

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091420\
Data File : VL035608.D
Acq On : 14 Sep 2020 21:02
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations
APPROVED

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9/17/2020 5:40:33 PM

Quant Time: Sep 15 07:35:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep 14 2020
QLast Update : Mon Sep 14 15:19:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1043317	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4460965	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	4475357	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3285112	10.34	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.40%

Target Compounds					Ovalue
20) Methylene Chloride	4.33	84	15629m	0.182	ppbv

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

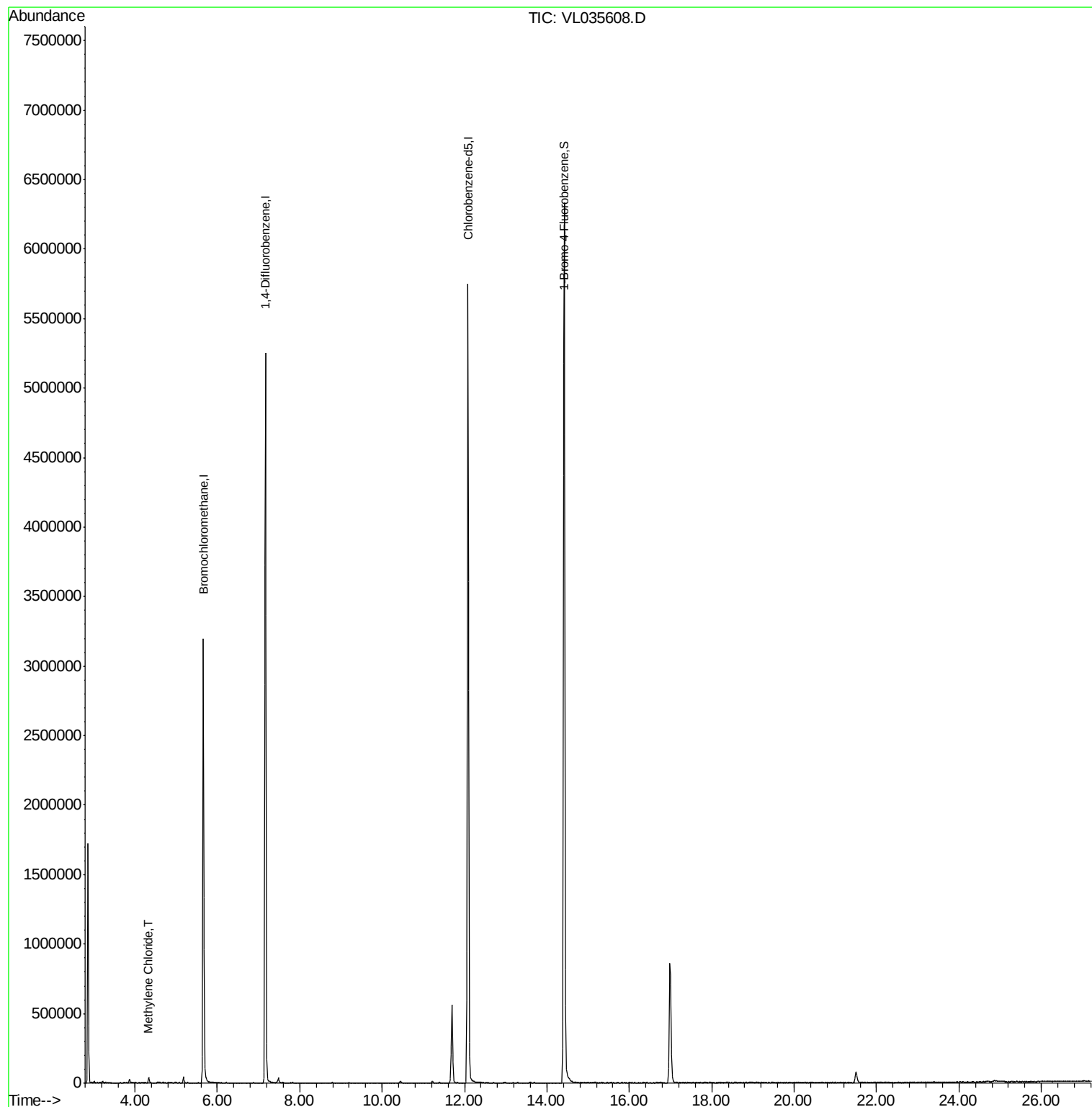
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Data File : VL035608.D
Acq On : 14 Sep 2020 21:02
Operator : SY/AP
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Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

