

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082018\
 Data File : VL032409.D
 Acq On : 20 Aug 2018 18:00
 Operator : SY/AP
 Sample : QC080818 CAN 10257
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC080818 CAN 10257

Manual Integrations
 APPROVED

MMDadoda
 8/22/2018 10:50:32 AM

Quant Time: Aug 22 09:38:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081518AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 1
 QLast Update : Wed Aug 15 14:58:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.81	49	1857905	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.34	114	3481567	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.30	117	3408508	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.64	95	2574346	9.90	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.00%

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

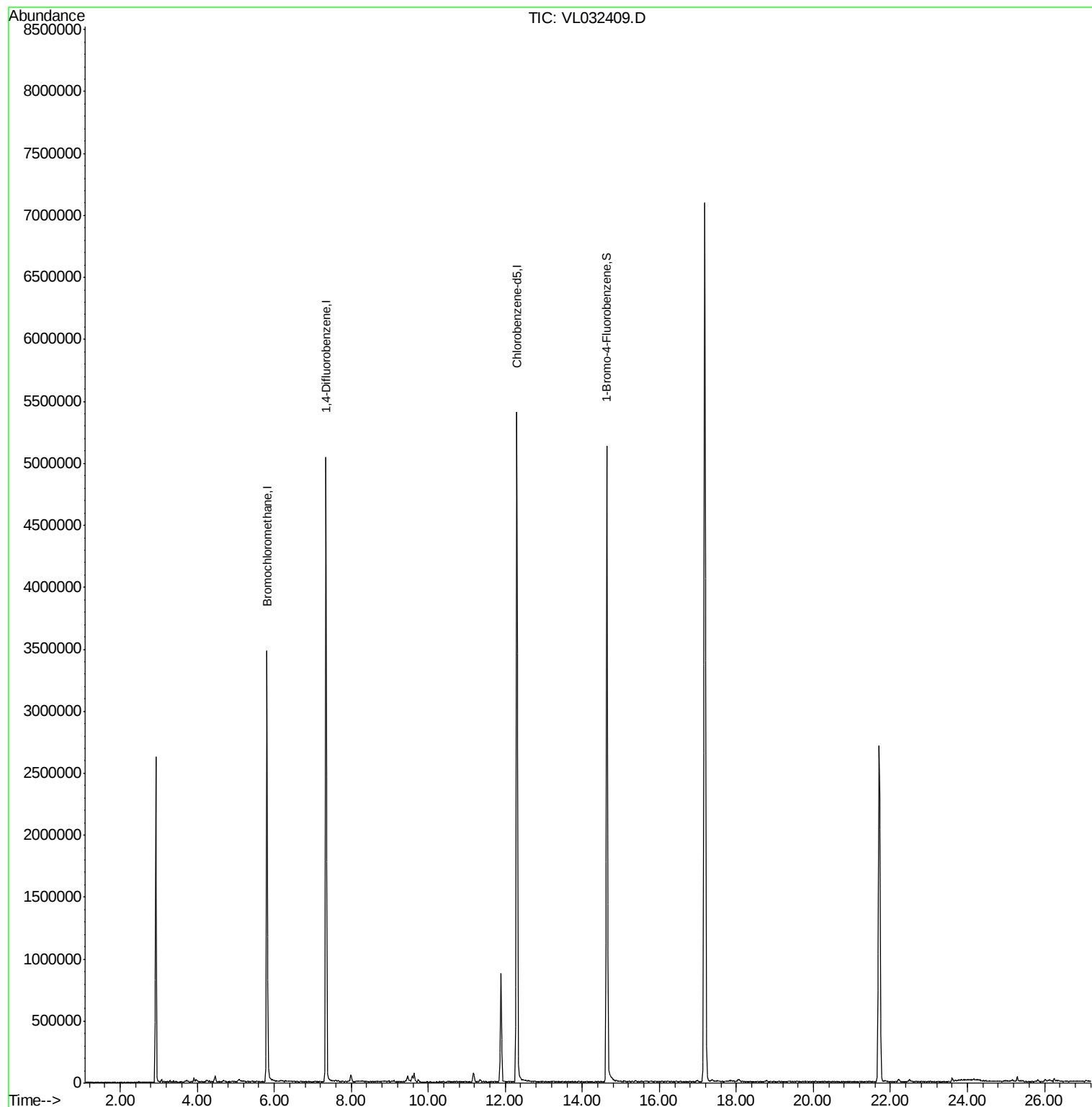
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082018\
Data File : VL032409.D
Acq On : 20 Aug 2018 18:00
Operator : SY/AP
Sample : OC080818 CAN 10257
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

