

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121020\
Data File : VL036140.D
Acq On : 10 Dec 2020 22:53
Operator : SY/AP
Sample : L4930-02DL 40X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-SG-1DL

Manual Integrations
APPROVED

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12/15/2020 4:51:25 PM

Quant Time: Dec 11 04:34:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Dec 0
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1347704	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.16	114	2661779	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.07	117	2372354	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2020417	10.73	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.30%

Target Compounds					Ovalue
20) Methylene Chloride	4.33	84	24592m	0.371	ppbv

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

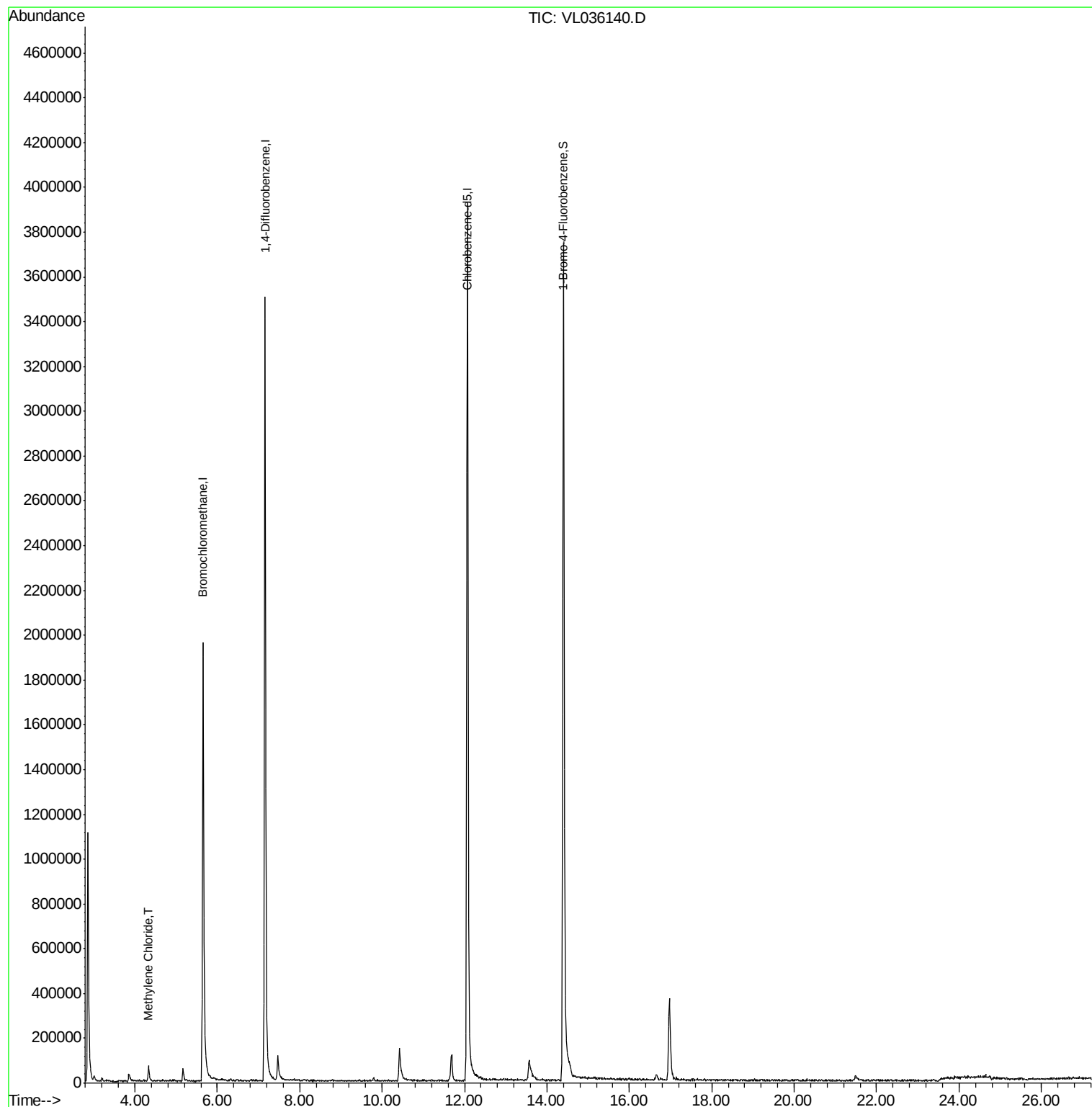
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL121020\
Data File : VL036140.D
Acq On : 10 Dec 2020 22:53
Operator : SY/AP
Sample : L4930-02DL 40X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

