

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073120\
Data File : VL035299.D
Acq On : 31 Jul 2020 9:34
Operator : SY/AP
Sample : CAN 10320
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10320

Quant Time: Jul 31 15:25:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 29 07:14:29 2020
QLast Update : Wed Jul 29 07:14:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1002498	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2475742	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2274899	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1864313	10.26	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.60%

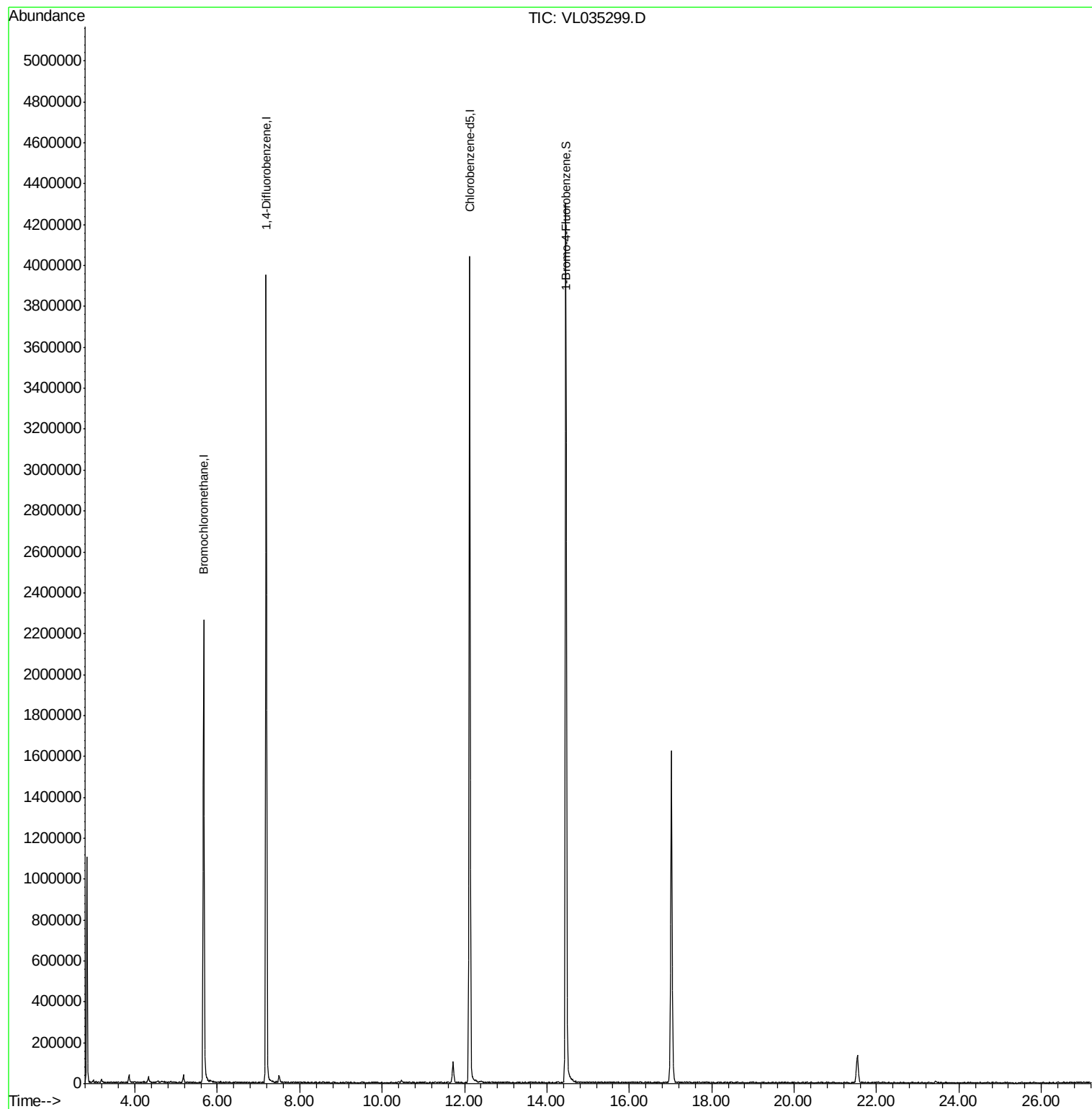
Target Compounds	Ovalue
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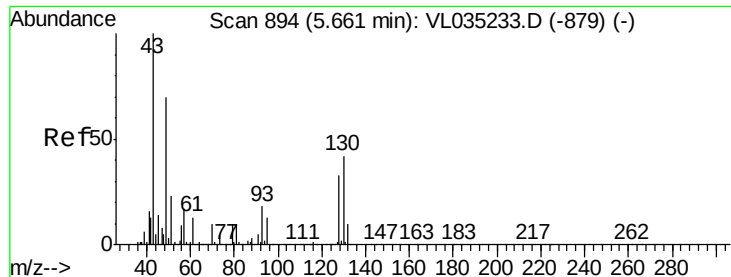
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL073120\
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.01 min

