

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062419\
Data File : VL033934.D
Acq On : 24 Jun 2019 13:17
Operator : SY/AP
Sample : QC060619 CAN 10729
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC060619 CAN 10729

Quant Time: Jun 25 03:53:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-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	1016528	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.26	114	2245419	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.21	117	2239764	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.54	95	1826399	9.93	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.30%

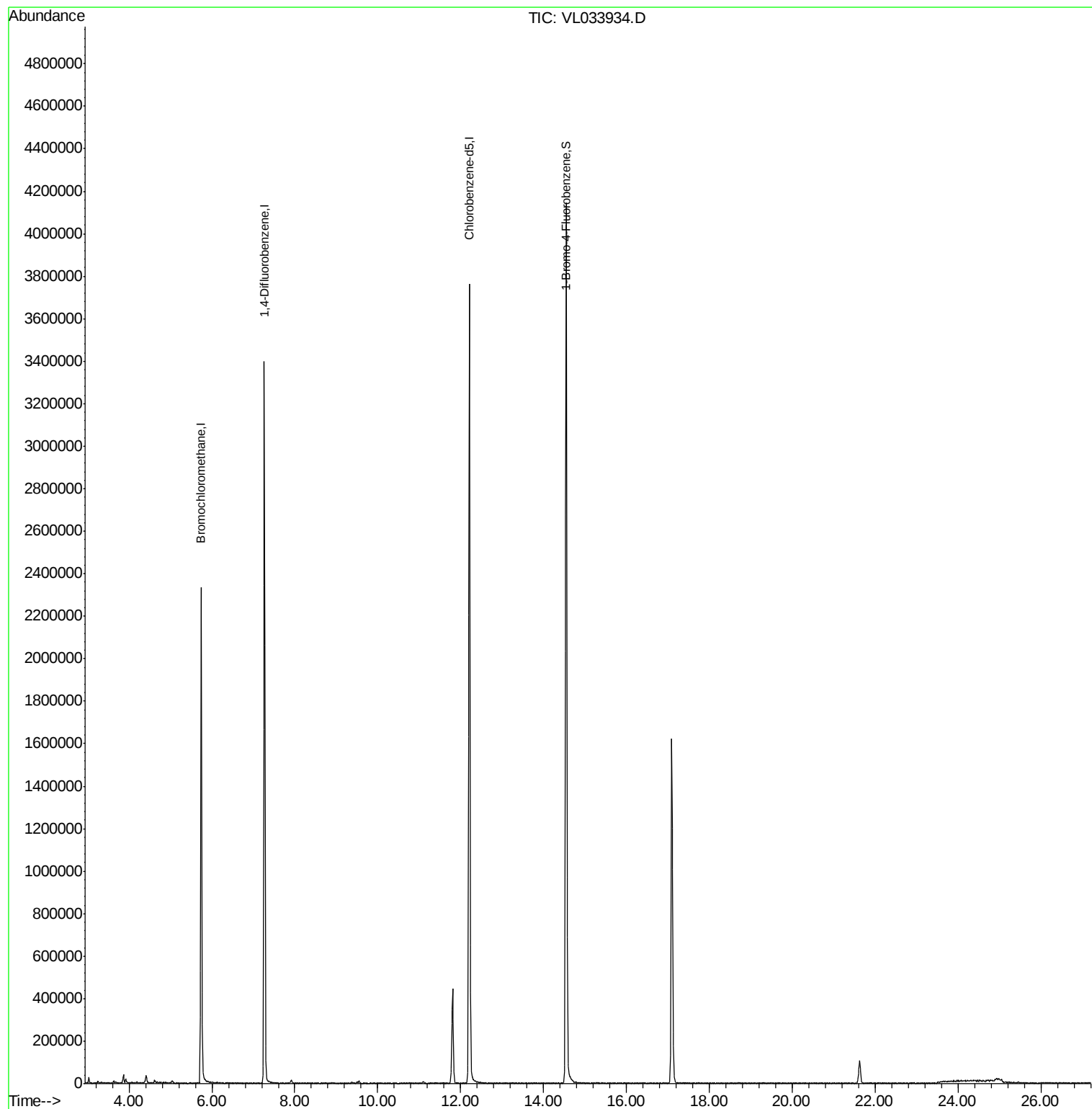
Target Compounds	Ovalue
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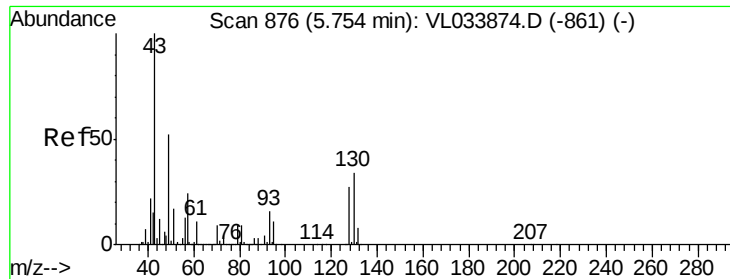
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL062419\
Data File : VL033934.D
Acq On : 24 Jun 2019 13:17
Operator : SY/AP
Sample : OC060619 CAN 10729
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC060619 CAN 10729

