

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021920\
 Data File : VL034660.D
 Acq On : 20 Feb 2020 00:59
 Operator : SY/AP
 Sample : L1532-10DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 DC-SSDL

Quant Time: Feb 20 08:21:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL013020AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 30 17:16:44 2020
 QLast Update : Thu Jan 30 17:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	689866	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	1452199	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.10	117	1497542	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1267421	10.01	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.10%

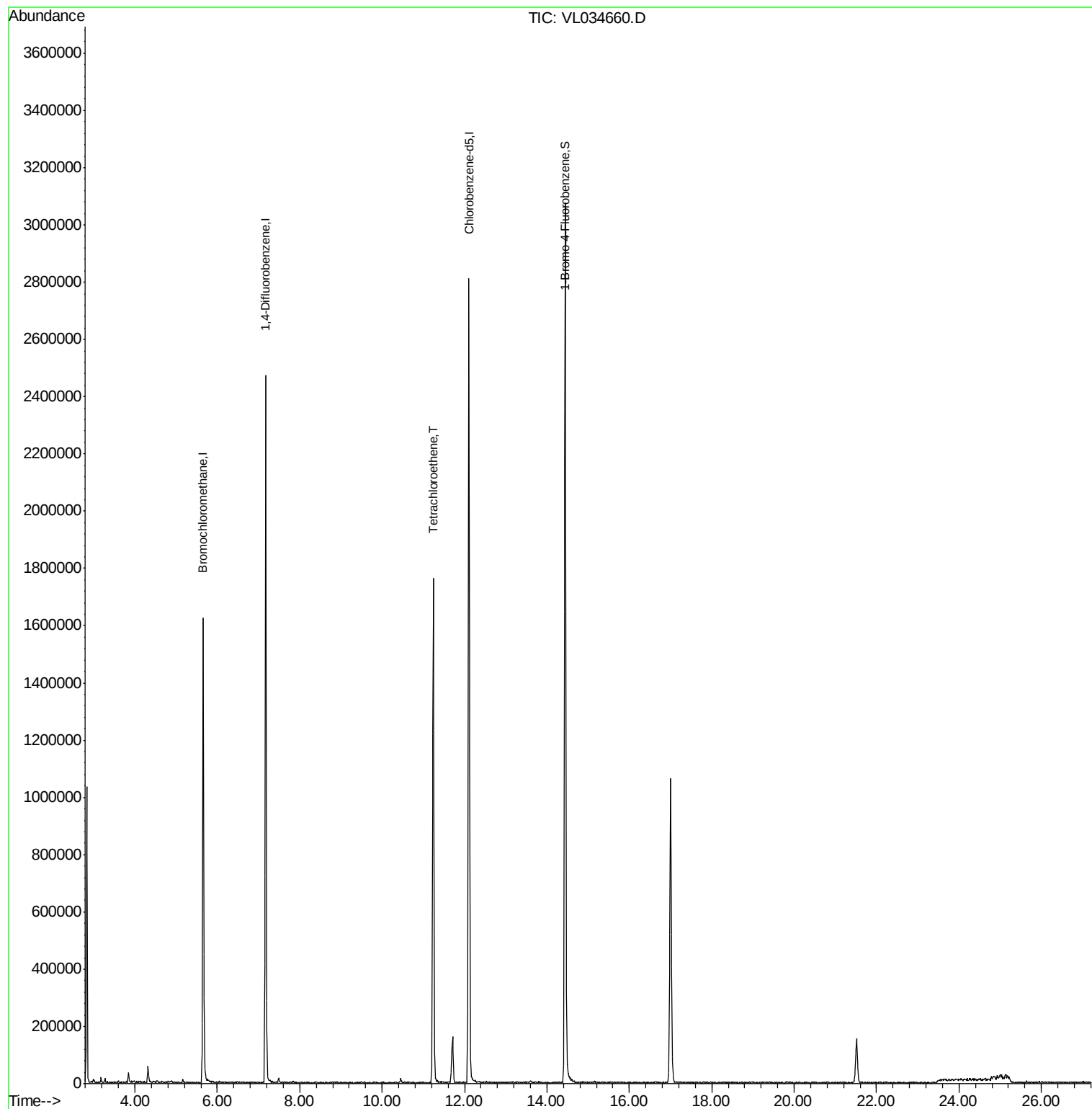
Target Compounds					Ovalue
52) Tetrachloroethene	11.24	164	360447	6.948 ppbv	98

