

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032519\
Data File : VL033442.D
Acq On : 25 Mar 2019 18:55
Operator : SY/AP
Sample : VL0325ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0325ABL01

Quant Time: Mar 26 05:48:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 25 16:04:49 2019
QLast Update : Mon Mar 25 16:04:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	762837	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1733685	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1733105	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1344425	9.89	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.90%

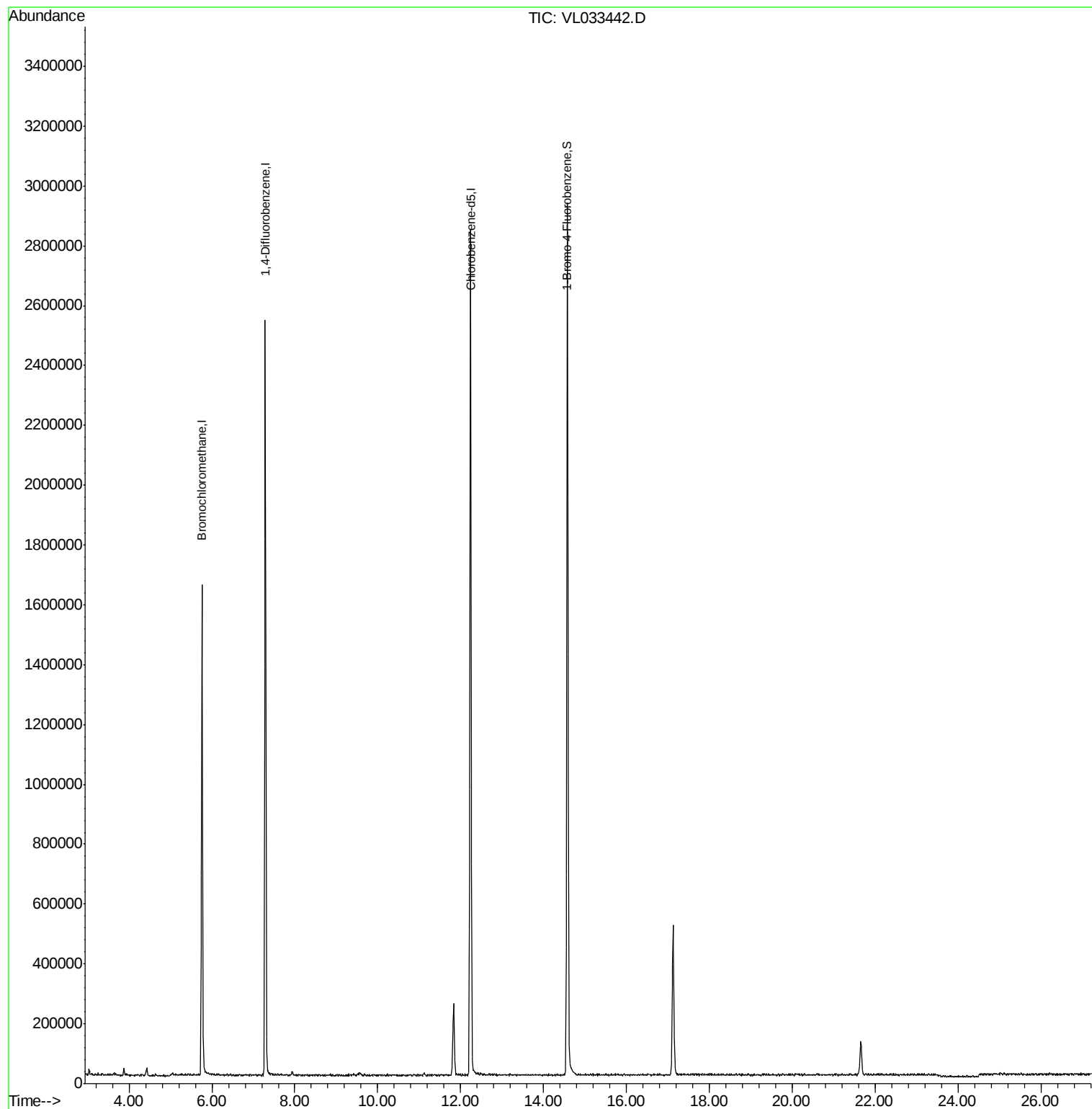
Target Compounds	Ovalue
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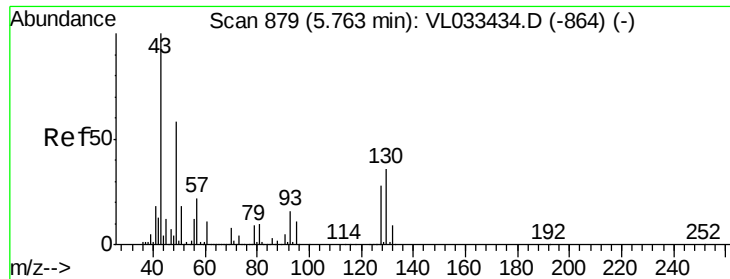
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL032519\
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 878

