

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111020\
 Data File : VL035898.D
 Acq On : 10 Nov 2020 21:10
 Operator : SY/AP
 Sample : OC102920 CAN 10604
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC102920 CAN 10604

Quant Time: Nov 11 09:38:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1056552	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3814391	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.08	117	3600090	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2553706	9.98	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.80%

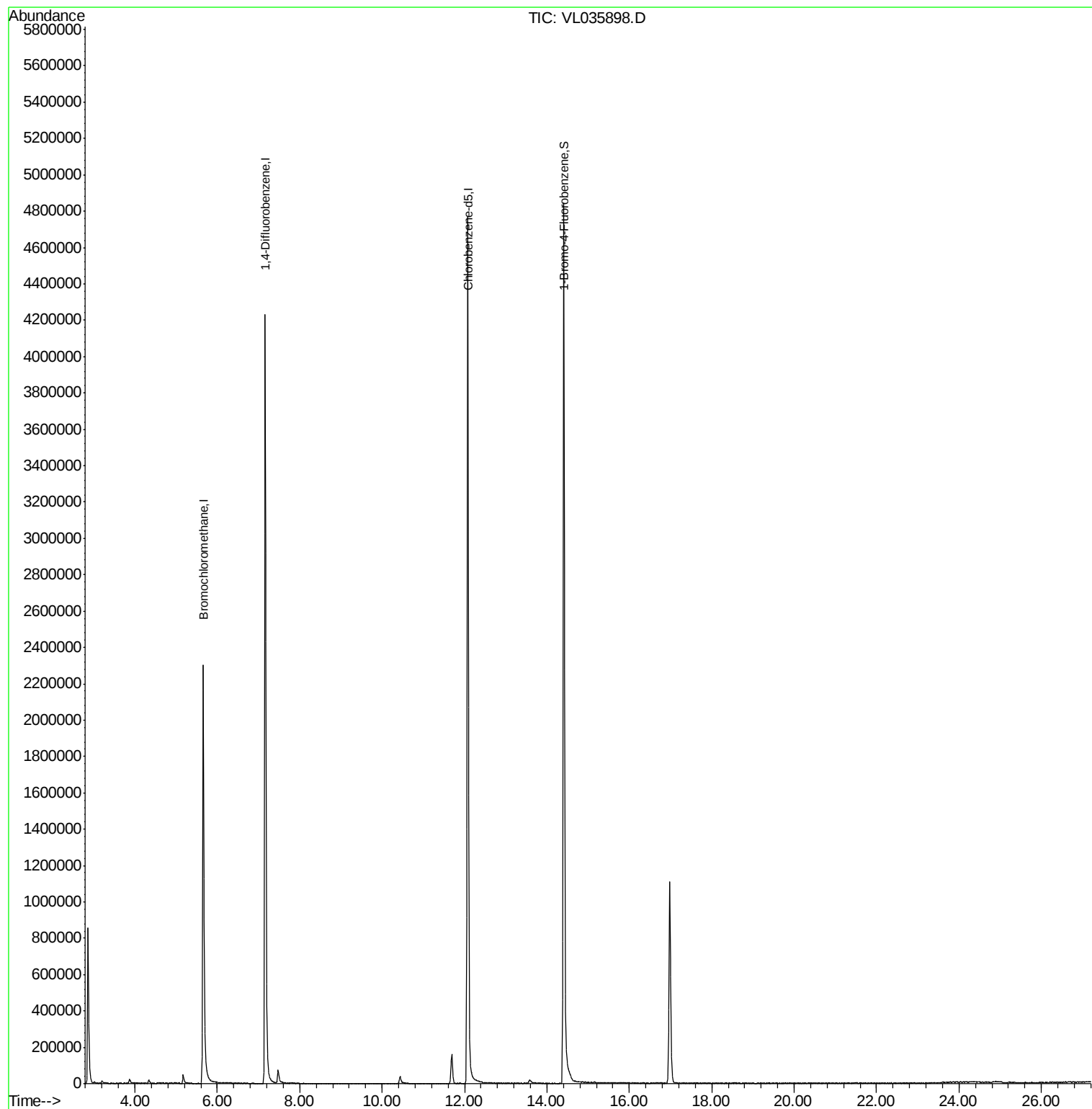
Target Compounds	Ovalue

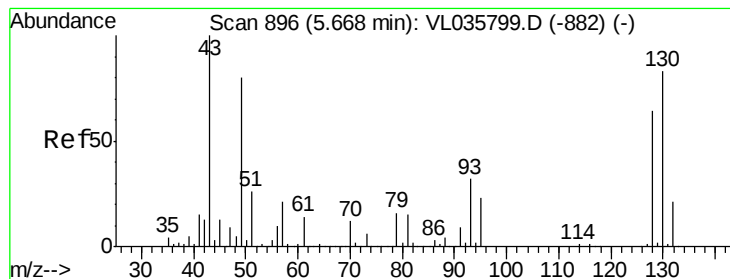
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