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MSVOA_L

ClientSampleId :

CAN 10320

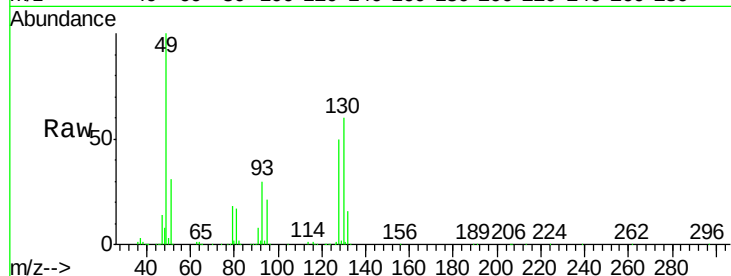
Tot Ion: 49 Resp: 1002498

Ion Ratio Lower Upper

49 100

128 50.1 24.0 72.0

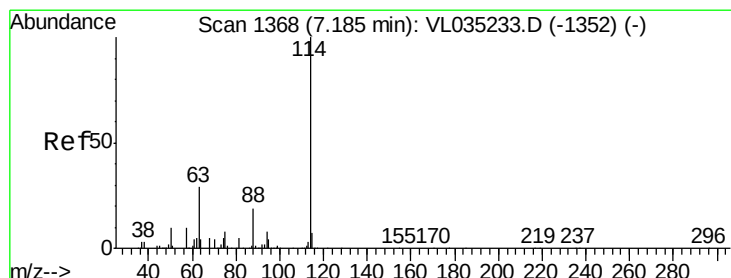
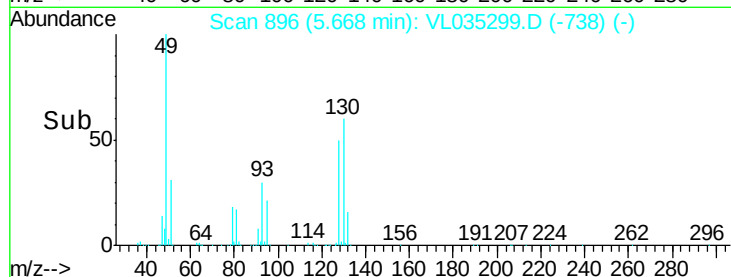
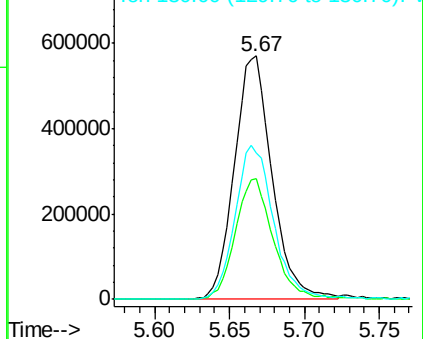
130 65.3 30.7 92.1



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: 7.19 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VL035299.D

Acq: 31 Jul 2020 9:34

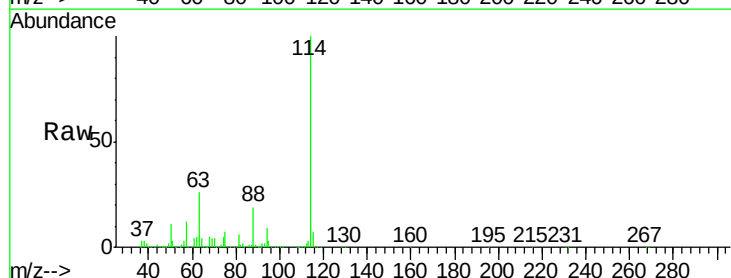
Tgt Ion: 114 Resp: 2475742

Ion Ratio Lower Upper

114 100

63 27.0 22.2 33.2

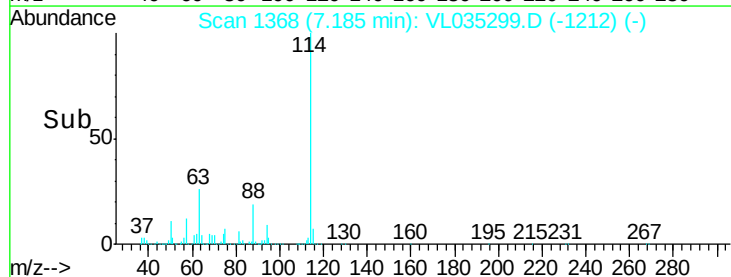
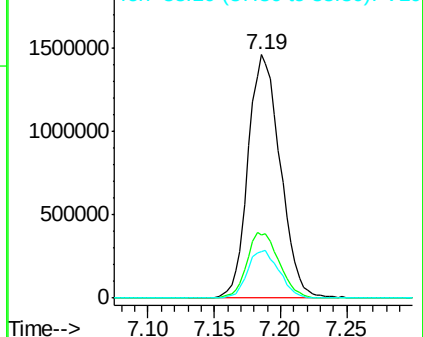
88 19.3 15.4 23.0

