

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL011619\
 Data File : VL033090.D
 Acq On : 16 Jan 2019 12:29
 Operator : SY/AP
 Sample : OC010919 CAN 10295
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC010919 CAN 10295

Manual Integrations
 APPROVED

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 1/17/2019 3:16:05 PM

Quant Time: Jan 17 09:18:30 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	1084439	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2735384	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2408734	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1850299m	10.02	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.20%

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

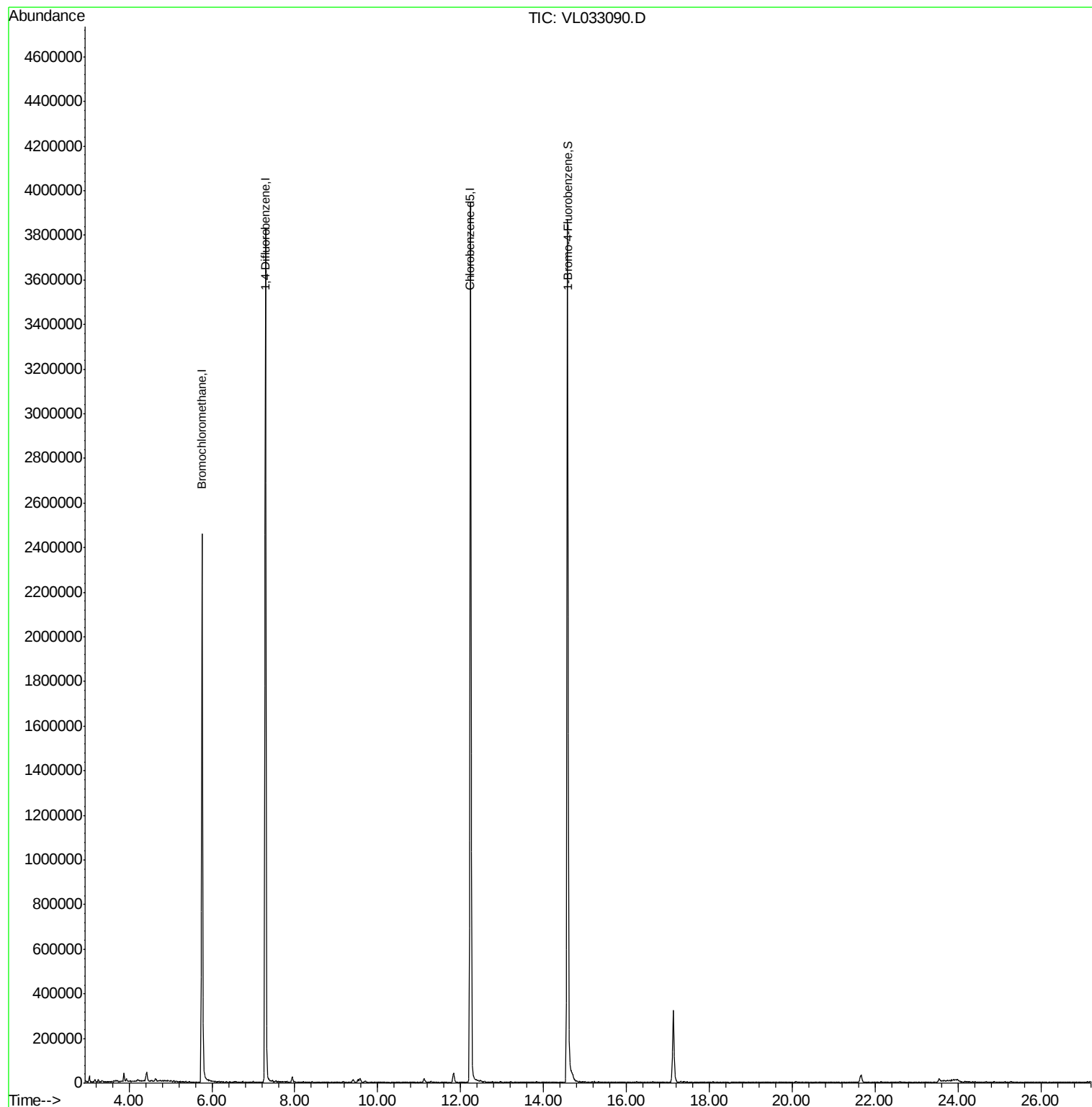
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL011619\
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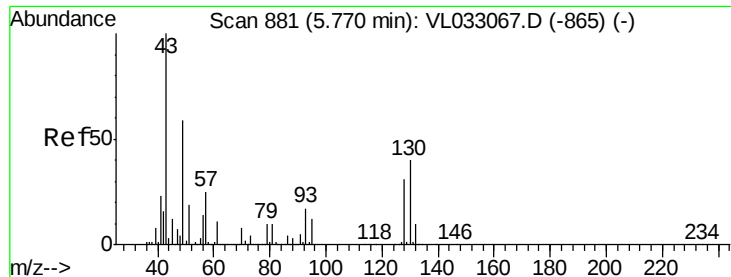
Instrument :
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QLast Update : Fri Jan 04 16:09:05 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 879

