

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091620\
Data File : VL035646.D
Acq On : 17 Sep 2020 2:57
Operator : SY/AP
Sample : L3983-03DL2 80X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV-9DL2

Quant Time: Sep 17 11:57:38 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	5.66	49	1164470	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4485472	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4523487	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3351635	10.43	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.30%

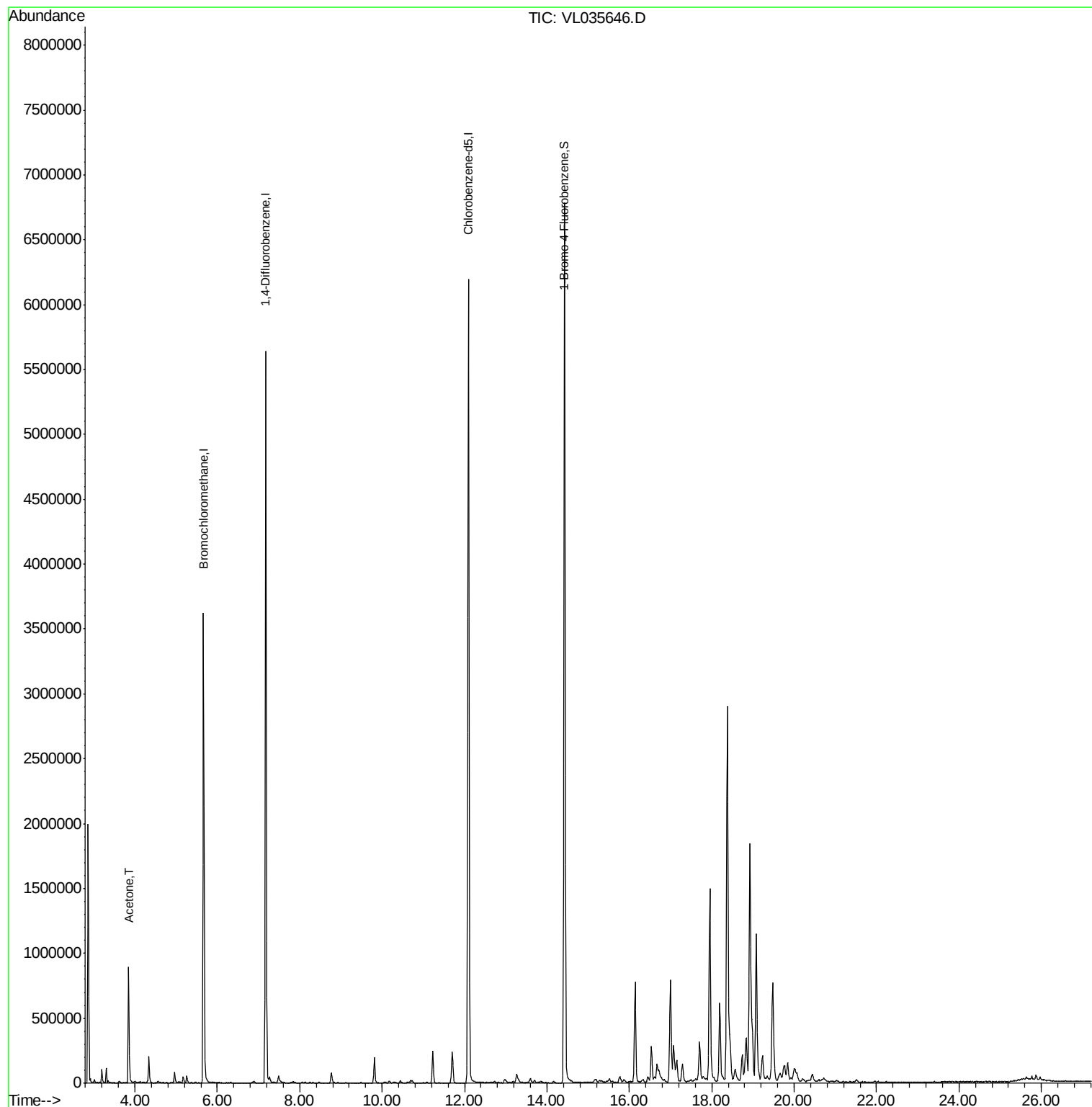
Target Compounds					Ovalue
15) Acetone	3.85	43	848985	6.610	ppbv 100

