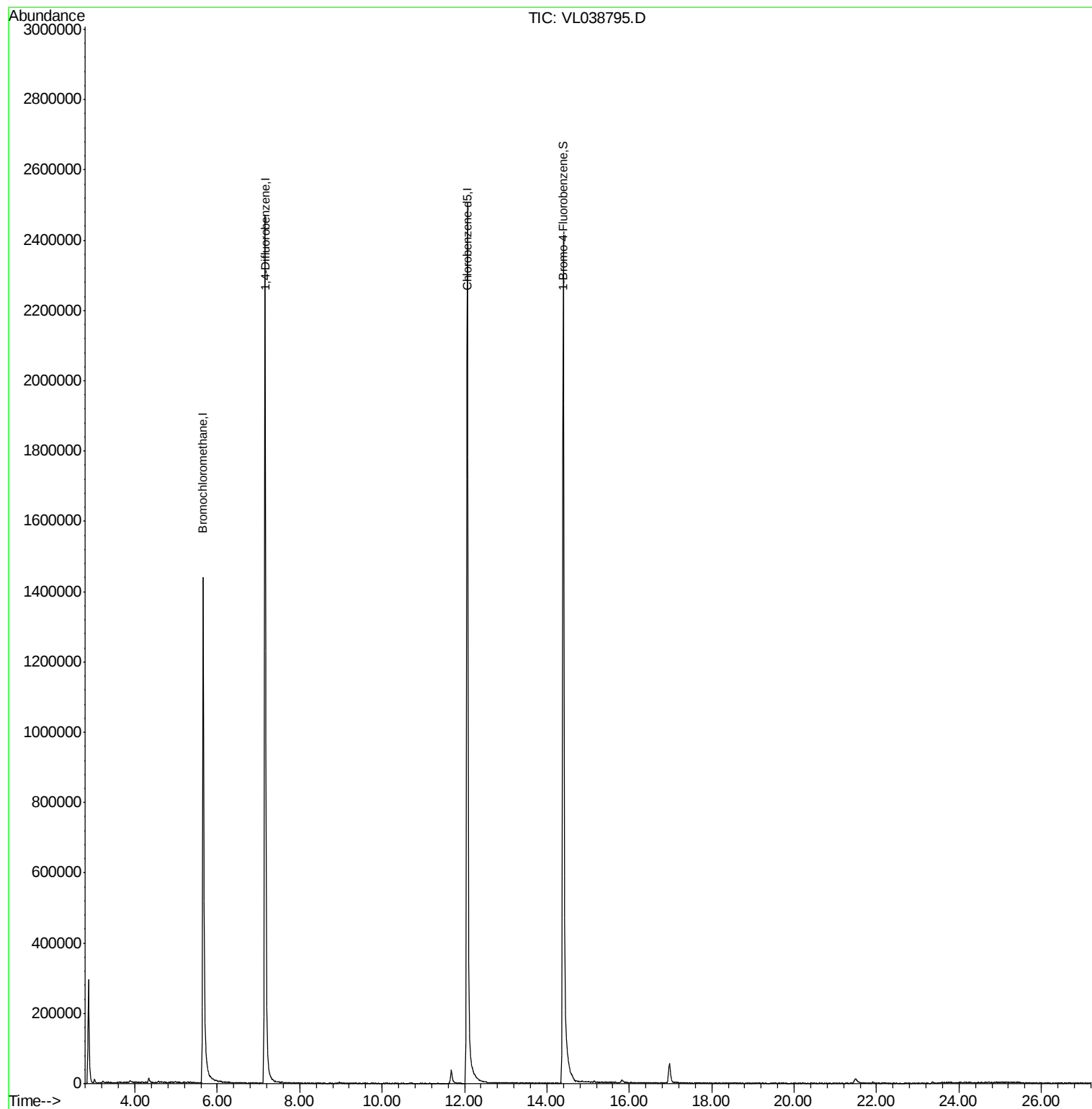
Target Compounds	Ovalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0330ABL01

