

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL011619\
Data File : VL033100.D
Acq On : 16 Jan 2019 20:24
Operator : SY/AP
Sample : CAN 10403
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10403

Manual Integrations
APPROVED

MMDadoda
1/17/2019 3:16:37 PM

Quant Time: Jan 17 09:29:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL010419AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jan 0
QLast Update : Fri Jan 04 16:09:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1004210	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2324414	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2157293	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1696012m	10.26	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.60%

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

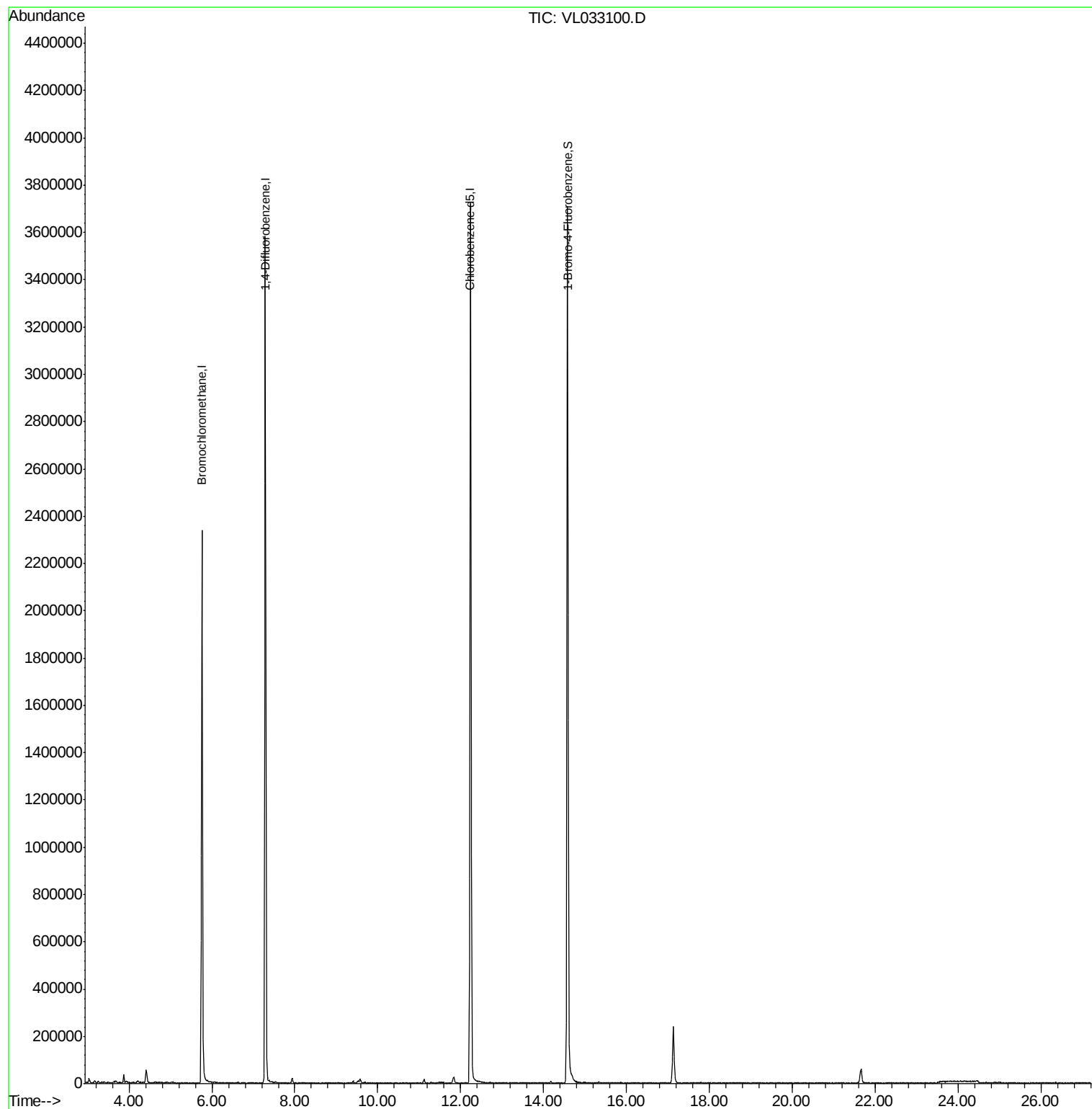
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL011619\
Data File : VL033100.D
Acq On : 16 Jan 2019 20:24
Operator : SY/AP
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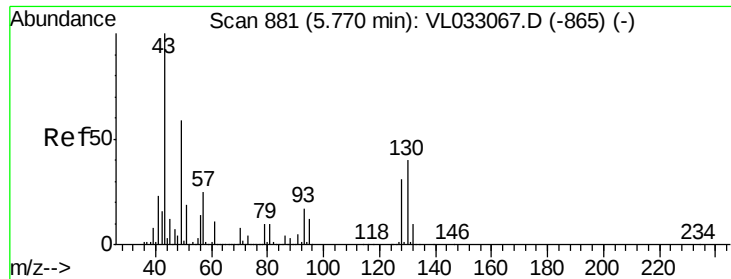
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QLast Update : Fri Jan 04 16:09:05 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.01 min

