

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070219\
Data File : VL033997.D
Acq On : 2 Jul 2019 22:37
Operator : SY/AP
Sample : VL0702ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0702ABL01

Quant Time: Jul 03 04:42:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070219AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Jul 02 19:31:31 2019
QLast Update : Tue Jul 02 19:31:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.73	49	1123262	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.26	114	2935087	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.20	117	2926822	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.54	95	2333051	9.35	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.50%

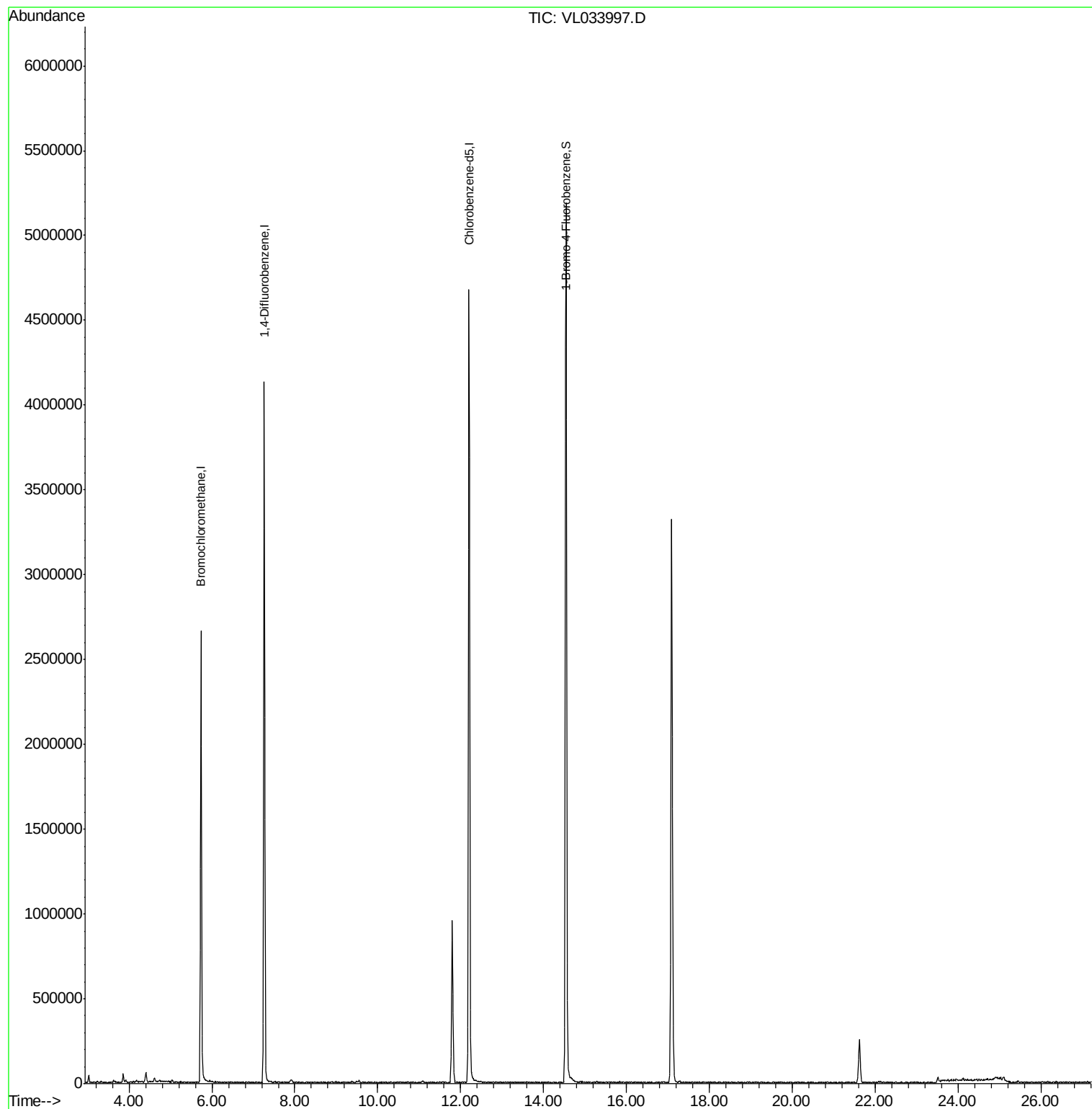
Target Compounds	Ovalue
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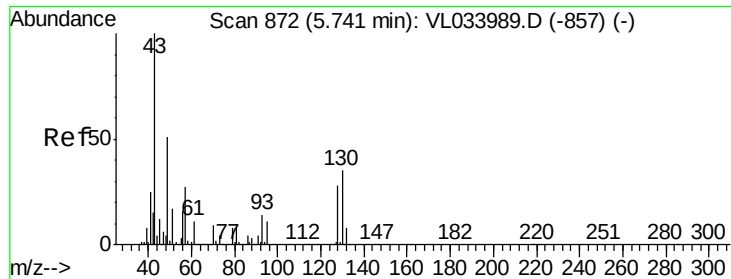
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.73 min Scan# 870

