

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092120\
Quantitation Report (Not Reviewed)

Data File : VL035701.D
Acq On : 22 Sep 2020 7:33
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Sep 22 09:08:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Sep 22 01:39:30 2020
QLast Update : Tue Sep 22 01:39:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1041942	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3949869	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.08	117	3836753	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2829337	10.38	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.80%

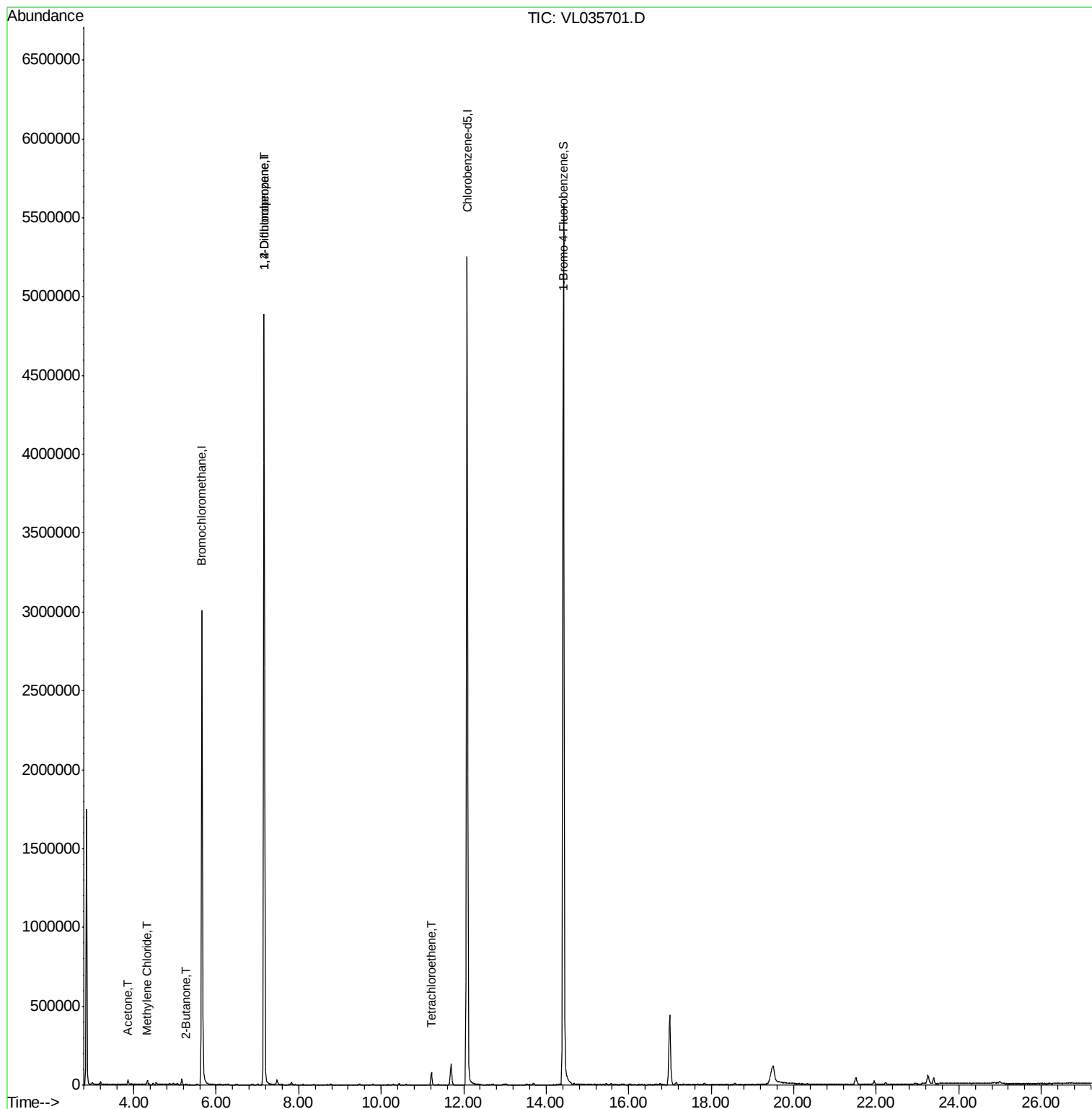
Target Compounds						Qvalue
15) Acetone	3.86	43	19577	0.170	ppbv #	31
20) Methylene Chloride	4.33	84	11659	0.136	ppbv #	90
34) 2-Butanone	5.26	43	4993	0.043	ppbv	95
39) 1,2-Dichloropropane	7.16	63	767484	8.886	ppbv #	33
52) Tetrachloroethene	11.22	164	22436	0.150	ppbv	93