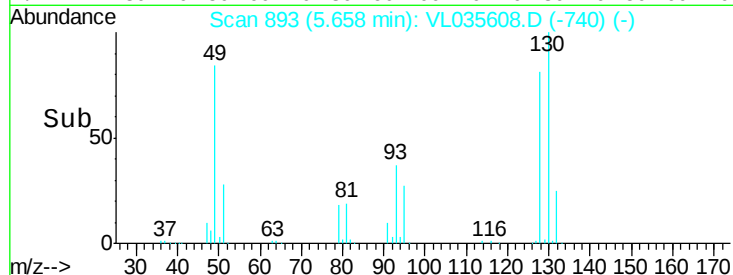
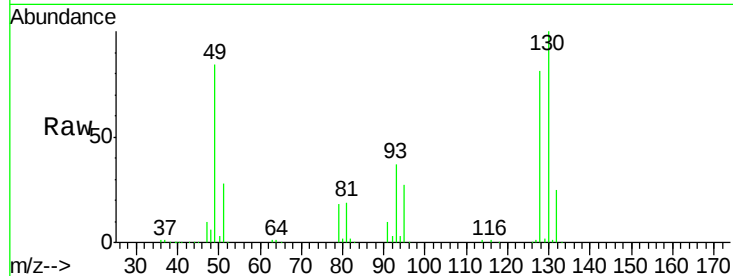
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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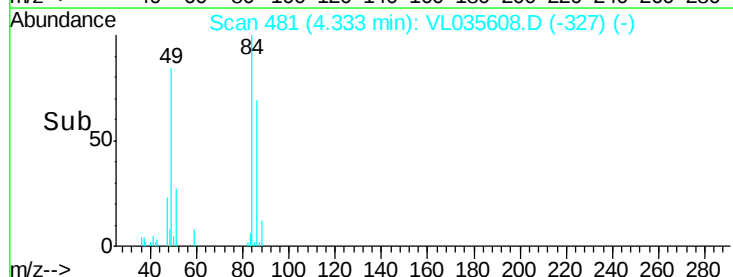
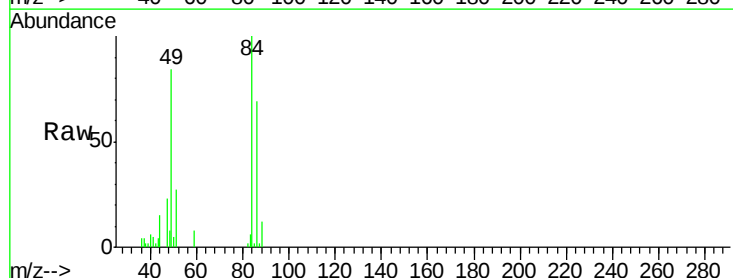
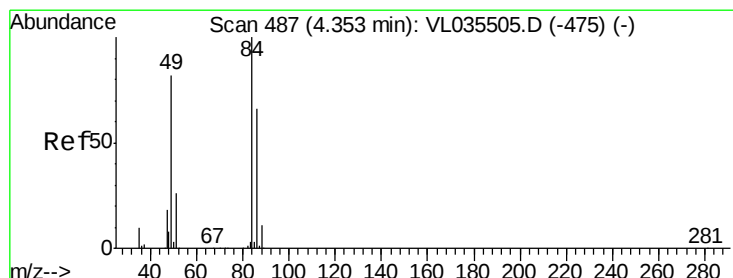
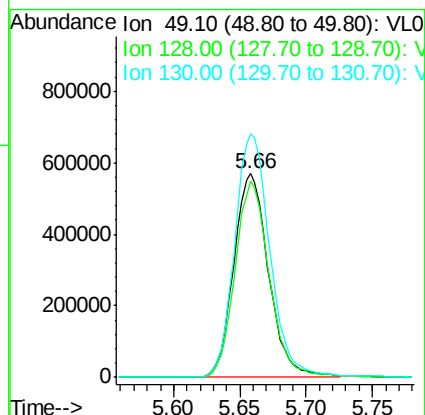
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.01 min
Lab File: VL035608.D
Acq: 14 Sep 2020 21:02

