

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081020\
Data File : VL035372.D
Acq On : 10 Aug 2020 12:06
Operator : SY/AP
Sample : VL0810ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0810ABL01

Manual Integrations
APPROVED

MMDadoda
8/12/2020 3:58:20 PM

Quant Time: Aug 11 04:42:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080520AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 0
QLast Update : Wed Aug 05 13:04:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1138825	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2922680	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2798646	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2336778	10.01	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.10%

Target Compounds					Ovalue
20) Methylene Chloride	4.31	84	11067m	0.168	ppbv

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

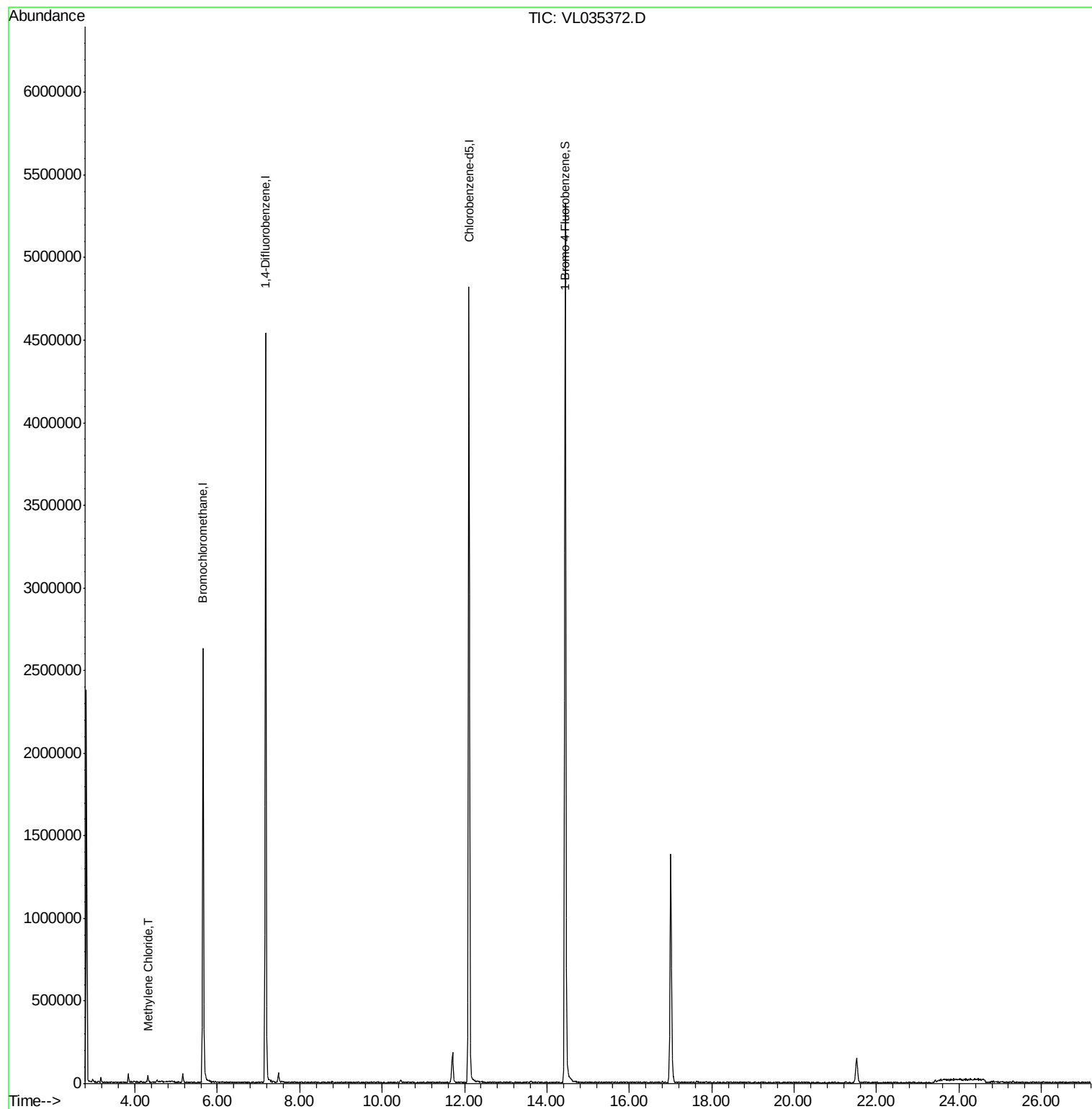
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Data File : VL035372.D
Acq On : 10 Aug 2020 12:06
Operator : SY/AP
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Misc : 400ml/MSVOA L
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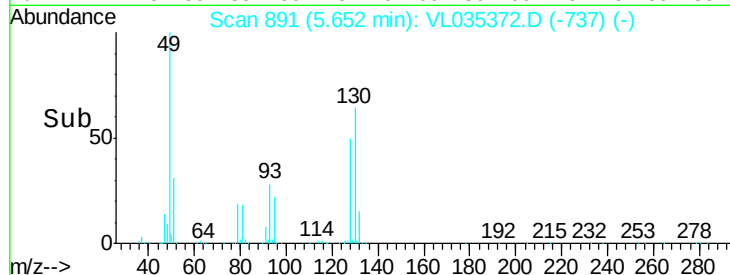
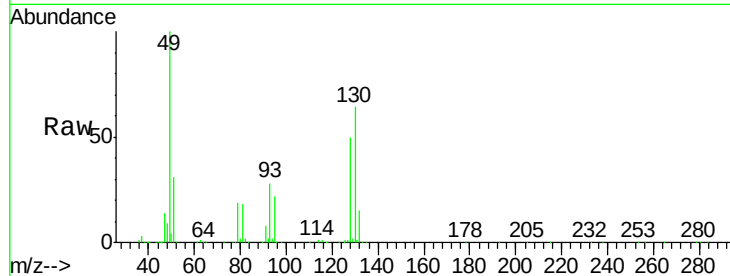
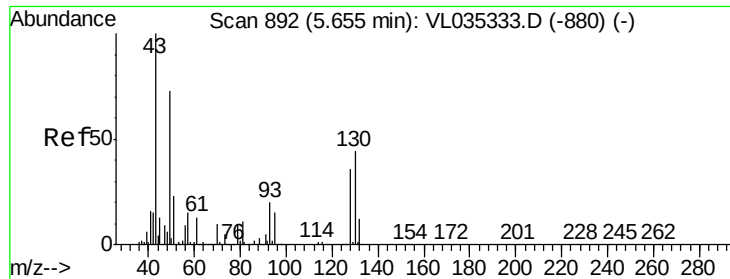
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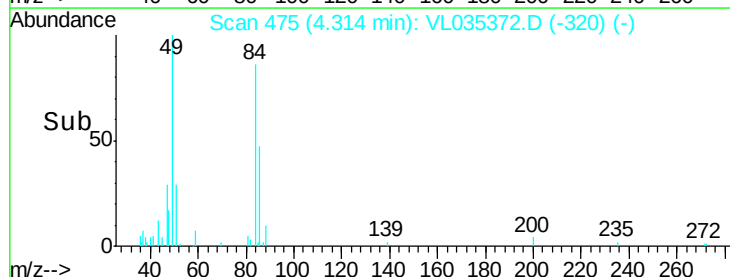
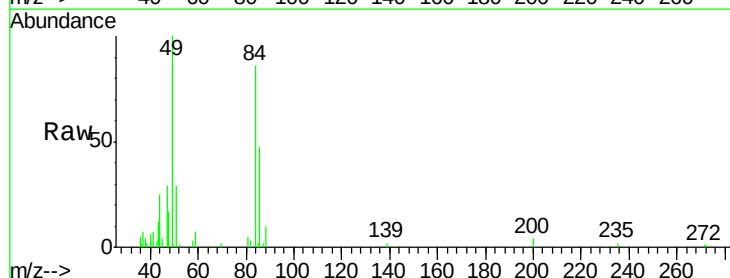
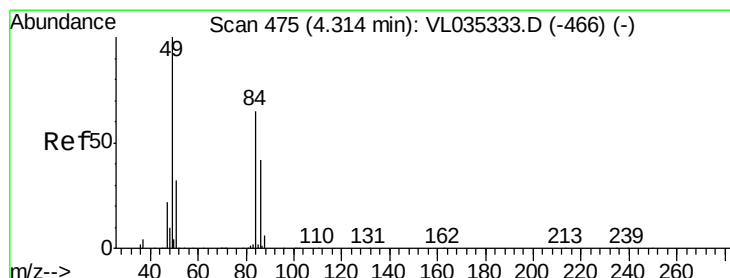
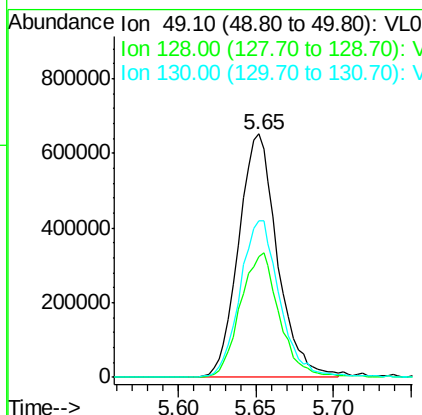
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 891
Delta R.T. -0.00 min
Lab File: VL035372.D
Acq: 10 Aug 2020 12:06

