

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080320\
 Data File : VL035328.D
 Acq On : 4 Aug 2020 00:50
 Operator : SY/AP
 Sample : L3540-01DL DUP 1200X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LAGCARB-IN-01DL DUP

Quant Time: Aug 04 12:13:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	1207213	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2992012	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2947763	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2464990	9.98	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.80%

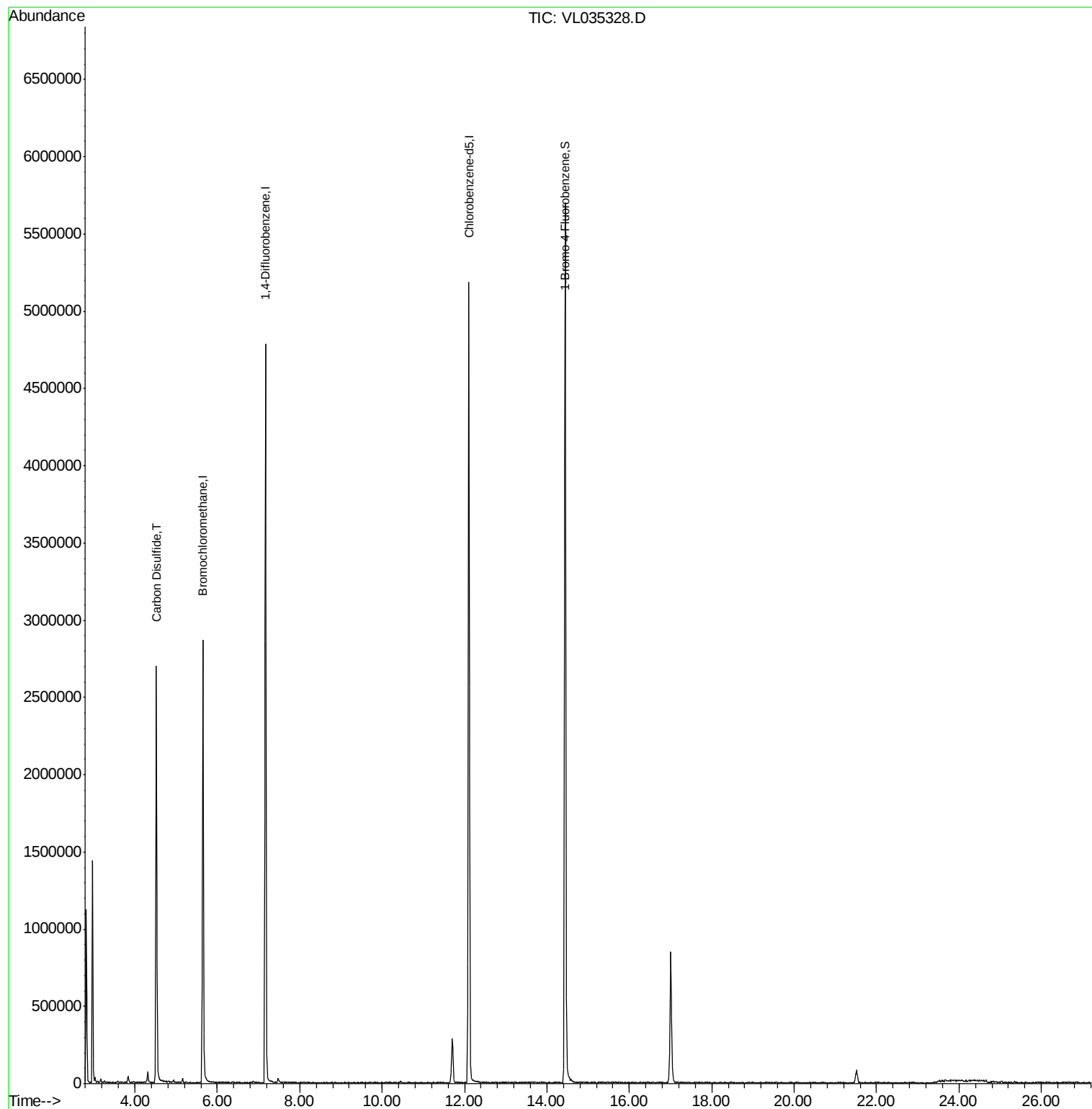
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
27) Carbon Disulfide	4.52	76	3145179	19.785	ppbv	99

