

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112420\
Data File : VL036024.D
Acq On : 25 Nov 2020 10:30
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Nov 26 01:51:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1315879	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	5003541	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	4615290	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	3437472	10.48	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.80%

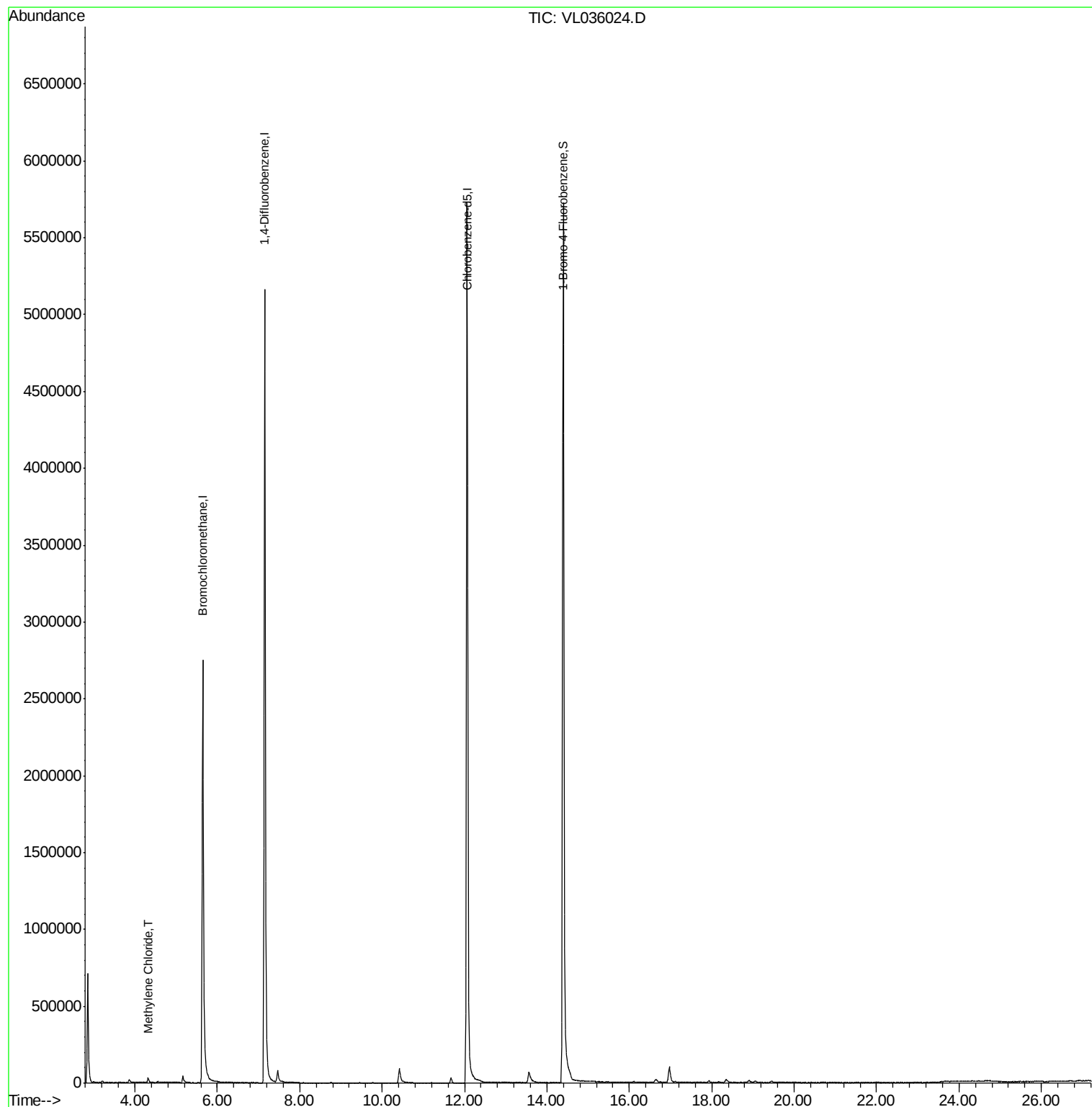
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.33	84	16782	0.169	ppbv	# 92

