

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062419\
Data File : VL033958.D
Acq On : 25 Jun 2019 5:14
Operator : SY/AP
Sample : QC061919 CAN 10305
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC061919 CAN 10305

Quant Time: Jun 25 21:48:34 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	5.74	49	797541	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.26	114	1903714	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.21	117	1827045	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.55	95	1493844	9.95	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.50%

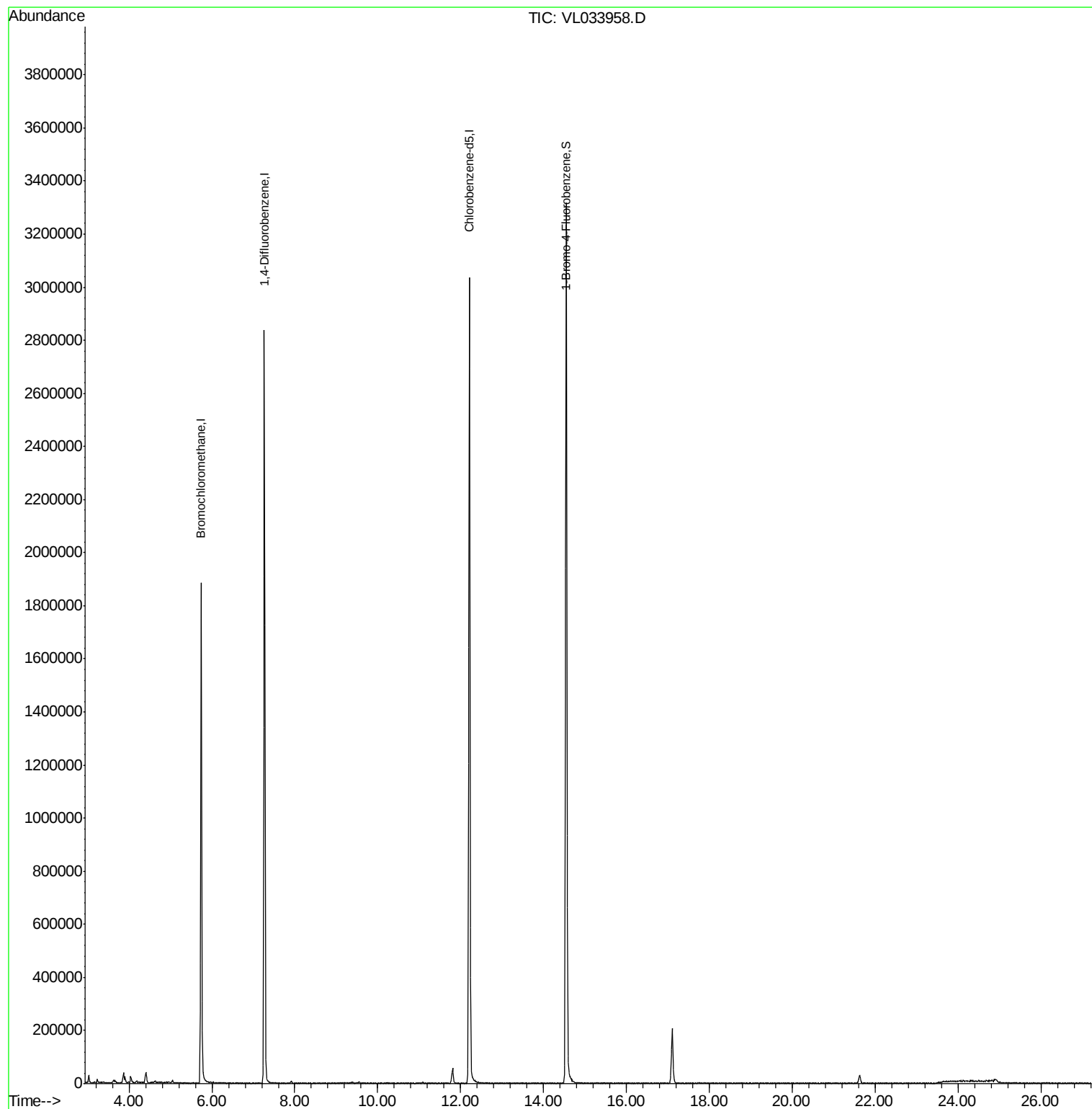
Target Compounds	Ovalue
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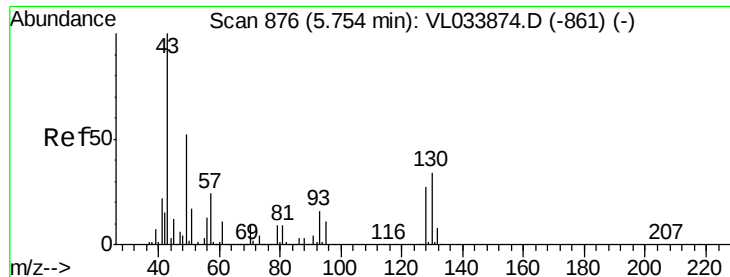
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Instrument :
MSVOA_L
ClientSampleId :
QC061919 CAN 10305