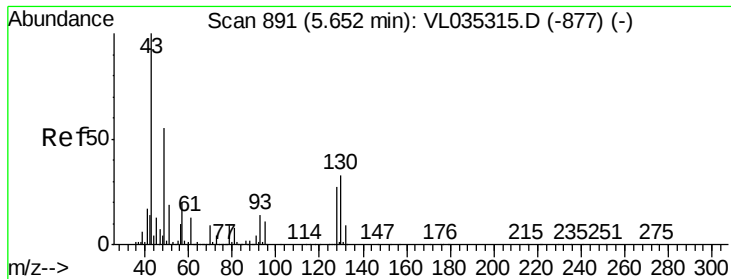
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 04 12:13:13 2020
Quant Method : Z:\V0ASRV\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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.00 min

Lab File: VL035328.D

Acq: 4 Aug 2020 00:50

Instrument :

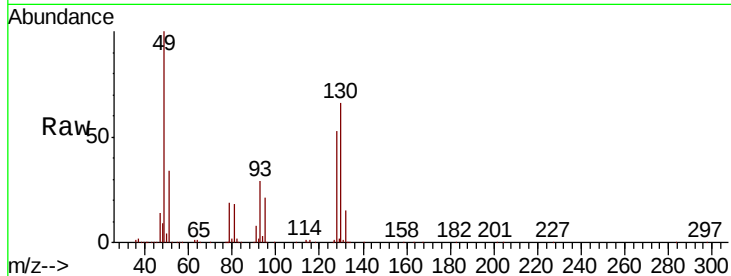
MSVOA_L

ClientSampleId :

LAGCARB-IN-01DLDP

Tot Ion: 49 Resp: 1207213

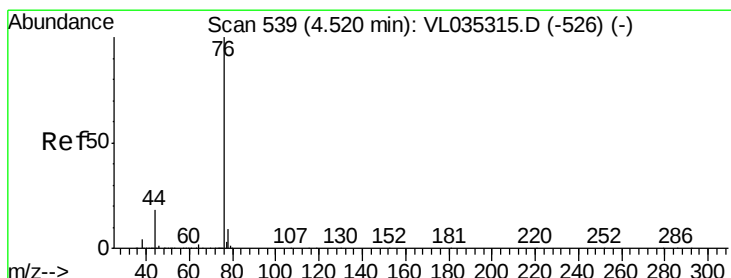
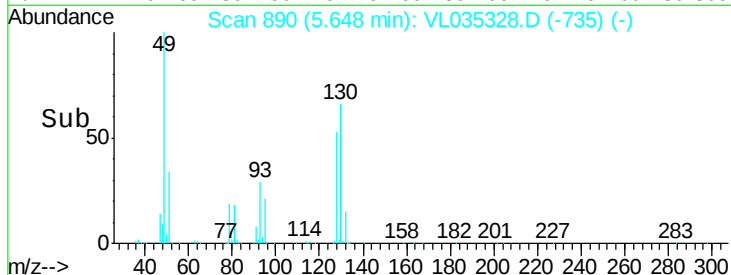
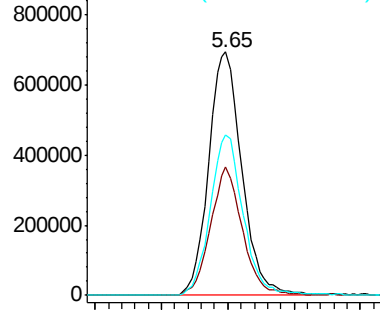
Ion	Ratio	Lower	Upper
49	100		
128	50.5	23.8	71.5
130	65.9	31.4	94.3