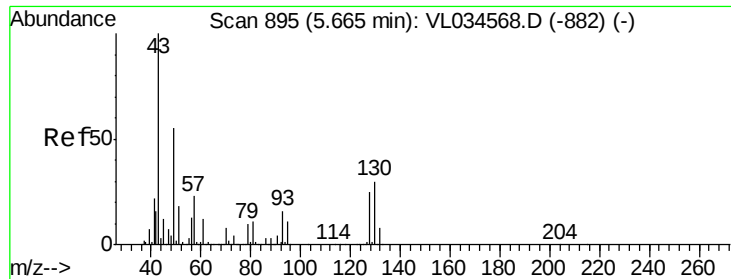
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.01 min

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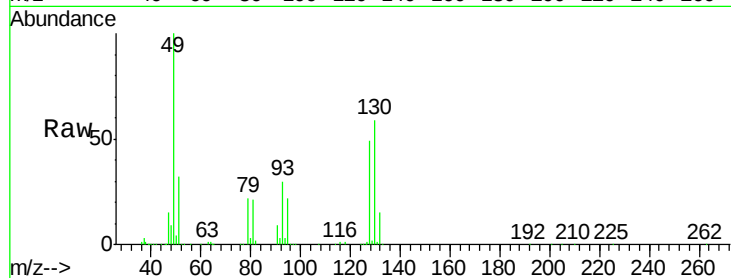
Tot Ion: 49 Resp: 689866

Ion Ratio Lower Upper

49 100

128 48.1 22.7 68.1

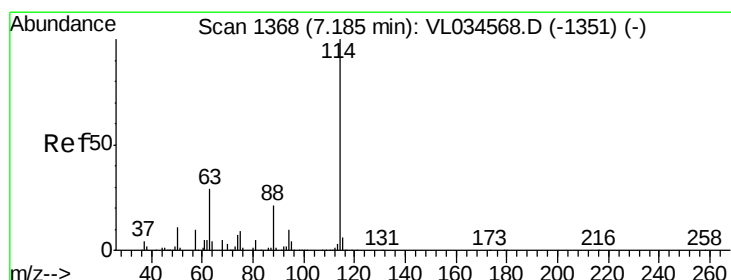
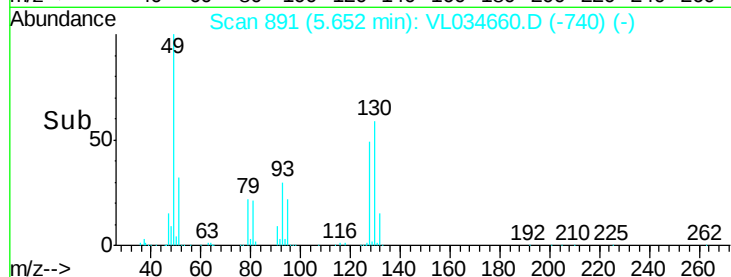
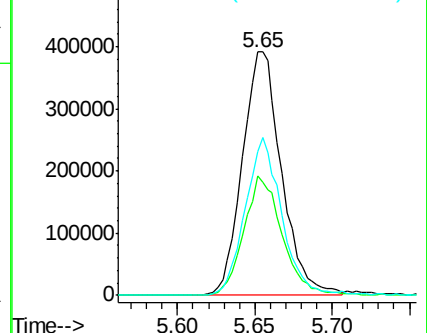
130 60.9 28.6 85.8



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: 7.17 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VL034660.D

