

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021820\
 Data File : VL034638.D
 Acq On : 19 Feb 2020 00:17
 Operator : SY/AP
 Sample : L1532-10DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 DC-SSDL

Quant Time: Feb 21 09:37:02 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	5.66	49	805901	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	1682563	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	1731243	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1472494	10.06	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.60%

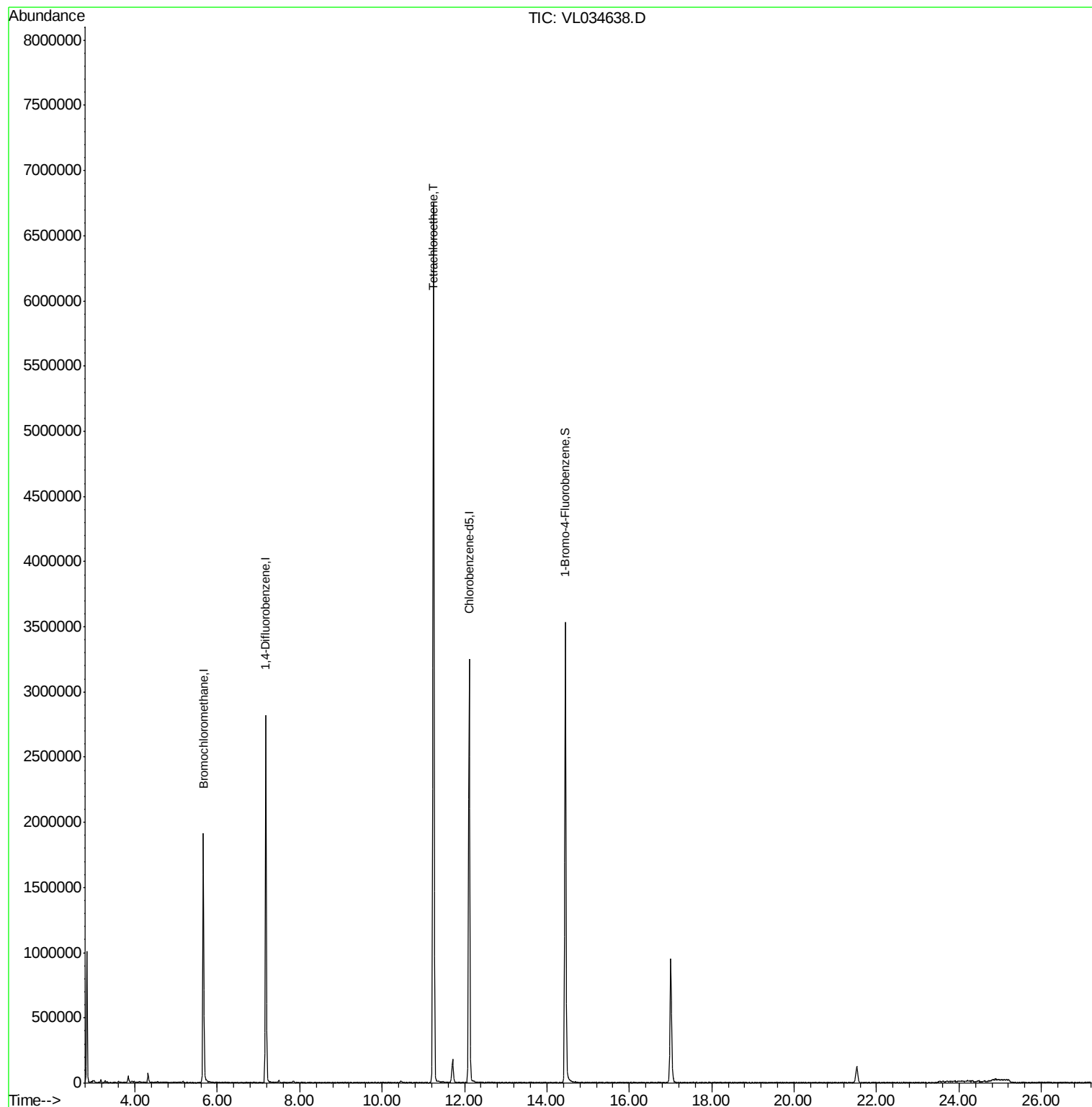
Target Compounds					Ovalue
52) Tetrachloroethene	11.25	164	1456004	24.223	ppbv 98