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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.00 min

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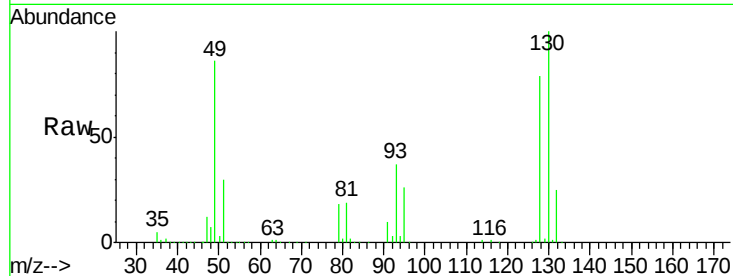
Tot Ion: 49 Resp: 1164470

Ion Ratio Lower Upper

49 100

128 88.7 50.0 150.1

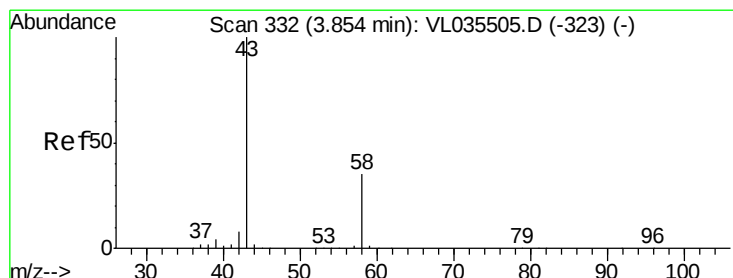
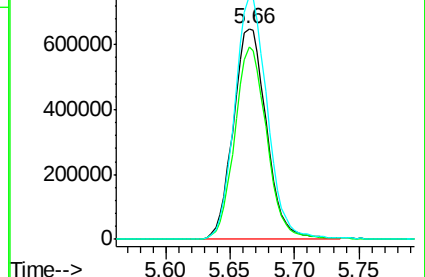
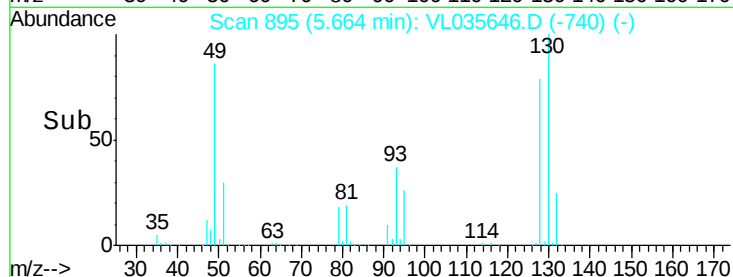
130 114.4 64.4 193.2



