

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082320\
Data File : VL035499.D
Acq On : 23 Aug 2020 15:20
Operator : SY/AP
Sample : VL0823ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0823ABL01

Quant Time: Aug 24 02:16:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LSun Aug 23 12:40:32 2020
QLast Update : Sun Aug 23 12:40:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1024526	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4485051	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4553331	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	3267193	10.04	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.40%

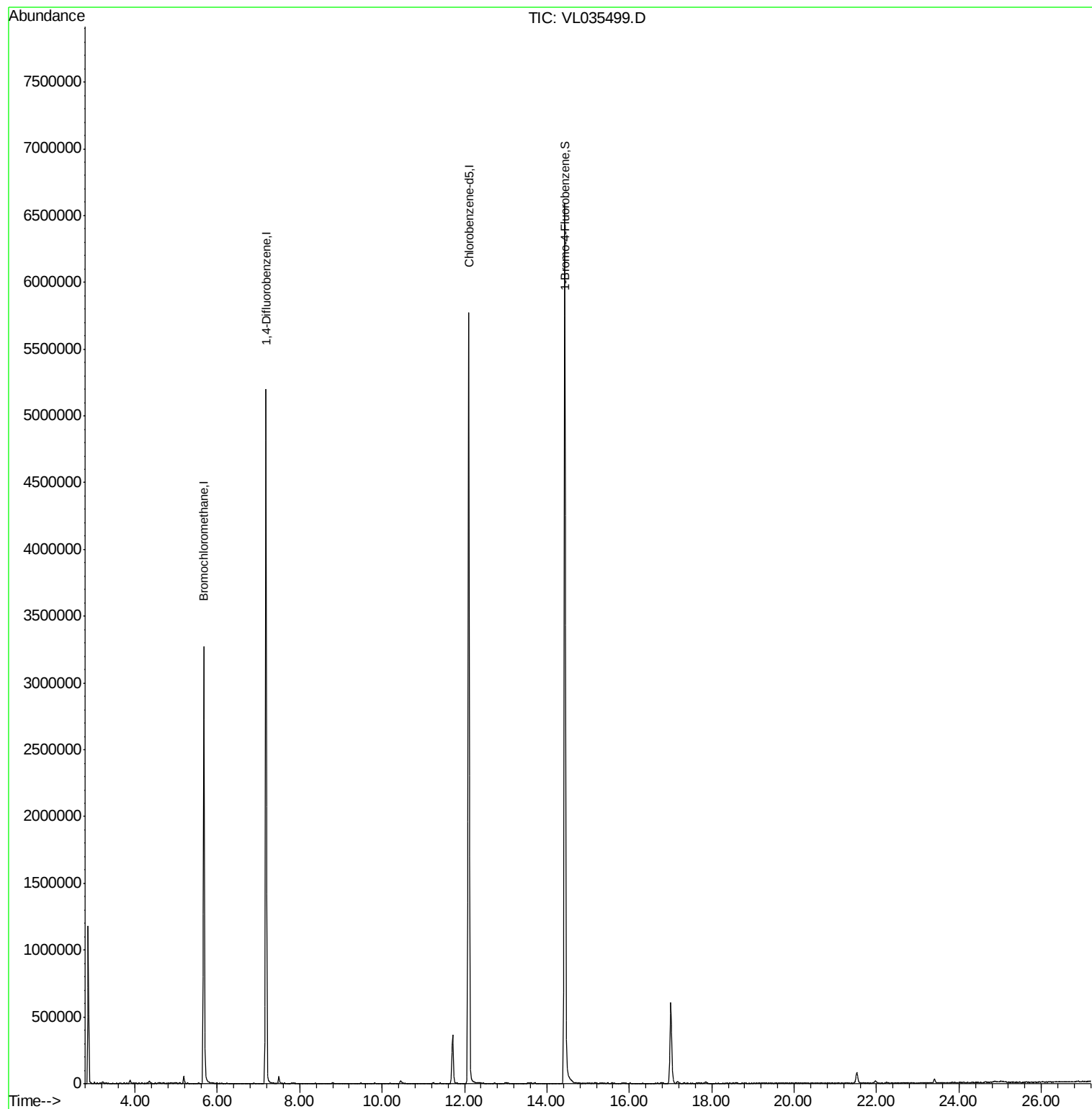
Target Compounds	Ovalue
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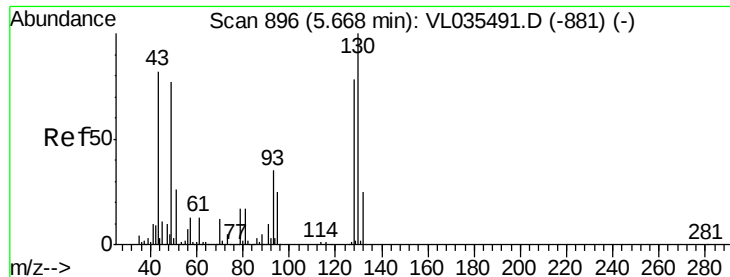
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL082320\
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. 0.00 min

