

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052021\
 Data File : VL037027.D
 Acq On : 20 May 2021 17:15
 Operator : SY/AP
 Sample : M2424-10DL2 40X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 KSV-08DL2

Quant Time: May 22 22:48:47 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue May 18 12:00:15 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

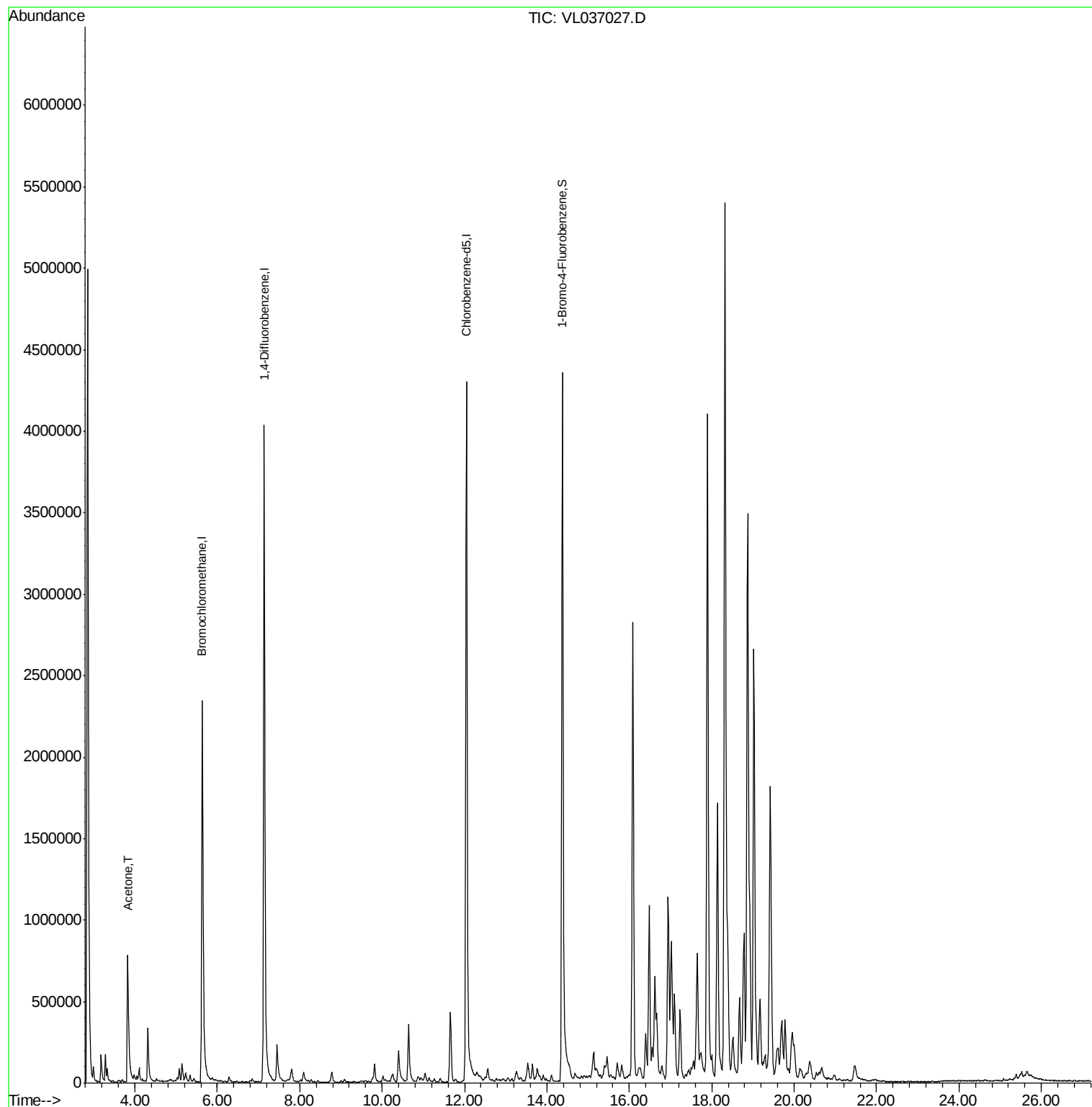
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.63	49	1289067	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.14	114	3695916	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.05	117	3266927	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.37	95	2294673	9.35	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.50%
Target Compounds						
15) Acetone	3.82	43	1191766	9.026	ppbv	Ovalue 98

