

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051419\
Data File : VL033690.D
Acq On : 14 May 2019 14:18
Operator : SY/AP
Sample : QC050619 CAN 10324
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC050619 CAN 10324

Quant Time: May 15 02:50:19 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	904009	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2115434	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2060570	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1684610	9.97	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.70%

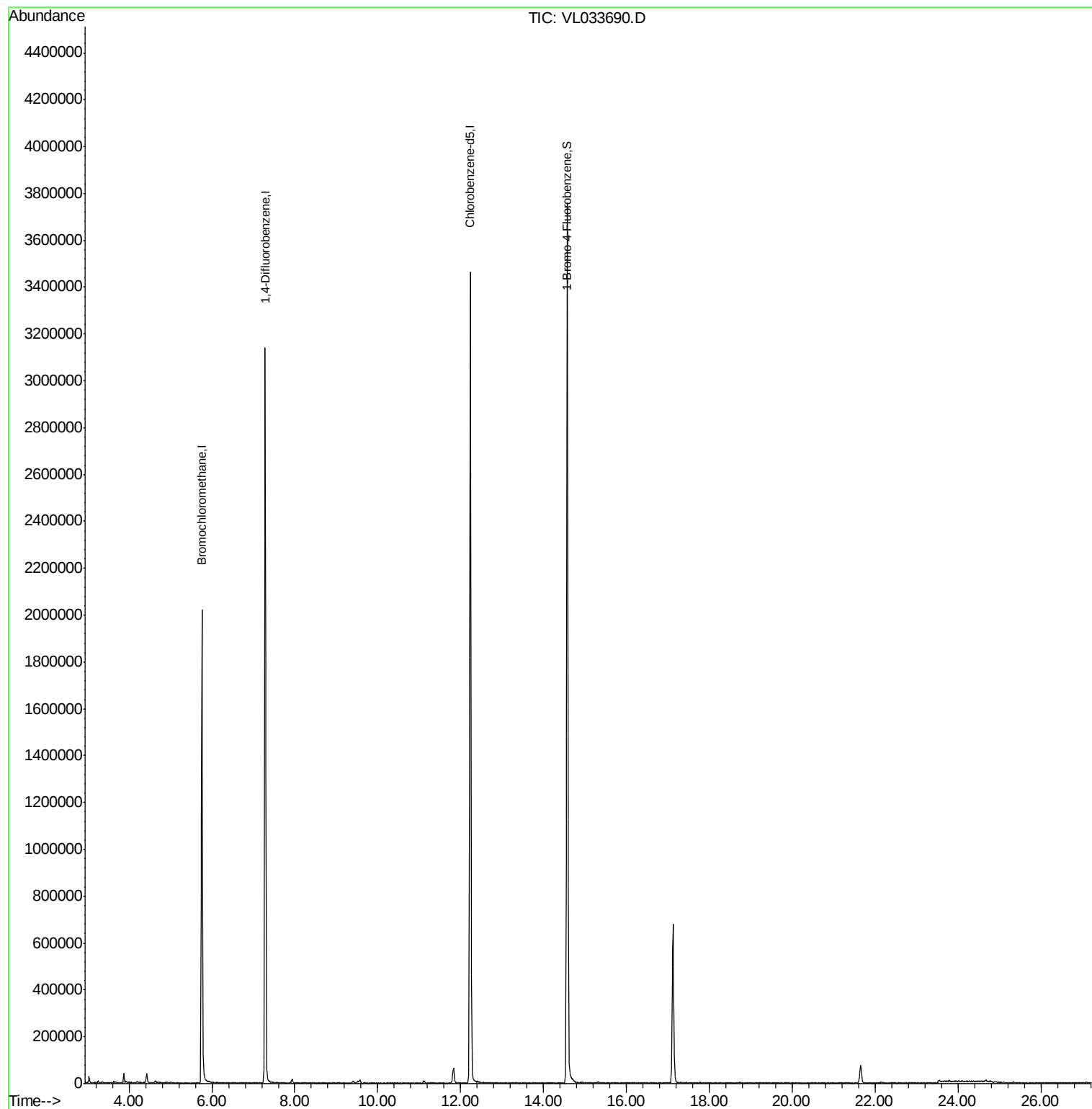
Target Compounds	Ovalue
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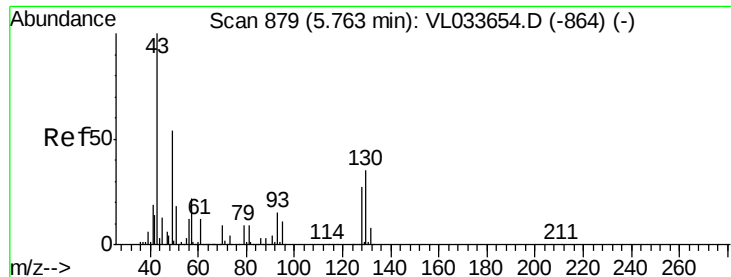
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC050619 CAN 10324