QC102920 CAN 10604

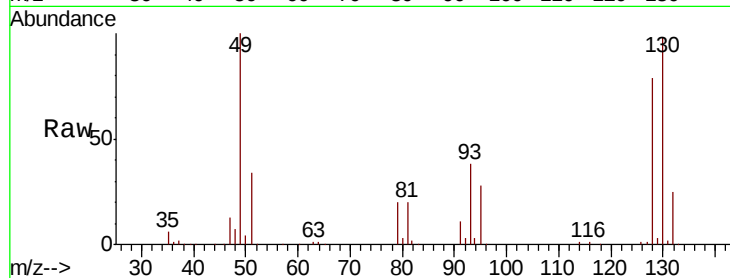
Tot Ion: 49 Resp: 1056552

Ion Ratio Lower Upper

49 100

128 78.7 41.5 124.6

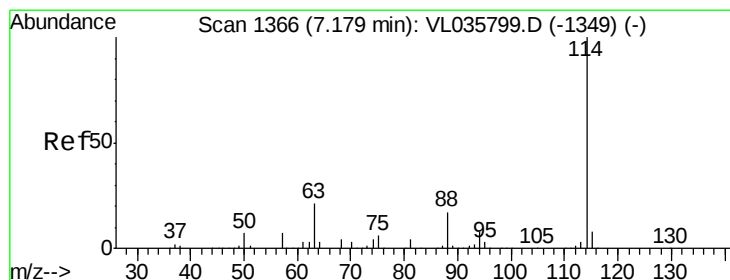
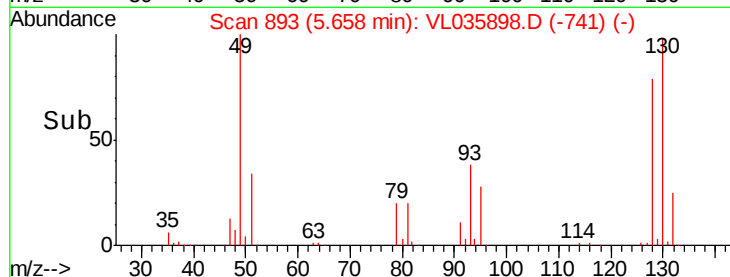
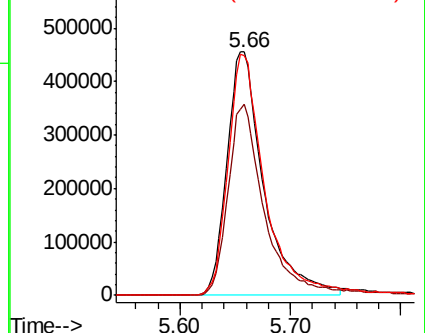
130 102.2 53.7 161.1



Abundance Ion 49.10 (48.80 to 49.80): VL035799.D (-882) (-)

Ion 128.00 (127.70 to 128.70): VL035799.D (-882) (-)

Ion 130.00 (129.70 to 130.70): VL035799.D (-882) (-)



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 min Scan# 1361

Delta R.T. -0.02 min

Lab File: VL035898.D

Acq: 10 Nov 2020 21:10

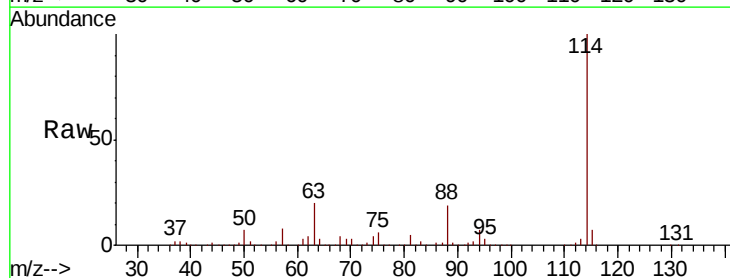
Tgt Ion: 114 Resp: 3814391

Ion Ratio Lower Upper

114 100

63 20.6 16.1 24.1

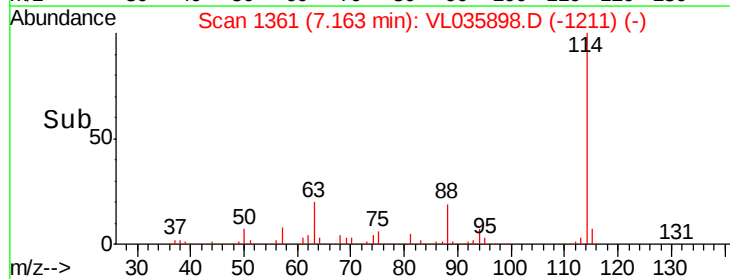
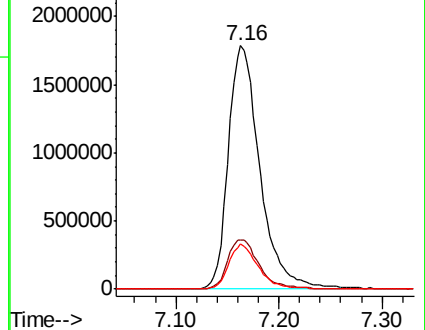
88 17.6 13.7 20.5

