

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091720\
 Data File : VL035676.D
 Acq On : 18 Sep 2020 3:41
 Operator : SY/AP
 Sample : L4016-01DL 800X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-13DL

Quant Time: Sep 18 13:48:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep 14 15:19:50 2020
 QLast Update : Mon Sep 14 15:19:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1052076	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4089100	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	4058413	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2955540	10.25	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.50%

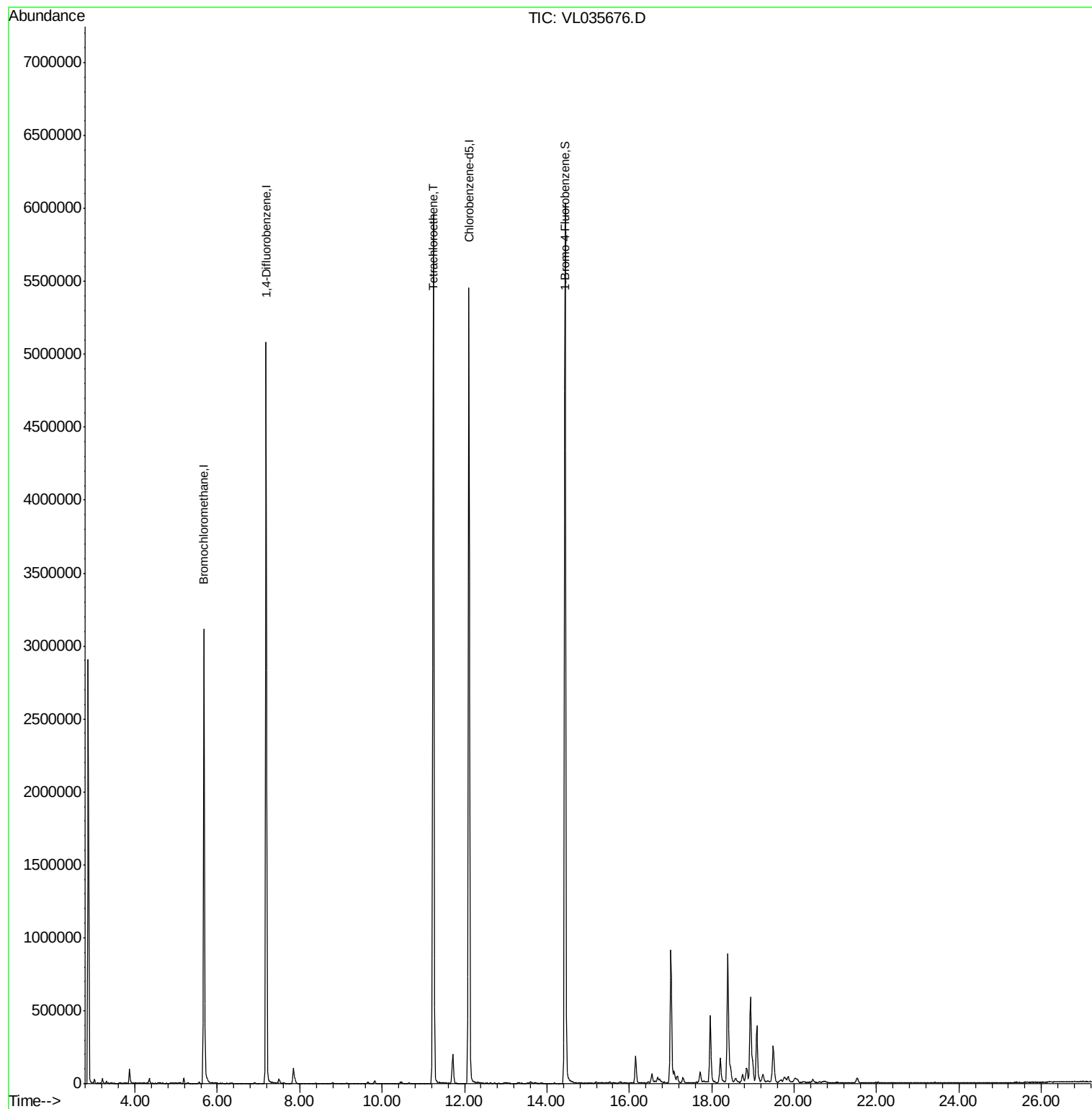
Target Compounds					Ovalue
52) Tetrachloroethene	11.25	164	1676588	10.842	ppbv 97