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Instrument :

MSVOA_L

ClientSampleId :

VL0823ABL01

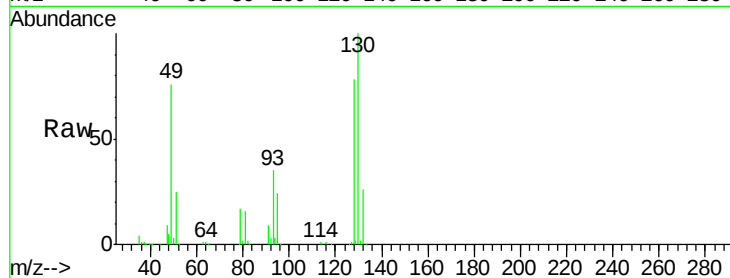
Tot Ion: 49 Resp: 1024526

Ion Ratio Lower Upper

49 100

128 101.3 51.6 154.9

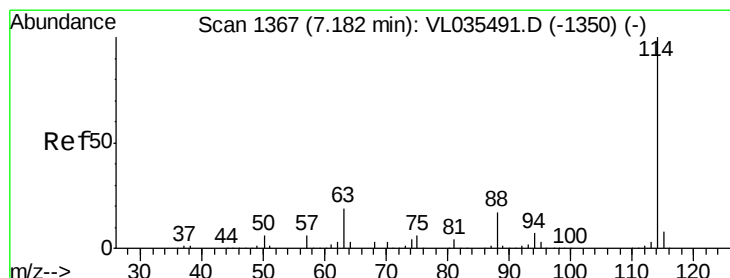
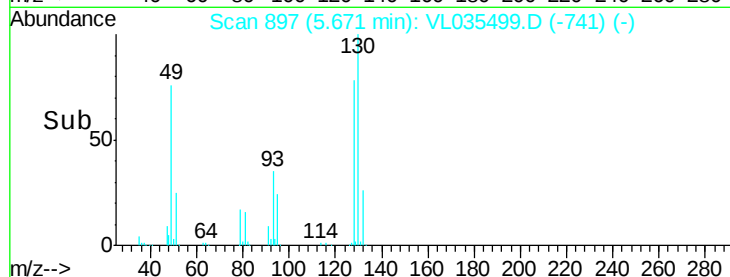
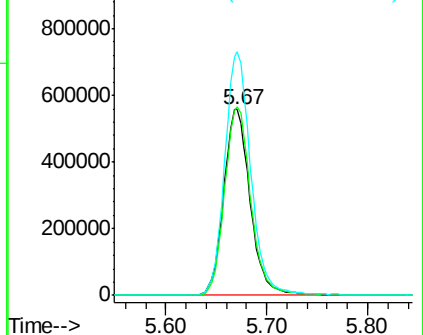
130 129.8 66.1 198.4



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: 7.18 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VL035499.D

Acq: 23 Aug 2020 15:20

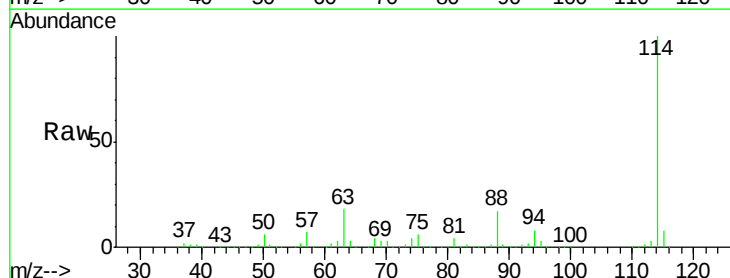
Tgt Ion: 114 Resp: 4485051

Ion Ratio Lower Upper

114 100

63 17.9 14.3 21.5

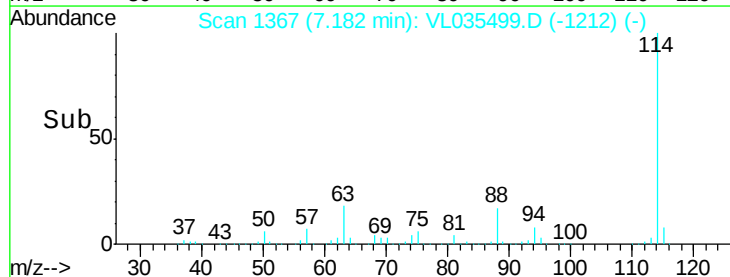
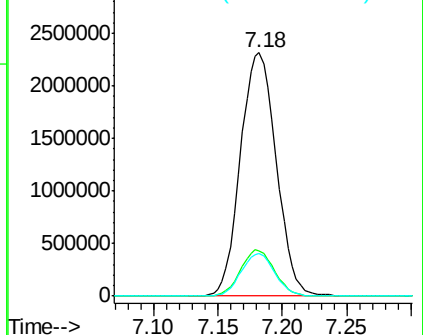
88 16.5 13.2 19.8