Lab File: VL033100.D

Acq: 16 Jan 2019 20:24

Instrument :

MSVOA_L

ClientSampleId :

CAN 10403

Tot Ion: 49 Resp: 1004210

Ion Ratio Lower Upper

49 100

128 52.2 26.2 78.5

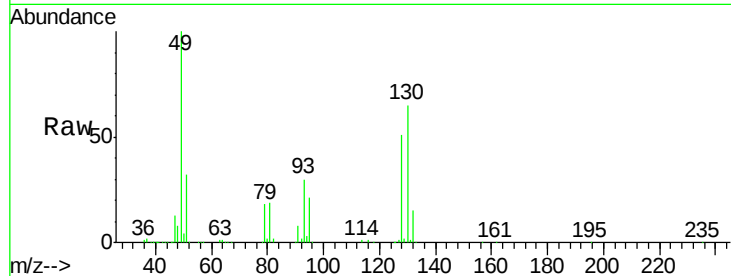
130 65.7 33.6 100.6

Manual Integrations

APPROVED

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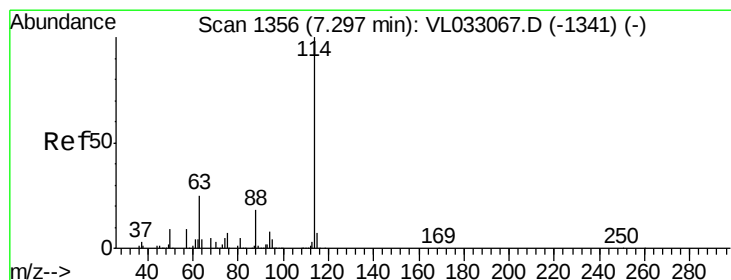
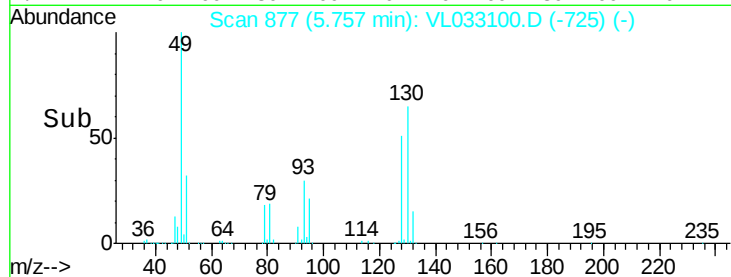
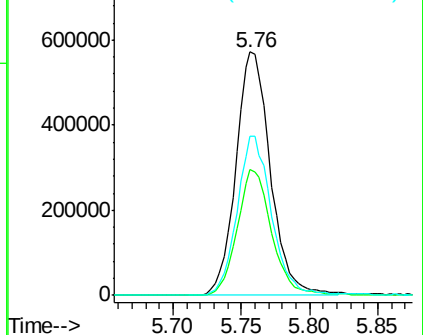
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Abundance Ion 49.10 (48.80 to 49.80): VL0

