

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061319\
 Data File : VL033904.D
 Acq On : 13 Jun 2019 19:24
 Operator : SY/AP
 Sample : OC061219 CAN 10490
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC061219 CAN 10490

Quant Time: Jun 14 06:57:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Jun 07 08:53:27 2019
 QLast Update : Fri Jun 07 08:53:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	795132	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.27	114	1967333	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.22	117	1849666	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.56	95	1442076	9.49	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.90%

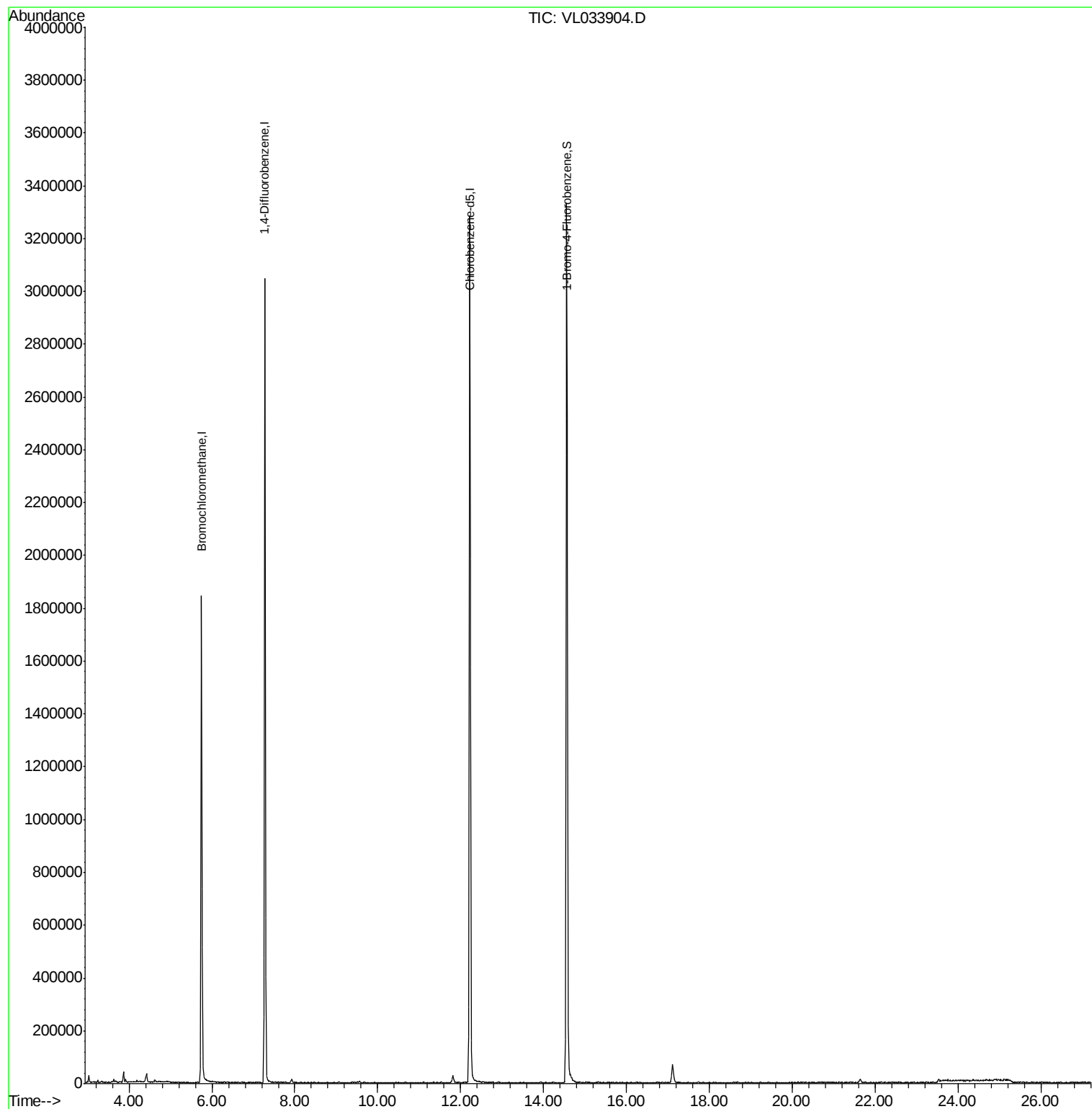
Target Compounds	Ovalue

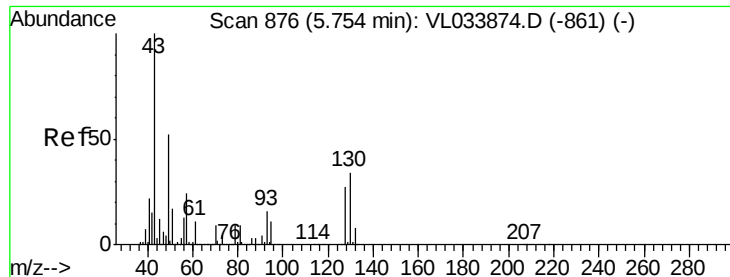
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.75 min Scan# 874