Delta R.T. -0.00 min

Lab File: VL033090.D

Acq: 16 Jan 2019 12:29

Instrument :

MSVOA_L

ClientSampleId :

QC010919 CAN 10295

Tot Ion: 49 Resp: 1084439

Ion Ratio Lower Upper

49 100

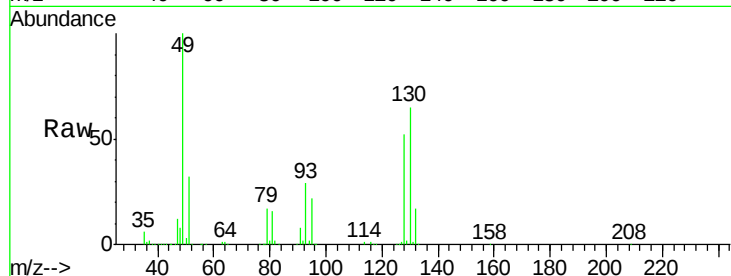
128 53.5 26.2 78.5

130 68.5 33.6 100.6

Manual Integrations
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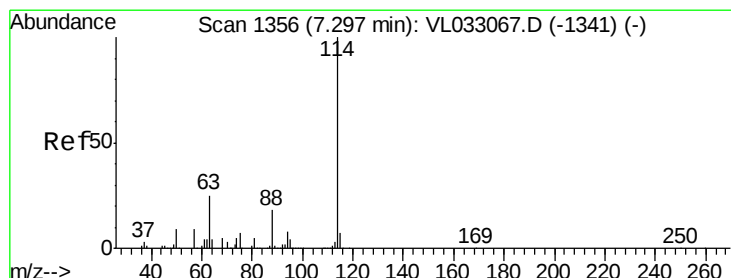
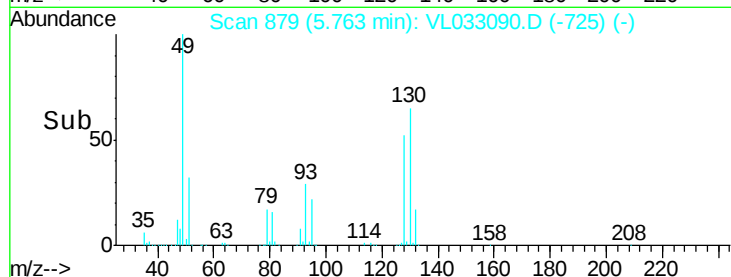
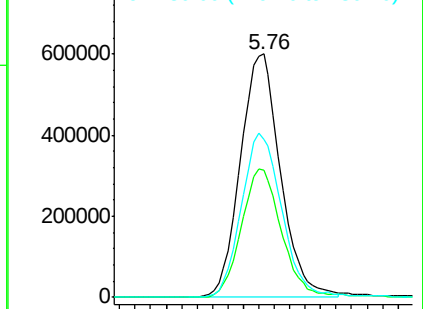
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Abundance Ion 49.10 (48.80 to 49.80): VL0