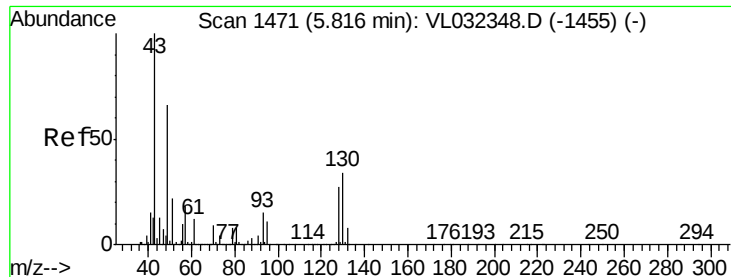
Instrument :
MSVOA_L
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Quant Time: Aug 22 09:38:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug
QLast Update : Wed Aug 15 14:58:02 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.81 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VL032409.D

Acq: 20 Aug 2018 18:00

Instrument :

MSVOA_L

ClientSampleId :

QC080818 CAN 10257

Tot Ion: 49 Resp: 1857905

Ion Ratio Lower Upper

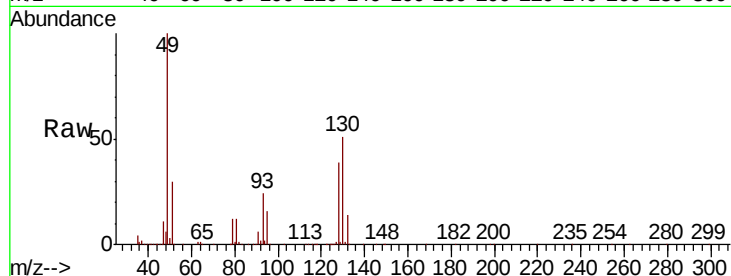
49 100

128 41.0 20.5 61.6

130 52.4 26.2 78.5

Manual Integrations
APPROVED

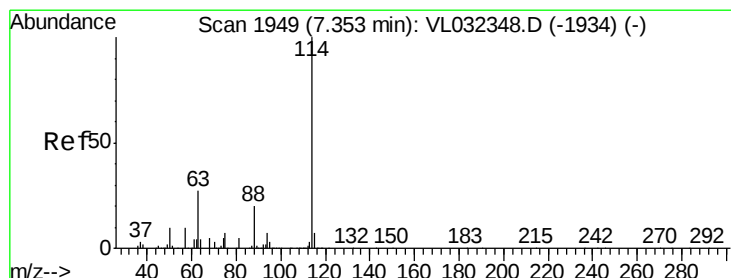
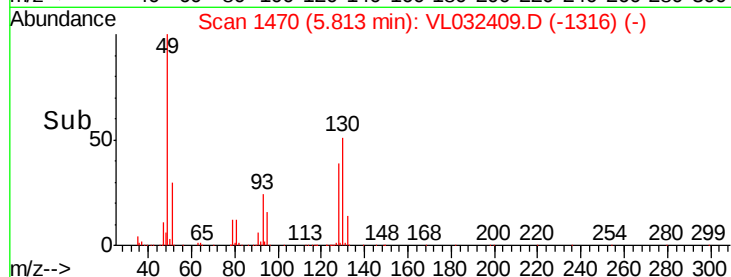
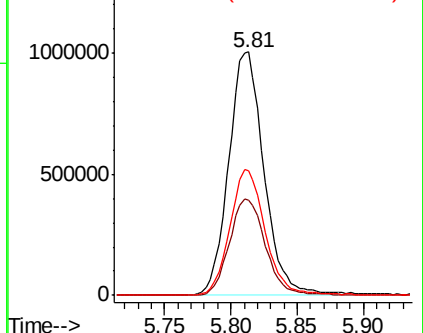
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8/22/2018 10:50:32 AM