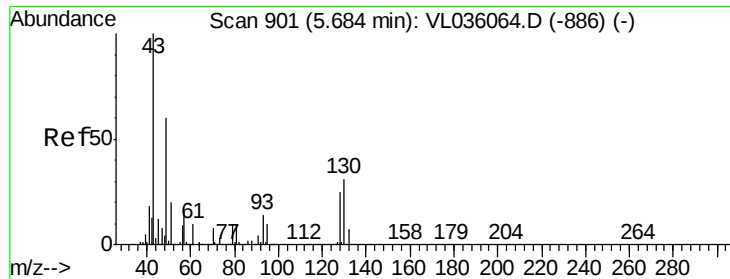
Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-SG-1DL

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Quant Time: Dec 11 04:34:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.03 min

Lab File: VL036140.D

Acq: 10 Dec 2020 22:53

Instrument :

MSVOA_L

ClientSampleId :

OFFSITE-SG-1DL

Tot Ion: 49 Resp: 1347704

Ion Ratio Lower Upper

49 100

128 35.8 21.1 63.1

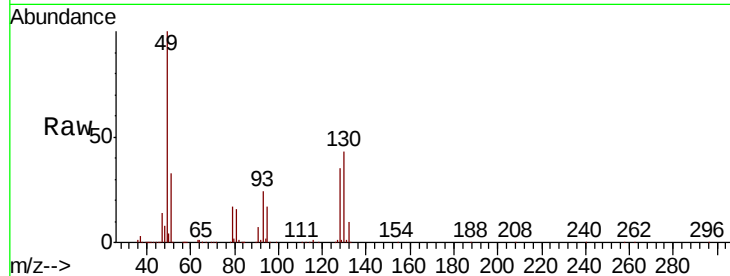
130 45.4 27.1 81.3

Manual Integrations

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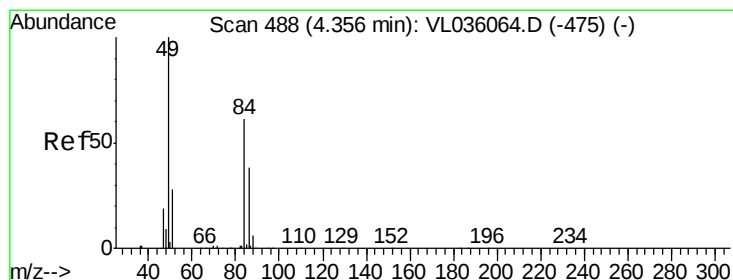
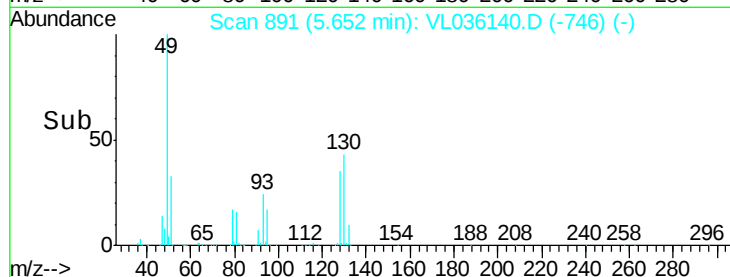
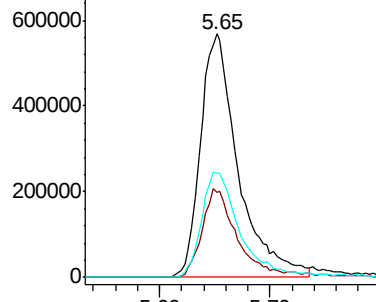
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#20