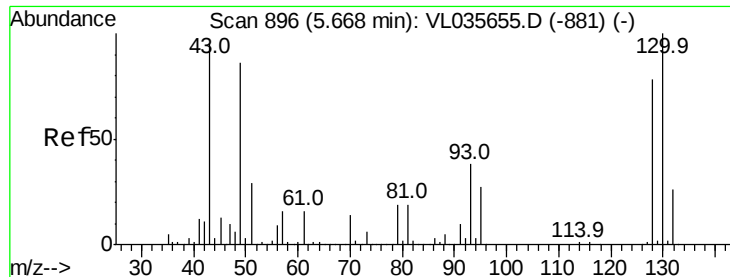
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Sep 22 01:39:30 2020
QLast Update : Tue Sep 22 01:39:30 2020
Response via : Initial Calibration

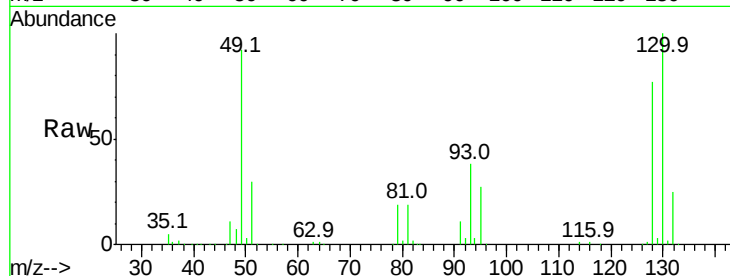




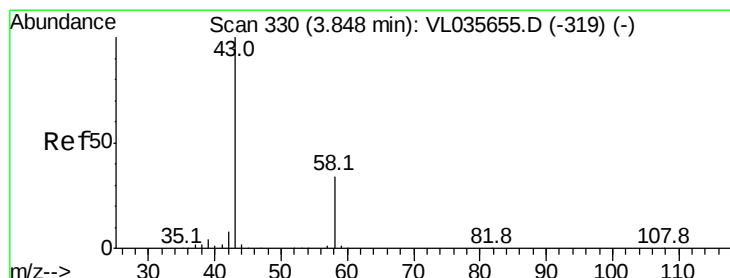
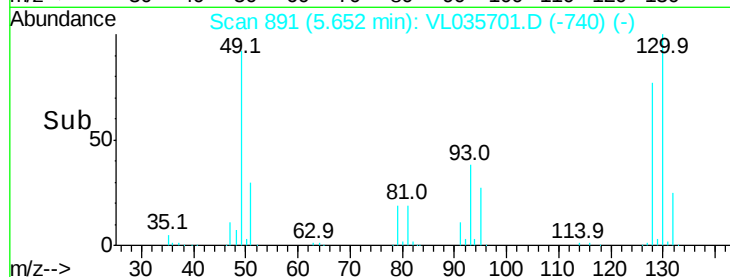
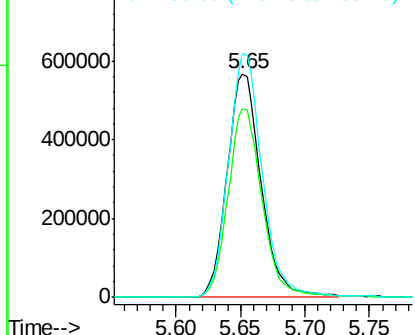
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 891
 Delta R.T. -0.02 min
 Lab File: VL035701.D
 Acq: 22 Sep 2020 7:33

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tgt Ion: 49 Resp: 1041942
 Ion Ratio Lower Upper
 49 100
 128 84.8 50.0 150.1
 130 109.0 64.4 193.2