Tot Ion: 49 Resp: 1043317
Ion Ratio Lower Upper
49 100
128 95.2 50.0 150.1
130 122.3 64.4 193.2

Instrument :
MSVOA_L
ClientSampled :
VIBLK

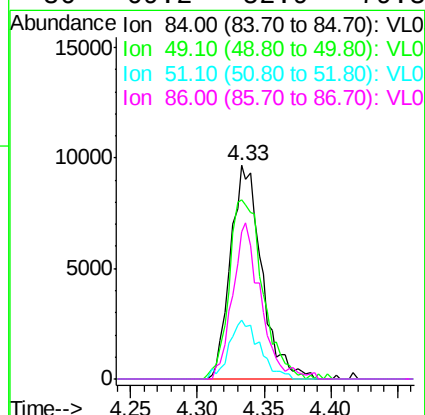
Manual Integrations
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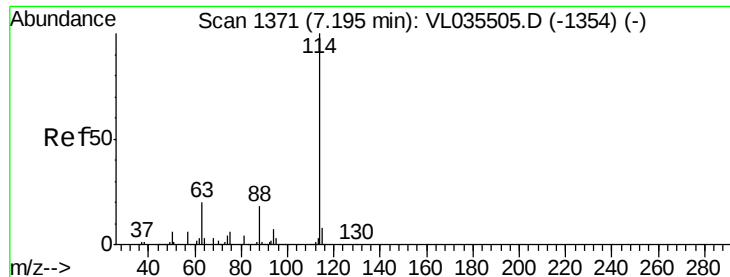
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#20
Methylene Chloride
Concen: 0.182 ppbv m
RT: 4.33 min Scan# 481
Delta R.T. -0.00 min
Lab File: VL035608.D
Acq: 14 Sep 2020 21:02

Tgt Ion: 84 Resp: 15629
Ion Ratio Lower Upper
84 100
49 84.0 65.4 98.0
51 27.4 21.5 32.3
86 69.2 52.9 79.3





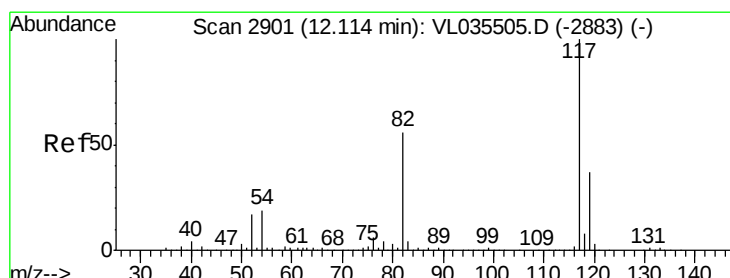
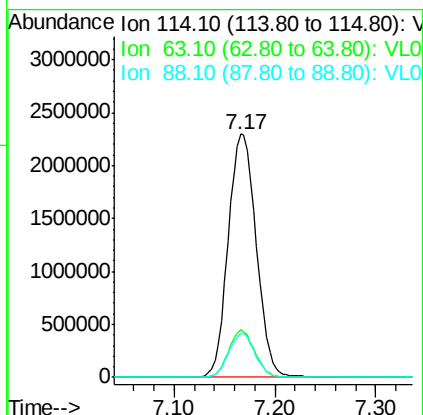
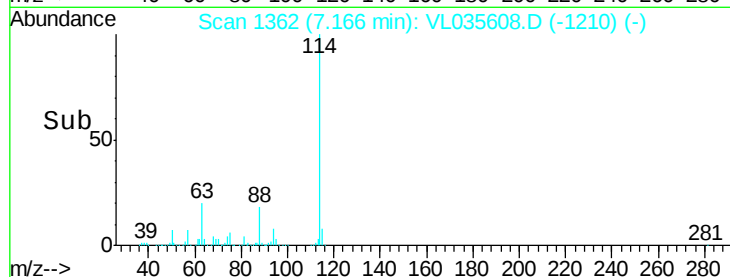
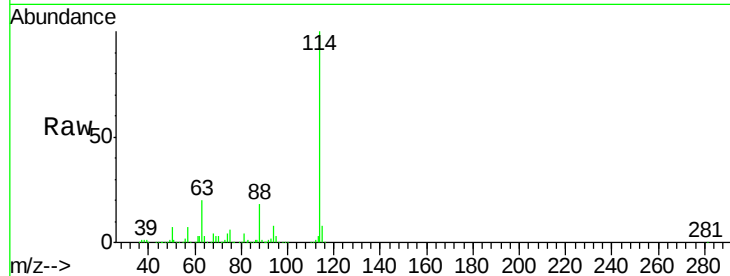
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: VL035608.D
 Acq: 14 Sep 2020 21:02