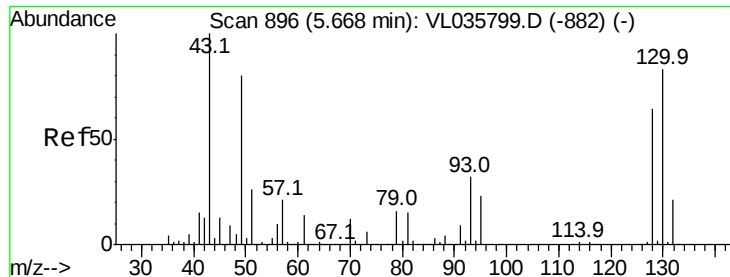
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.02 min

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Instrument :

MSVOA_L

ClientSampleId :

VIBLK

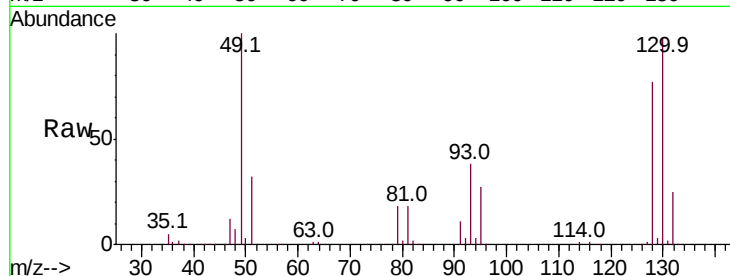
Tot Ion: 49 Resp: 1315879

Ion Ratio Lower Upper

49 100

128 79.3 41.5 124.6

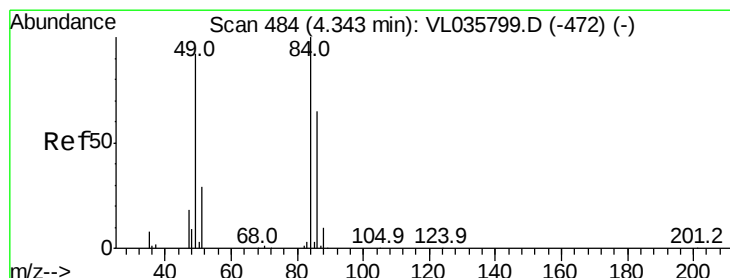
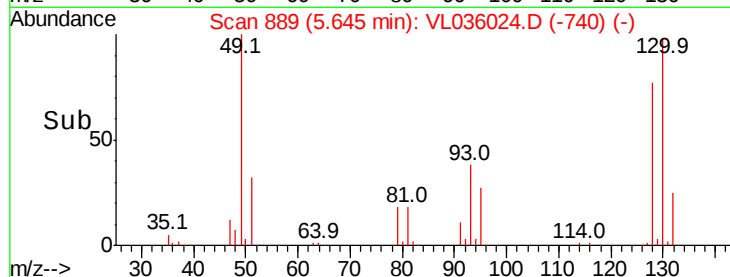
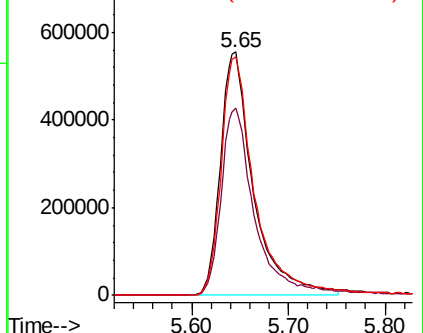
130 102.6 53.7 161.1



