

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050619\
Data File : VL033662.D
Acq On : 6 May 2019 17:12
Operator : SY/AP
Sample : VL0506ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0506ABL01

Quant Time: May 07 04:17:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon May 06 15:19:01 2019
QLast Update : Mon May 06 15:19:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	940141	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2313324	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2396151	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	2241561	11.41	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	114.10%

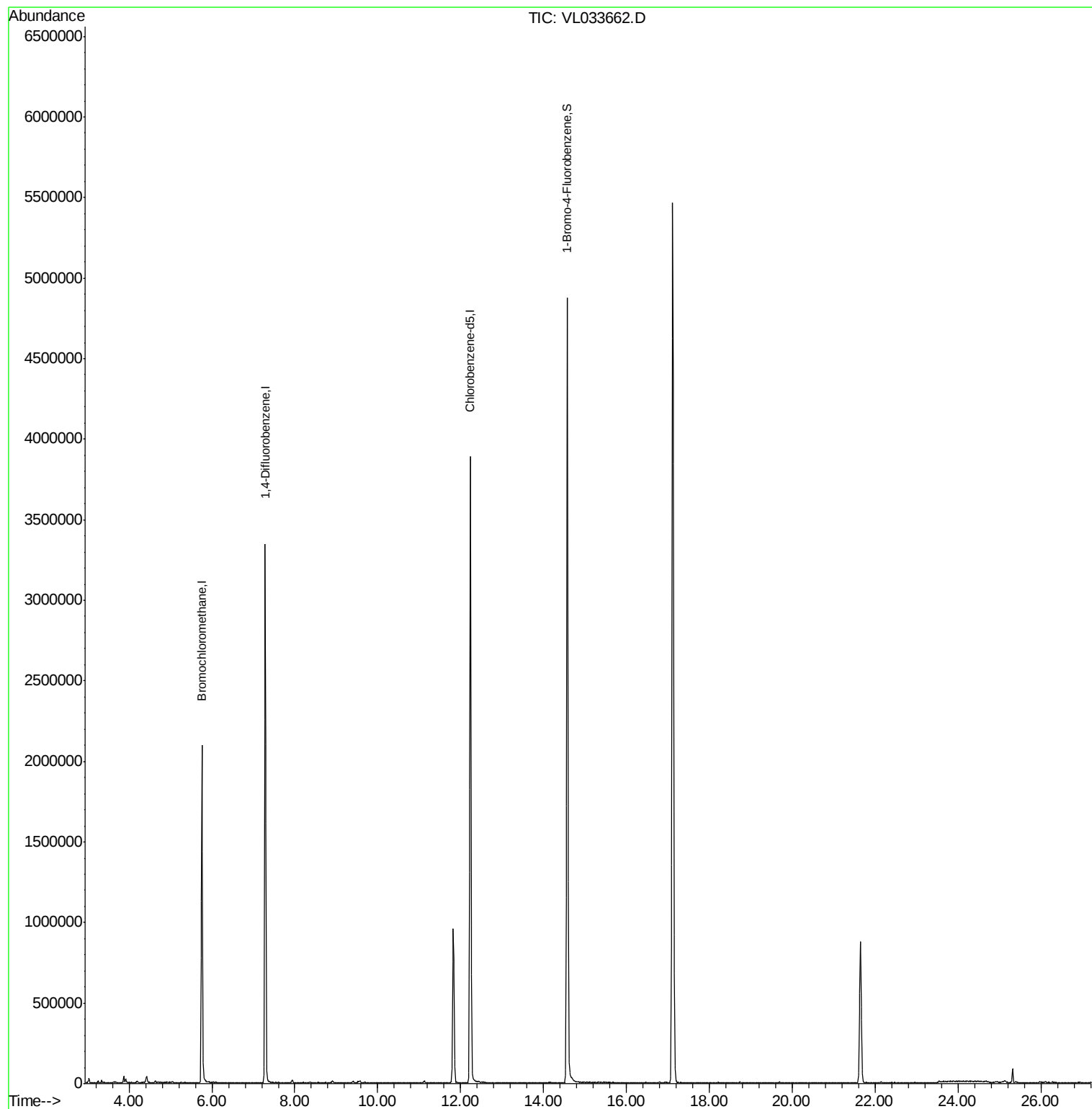
Target Compounds	Ovalue
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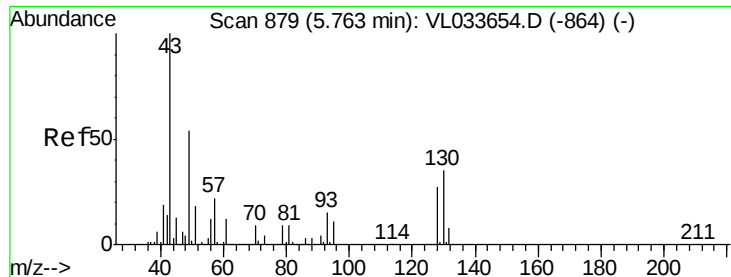
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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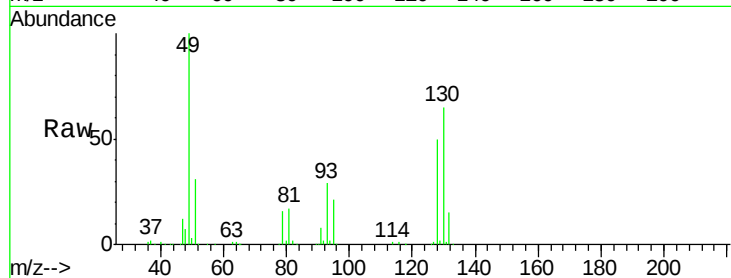
Tot Ion: 49 Resp: 940141