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: VL033100.D

Acq: 16 Jan 2019 20:24

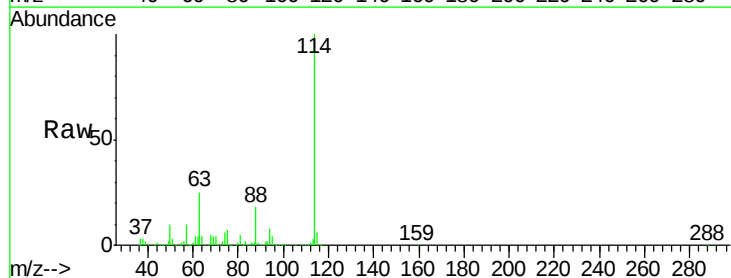
Tgt Ion: 114 Resp: 2324414

Ion Ratio Lower Upper

114 100

63 25.9 20.1 30.1

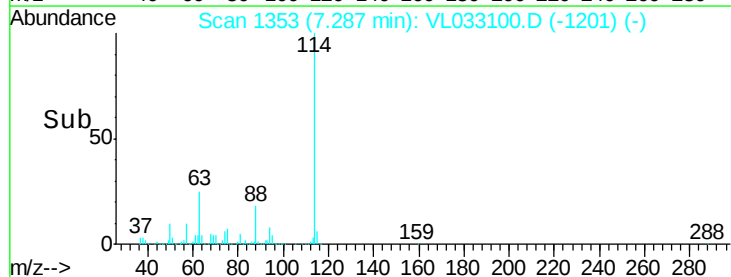
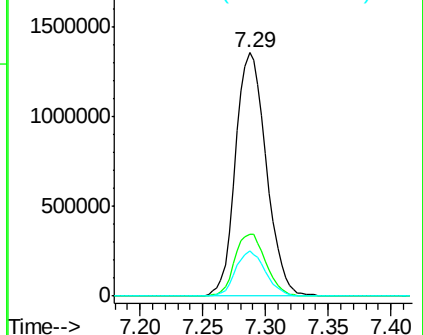
88 18.1 14.0 21.0

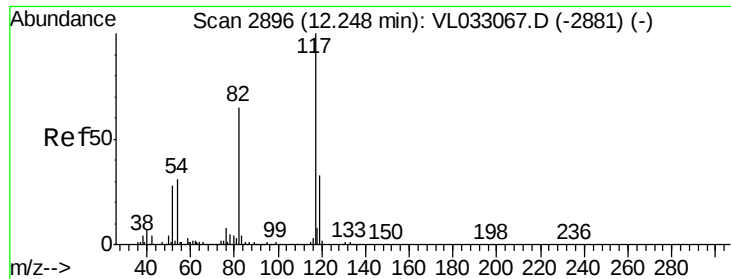


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





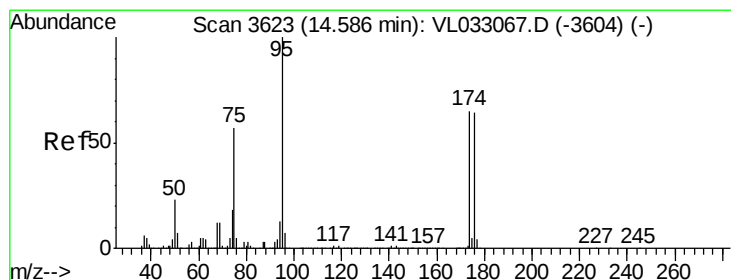
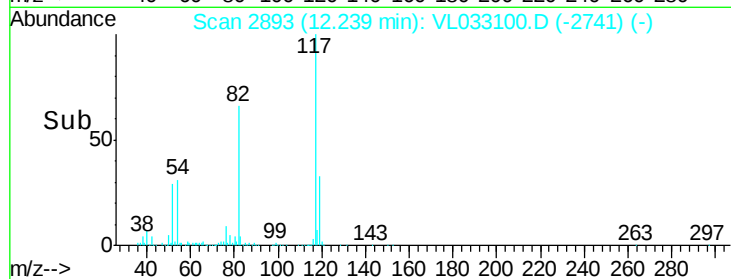
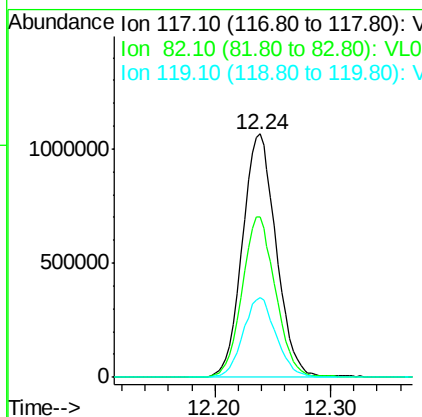
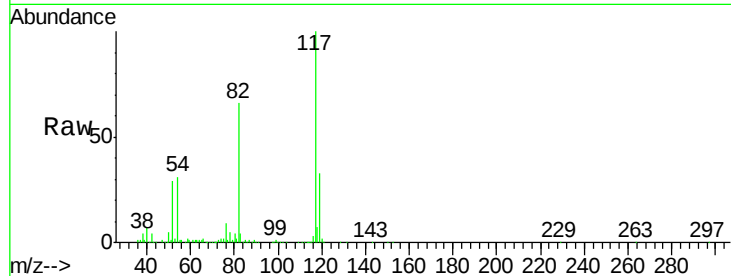
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL033100.D
Acq: 16 Jan 2019 20:24

Instrument :
MSVOA_L
ClientSampled :
CAN 10403

Tot Ion:117 Resp: 2157293
Ion Ratio Lower Upper
117 100
82 65.7 48.9 73.3
119 32.3 24.6 37.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.256 ppbv m
RT: 14.58 min Scan# 3620
Delta R.T. -0.01 min
Lab File: VL033100.D
Acq: 16 Jan 2019 20:24

Tgt Ion: 95 Resp: 1696012
Ion Ratio Lower Upper
95 100
174 63.4 51.9 77.9
175 4.7 3.9 5.9