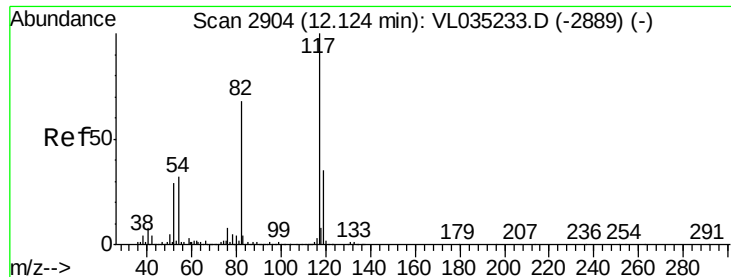


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

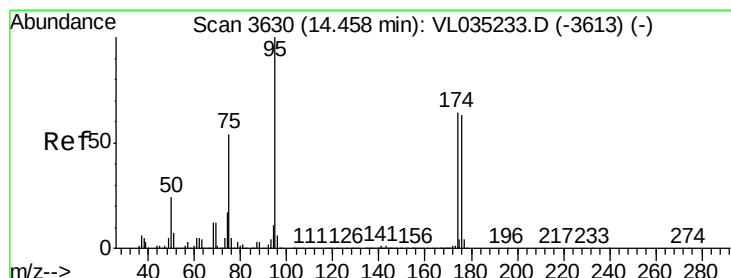
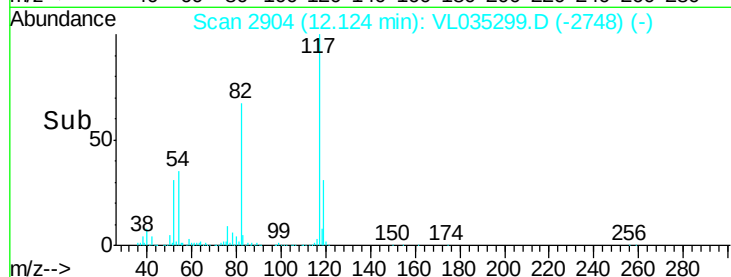
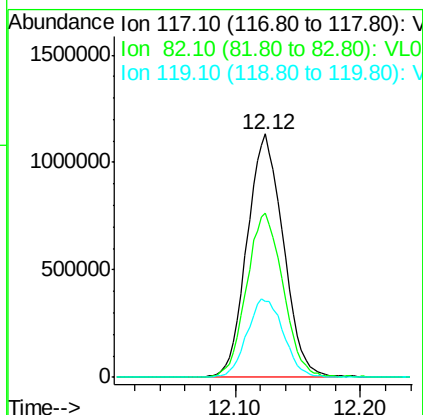
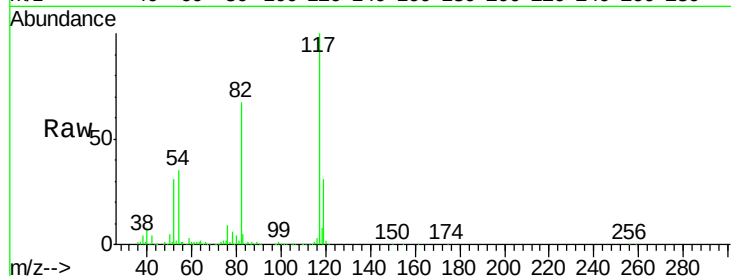




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. 0.00 min
Lab File: VL035299.D
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Instrument :
MSVOA_L
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CAN 10320

Tot Ion:117 Resp: 2274899
Ion Ratio Lower Upper
117 100
82 68.6 52.4 78.6
119 32.8 24.6 36.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.256 ppbv
RT: 14.46 min Scan# 3631
Delta R.T. 0.00 min
Lab File: VL035299.D
Acq: 31 Jul 2020 9:34

Tgt Ion: 95 Resp: 1864313
Ion Ratio Lower Upper
95 100
174 65.4 52.7 79.1
175 4.8 3.9 5.9