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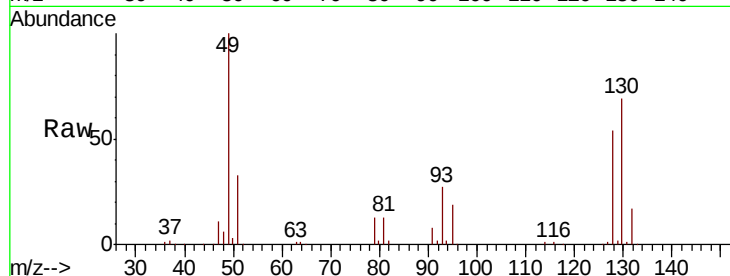
Tot Ion: 49 Resp: 848849

Ion Ratio Lower Upper

49 100

128 56.9 26.2 78.6

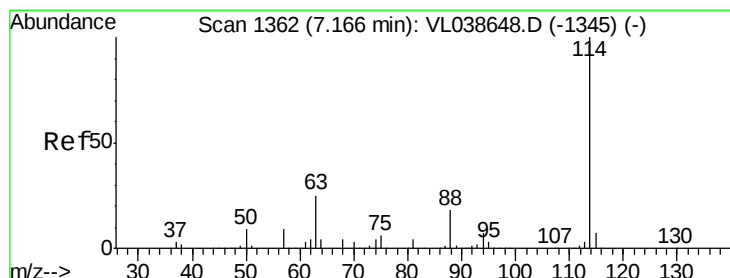
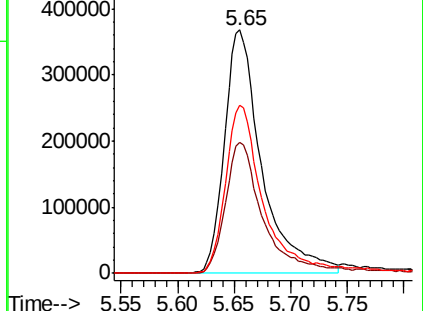
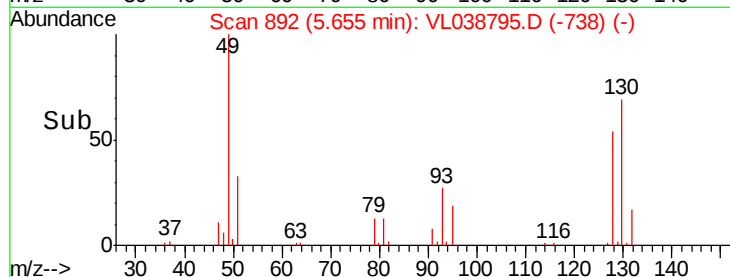
130 73.6 33.7 101.1



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: 10.000 ppbv

RT: 7.16 min Scan# 1360

Delta R.T. -0.01 min

Lab File: VL038795.D

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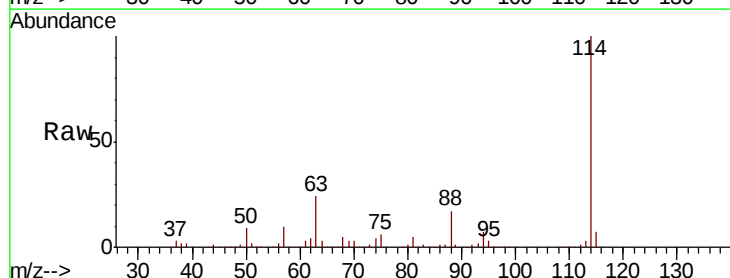
Tgt Ion:114 Resp: 2321660

Ion Ratio Lower Upper

114 100

63 23.2 19.4 29.0

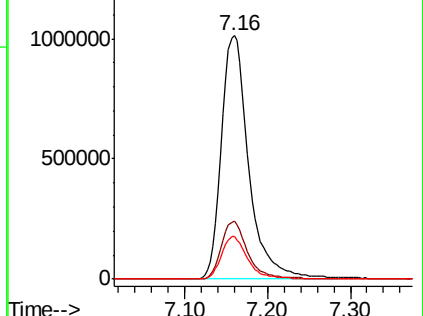
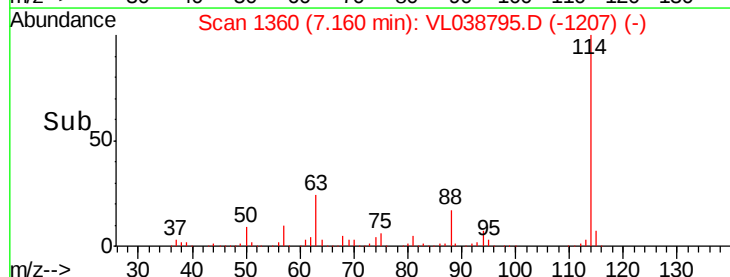
88 17.0 13.9 20.9