Quant Time: Jun 25 03:53:20 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 :

QC060619 CAN 10729

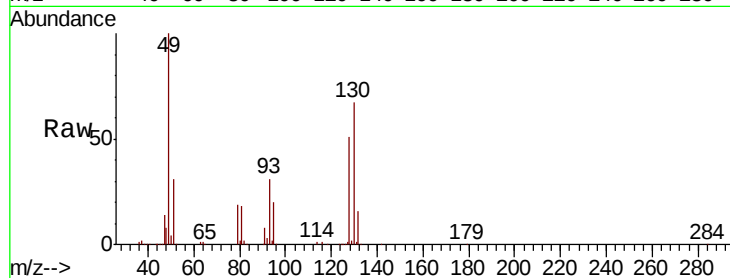
Tot Ion: 49 Resp: 1016528

Ion Ratio Lower Upper

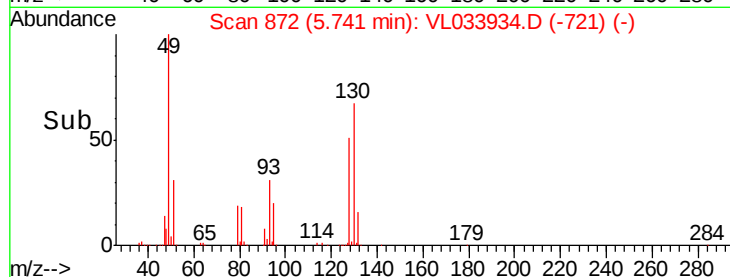
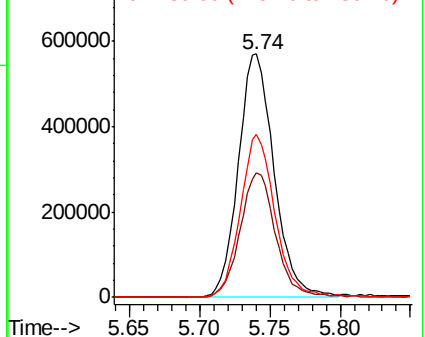
49 100

128 51.3 25.5 76.5

130 65.7 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: VL033934.D

Acq: 24 Jun 2019 13:17

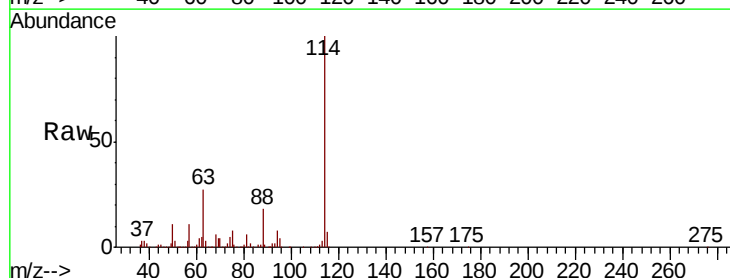
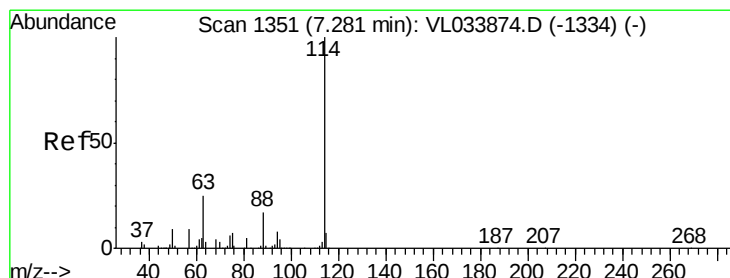
Tgt Ion:114 Resp: 2245419

Ion Ratio Lower Upper

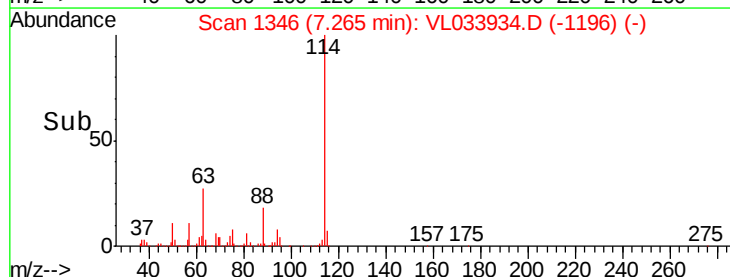
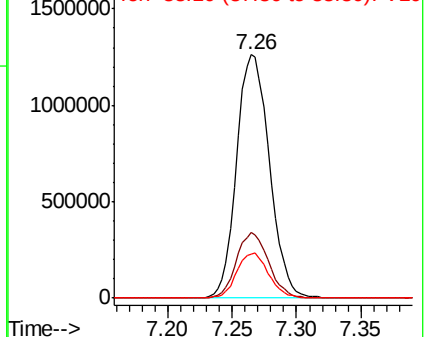
114 100