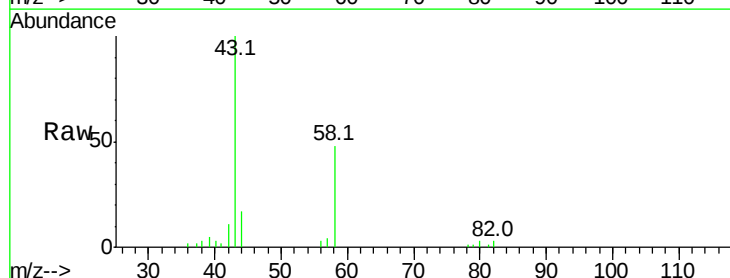


Abundance Ion 49.10 (48.80 to 49.80): VL0
 Ion 128.00 (127.70 to 128.70): V
 Ion 130.00 (129.70 to 130.70): V

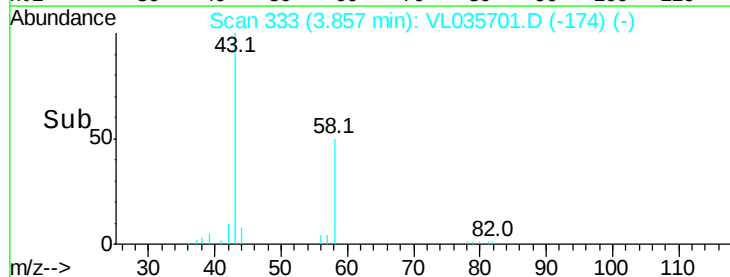
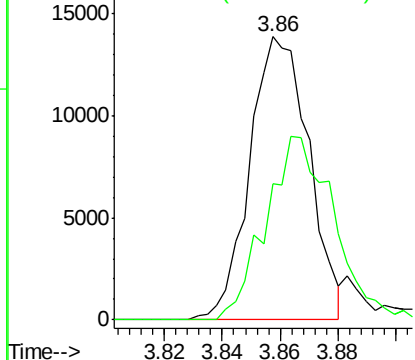


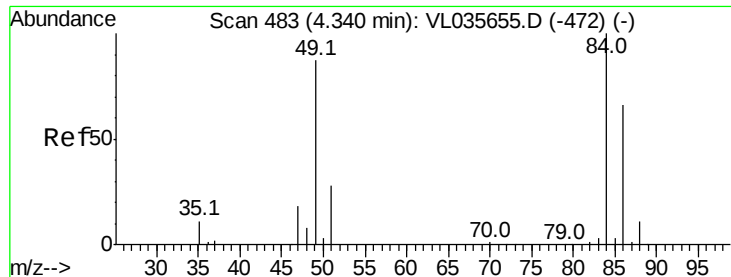
#15
 Acetone
 Concen: 0.170 ppbv
 RT: 3.86 min Scan# 333
 Delta R.T. 0.01 min
 Lab File: VL035701.D
 Acq: 22 Sep 2020 7:33

Tgt Ion: 43 Resp: 19577
 Ion Ratio Lower Upper
 43 100
 58 75.6 28.4 42.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 58.10 (57.80 to 58.80): VL0





