

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL080320\
Data File : VL035327.D
Acq On : 4 Aug 2020 00:13
Operator : SY/AP
Sample : L3540-01DL 1200X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
LAGCARB-IN-01DL

Quant Time: Aug 04 12:12:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 04 05:31:29 2020
QLast Update : Tue Aug 04 05:31:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1206691	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3057024	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2989722	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2492114	9.95	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.50%

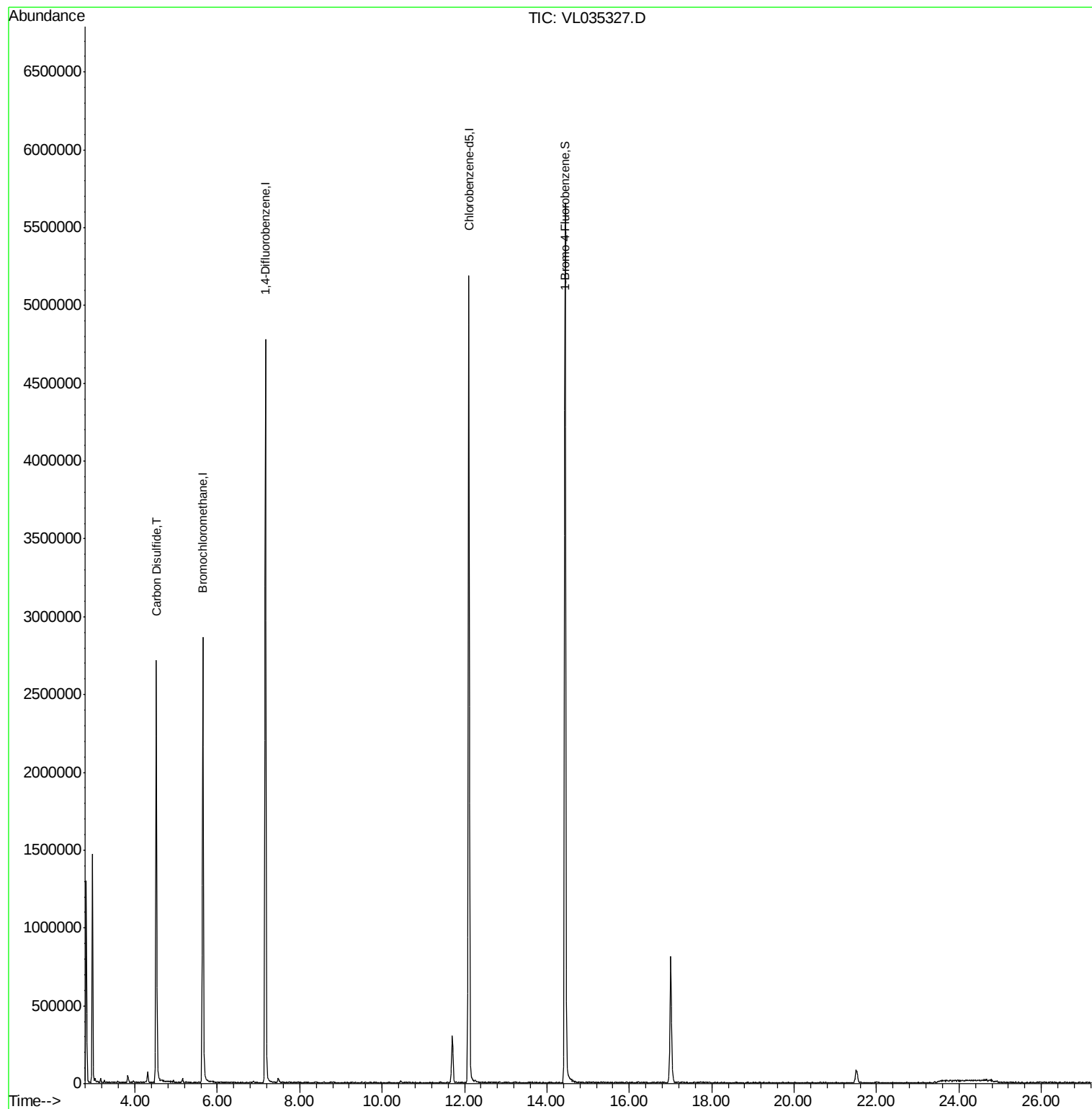
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
27) Carbon Disulfide	4.52	76	3133324	19.719	ppbv	99