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



#15

Acetone

Concen: 6.610 ppbv

RT: 3.85 min Scan# 330

Delta R.T. 0.01 min

Lab File: VL035646.D

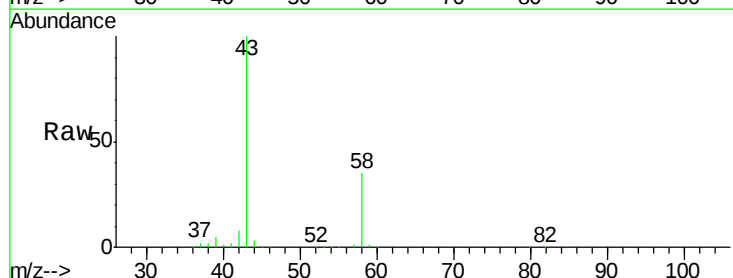
Acq: 17 Sep 2020 2:57

Tgt Ion: 43 Resp: 848985

Ion Ratio Lower Upper

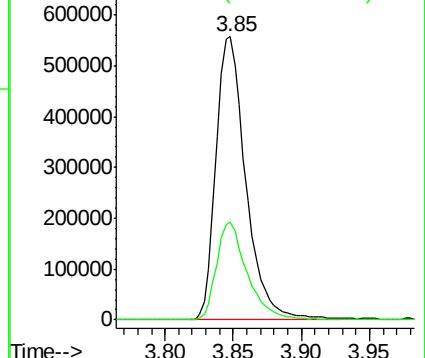
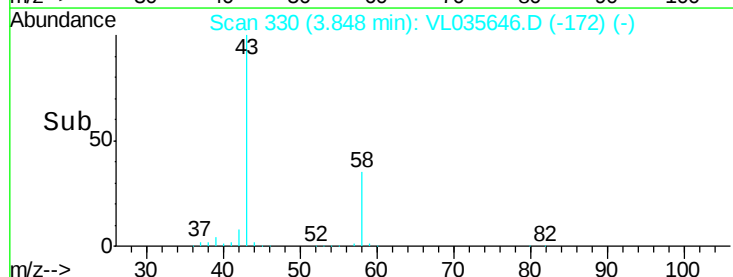
43 100

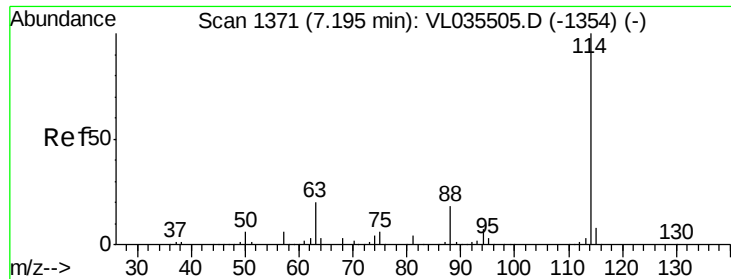
58 35.6 28.4 42.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

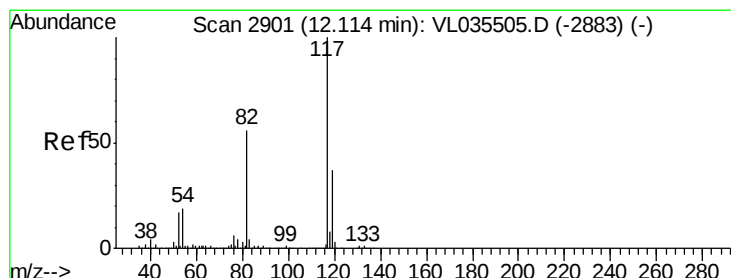
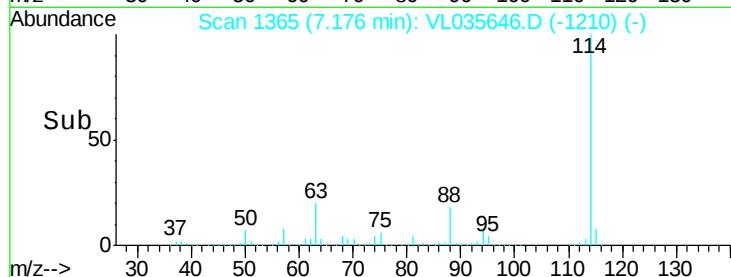
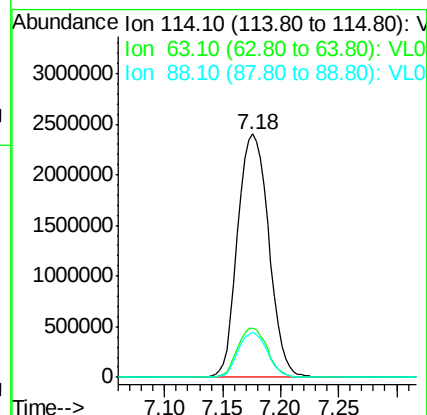
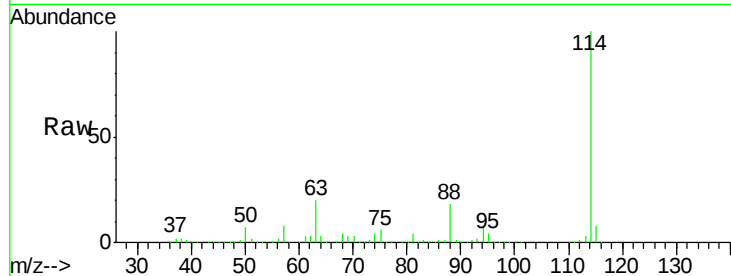