Quant Time: May 15 02:50:19 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050619AIR.M
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QLast Update : Mon May 06 15:19:01 2019
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.01 min

Lab File: VL033690.D

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Instrument :

MSVOA_L

ClientSampleId :

QC050619 CAN 10324

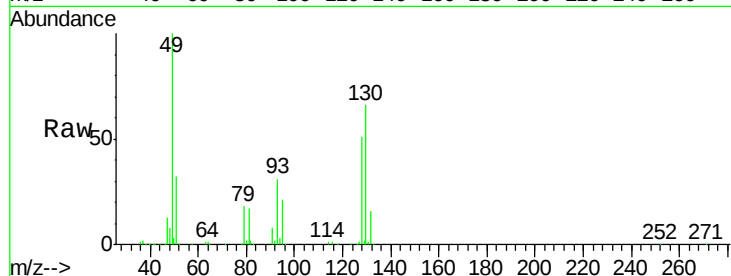
Tot Ion: 49 Resp: 904009

Ion Ratio Lower Upper

49 100

128 50.0 24.8 74.3

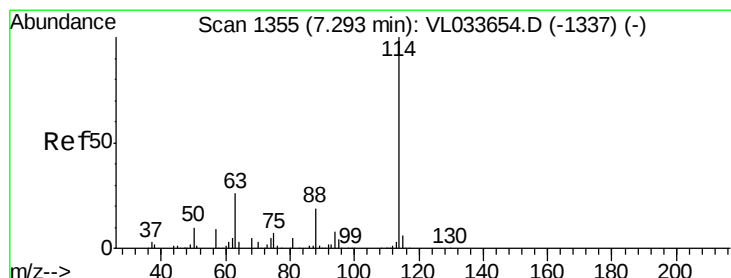
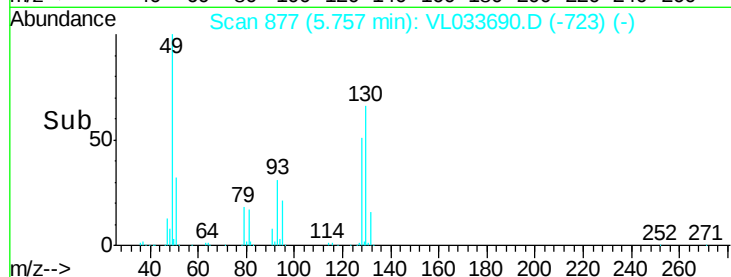
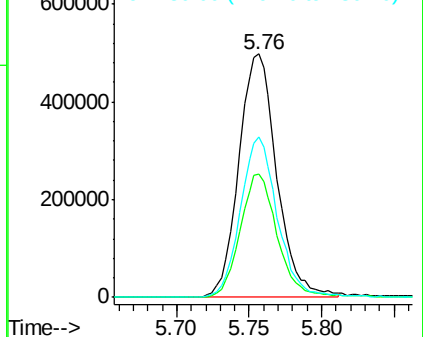
130 64.9 32.1 96.5



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): 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: VL033690.D