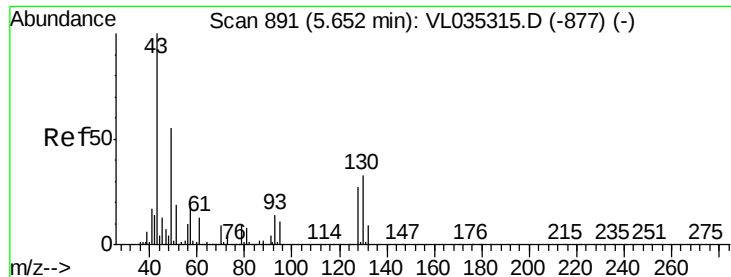
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.01 min

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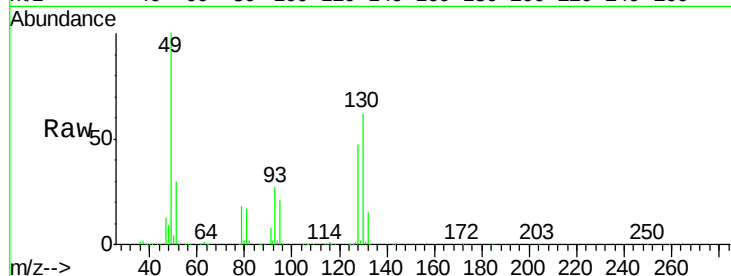
Tgt Ion: 49 Resp: 1206691

Ion Ratio Lower Upper

49 100

128 51.5 23.8 71.5

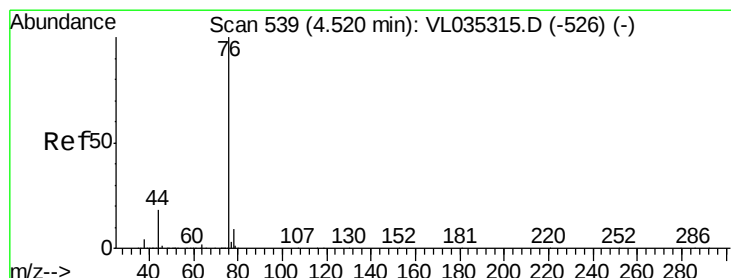
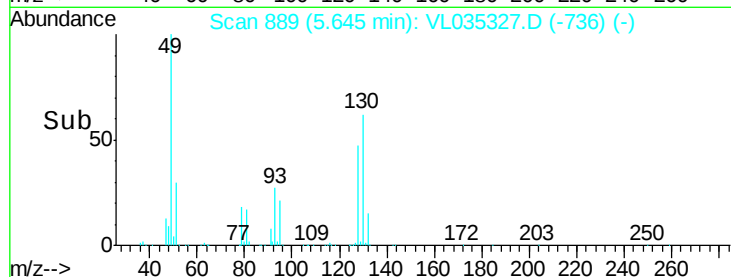
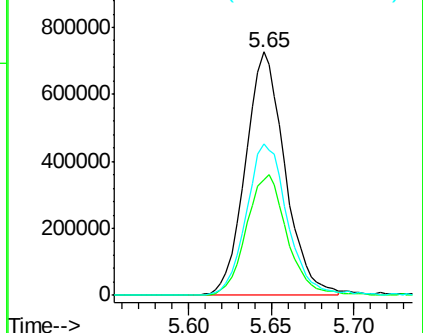
130 66.0 31.4 94.3