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# 1354

Delta R.T. -0.01 min

Lab File: VL033090.D

Acq: 16 Jan 2019 12:29

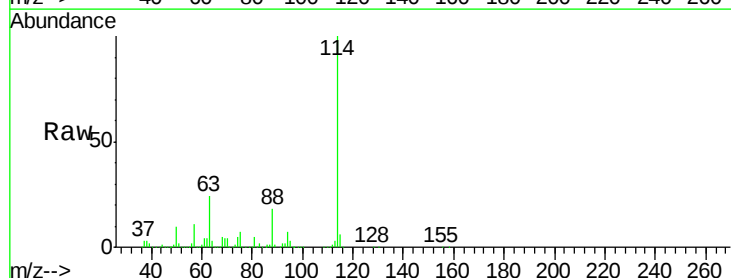
Tgt Ion: 114 Resp: 2735384

Ion Ratio Lower Upper

114 100

63 24.6 20.1 30.1

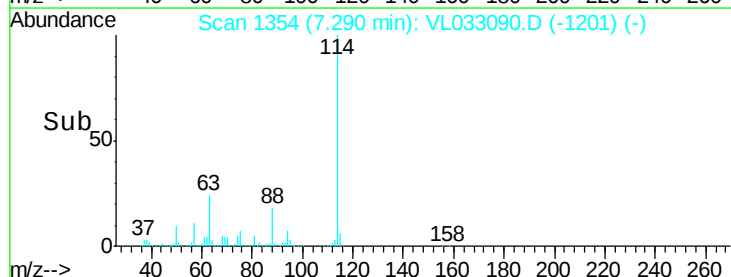
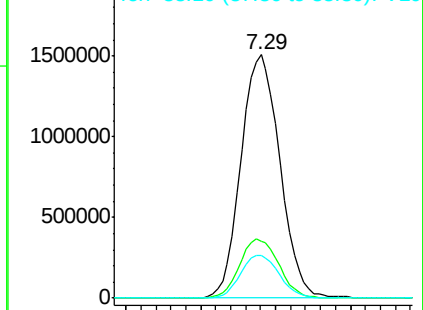
88 17.7 14.0 21.0

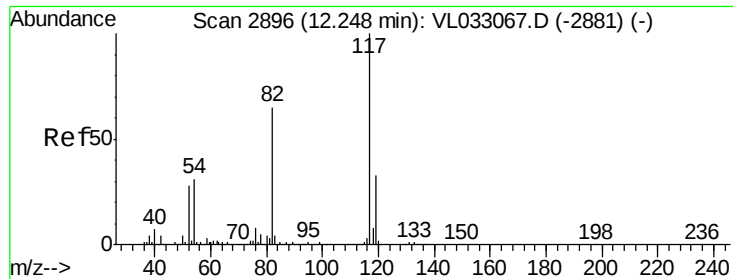


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





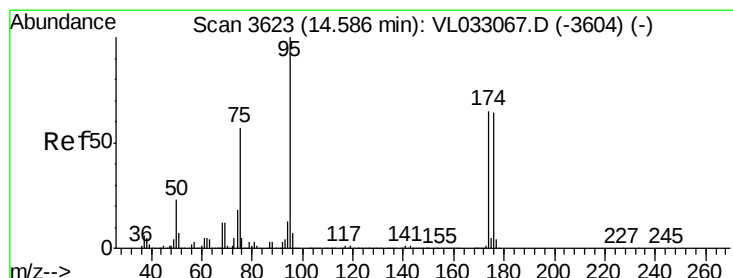
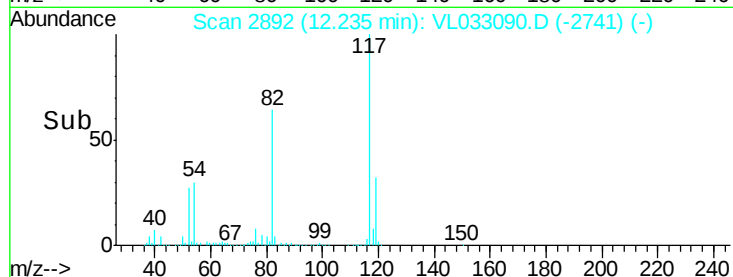
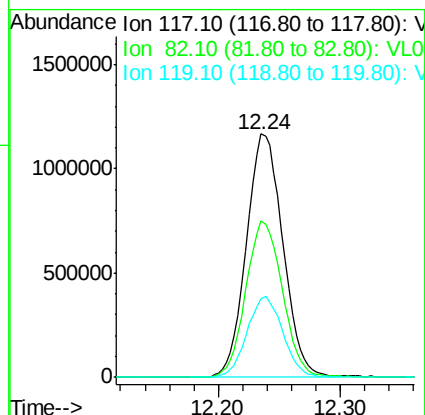
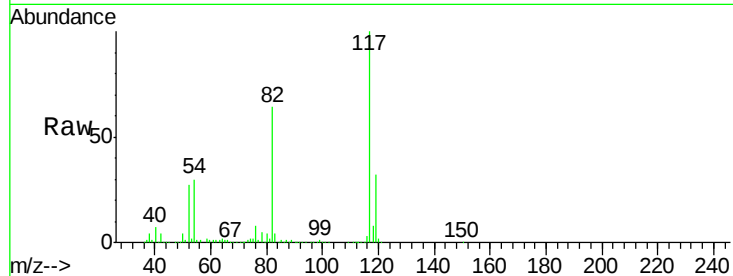
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033090.D
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Tot Ion	Ratio	Lower	Upper
117	100		
82	65.1	48.9	73.3
119	32.7	24.6	37.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.021 ppbv m
RT: 14.57 min Scan# 3619
Delta R.T. -0.01 min
Lab File: VL033090.D
Acq: 16 Jan 2019 12:29

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

