

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032719\
Data File : VL033465.D
Acq On : 27 Mar 2019 12:50
Operator : SY/AP
Sample : VL0327ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0327ABL01

Quant Time: Mar 28 07:29:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 26 16:00:50 2019
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	795264	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	1823790	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	1838818	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1446595	10.03	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.30%

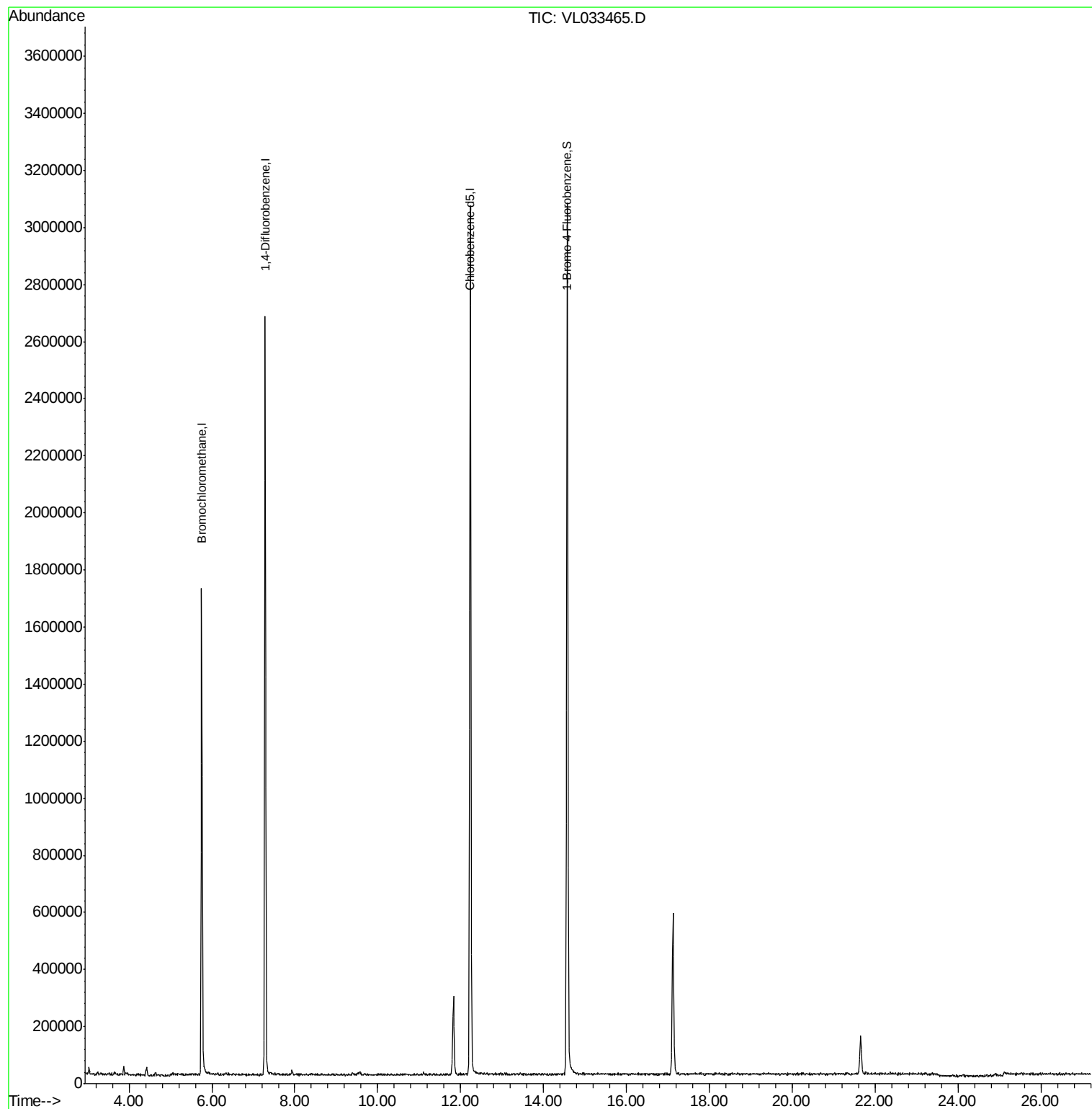
Target Compounds	Ovalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