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



#27

Carbon Disulfide

Concen: 19.719 ppbv

RT: 4.52 min Scan# 538

Delta R.T. -0.00 min

Lab File: VL035327.D

Acq: 4 Aug 2020 00:13

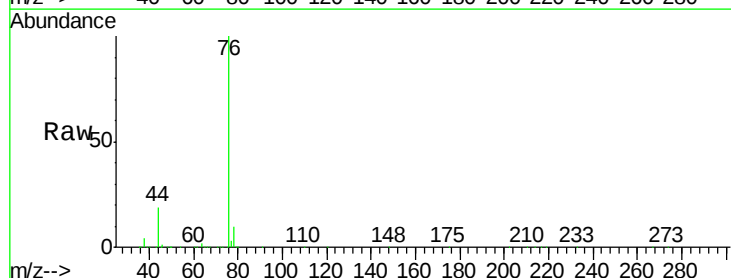
Tgt Ion: 76 Resp: 3133324

Ion Ratio Lower Upper

76 100

44 19.2 14.8 22.2

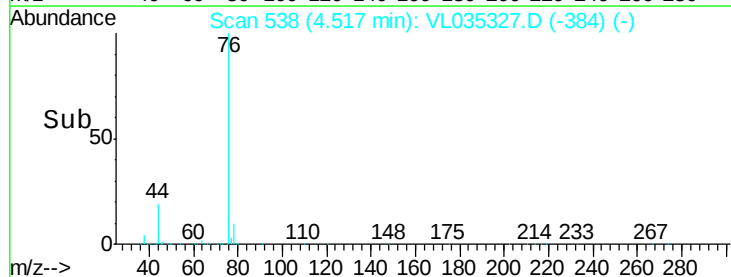
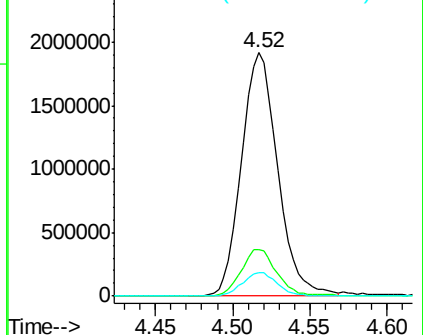
78 9.5 7.8 11.8

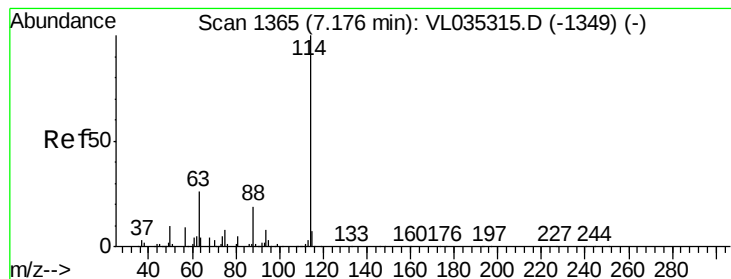


Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. -0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