Methylene Chloride

Concen: 0.371 ppbv m

RT: 4.33 min Scan# 481

Delta R.T. -0.02 min

Lab File: VL036140.D

Acq: 10 Dec 2020 22:53

Tgt Ion: 84 Resp: 24592

Ion Ratio Lower Upper

84 100

49 150.9 133.0 199.4

51 70.5 38.9 58.3#

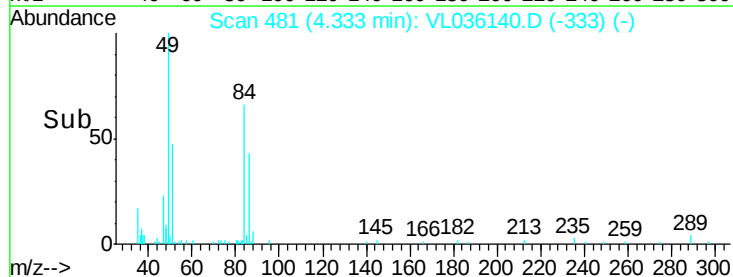
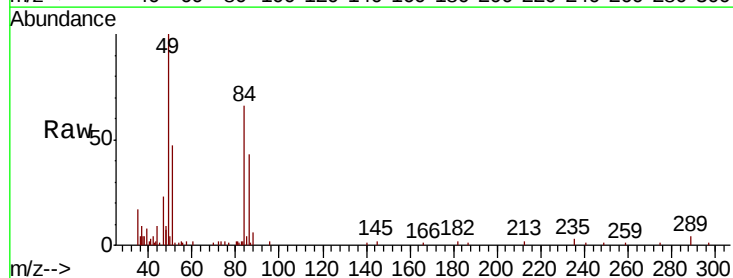
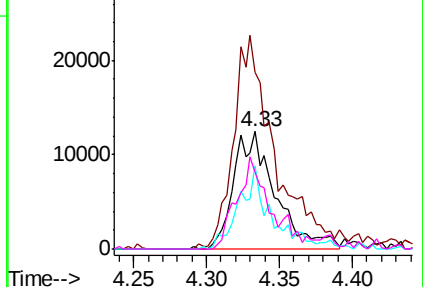
86 65.0 48.8 73.2

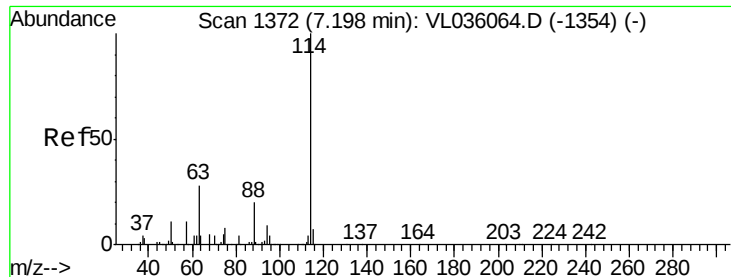
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 min Scan# 1360

Delta R.T. -0.04 min

Lab File: VL036140.D

Acq: 10 Dec 2020 22:53

Instrument :

MSVOA_L

ClientSampleId :