VL0327ABL01

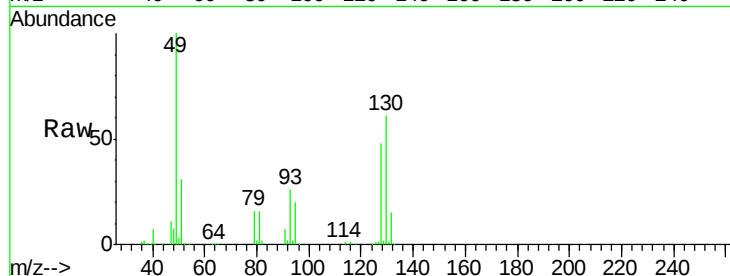
Tot Ion: 49 Resp: 795264

Ion Ratio Lower Upper

49 100

128 48.8 24.0 72.0

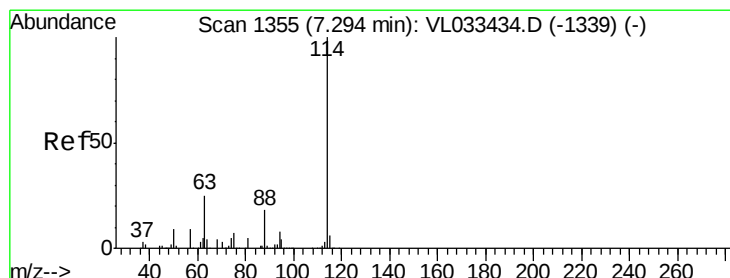
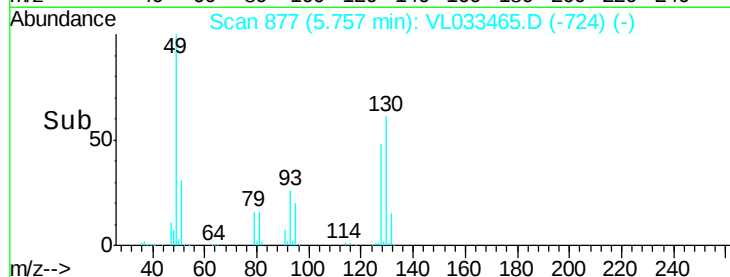
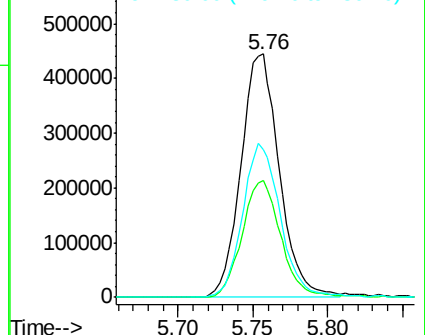
130 62.7 31.2 93.6



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: 7.28 min Scan# 1352

Delta R.T. -0.01 min

Lab File: VL033465.D

Acq: 27 Mar 2019 12:50

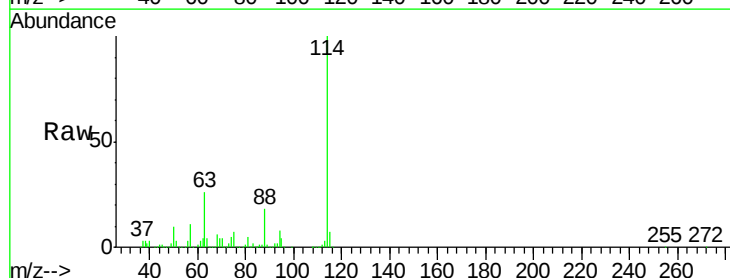
Tgt Ion: 114 Resp: 1823790

Ion Ratio Lower Upper

114 100

63 26.8 21.5 32.3

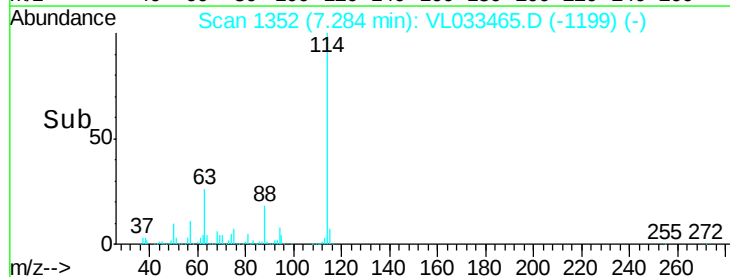
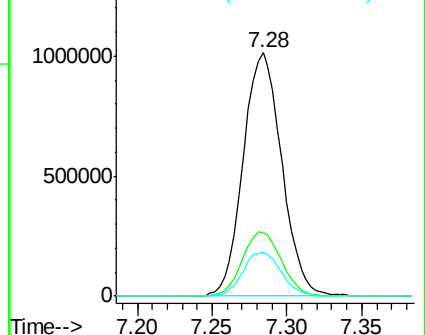
88 18.0 14.5 21.7