#20

Methylene Chloride

Concen: 0.136 ppbv

RT: 4.33 min Scan# 479

Delta R.T. -0.01 min

Lab File: VL035701.D

Acq: 22 Sep 2020 7:33

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tgt Ion: 84 Resp: 11659

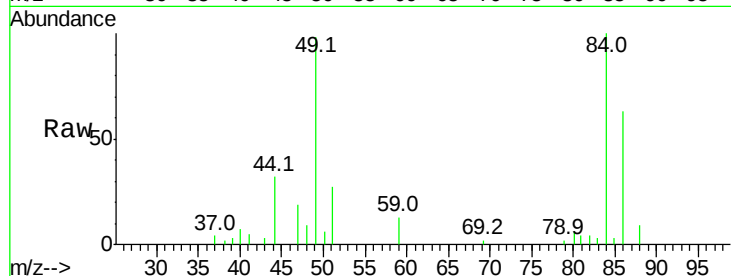
Ion Ratio Lower Upper

84 100

49 98.1 65.4 98.0#

51 26.5 21.5 32.3

86 62.6 52.9 79.3

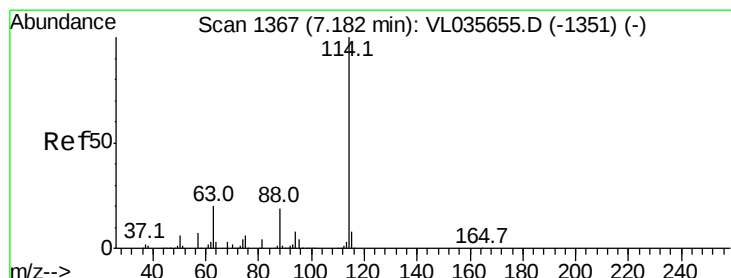
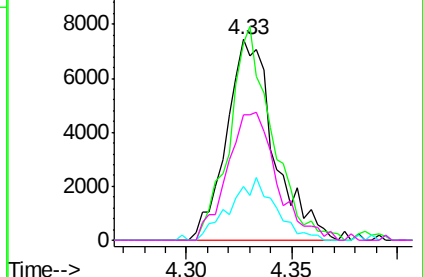
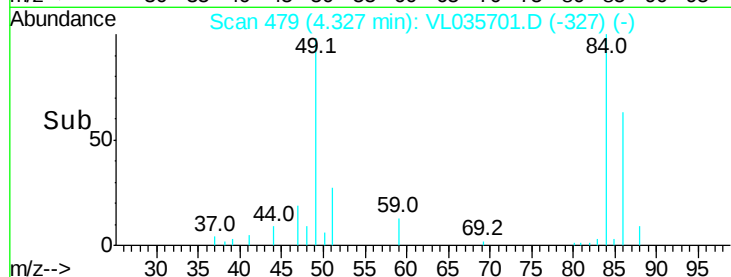


Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 min Scan# 1361

Delta R.T. -0.02 min

Lab File: VL035701.D

Acq: 22 Sep 2020 7:33

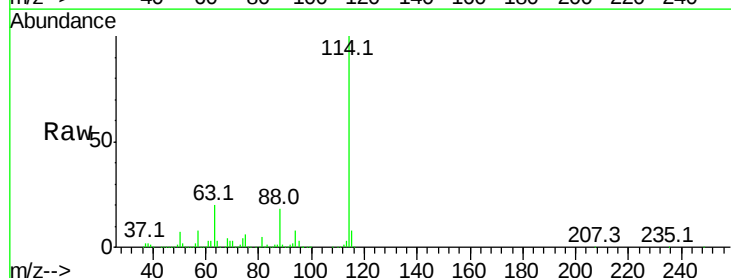
Tgt Ion: 114 Resp: 3949869

Ion Ratio Lower Upper

114 100

63 19.5 14.7 22.1

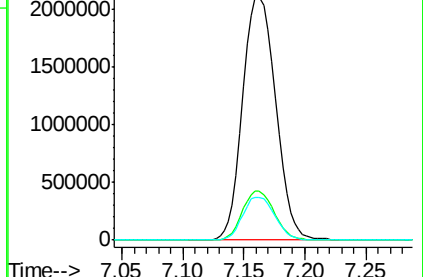
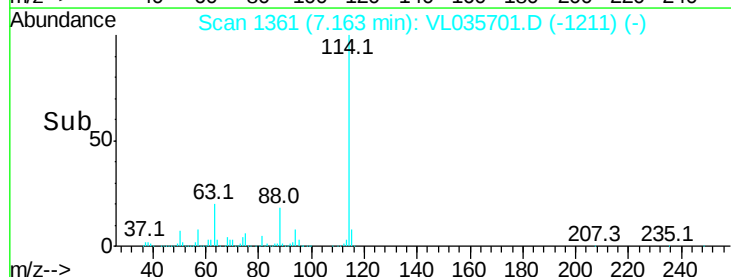
88 17.3 13.4 20.2