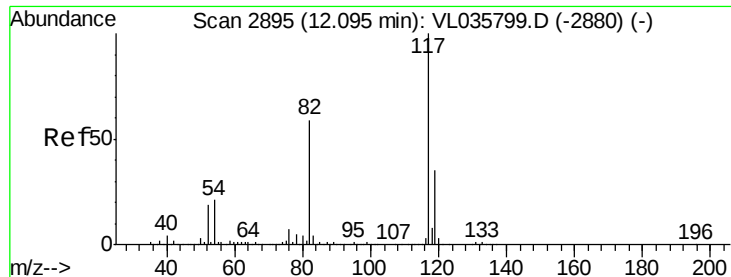


Abundance Ion 114.10 (113.80 to 114.80): VL035799.D (-1349) (-)

Ion 63.10 (62.80 to 63.80): VL035799.D (-1349) (-)

Ion 88.10 (87.80 to 88.80): VL035799.D (-1349) (-)

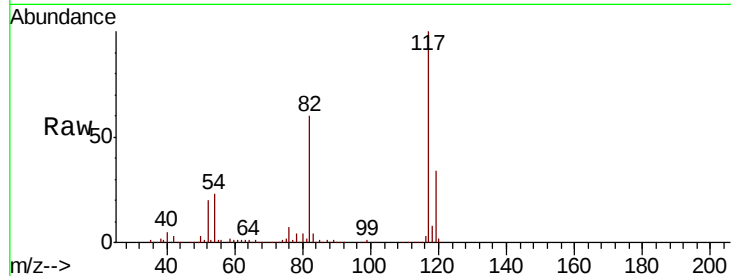




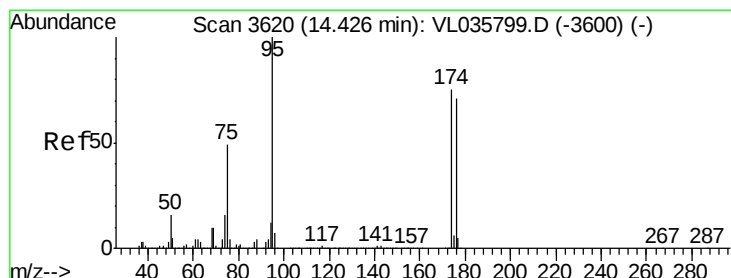
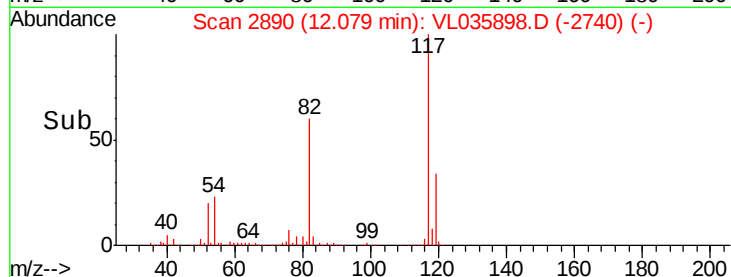
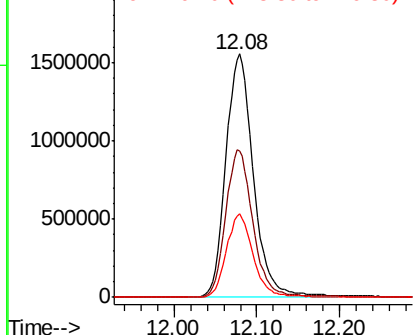
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. -0.02 min
Lab File: VL035898.D
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Tot Ion:117 Resp: 3600090
Ion Ratio Lower Upper
117 100
82 60.3 50.6 76.0
119 33.4 52.6 78.8#

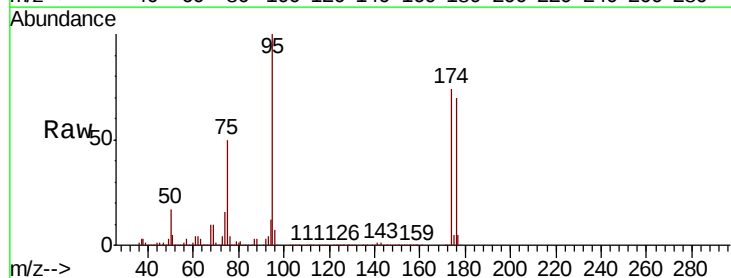


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.984 ppbv
RT: 14.41 min Scan# 3615
Delta R.T. -0.02 min
Lab File: VL035898.D
Acq: 10 Nov 2020 21:10

Tgt Ion: 95 Resp: 2553706
Ion Ratio Lower Upper
95 100
174 76.4 59.8 89.6
175 5.4 4.3 6.5



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