OFFSITE-SG-1DL

Tot Ion:114 Resp: 2661779

Ion Ratio Lower Upper

114 100

63 32.6 23.6 35.4

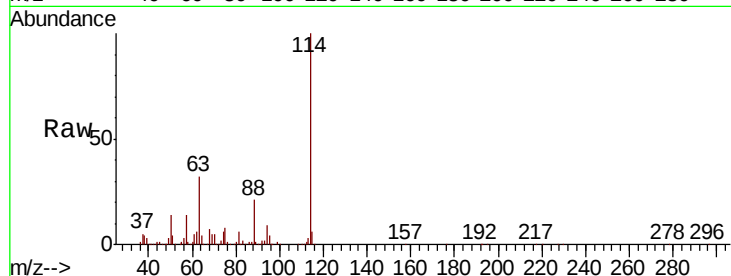
88 21.1 15.8 23.6

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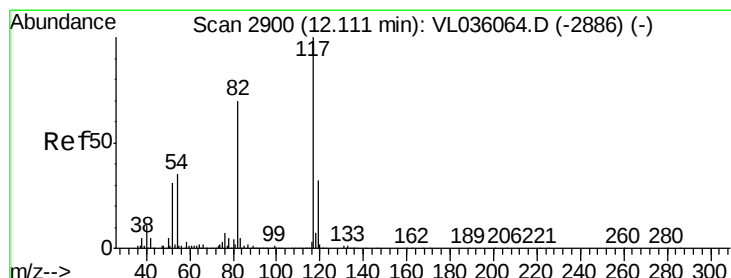
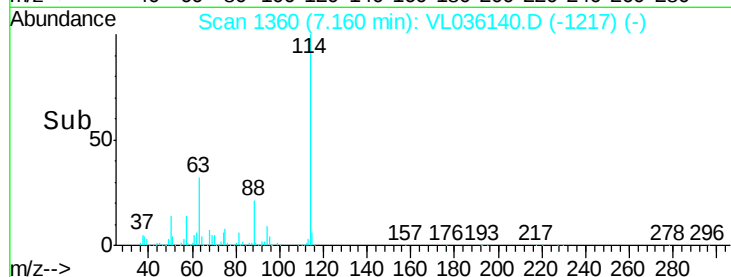
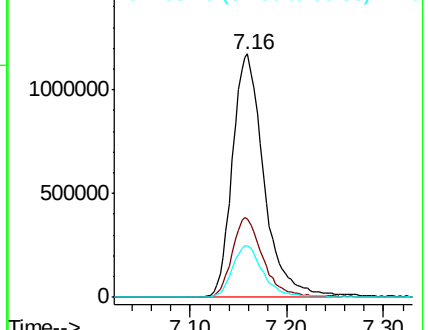
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Abundance Ion 114.10 (113.80 to 114.80): V

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: 12.07 min Scan# 2887

Delta R.T. -0.04 min

Lab File: VL036140.D

Acq: 10 Dec 2020 22:53

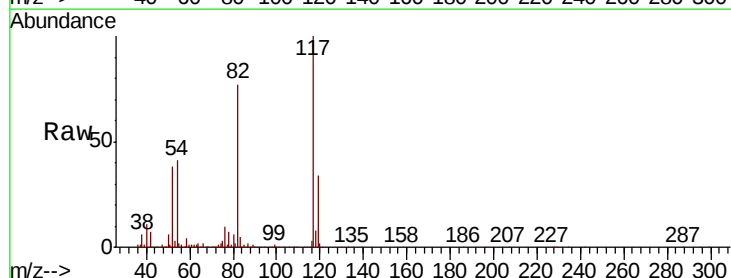
Tgt Ion:117 Resp: 2372354

Ion Ratio Lower Upper

117 100

82 80.7 0.0 0.0#

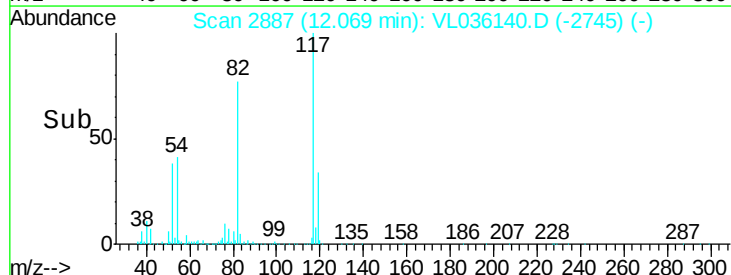
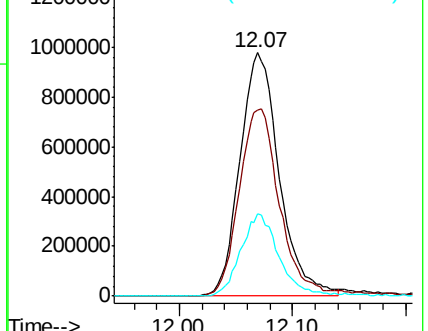
119 33.4 0.0 0.0#

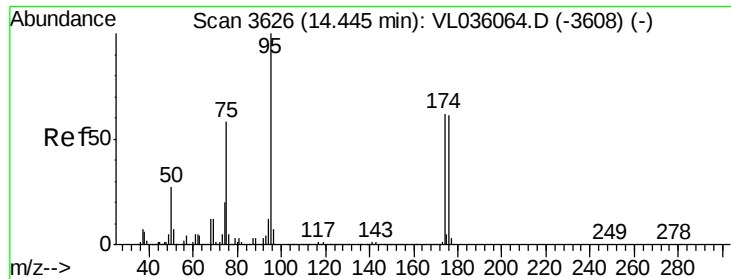


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.725 ppbv
 RT: 14.40 min Scan# 3613
 Delta R.T. -0.04 min
 Lab File: VL036140.D
 Acq: 10 Dec 2020 22:53

Instrument :
 MSVOA_L
 ClientSampleId :
 OFFSITE-SG-1DL

Tot Ion: 95 Resp: 2020417
 Ion Ratio Lower Upper
 95 100
 174 56.6 50.7 76.1
 175 3.8 4.0 6.0#

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