Delta R.T. -0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

QC061219 CAN 10490

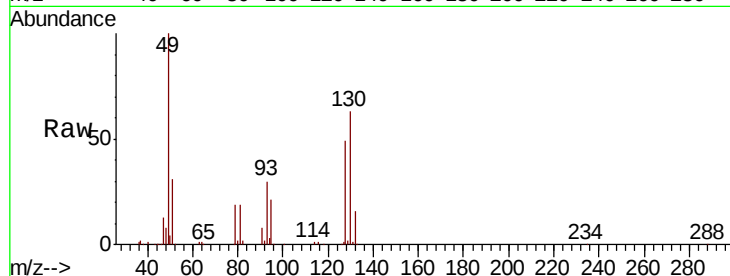
Tot Ion: 49 Resp: 795132

Ion Ratio Lower Upper

49 100

128 50.9 25.5 76.5

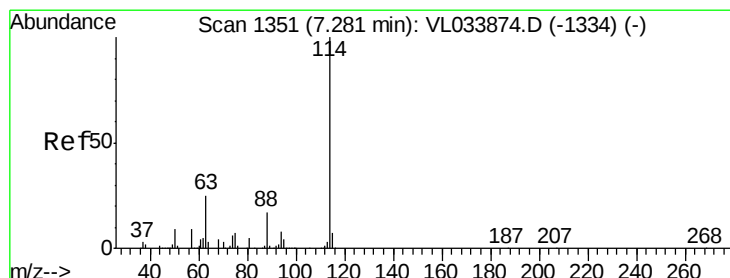
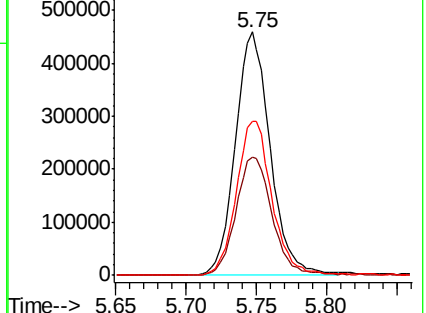
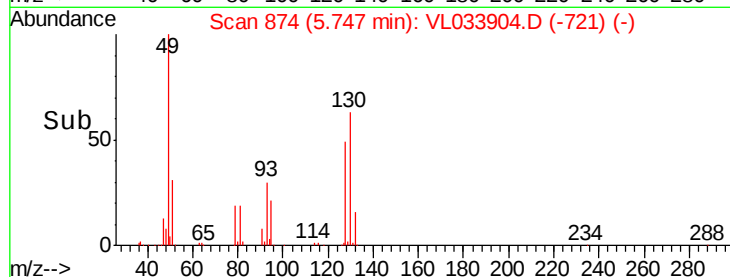
130 65.4 32.5 97.4



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: 7.27 min Scan# 1349

Delta R.T. -0.01 min

Lab File: VL033904.D

Acq: 13 Jun 2019 19:24

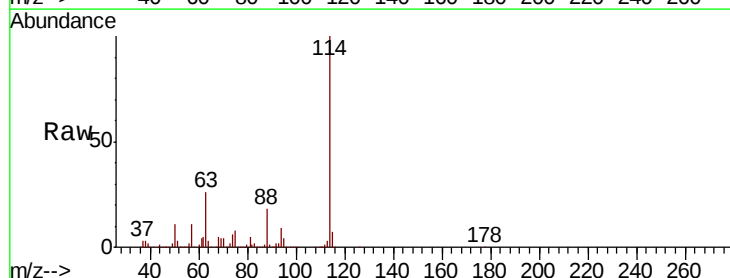
Tgt Ion: 114 Resp: 1967333

Ion Ratio Lower Upper

114 100

63 26.7 21.1 31.7

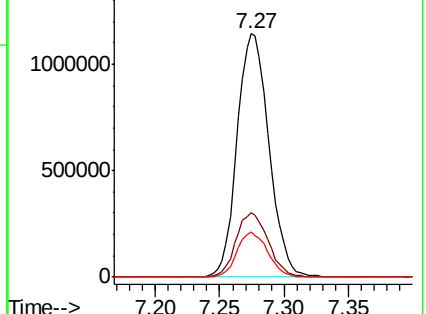
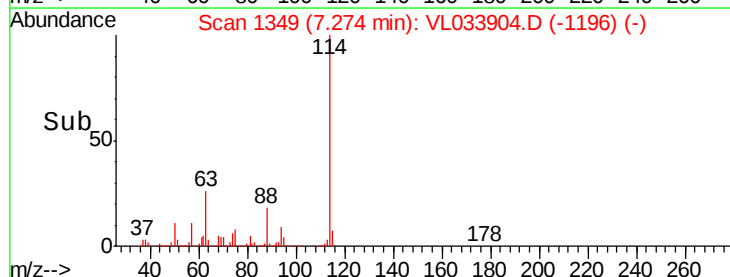
88 17.9 14.2 21.4