Tot Ion: 49 Resp: 1138825
Ion Ratio Lower Upper
49 100
128 51.9 25.4 76.0
130 66.3 32.1 96.3

Instrument :
MSVOA_L
ClientSampleId :
VL0810ABL01

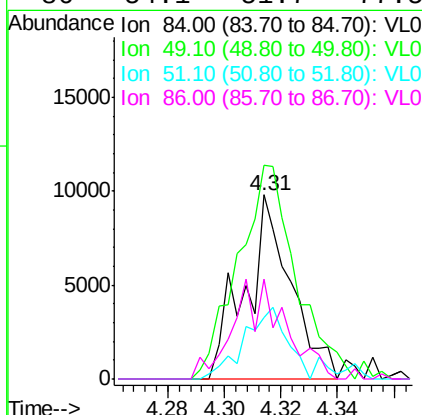
Manual Integrations
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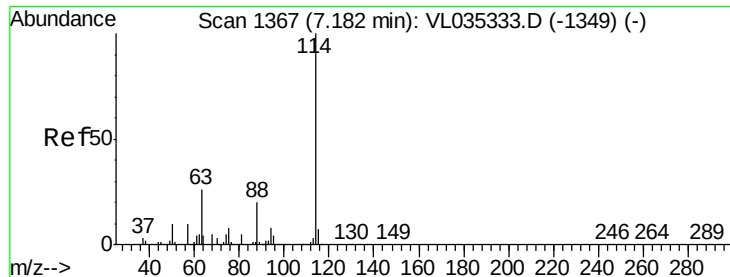
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#20
Methylene Chloride
Concen: 0.168 ppbv m
RT: 4.31 min Scan# 475
Delta R.T. -0.00 min
Lab File: VL035372.D
Acq: 10 Aug 2020 12:06

Tgt Ion: 84 Resp: 11067
Ion Ratio Lower Upper
84 100
49 116.2 122.8 184.2#
51 33.5 40.1 60.1#
86 54.1 51.7 77.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VL035372.D

Acq: 10 Aug 2020 12:06

Instrument :

MSVOA_L

ClientSampleId :

VL0810ABL01

Tot Ion:114 Resp: 2922680

Ion Ratio Lower Upper

114 100

63 27.0 21.3 31.9

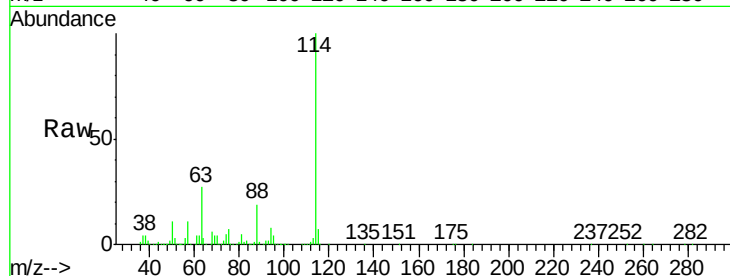
88 19.3 15.3 22.9

Manual Integrations

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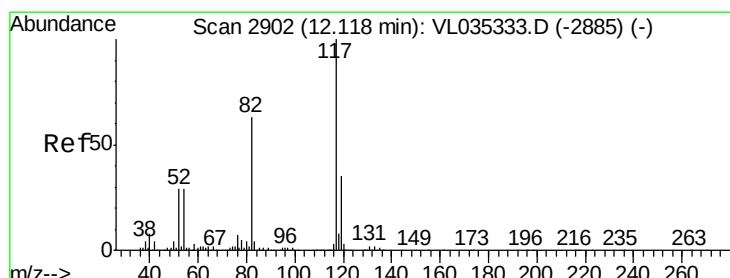
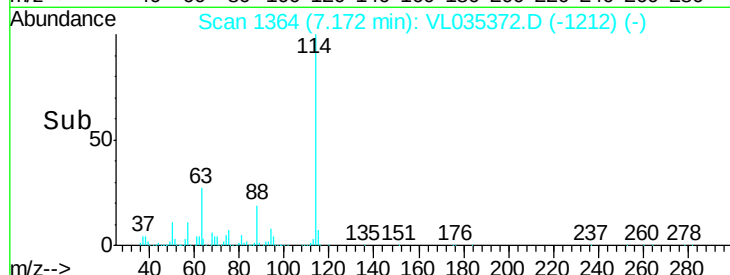
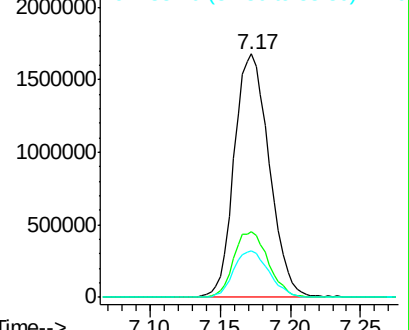
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Abundance Ion 114.10 (113.80 to 114.80): V