Delta R.T. -0.00 min

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VL0325ABL01

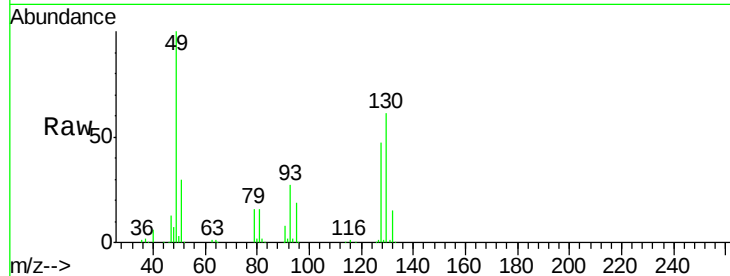
Tot Ion: 49 Resp: 762837

Ion Ratio Lower Upper

49 100

128 48.1 24.0 72.0

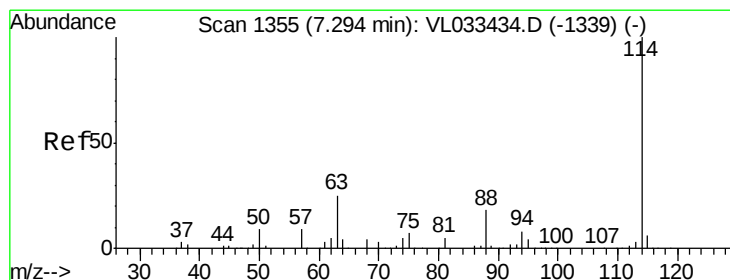
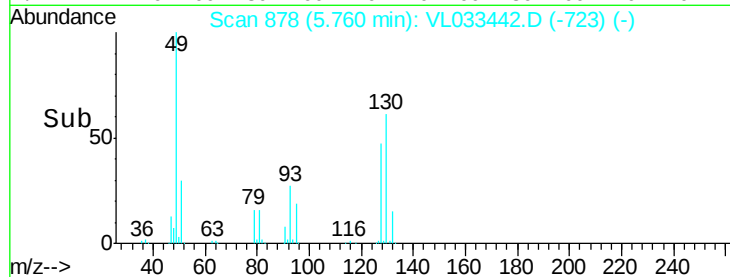
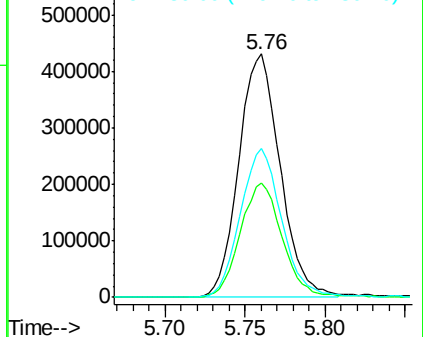
130 61.4 31.2 93.6



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: 7.29 min Scan# 1353

Delta R.T. -0.01 min

Lab File: VL033442.D

Acq: 25 Mar 2019 18:55

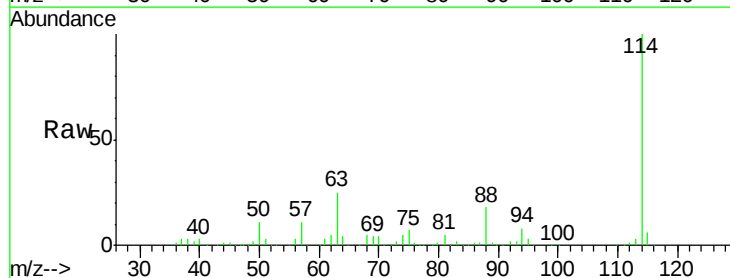
Tgt Ion: 114 Resp: 1733685

Ion Ratio Lower Upper

114 100

63 26.8 21.5 32.3

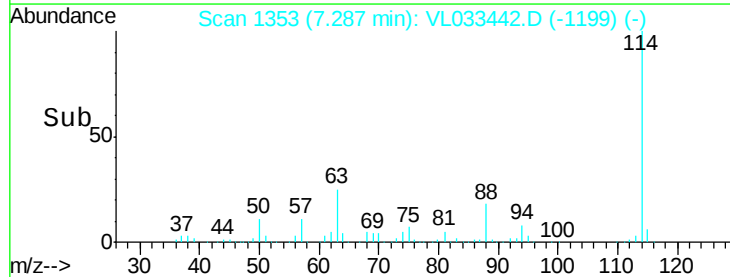
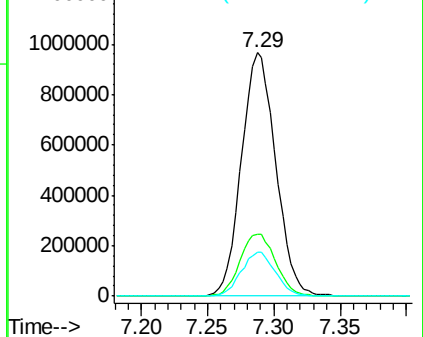
88 18.1 14.5 21.7