Delta R.T. -0.01 min

Lab File: VL033997.D

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Instrument :

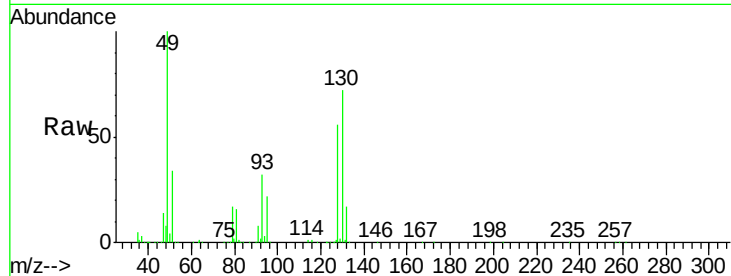
MSVOA_L

ClientSampleId :

VL0702ABL01

Tot Ion: 49 Resp: 1123262

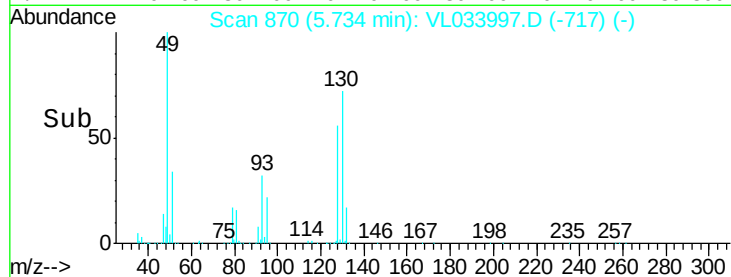
Ion	Ratio	Lower	Upper
49	100		
128	56.8	27.9	83.6
130	72.4	35.8	107.4



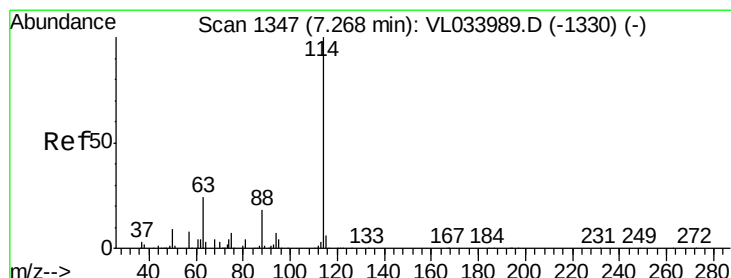
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



Time-->



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.26 min Scan# 1345

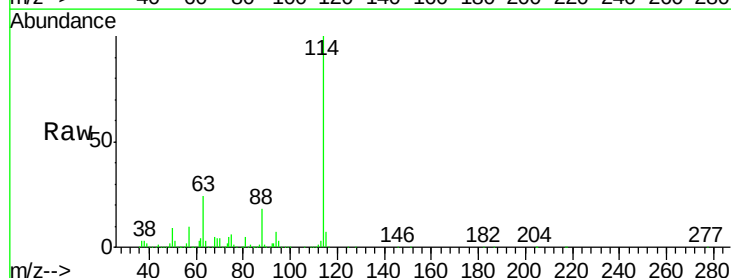
Delta R.T. -0.01 min

Lab File: VL033997.D

Acq: 2 Jul 2019 22:37

Tgt Ion: 114 Resp: 2935087

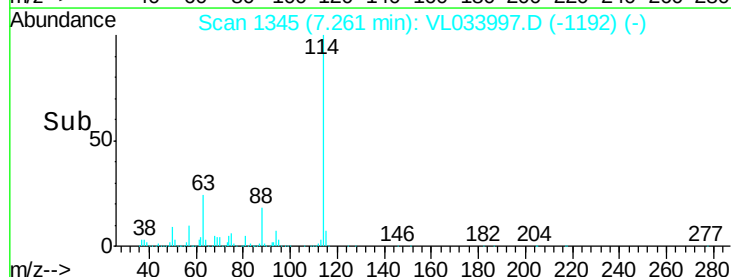
Ion	Ratio	Lower	Upper
114	100		
63	25.0	20.2	30.2
88	17.6	14.1	21.1