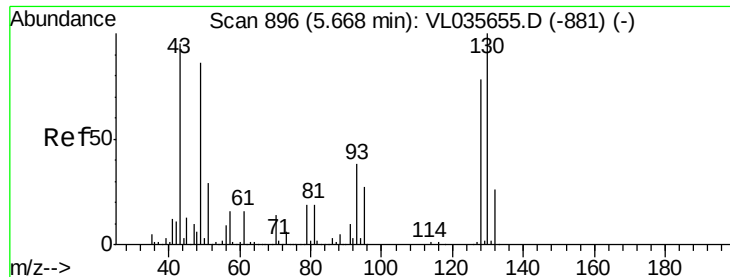
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 14 15:19:50 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. 0.01 min

Lab File: VL035676.D

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Instrument :

MSVOA_L

ClientSampleId :

SV-13DL

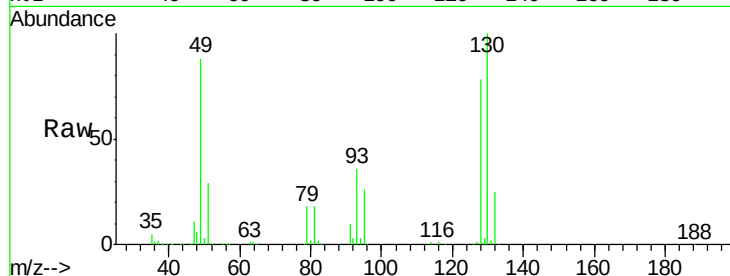
Tot Ion: 49 Resp: 1052076

Ion Ratio Lower Upper

49 100

128 88.8 50.0 150.1

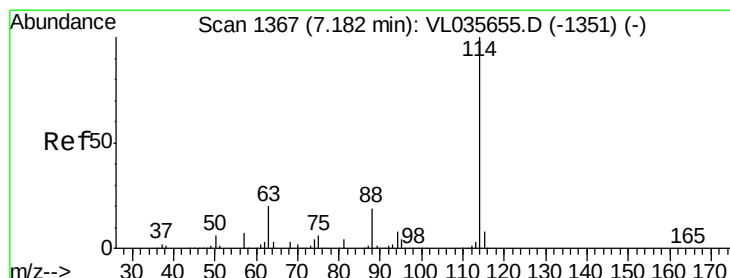
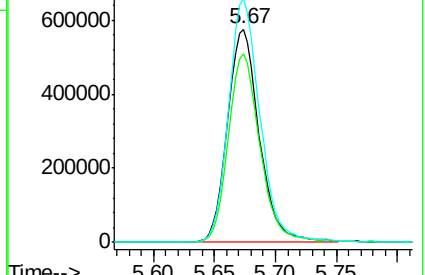
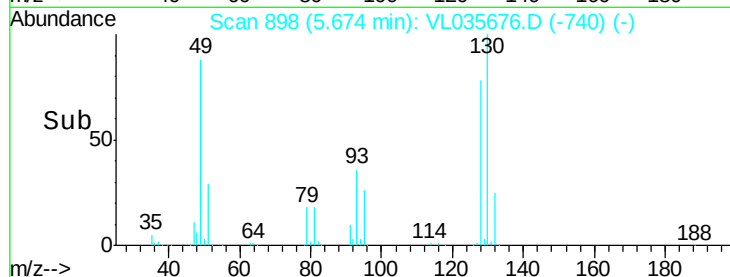
130 113.5 64.4 193.2