Ion Ratio Lower Upper

49 100

128 49.8 24.8 74.3

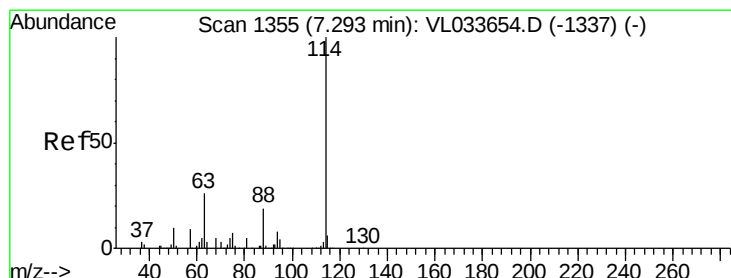
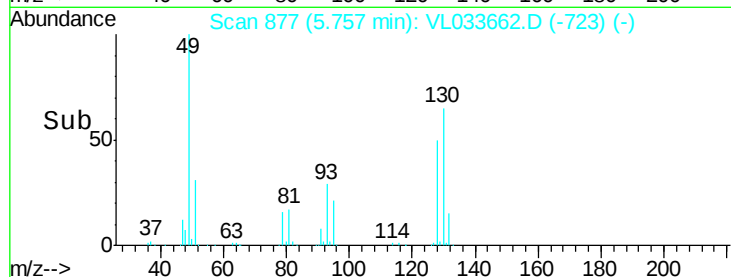
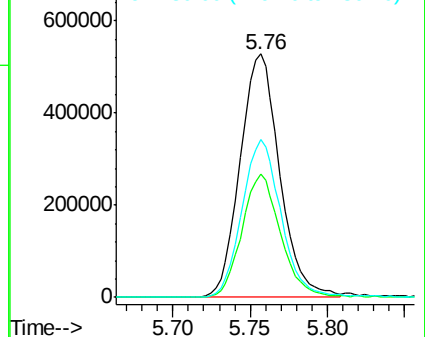
130 64.9 32.1 96.5



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



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.29 min Scan# 1353

Delta R.T. -0.01 min

Lab File: VL033662.D

Acq: 6 May 2019 17:12

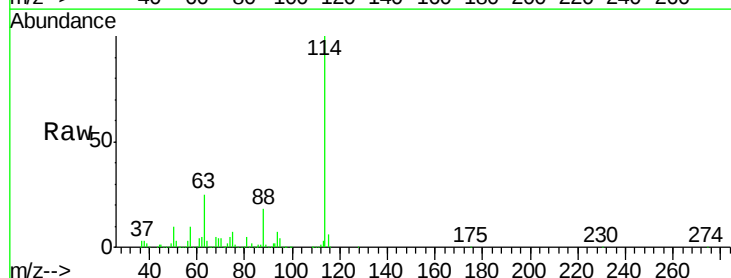
Tgt Ion:114 Resp: 2313324

Ion Ratio Lower Upper

114 100

63 26.1 21.3 31.9

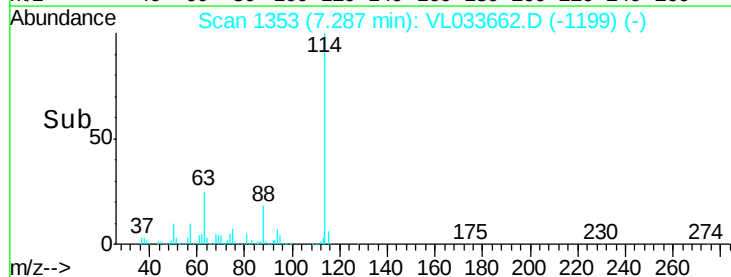
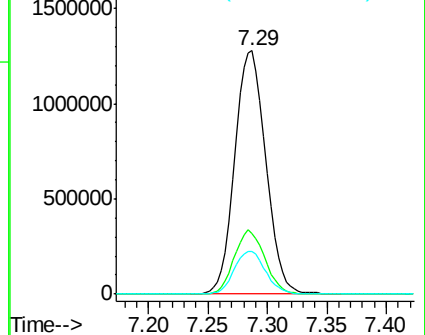
88 17.8 14.4 21.6