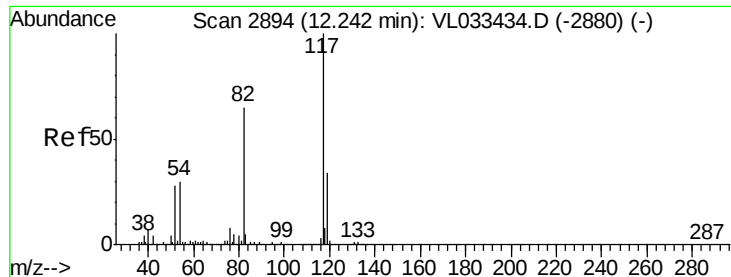


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

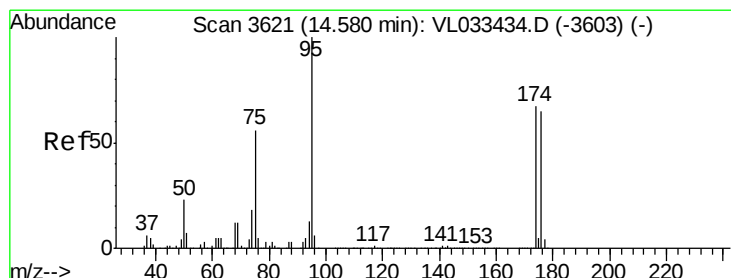
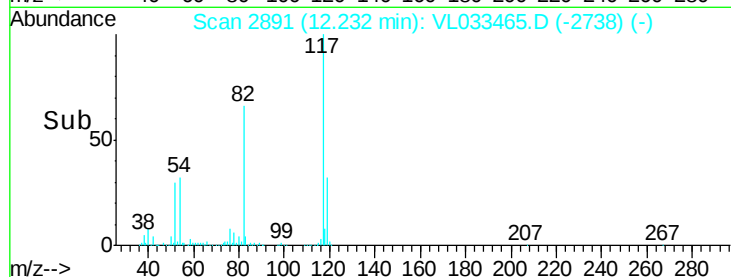
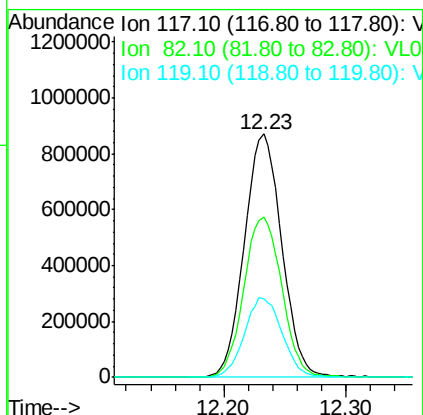
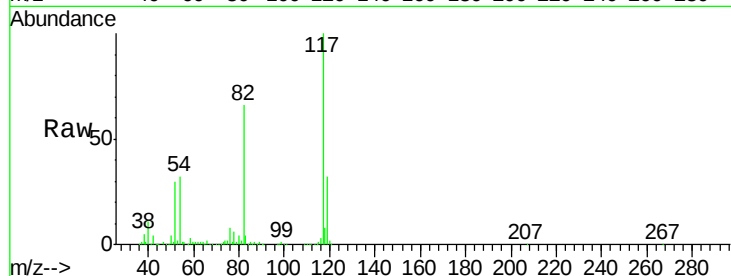




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL033465.D
Acq: 27 Mar 2019 12:50

Instrument :
MSVOA_L
ClientSampleId :
VL0327ABL01

Tot Ion:117 Resp: 1838818
Ion Ratio Lower Upper
117 100
82 67.5 51.5 77.3
119 33.1 25.5 38.3



#68
1-Bromo-4-Fluorobenzene
Concen: 10.035 ppbv
RT: 14.57 min Scan# 3618
Delta R.T. -0.01 min
Lab File: VL033465.D
Acq: 27 Mar 2019 12:50

Tgt Ion: 95 Resp: 1446595
Ion Ratio Lower Upper
95 100
174 66.2 52.9 79.3
175 4.8 3.8 5.6