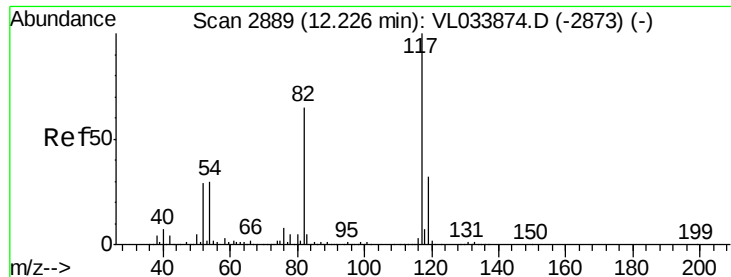


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

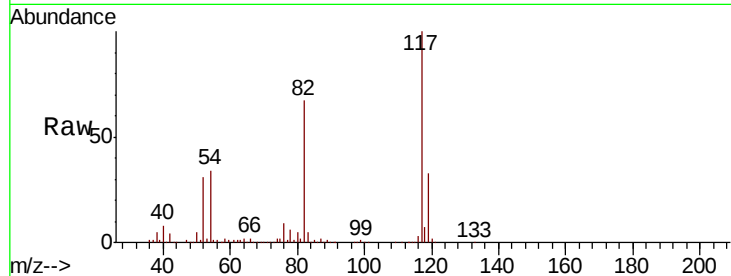




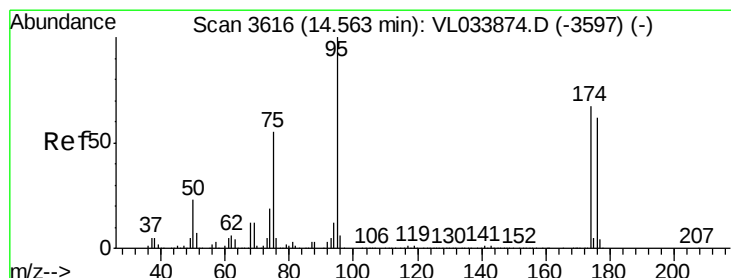
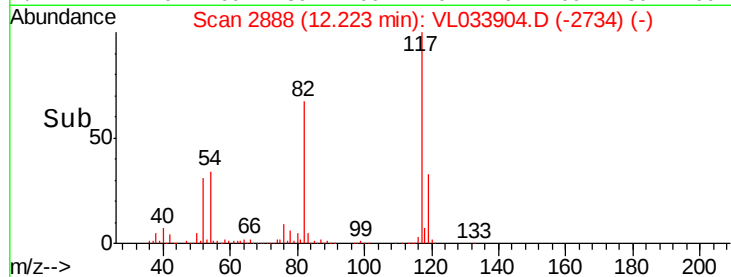
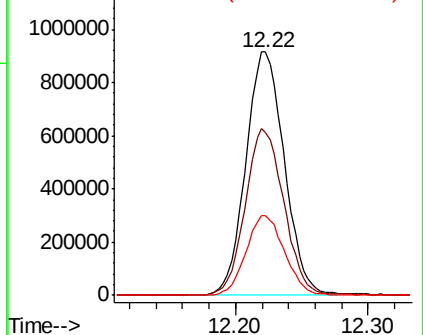
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.22 min Scan# 2888
Delta R.T. -0.00 min
Lab File: VL033904.D
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Instrument :
MSVOA_L
ClientSampleId :
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Tot Ion:117 Resp: 1849666
Ion Ratio Lower Upper
117 100
82 69.0 50.2 75.2
119 32.9 24.8 37.2

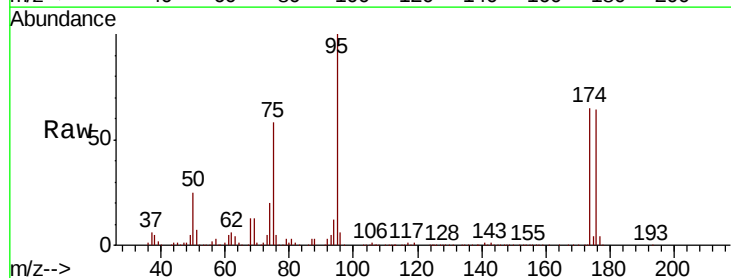


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.492 ppbv
RT: 14.56 min Scan# 3615
Delta R.T. -0.00 min
Lab File: VL033904.D
Acq: 13 Jun 2019 19:24

Tgt Ion: 95 Resp: 1442076
Ion Ratio Lower Upper
95 100
174 65.4 54.0 81.0
175 4.6 3.8 5.8



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