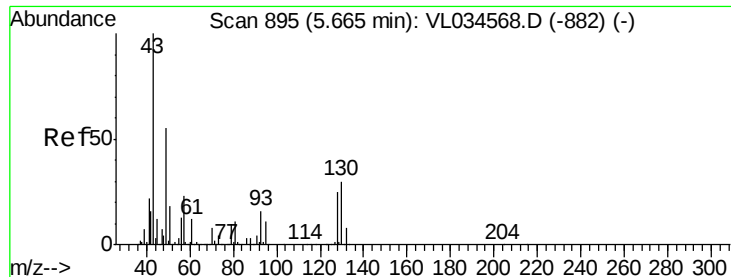
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.01 min

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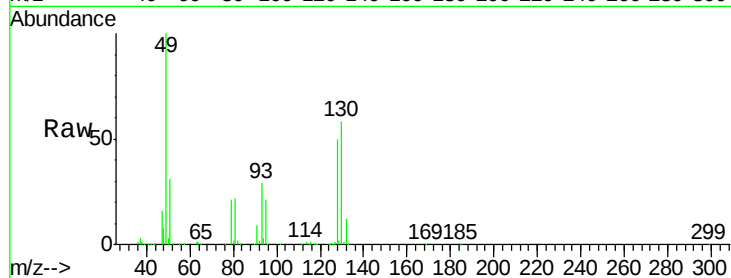
Tot Ion: 49 Resp: 805901

Ion Ratio Lower Upper

49 100

128 46.6 22.7 68.1

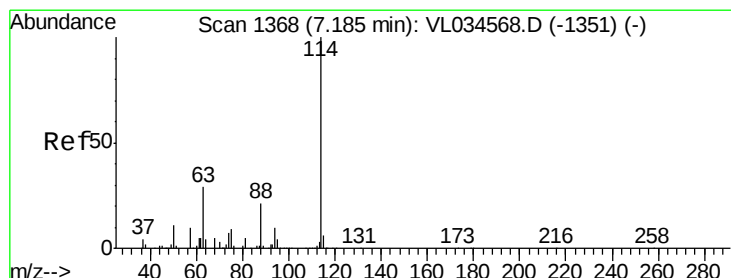
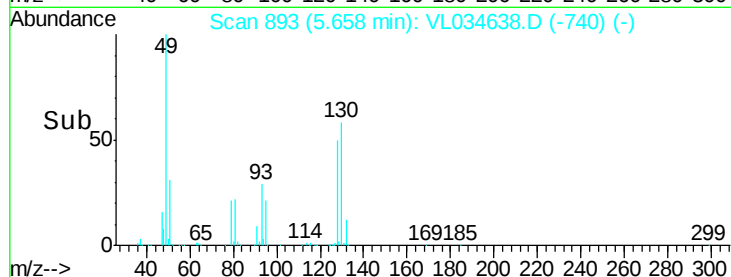
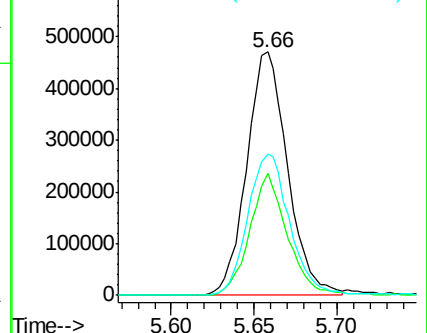
130 60.7 28.6 85.8