Quant Time: Jun 25 21:48:34 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.74 min Scan# 872

Delta R.T. -0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

QC061919 CAN 10305

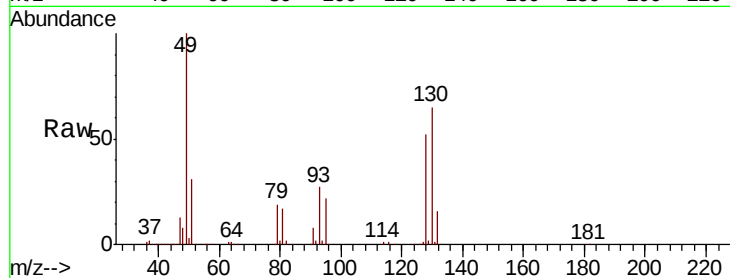
Tot Ion: 49 Resp: 797541

Ion Ratio Lower Upper

49 100

128 52.0 25.5 76.5

130 67.6 32.5 97.4

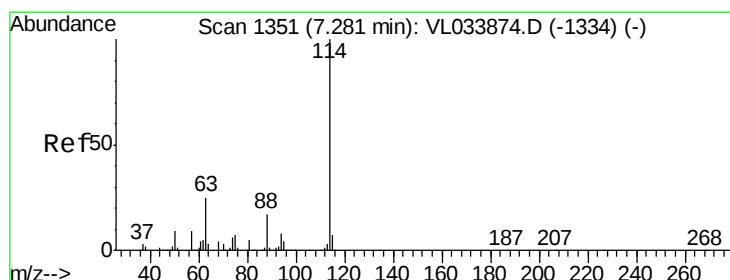
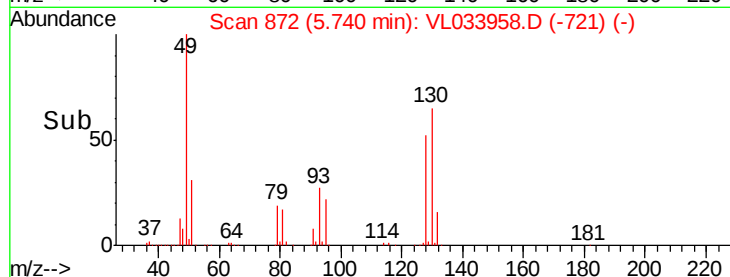
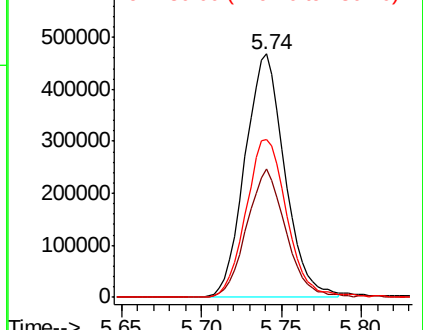


Abundance

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



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.26 min Scan# 1346

Delta R.T. -0.02 min

Lab File: VL033958.D

Acq: 25 Jun 2019 5:14

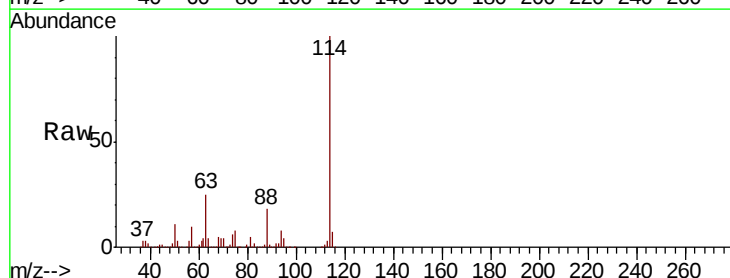
Tgt Ion: 114 Resp: 1903714

Ion Ratio Lower Upper

114 100

63 25.6 21.1 31.7

88 17.7 14.2 21.4

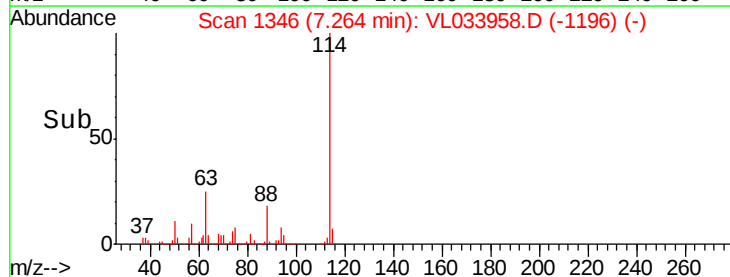
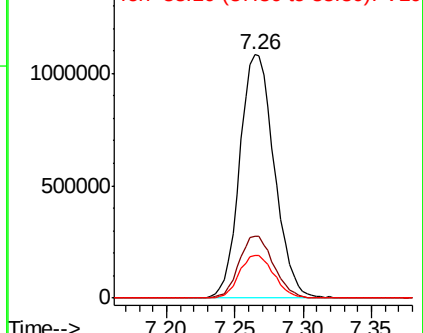