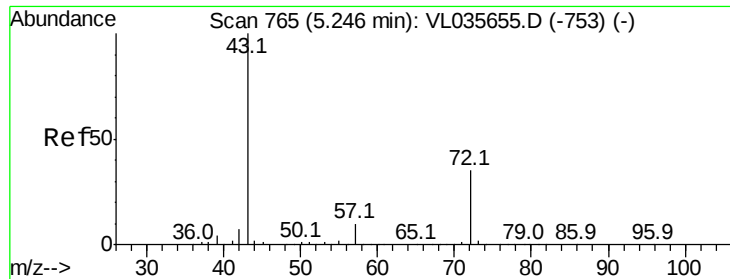


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

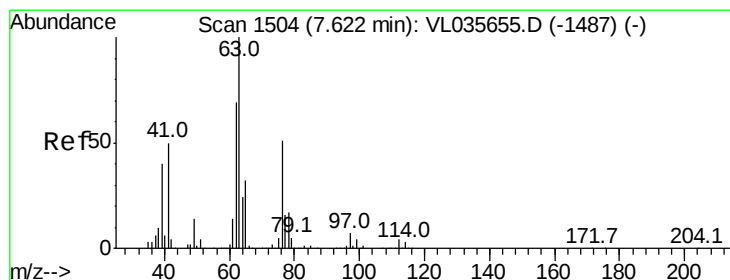
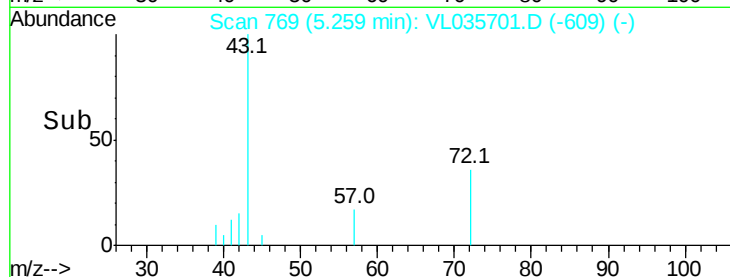
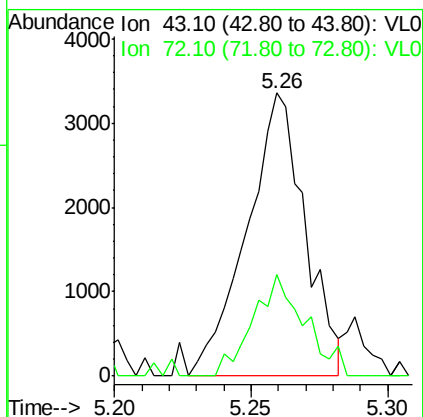
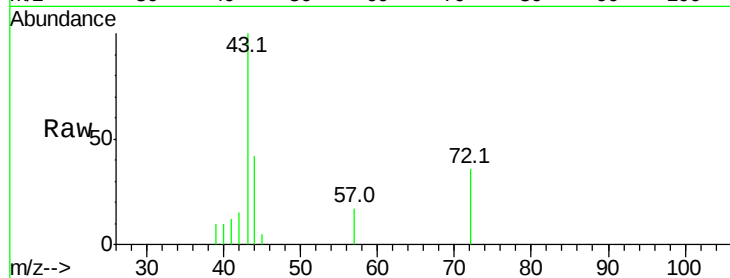




#34
2-Butanone
Concen: 0.043 ppbv
RT: 5.26 min Scan# 769
Delta R.T. 0.01 min
Lab File: VL035701.D
Acq: 22 Sep 2020 7:33