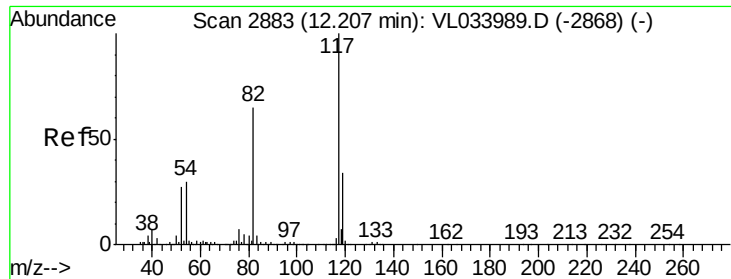
Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



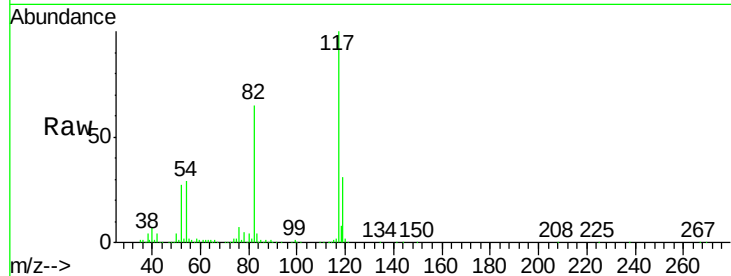
Time-->



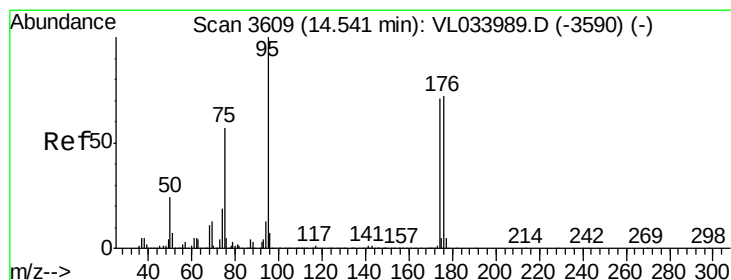
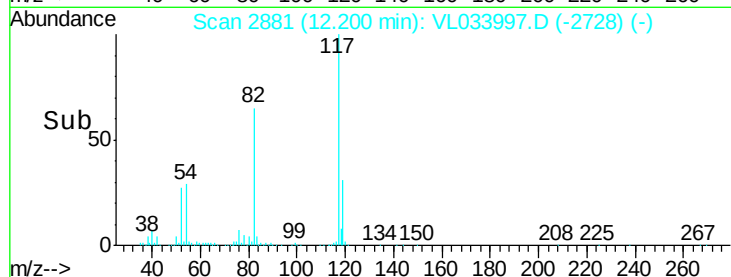
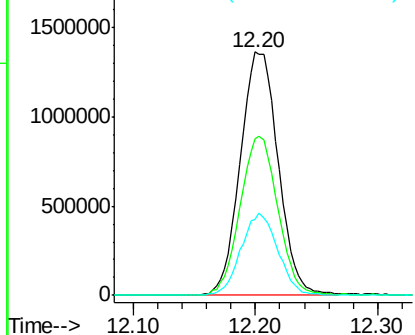
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.20 min Scan# 2881
Delta R.T. -0.01 min
Lab File: VL033997.D
Acq: 2 Jul 2019 22:37

Instrument :
MSVOA_L
ClientSampleId :
VL0702ABL01

Tot Ion:117 Resp: 2926822
Ion Ratio Lower Upper
117 100
82 65.5 50.8 76.2
119 32.9 24.0 36.0

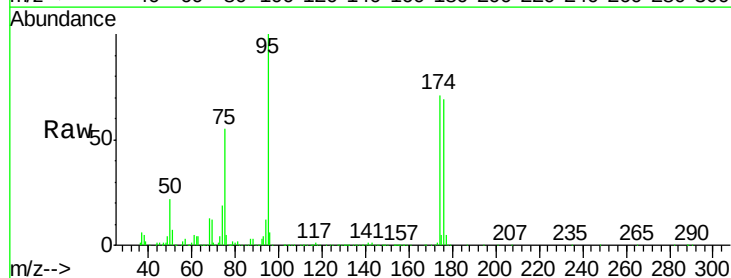


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.346 ppbv
RT: 14.54 min Scan# 3609
Delta R.T. -0.00 min
Lab File: VL033997.D
Acq: 2 Jul 2019 22:37

Tgt Ion: 95 Resp: 2333051
Ion Ratio Lower Upper
95 100
174 72.1 60.5 90.7
175 5.2 4.0 6.0



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