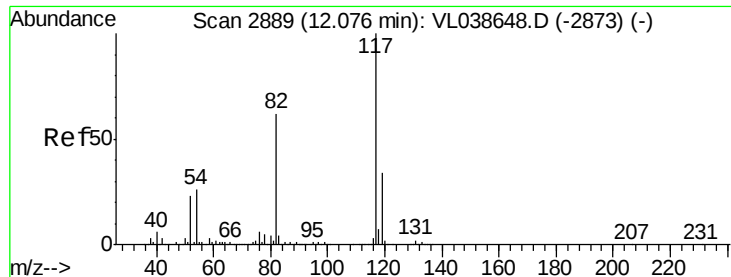


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

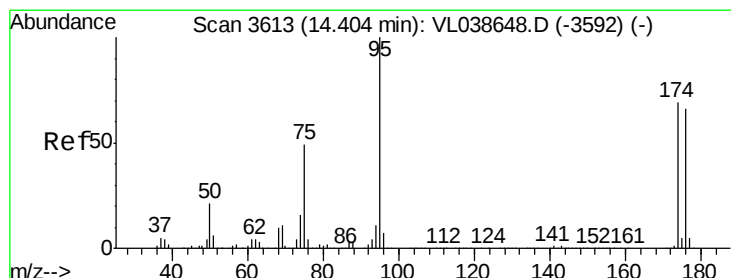
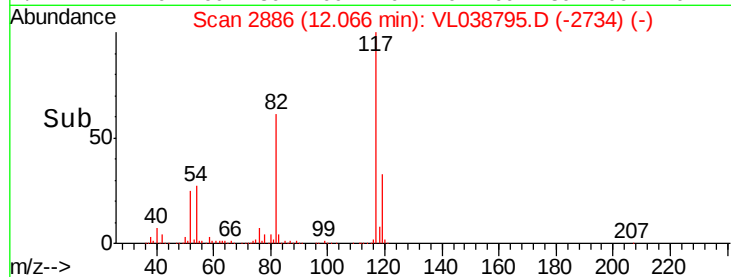
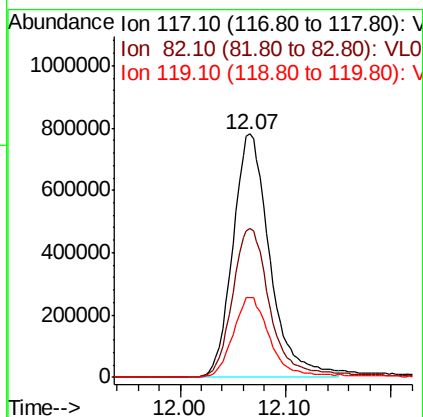
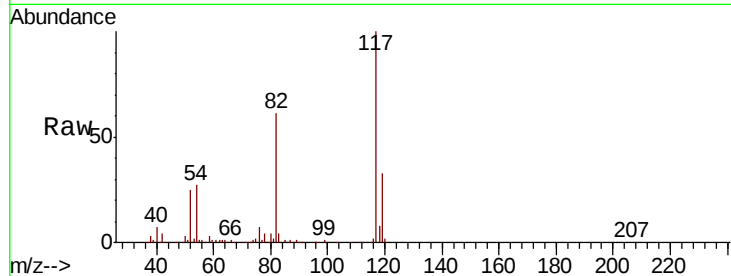
Ion 88.10 (87.80 to 88.80): VL0





#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.07 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0330ABL01
 Acq: 30 Mar 2022 14:47

Tot Ion: 117 Resp: 1901234
 Ion Ratio Lower Upper
 117 100
 82 64.6 51.6 77.4
 119 34.1 26.9 40.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.377 ppbv
 RT: 14.39 min Scan# 3610
 Delta R.T.: -0.01 min
 Lab File: VL038795.D
 Acq: 30 Mar 2022 14:47

Tgt Ion: 95 Resp: 1366854
 Ion Ratio Lower Upper
 95 100
 174 72.6 56.1 84.1
 175 5.4 4.2 6.2