Acq: 20 Feb 2020 00:59

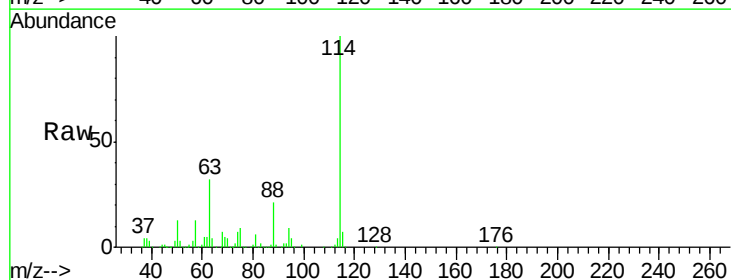
Tgt Ion: 114 Resp: 1452199

Ion Ratio Lower Upper

114 100

63 29.7 24.1 36.1

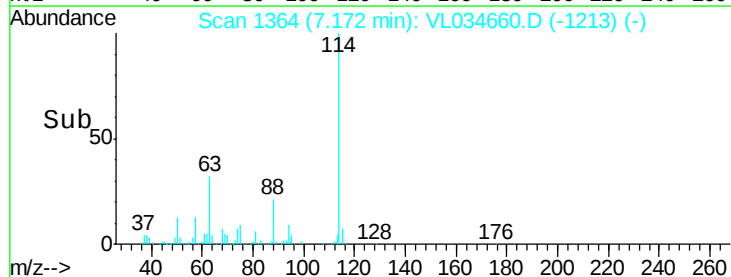
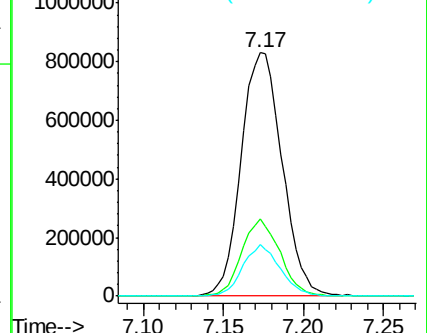
88 19.3 15.9 23.9

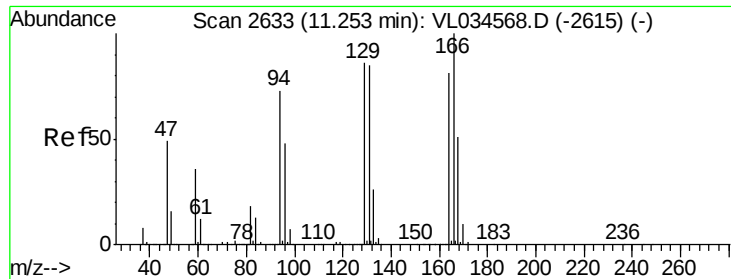


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

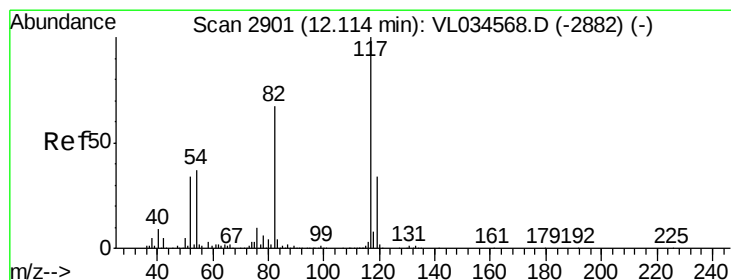
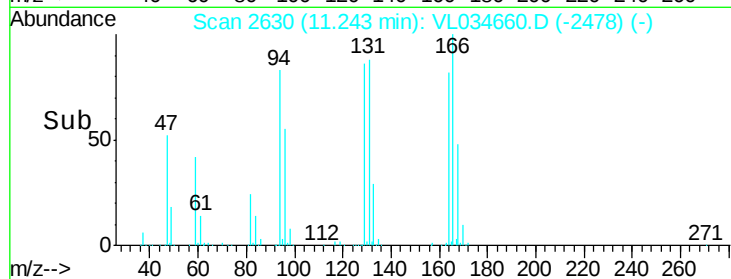
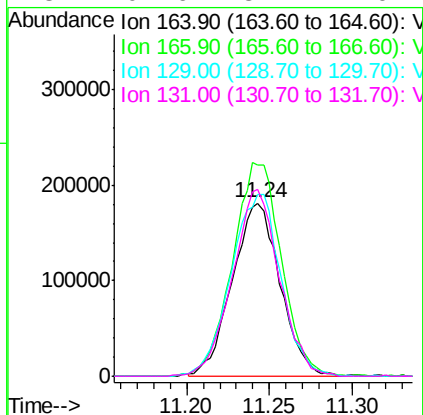
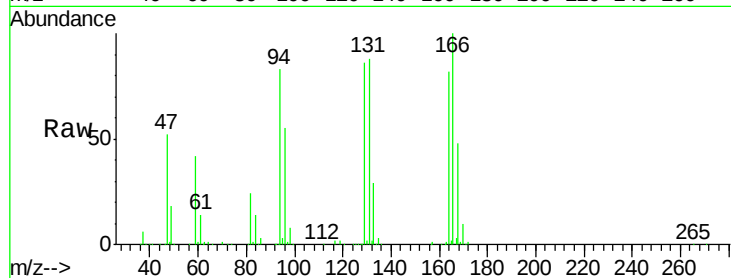