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VL035646.D
 Acq: 17 Sep 2020 2:57

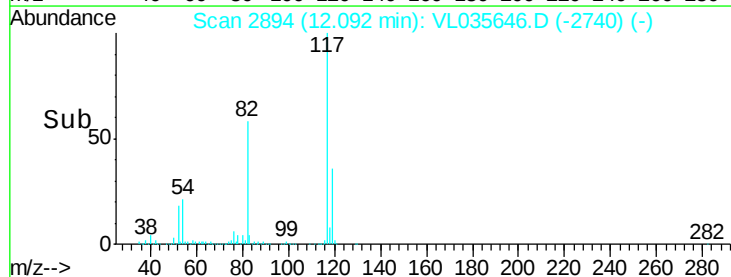
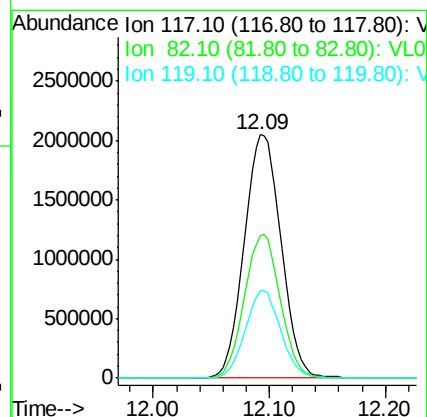
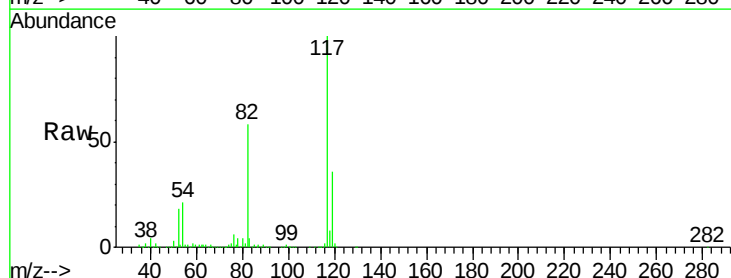
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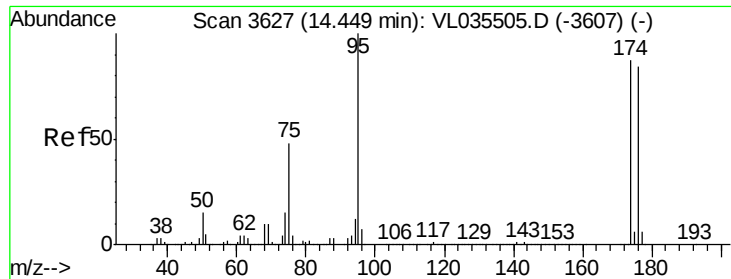
Tot Ion:114 Resp: 4485472
 Ion Ratio Lower Upper
 114 100
 63 19.6 14.7 22.1
 88 17.5 13.4 20.2



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2894
 Delta R.T. -0.00 min
 Lab File: VL035646.D
 Acq: 17 Sep 2020 2:57

Tgt Ion:117 Resp: 4523487
 Ion Ratio Lower Upper
 117 100
 82 57.7 41.6 62.4
 119 34.6 29.3 43.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.434 ppbv
 RT: 14.43 min Scan# 3620
 Delta R.T. -0.00 min
 Lab File: VL035646.D
 Acq: 17 Sep 2020 2:57

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-9DL2

Tot Ion: 95 Resp: 3351635
 Ion Ratio Lower Upper
 95 100
 174 77.5 69.6 104.4
 175 5.6 5.1 7.7