LAGCARB-IN-01DL

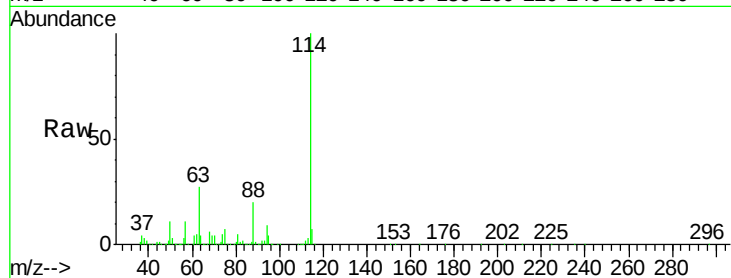
Tgt Ion:114 Resp: 3057024

Ion Ratio Lower Upper

114 100

63 27.6 21.5 32.3

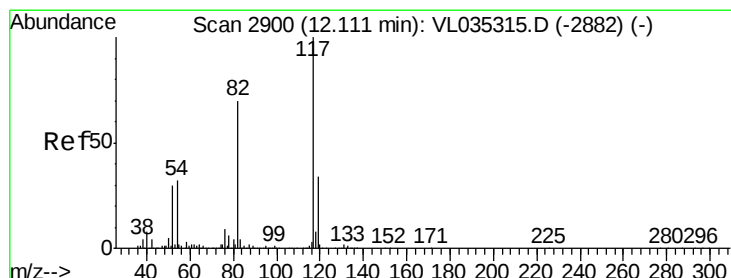
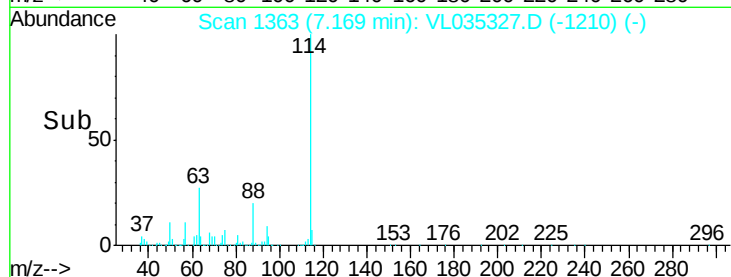
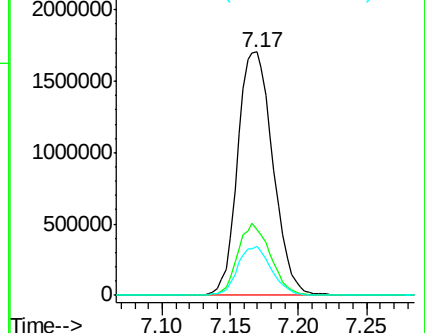
88 19.3 15.3 22.9



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: 12.10 min Scan# 2898

Delta R.T. -0.01 min

Lab File: VL035327.D

Acq: 4 Aug 2020 00:13

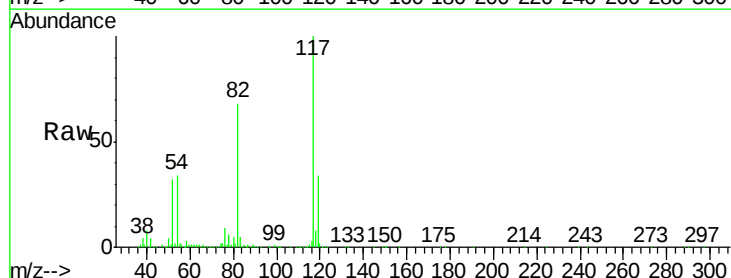
Tgt Ion:117 Resp: 2989722

Ion Ratio Lower Upper

117 100

82 68.6 50.6 76.0

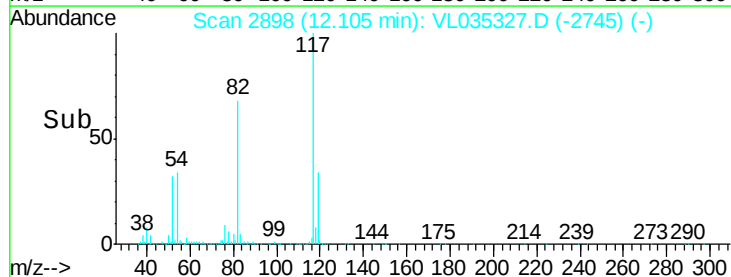
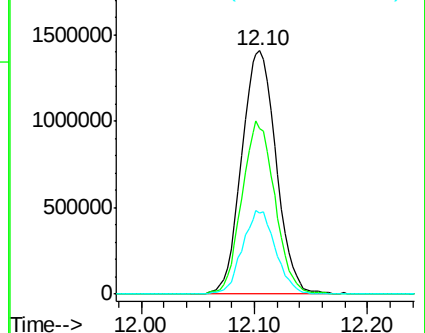
119 33.0 24.1 36.1

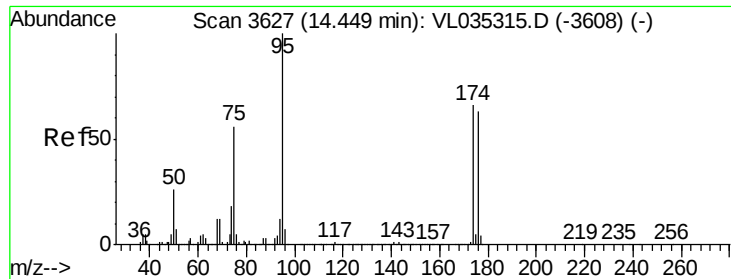


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.951 ppbv

RT: 14.44 min Scan# 3624

Delta R.T. -0.01 min

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Acq: 4 Aug 2020 00:13

Instrument :

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LAGCARB-IN-01DL

Tgt Ion: 95 Resp: 2492114

Ion Ratio Lower Upper

95 100

174 66.4 52.5 78.7

175 4.9 3.9 5.9