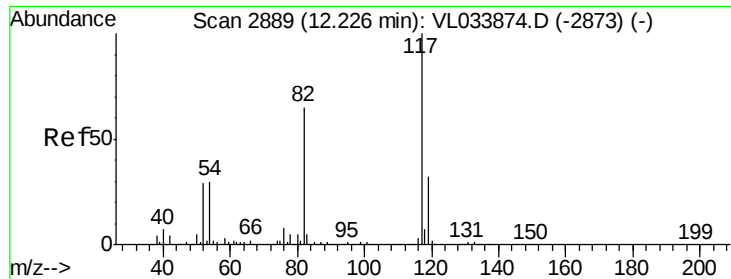
63 26.4 21.1 31.7

88 18.0 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

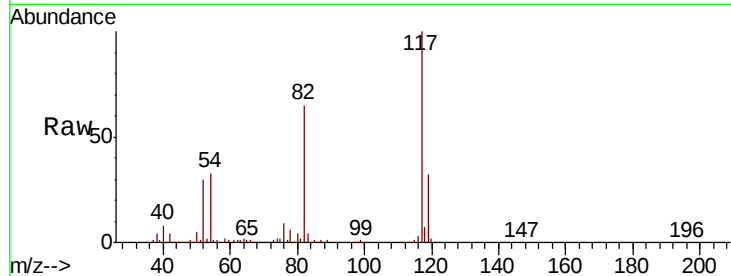




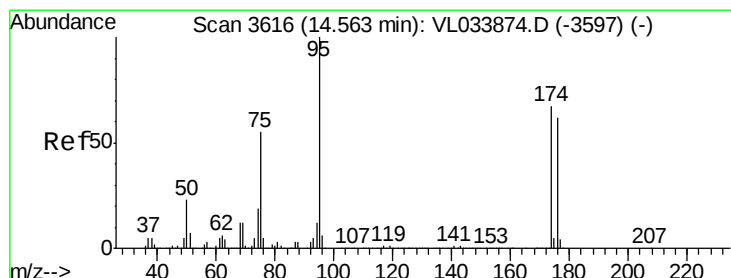
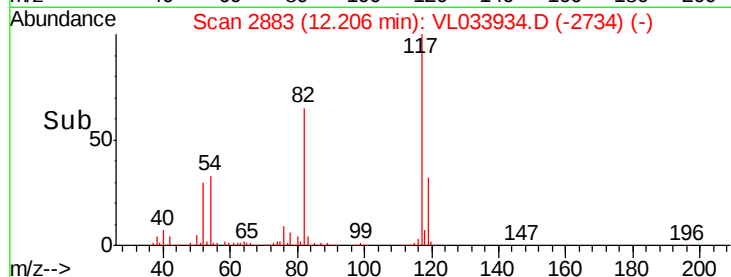
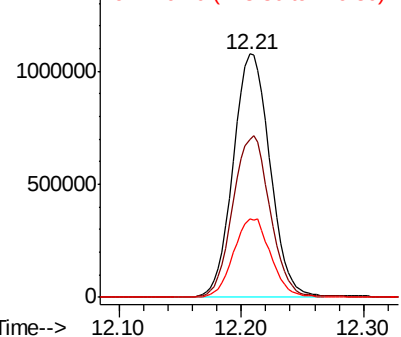
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.21 min Scan# 2883
Delta R.T. -0.02 min
Lab File: VL033934.D
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Instrument :
MSVOA_L
ClientSampleId :
QC060619 CAN 10729

Tot Ion:117 Resp: 2239764
Ion Ratio Lower Upper
117 100
82 67.6 50.2 75.2
119 32.9 24.8 37.2

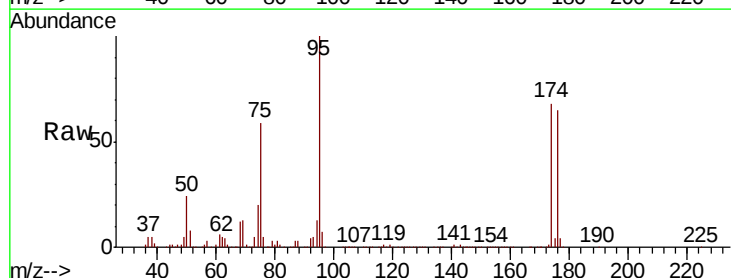


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.928 ppbv
RT: 14.54 min Scan# 3610
Delta R.T. -0.02 min
Lab File: VL033934.D
Acq: 24 Jun 2019 13:17

Tgt Ion: 95 Resp: 1826399
Ion Ratio Lower Upper
95 100
174 67.0 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