#52
Tetrachloroethene
Concen: 6.948 ppbv
RT: 11.24 min Scan# 2630
Delta R.T. -0.01 min
Lab File: VL034660.D
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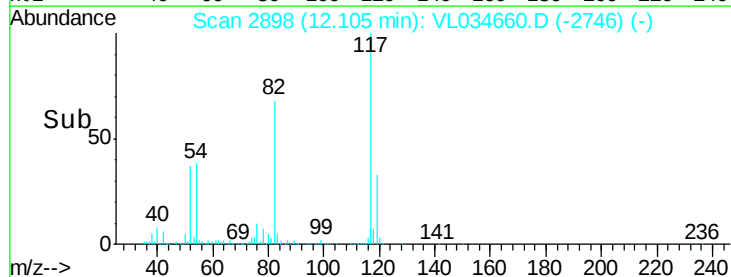
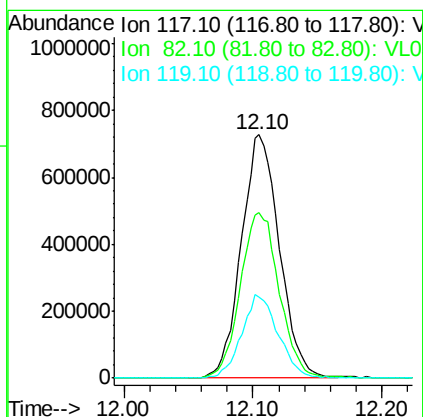
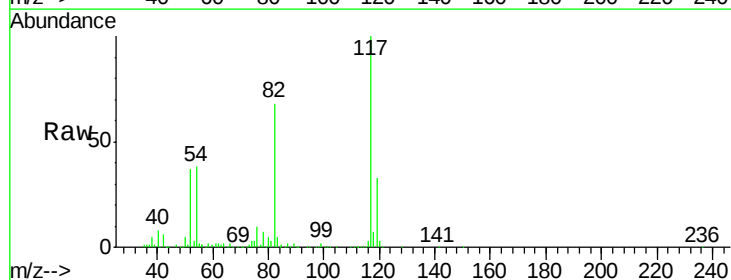
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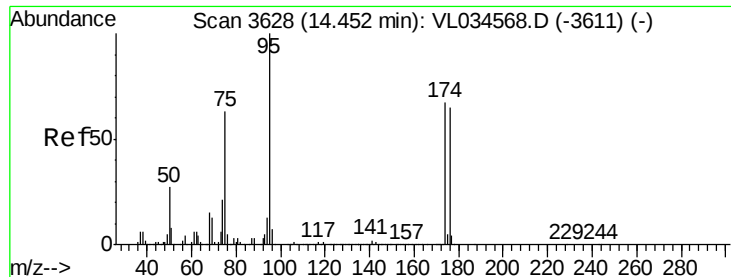
Tot Ion:164 Resp: 360447
Ion Ratio Lower Upper
164 100
166 121.4 99.0 148.4
129 104.1 85.3 127.9
131 107.6 84.2 126.2



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL034660.D
Acq: 20 Feb 2020 00:59

Tgt Ion:117 Resp: 1497542
Ion Ratio Lower Upper
117 100
82 69.5 54.2 81.4
119 32.9 26.1 39.1





#68

1-Bromo-4-Fluorobenzene

Concen: 10.014 ppbv

RT: 14.44 min Scan# 3625

Delta R.T. -0.01 min

Lab File: VL034660.D

Acq: 20 Feb 2020 00:59

Instrument :

MSVOA_L

ClientSampleId :

DC-SSDL

Tot Ion: 95 Resp: 1267421

Ion Ratio Lower Upper

95 100

174 63.1 52.3 78.5

175 4.3 3.8 5.6