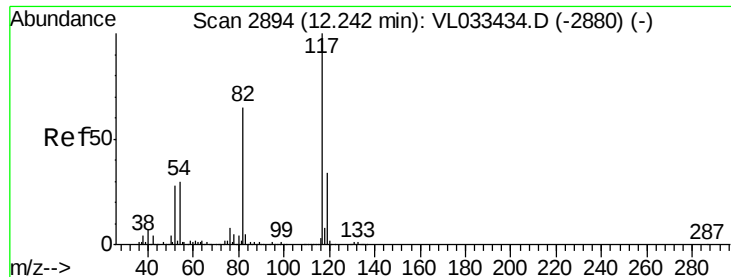


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

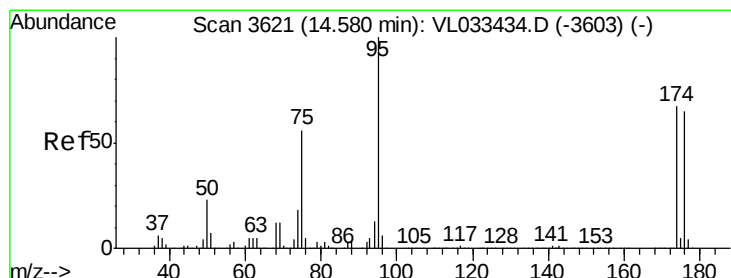
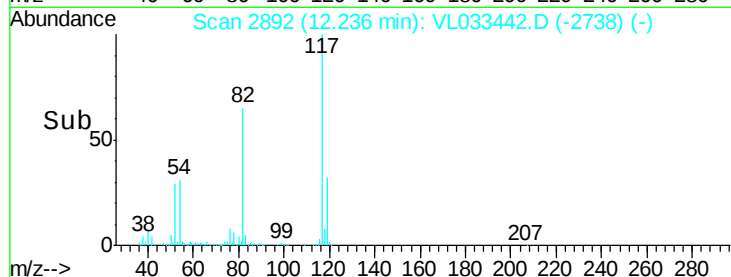
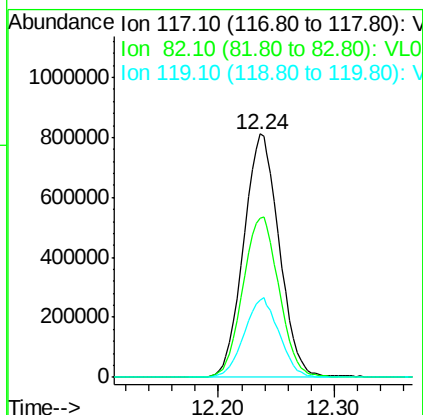
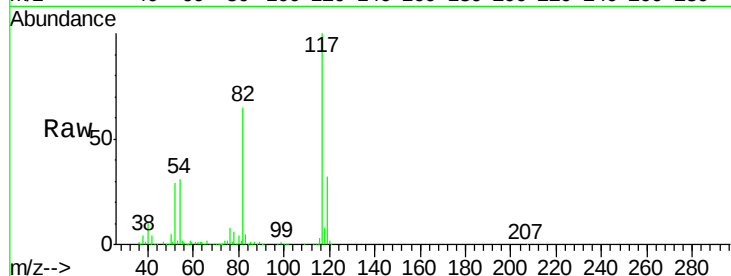




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033442.D
Acq: 25 Mar 2019 18:55

Instrument :
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ClientSampleId :
VL0325ABL01

Tot Ion:117 Resp: 1733105
Ion Ratio Lower Upper
117 100
82 67.4 51.5 77.3
119 32.2 25.5 38.3



#68
1-Bromo-4-Fluorobenzene
Concen: 9.895 ppbv
RT: 14.57 min Scan# 3619
Delta R.T. -0.01 min
Lab File: VL033442.D
Acq: 25 Mar 2019 18:55

Tgt Ion: 95 Resp: 1344425
Ion Ratio Lower Upper
95 100
174 66.4 52.9 79.3
175 4.7 3.8 5.6