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: 0.169 ppbv

RT: 4.33 min Scan# 479

Delta R.T. -0.02 min

Lab File: VL036024.D

Acq: 25 Nov 2020 10:30

Tgt Ion: 84 Resp: 16782

Ion Ratio Lower Upper

84 100

49 92.9 73.8 110.8

51 20.6 23.0 34.4#

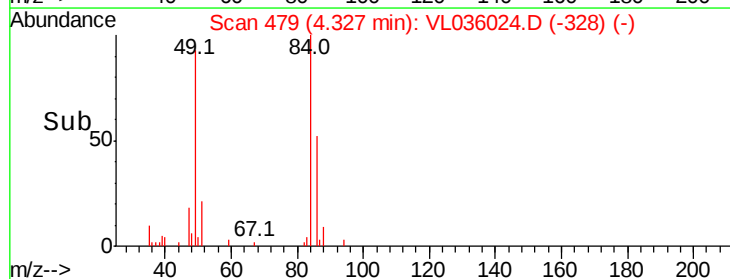
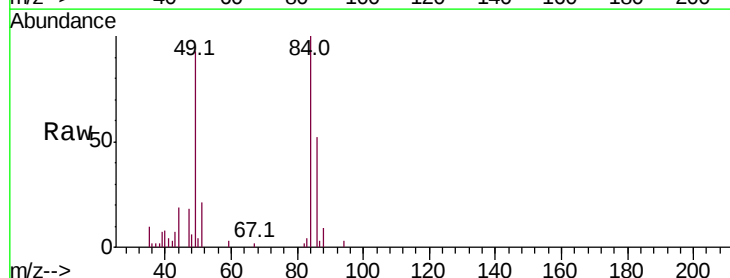
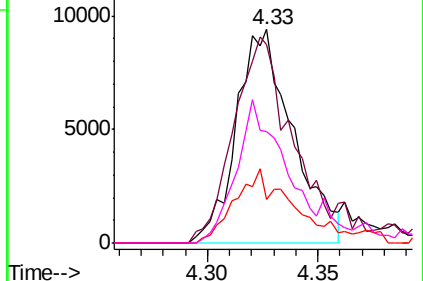
86 52.1 52.1 78.1

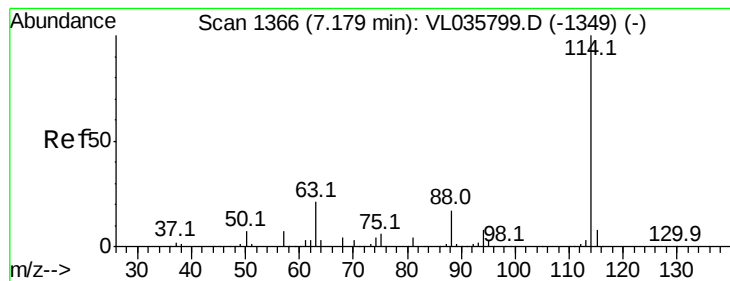
Abundance Ion 84.00 (83.70 to 84.70): VL0

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: 7.15 min Scan# 1357

Delta R.T. -0.03 min

Lab File: VL036024.D

Acq: 25 Nov 2020 10:30

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

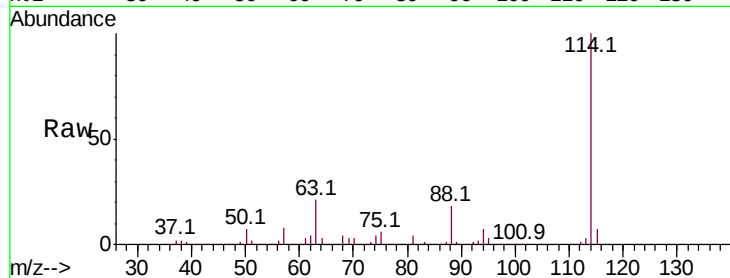
Tot Ion:114 Resp: 5003541

Ion Ratio Lower Upper

114 100

63 20.0 16.1 24.1

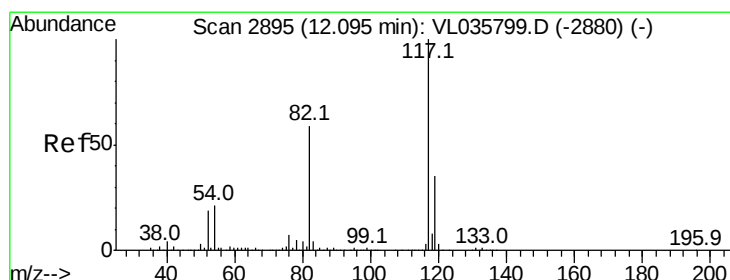
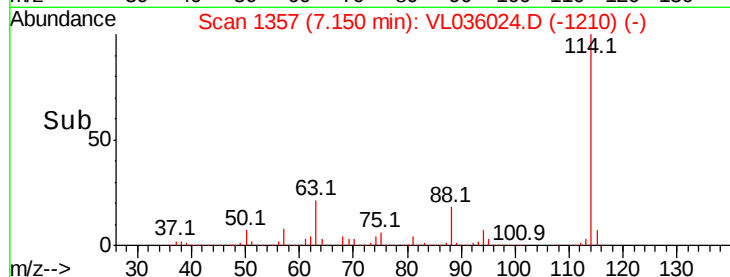
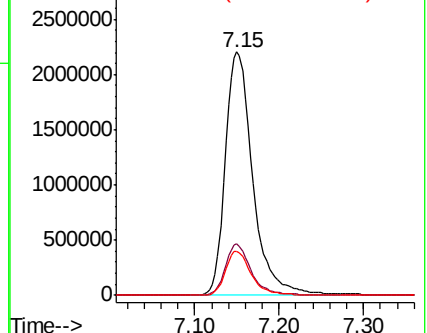
88 17.3 13.7 20.5