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: 19.785 ppbv

RT: 4.52 min Scan# 539

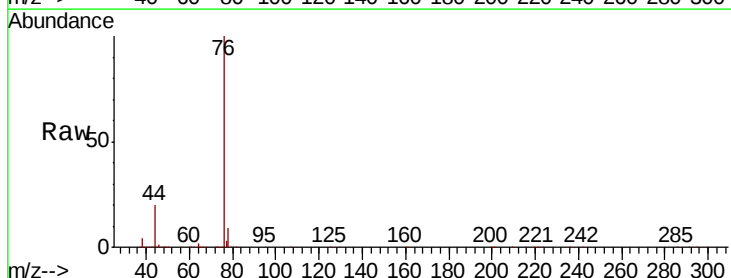
Delta R.T. 0.00 min

Lab File: VL035328.D

Acq: 4 Aug 2020 00:50

Tgt Ion: 76 Resp: 3145179

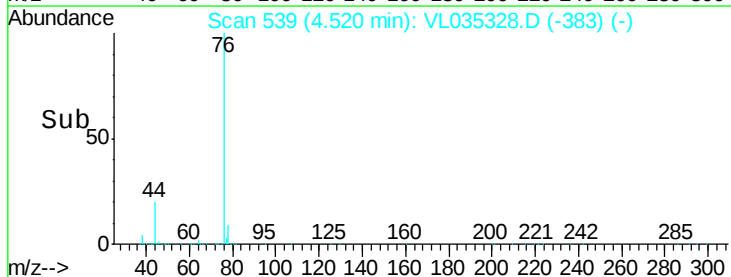
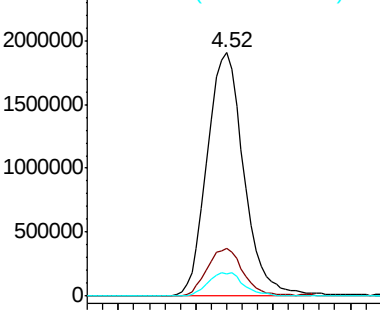
Ion	Ratio	Lower	Upper
76	100		
44	19.4	14.8	22.2
78	9.6	7.8	11.8

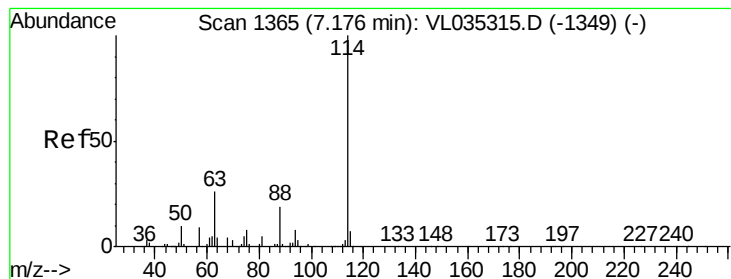


Abundance Ion 76.00 (75.70 to 76.70): VL0

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

Lab File: VL035328.D

Acq: 4 Aug 2020 00:50

Instrument :

MSVOA_L

ClientSampleId :

LAGCARB-IN-01DLDP

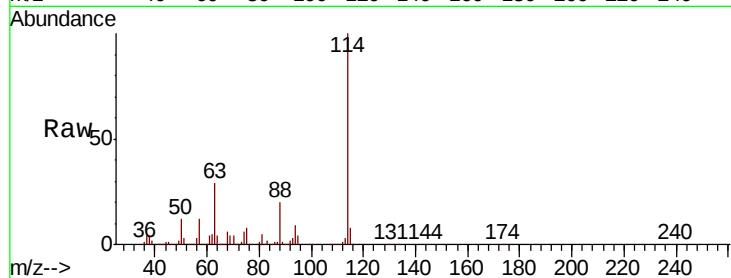
Tot Ion:114 Resp: 2992012

Ion Ratio Lower Upper

114 100

63 27.9 21.5 32.3

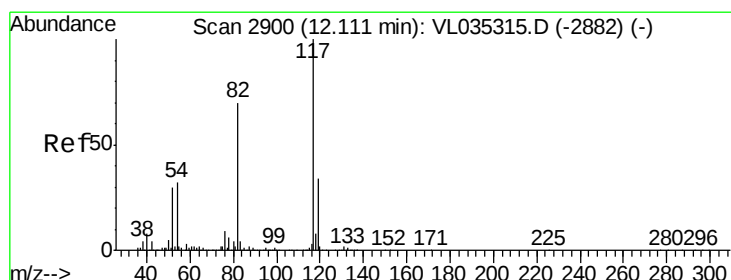
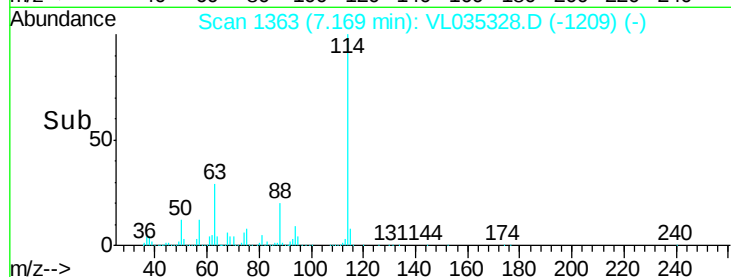
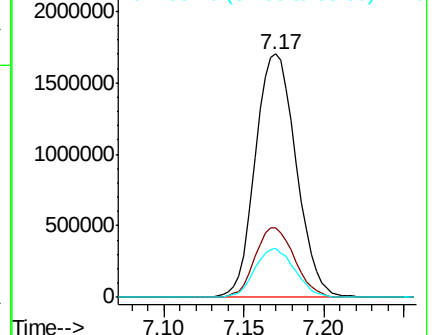
88 19.8 15.3 22.9