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: 12.11 min Scan# 2899

Delta R.T. -0.01 min

Lab File: VL035372.D

Acq: 10 Aug 2020 12:06

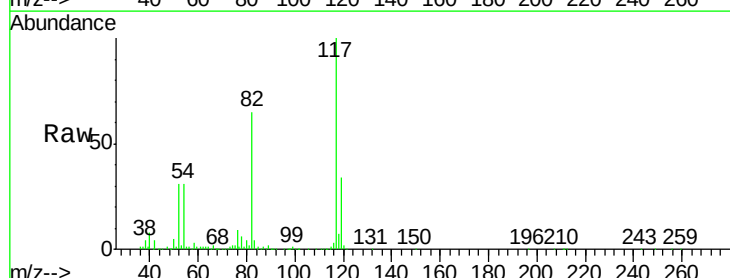
Tgt Ion:117 Resp: 2798646

Ion Ratio Lower Upper

117 100

82 67.1 51.0 76.4

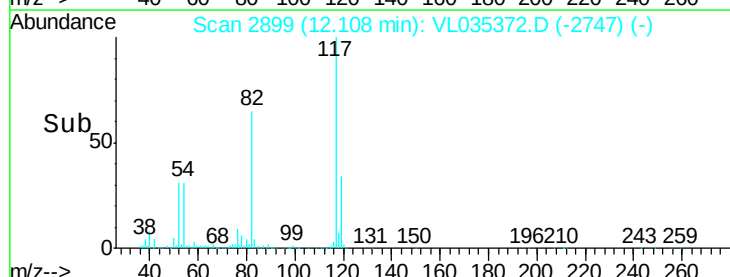
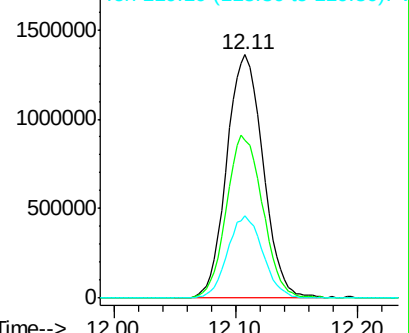
119 32.9 24.7 37.1

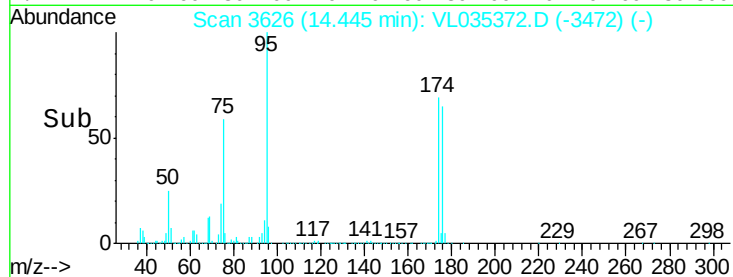
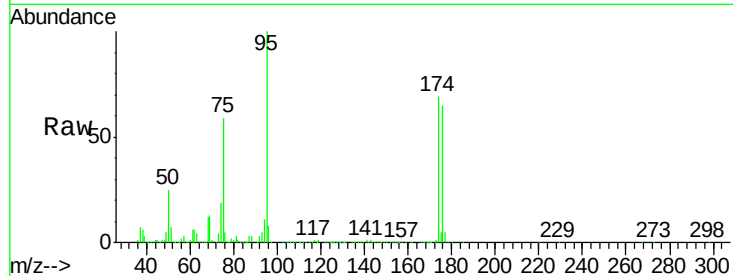
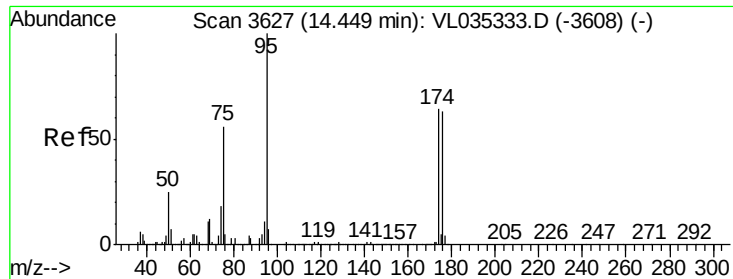


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.013 ppbv

RT: 14.45 min Scan# 3626

Delta R.T. -0.00 min

Lab File: VL035372.D

Acq: 10 Aug 2020 12:06

Tot Ion: 95 Resp: 2336778

Ion Ratio Lower Upper

95 100

174 67.6 53.5 80.3

175 4.7 4.2 6.2

Instrument :

MSVOA_L

ClientSampleId :

VL0810ABL01

Manual Integrations

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