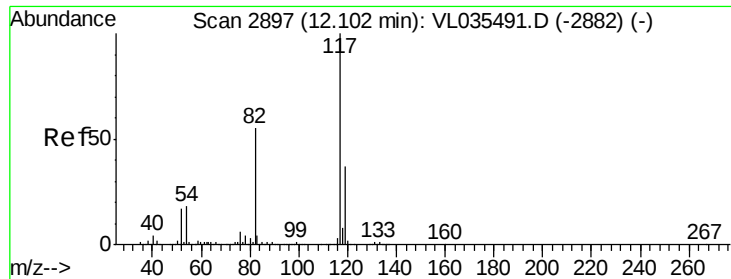


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

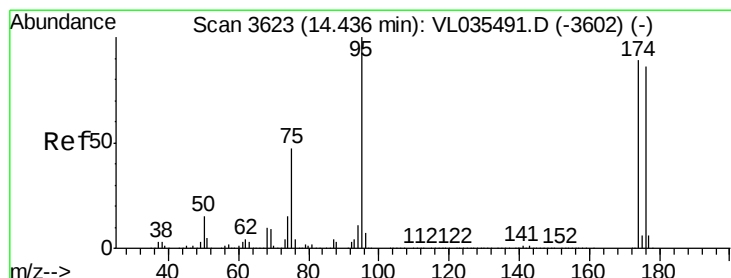
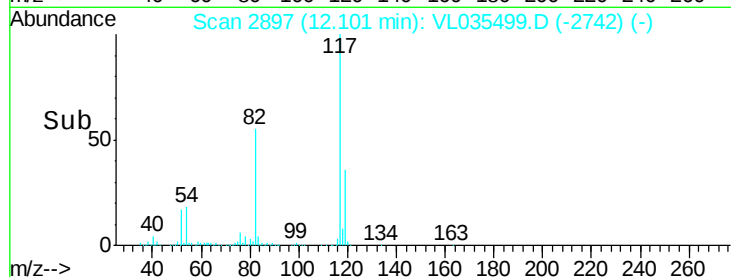
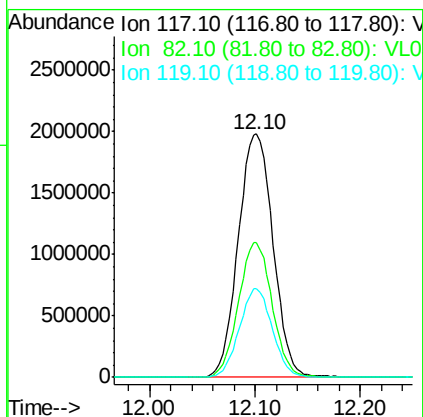
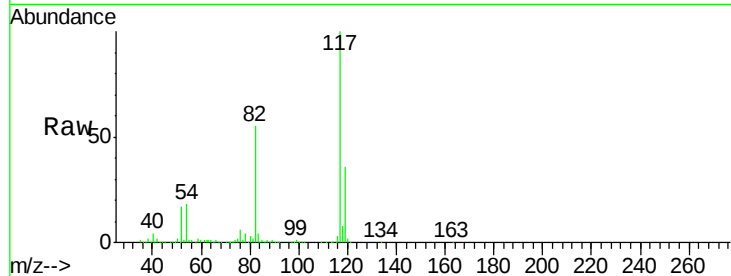




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.00 min
Lab File: VL035499.D
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Instrument :
MSVOA_L
ClientSampleId :
VL0823ABL01

Tot Ion:117 Resp: 4553331
Ion Ratio Lower Upper
117 100
82 53.8 43.9 65.9
119 34.7 30.4 45.6



#68
1-Bromo-4-Fluorobenzene
Concen: 10.041 ppbv
RT: 14.44 min Scan# 3623
Delta R.T. -0.00 min
Lab File: VL035499.D
Acq: 23 Aug 2020 15:20

Tgt Ion: 95 Resp: 3267193
Ion Ratio Lower Upper
95 100
174 91.2 70.9 106.3
175 6.6 5.1 7.7