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: VL035328.D

Acq: 4 Aug 2020 00:50

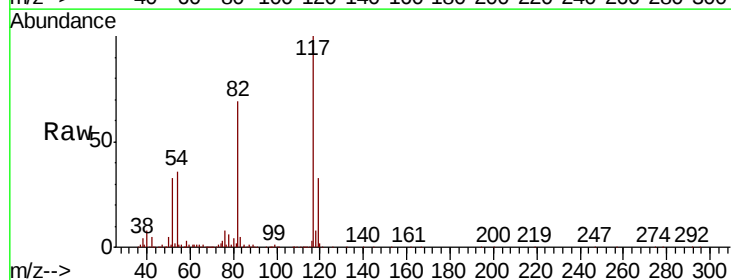
Tgt Ion:117 Resp: 2947763

Ion Ratio Lower Upper

117 100

82 68.8 50.6 76.0

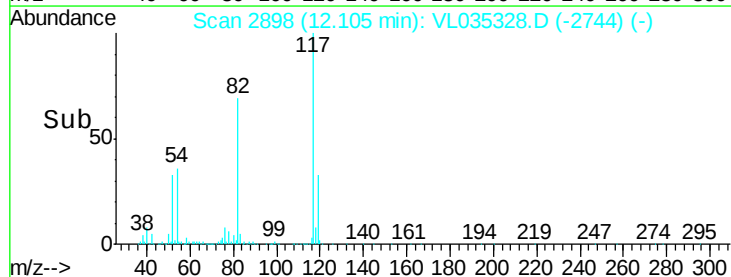
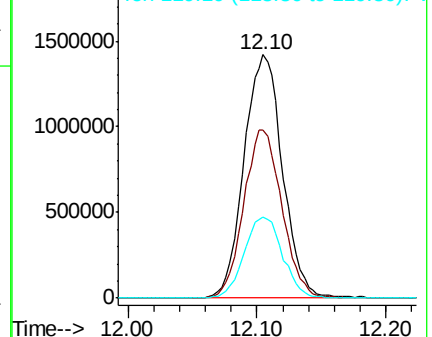
119 33.5 24.1 36.1

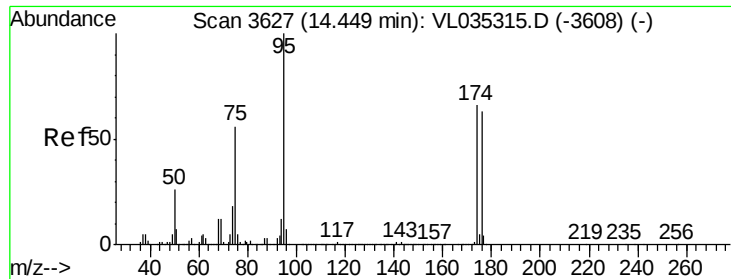


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.983 ppbv

RT: 14.44 min Scan# 3625

Delta R.T. -0.01 min

Lab File: VL035328.D

Acq: 4 Aug 2020 00:50

Instrument :

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LAGCARB-IN-01DLDP

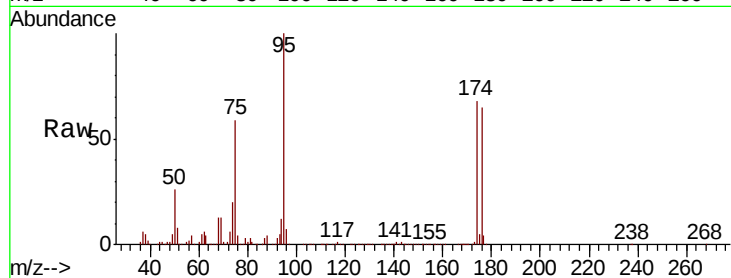
Tot Ion: 95 Resp: 2464990

Ion Ratio Lower Upper

95 100

174 66.5 52.5 78.7

175 4.9 3.9 5.9



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