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



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1368

Delta R.T. 0.01 min

Lab File: VL035676.D

Acq: 18 Sep 2020 3:41

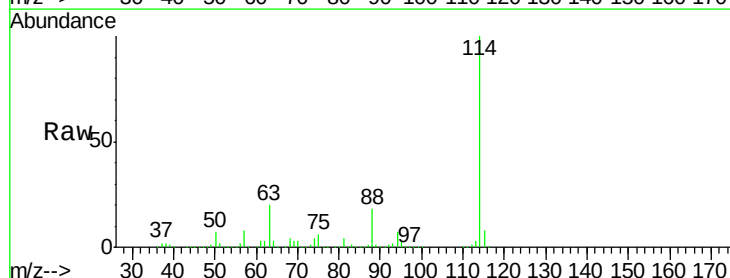
Tgt Ion:114 Resp: 4089100

Ion Ratio Lower Upper

114 100

63 19.1 14.7 22.1

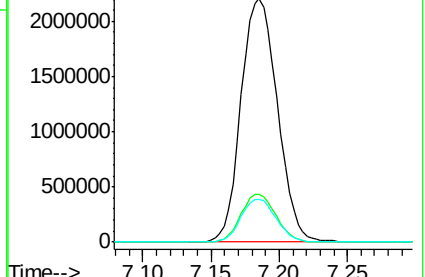
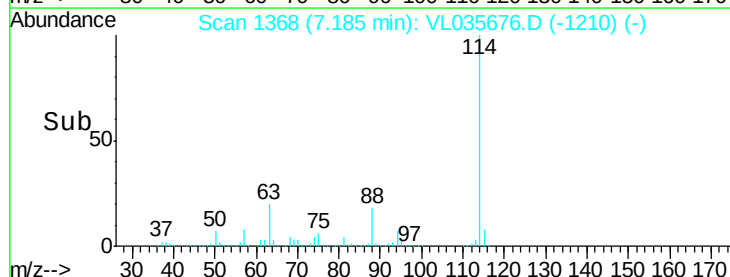
88 17.2 13.4 20.2

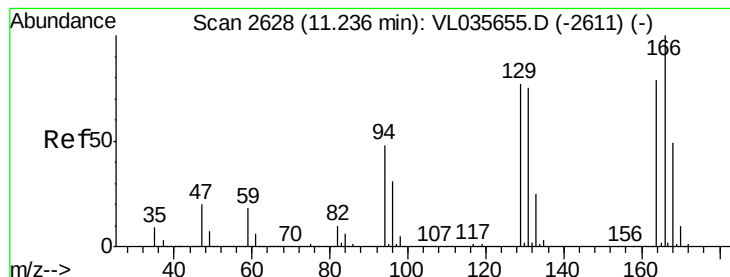


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





#52

Tetrachloroethene

Concen: 10.842 ppbv

RT: 11.25 min Scan# 2631

Delta R.T. 0.02 min

Lab File: VL035676.D

Acq: 18 Sep 2020 3:41

Instrument :

MSVOA_L

ClientSampled :

SV-13DL

Tot Ion:164 Resp: 1676588

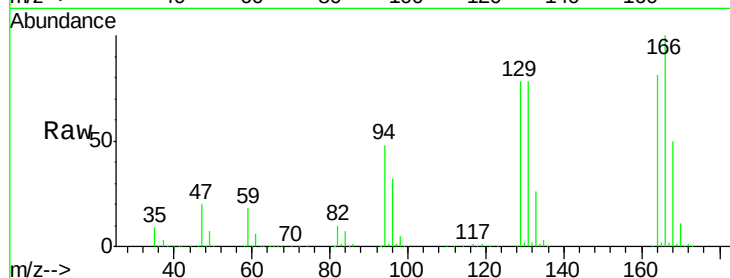
Ion Ratio Lower Upper

164 100

166 123.4 100.9 151.3

129 95.9 75.3 112.9

131 95.8 73.0 109.4

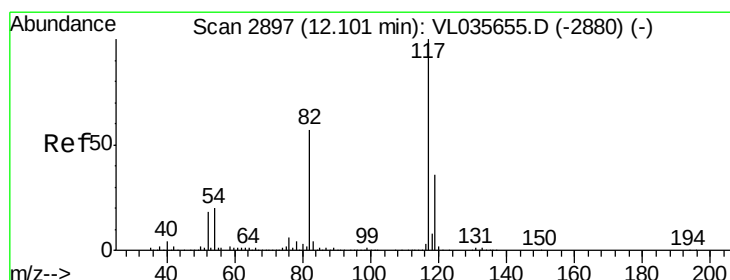
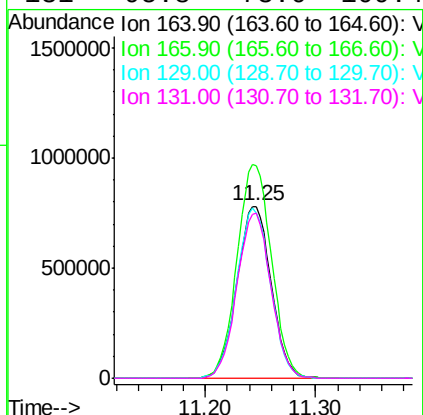
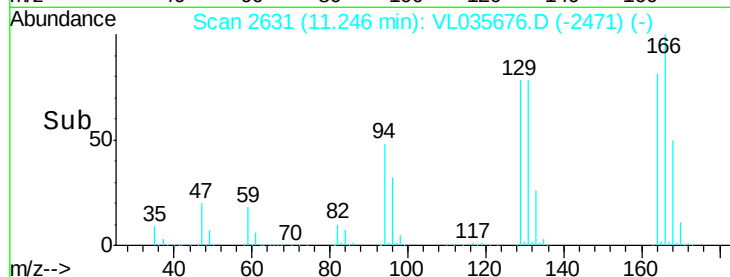