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tot Ion:114 Resp: 4460965
 Ion Ratio Lower Upper
 114 100
 63 18.3 14.7 22.1
 88 17.0 13.4 20.2

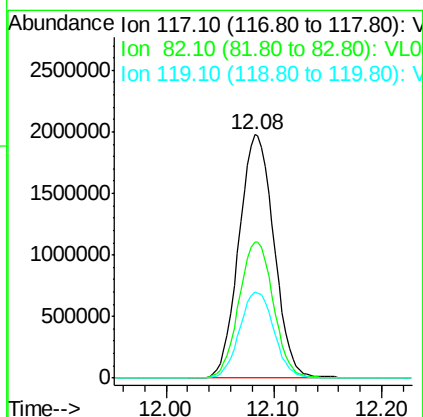
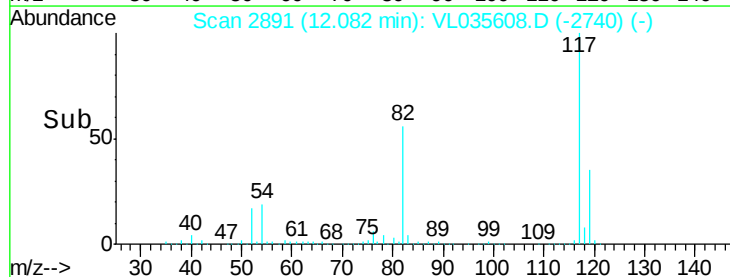
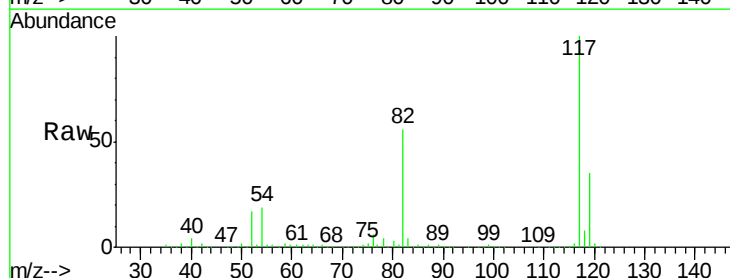
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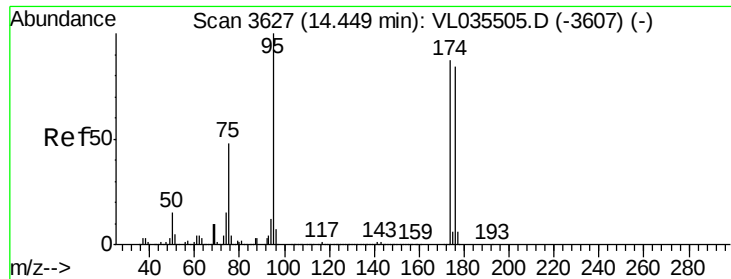
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min Scan# 2891
 Delta R.T. -0.01 min
 Lab File: VL035608.D
 Acq: 14 Sep 2020 21:02

Tgt Ion:117 Resp: 4475357
 Ion Ratio Lower Upper
 117 100
 82 55.2 41.6 62.4
 119 34.8 29.3 43.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.336 ppbv
 RT: 14.42 min Scan# 3618
 Delta R.T. -0.01 min
 Lab File: VL035608.D
 Acq: 14 Sep 2020 21:02

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tot Ion	Ratio	Lower	Upper
95	100		
174	81.5	69.6	104.4
175	5.8	5.1	7.7

Manual Integrations
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