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: 7.18 min Scan# 1365

Delta R.T. -0.01 min

Lab File: VL034638.D

Acq: 19 Feb 2020 00:17

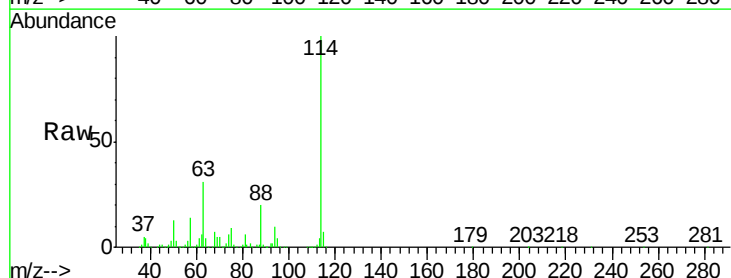
Tgt Ion: 114 Resp: 1682563

Ion Ratio Lower Upper

114 100

63 30.1 24.1 36.1

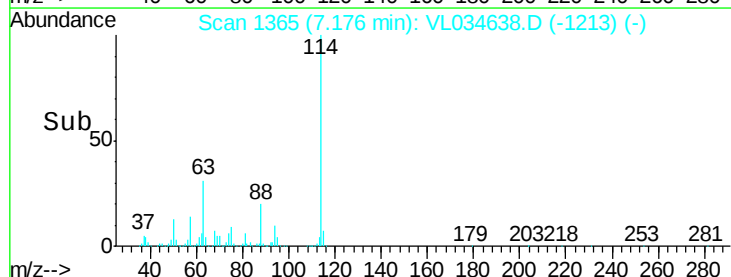
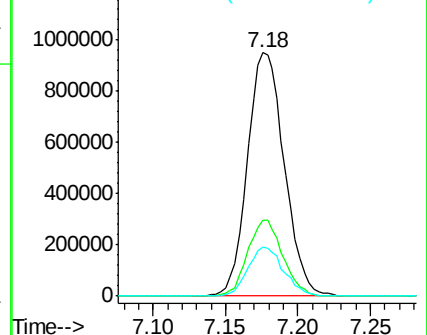
88 19.5 15.9 23.9

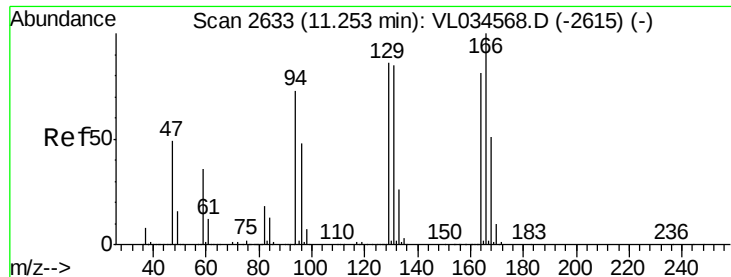


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

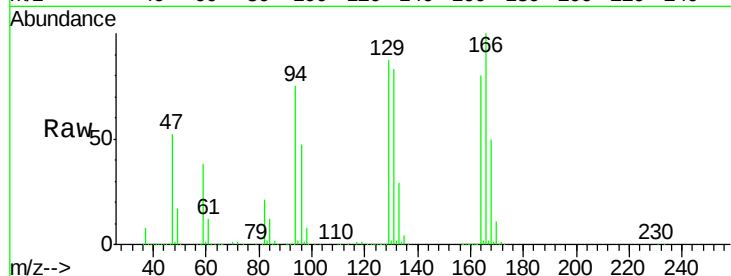




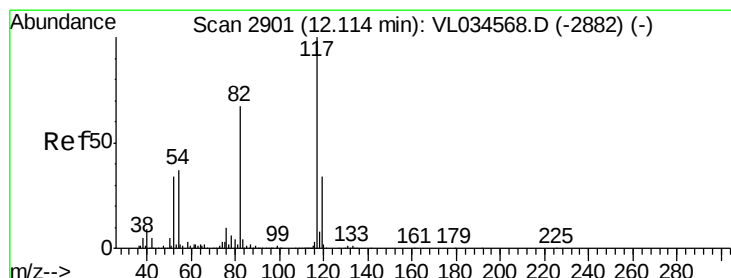
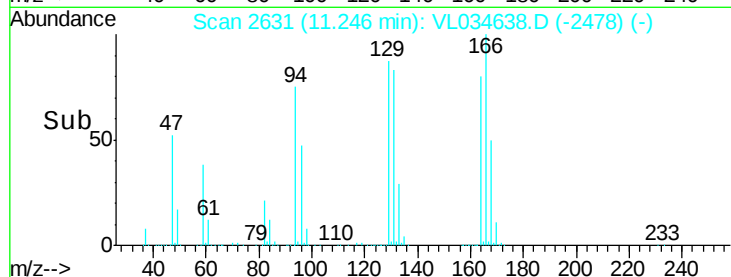
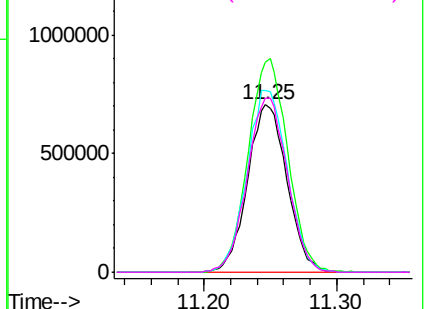
#52
Tetrachloroethene
Concen: 24.223 ppbv
RT: 11.25 min Scan# 2631
Delta R.T. -0.01 min
Lab File: VL034638.D
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Tot Ion:164 Resp: 1456004
Ion Ratio Lower Upper
164 100
166 125.4 99.0 148.4
129 109.1 85.3 127.9
131 103.9 84.2 126.2