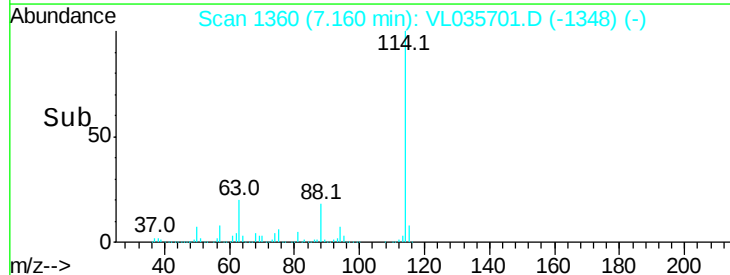
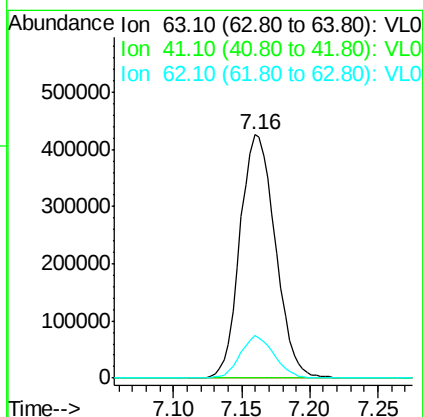
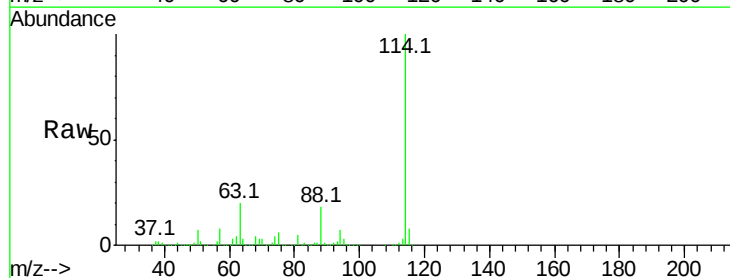
Instrument :
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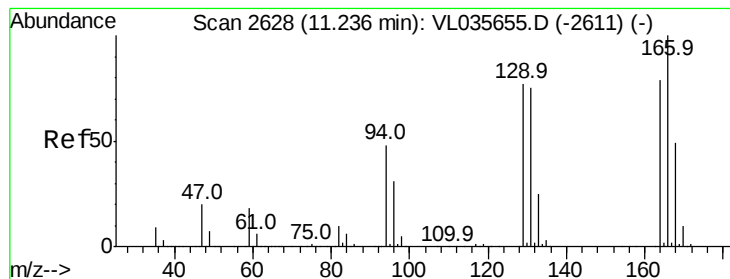
Tgt Ion: 43 Resp: 4993
Ion Ratio Lower Upper
43 100
72 31.6 27.7 41.5



#39
1,2-Dichloropropane
Concen: 8.886 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.46 min
Lab File: VL035701.D
Acq: 22 Sep 2020 7:33

Tgt Ion: 63 Resp: 767484
Ion Ratio Lower Upper
63 100
41 0.1 40.0 60.0#
62 17.3 55.4 83.0#