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.11 min Scan# 2899

Delta R.T. 0.01 min

Lab File: VL035676.D

Acq: 18 Sep 2020 3:41

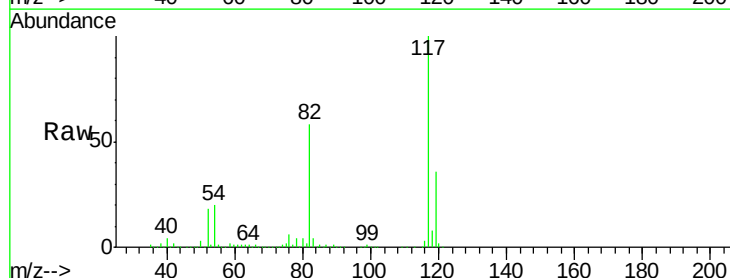
Tgt Ion:117 Resp: 4058413

Ion Ratio Lower Upper

117 100

82 57.0 41.6 62.4

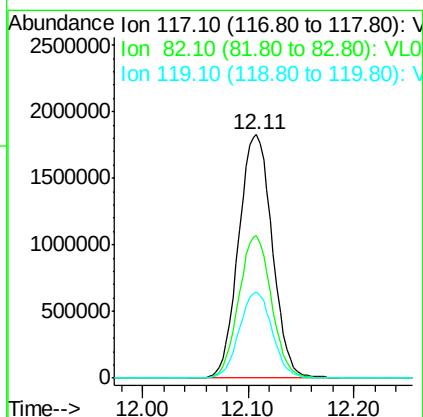
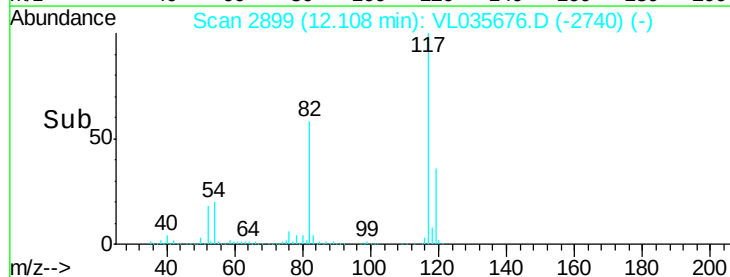
119 34.7 29.3 43.9

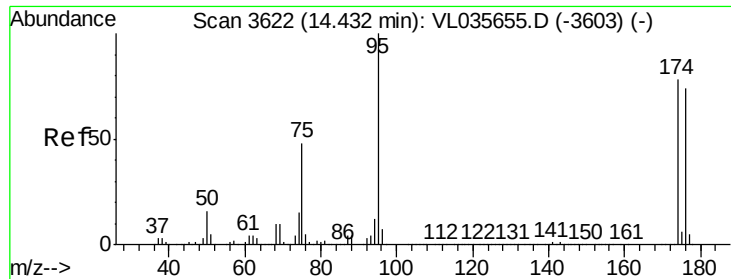


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.255 ppbv

RT: 14.44 min Scan# 3624

Delta R.T. 0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

SV-13DL

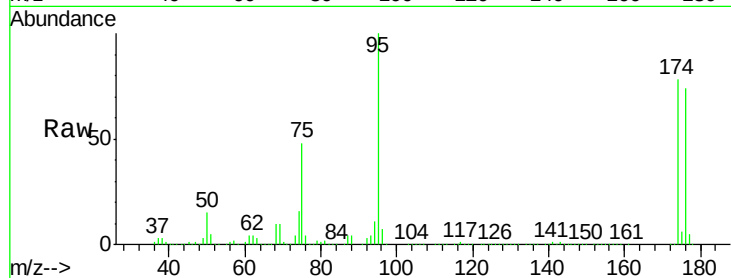
Tot Ion: 95 Resp: 2955540

Ion Ratio Lower Upper

95 100

174 78.6 69.6 104.4

175 5.7 5.1 7.7



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