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: 10.00 ppbv

RT: 7.34 min Scan# 1946

Delta R.T. -0.01 min

Lab File: VL032409.D

Acq: 20 Aug 2018 18:00

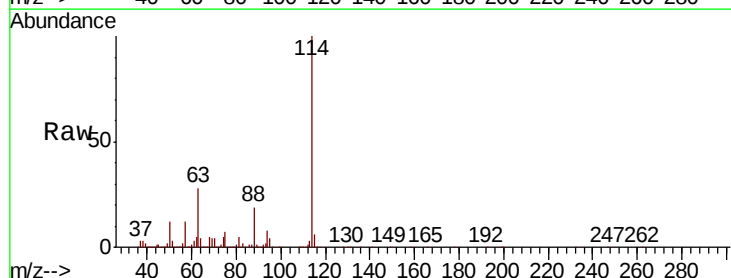
Tgt Ion: 114 Resp: 3481567

Ion Ratio Lower Upper

114 100

63 27.8 22.0 33.0

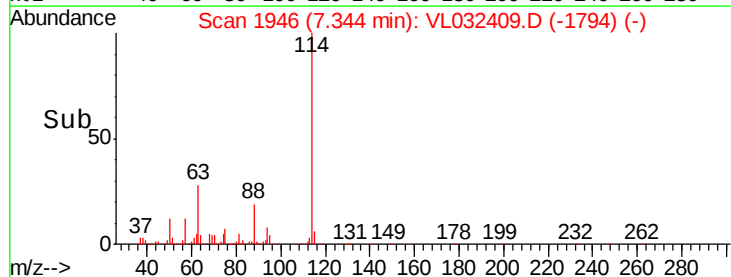
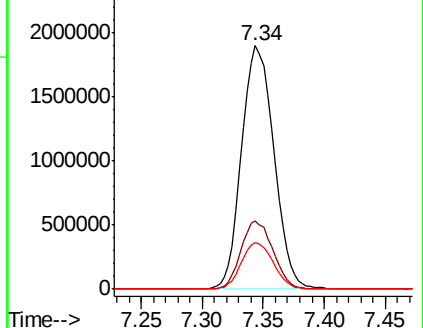
88 18.9 15.3 22.9

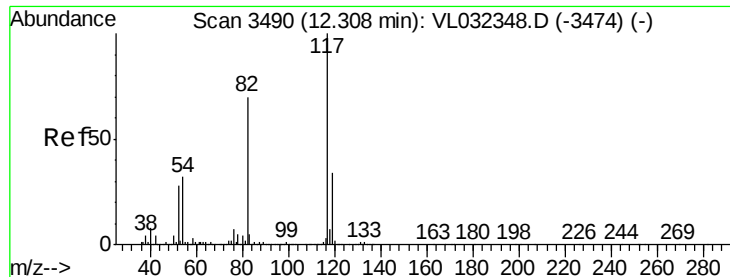


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





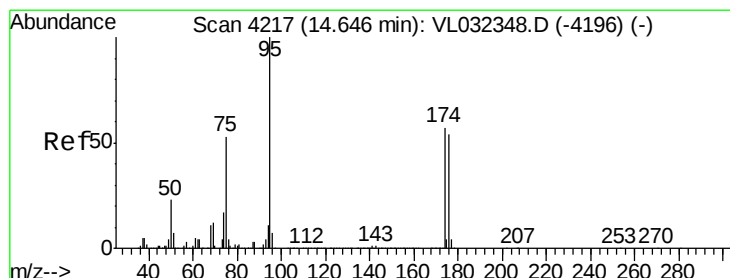
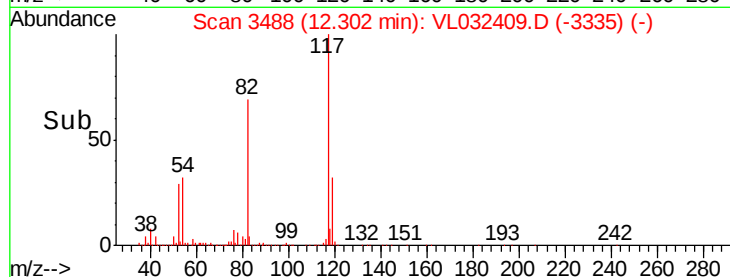
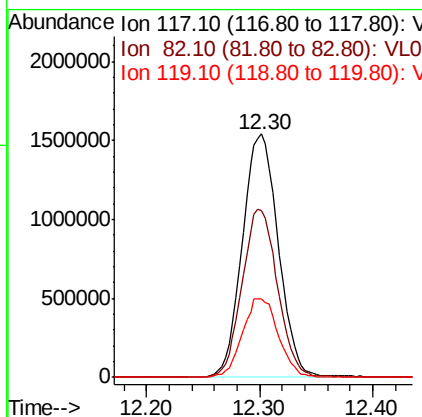
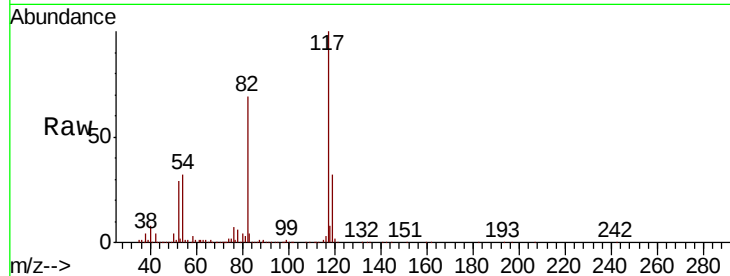
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.30 min Scan# 3488
Delta R.T. -0.01 min
Lab File: VL032409.D
Acq: 20 Aug 2018 18:00

Instrument :
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QC080818 CAN 10257

Tot Ion	Ratio	Lower	Upper
117	100		
82	68.8	55.1	82.7
119	32.6	46.0	69.0#

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.90 ppbv
RT: 14.64 min Scan# 4214
Delta R.T. -0.01 min
Lab File: VL032409.D
Acq: 20 Aug 2018 18:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	57.9	46.2	69.4
175	4.3	3.4	5.0