Acq: 14 May 2019 14:18

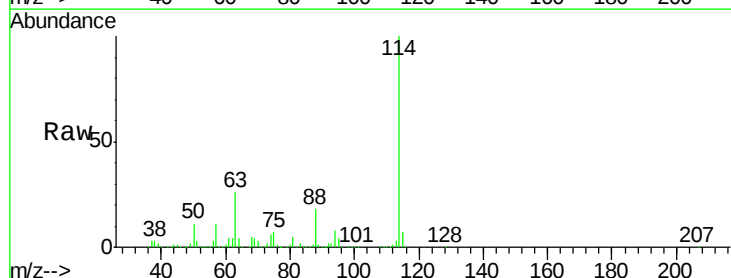
Tgt Ion:114 Resp: 2115434

Ion Ratio Lower Upper

114 100

63 26.7 21.3 31.9

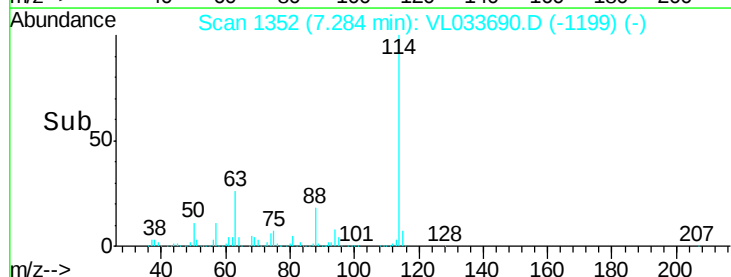
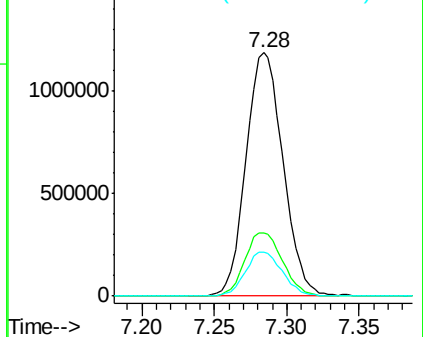
88 18.0 14.4 21.6

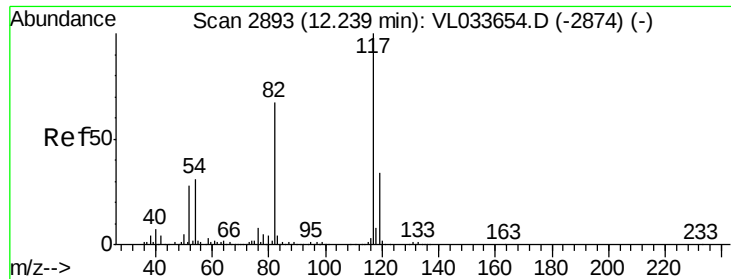


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

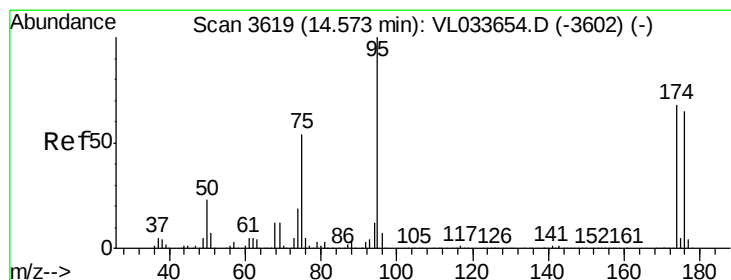
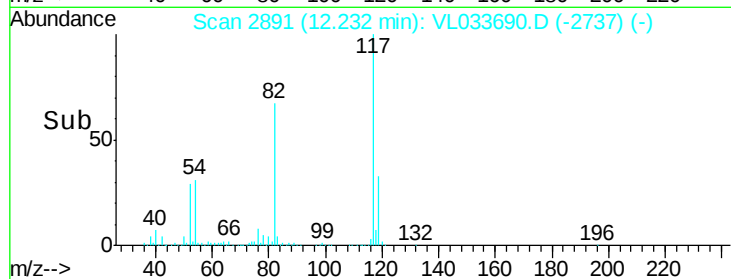
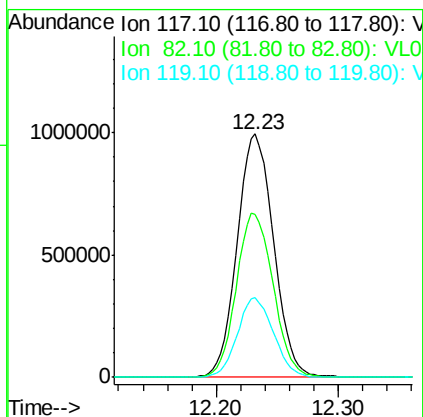
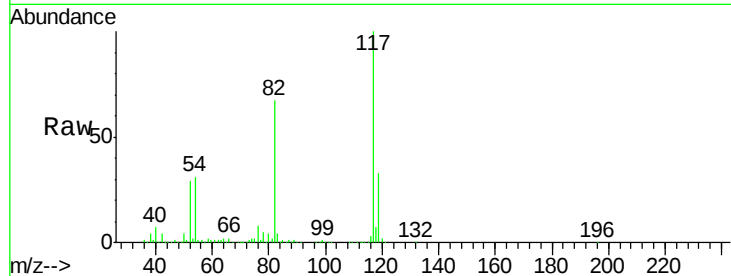




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL033690.D
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Tot Ion:117 Resp: 2060570
Ion Ratio Lower Upper
117 100
82 68.3 49.7 74.5
119 32.6 24.8 37.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.974 ppbv
RT: 14.57 min Scan# 3618
Delta R.T. -0.00 min
Lab File: VL033690.D
Acq: 14 May 2019 14:18

Tgt Ion: 95 Resp: 1684610
Ion Ratio Lower Upper
95 100
174 65.9 54.0 81.0
175 4.9 3.8 5.8