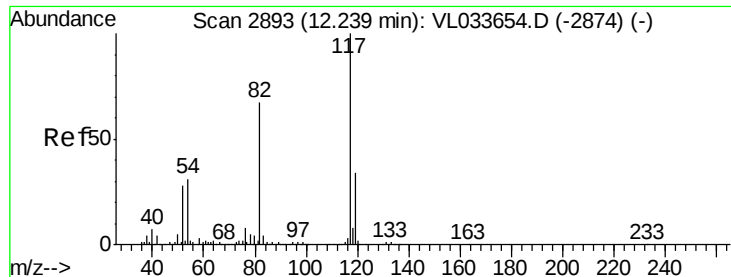


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.24 min Scan# 2892

Delta R.T. -0.00 min

Lab File: VL033662.D

Acq: 6 May 2019 17:12

Instrument :

MSVOA_L

ClientSampleId :

VL0506ABL01

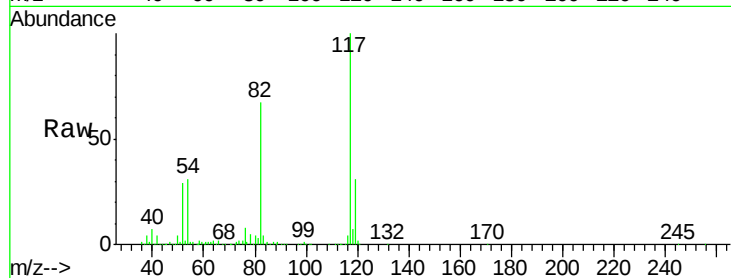
Tot Ion:117 Resp: 2396151

Ion Ratio Lower Upper

117 100

82 67.6 49.7 74.5

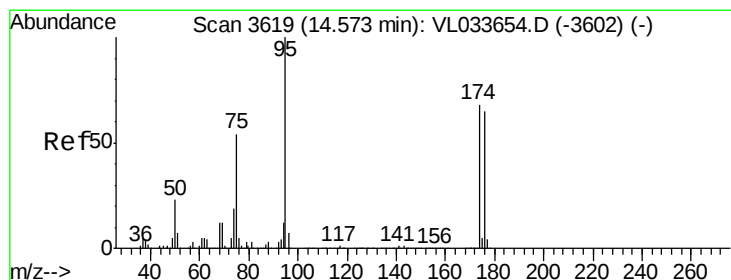
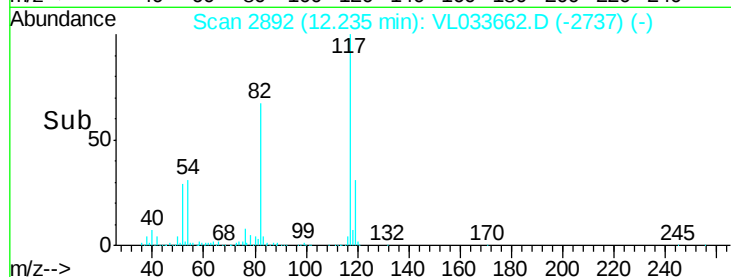
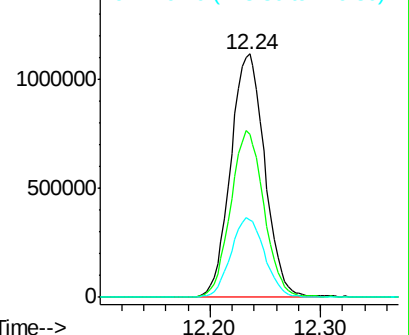
119 32.5 24.8 37.2



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: 11.412 ppbv

RT: 14.57 min Scan# 3618

Delta R.T. -0.00 min

Lab File: VL033662.D

Acq: 6 May 2019 17:12

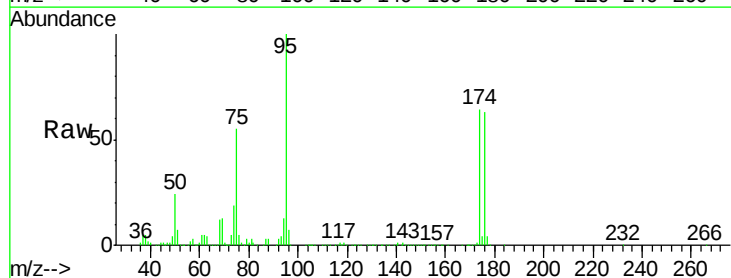
Tgt Ion: 95 Resp: 2241561

Ion Ratio Lower Upper

95 100

174 66.9 54.0 81.0

175 4.7 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