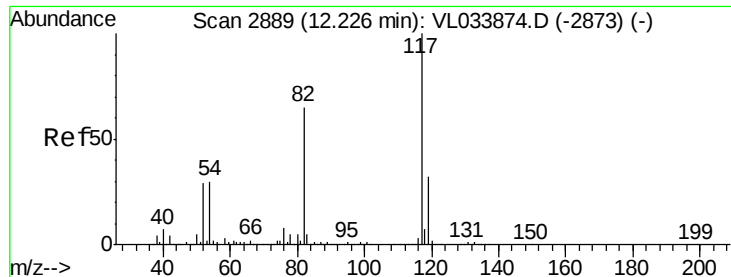
Abundance

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

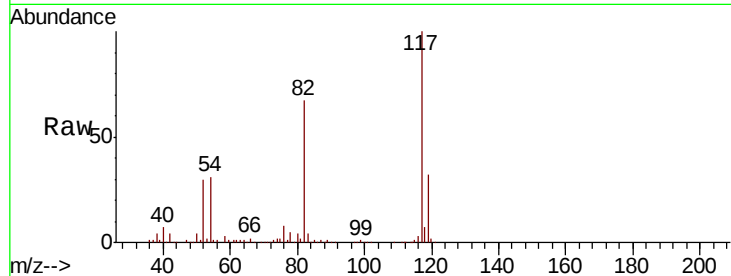




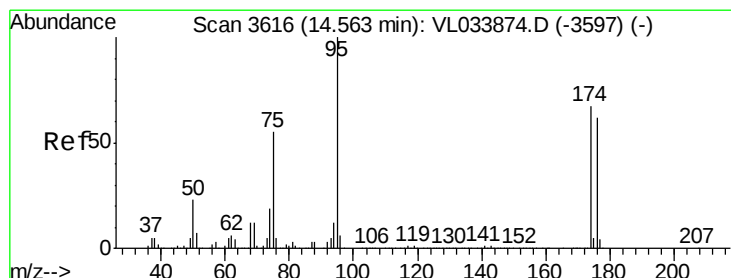
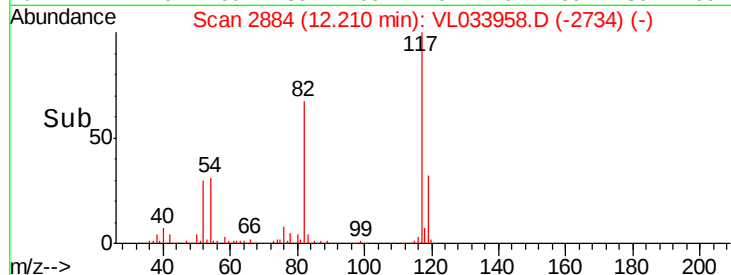
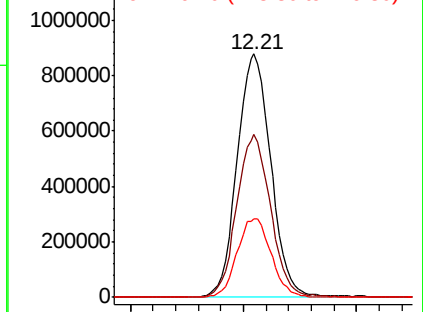
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.21 min Scan# 2884
Delta R.T. -0.02 min
Lab File: VL033958.D
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Tot Ion:117 Resp: 1827045
Ion Ratio Lower Upper
117 100
82 67.3 50.2 75.2
119 33.0 24.8 37.2

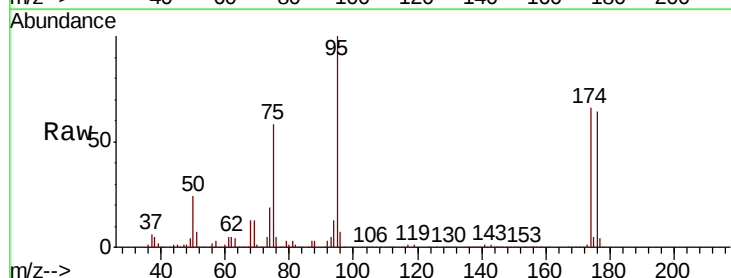


Abundance Ion 117.10 (116.80 to 117.80): V
1200000
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.954 ppbv
RT: 14.55 min Scan# 3611
Delta R.T. -0.02 min
Lab File: VL033958.D
Acq: 25 Jun 2019 5:14

Tgt Ion: 95 Resp: 1493844
Ion Ratio Lower Upper
95 100
174 67.2 54.0 81.0
175 4.8 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