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: 12.06 min Scan# 2885

Delta R.T. -0.03 min

Lab File: VL036024.D

Acq: 25 Nov 2020 10:30

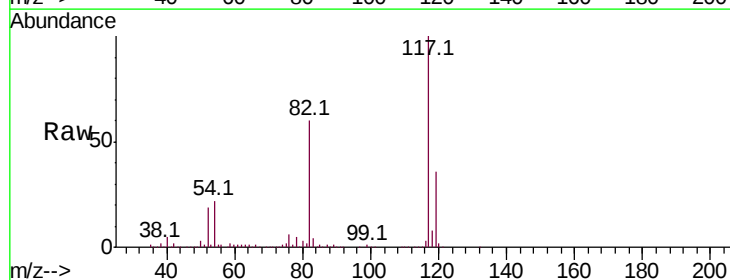
Tgt Ion:117 Resp: 4615290

Ion Ratio Lower Upper

117 100

82 59.4 50.6 76.0

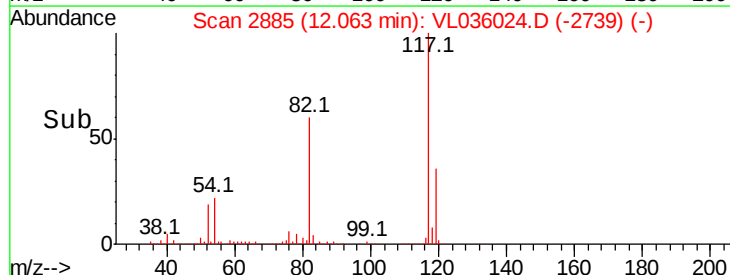
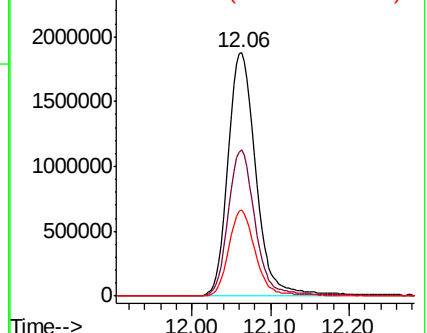
119 34.3 52.6 78.8#

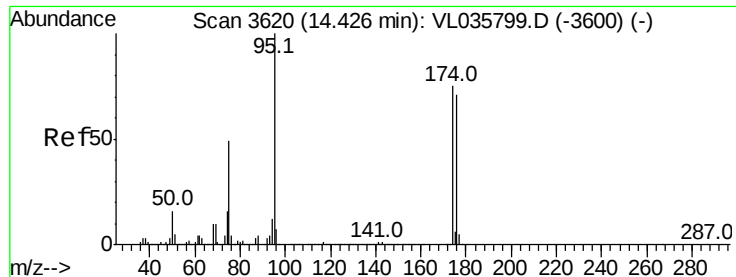


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.483 ppbv

RT: 14.39 min Scan# 3610

Delta R.T. -0.03 min

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Acq: 25 Nov 2020 10:30

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

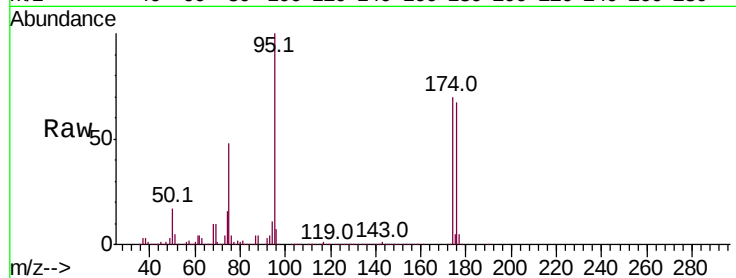
Tot Ion: 95 Resp: 3437472

Ion Ratio Lower Upper

95 100

174 71.6 59.8 89.6

175 4.9 4.3 6.5



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