#52

Tetrachloroethene

Concen: 0.150 ppbv

RT: 11.22 min Scan# 2623

Delta R.T. -0.02 min

Lab File: VL035701.D

Acq: 22 Sep 2020 7:33

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tgt Ion:164 Resp: 22436

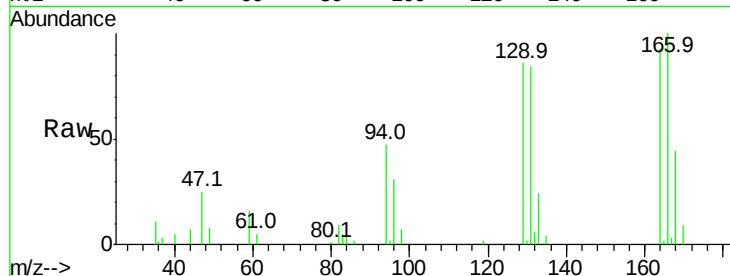
Ion Ratio Lower Upper

164 100

166 107.8 100.9 151.3

129 93.1 75.3 112.9

131 90.6 73.0 109.4

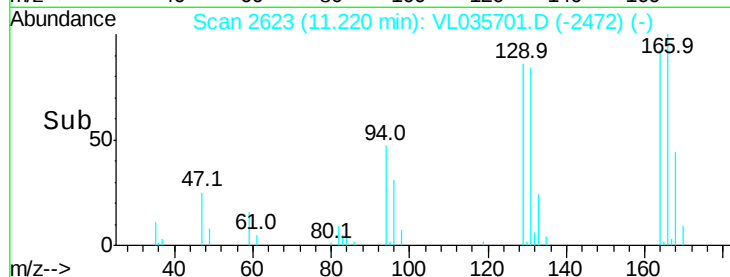


Abundance Ion 163.90 (163.60 to 164.60): V

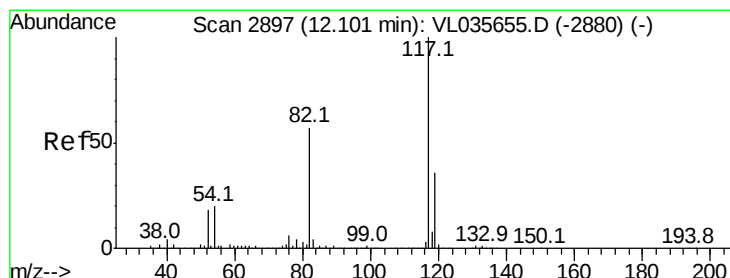
Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



Time-->



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.08 min Scan# 2891

Delta R.T. -0.02 min

Lab File: VL035701.D

Acq: 22 Sep 2020 7:33

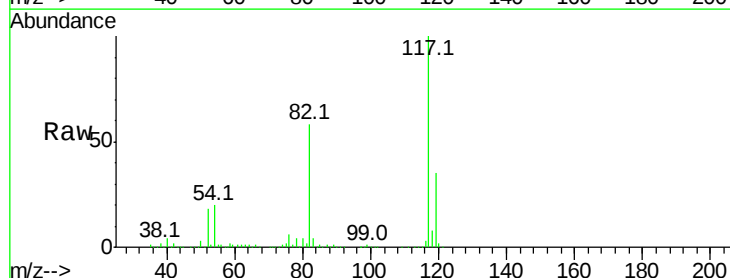
Tgt Ion:117 Resp: 3836753

Ion Ratio Lower Upper

117 100

82 57.7 41.6 62.4

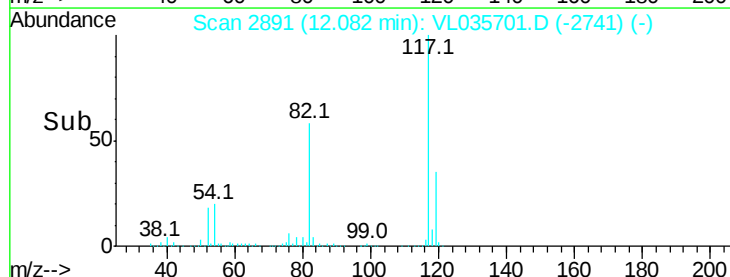
119 34.1 29.3 43.9



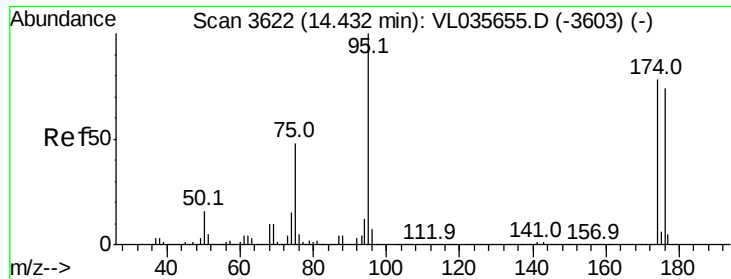
Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V



Time-->



#68

1-Bromo-4-Fluorobenzene

Concen: 10.384 ppbv

RT: 14.42 min Scan# 3617

Delta R.T. -0.02 min

Lab File: VL035701.D

Acq: 22 Sep 2020 7:33

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

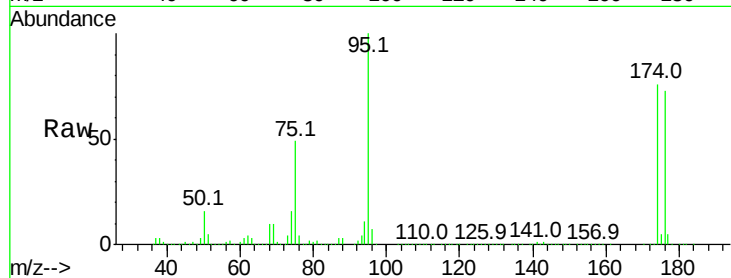
Tgt Ion: 95 Resp: 2829337

Ion Ratio Lower Upper

95 100

174 76.9 69.6 104.4

175 5.5 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