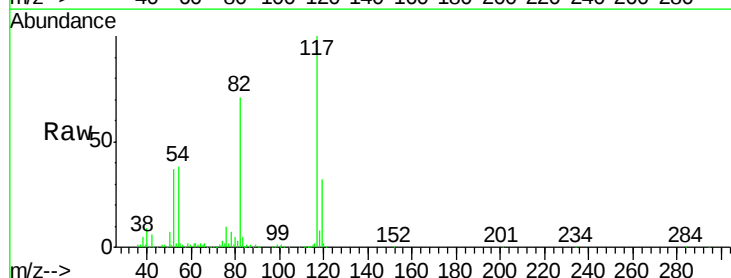


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V

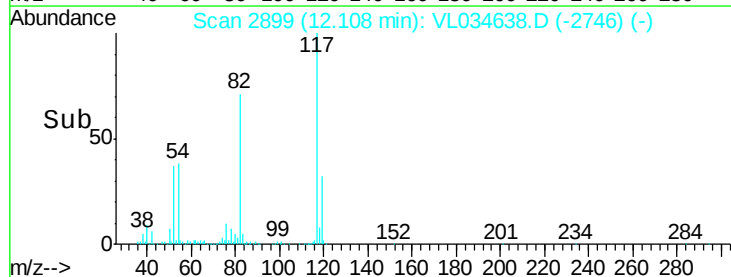
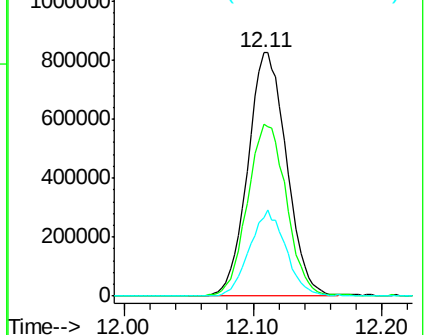


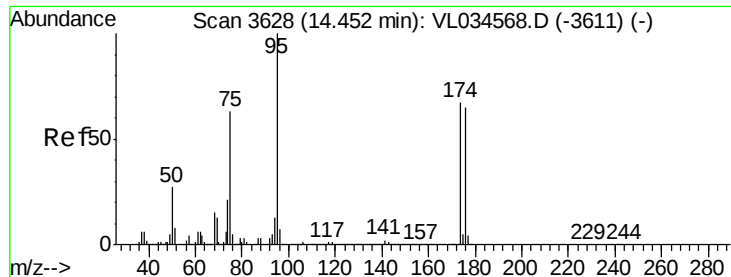
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.01 min
Lab File: VL034638.D
Acq: 19 Feb 2020 00:17

Tgt Ion:117 Resp: 1731243
Ion Ratio Lower Upper
117 100
82 71.3 54.2 81.4
119 33.2 26.1 39.1



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: 10.064 ppbv

RT: 14.45 min Scan# 3626

Delta R.T. -0.01 min

Lab File: VL034638.D

Acq: 19 Feb 2020 00:17

Instrument :

MSVOA_L

ClientSampleId :

DC-SSDL

Tot Ion: 95 Resp: 1472494

Ion Ratio Lower Upper

95 100

174 63.9 52.3 78.5

175 4.4 3.8 5.6