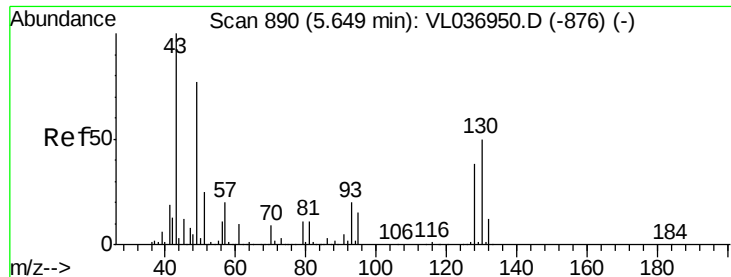
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.63 min Scan# 885

Delta R.T. -0.02 min

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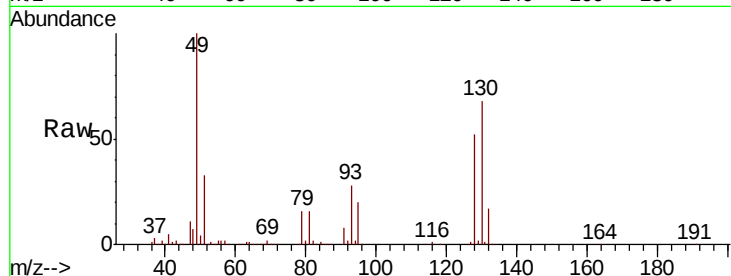
Tot Ion: 49 Resp: 1289067

Ion Ratio Lower Upper

49 100

128 53.0 26.9 80.7

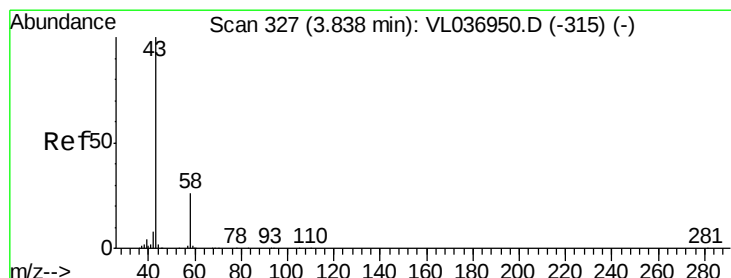
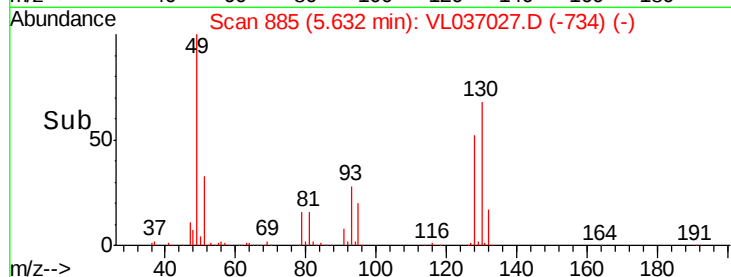
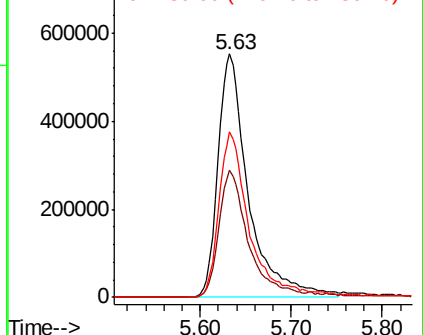
130 69.3 33.8 101.4



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: 9.026 ppbv

RT: 3.82 min Scan# 322

Delta R.T. -0.02 min

Lab File: VL037027.D

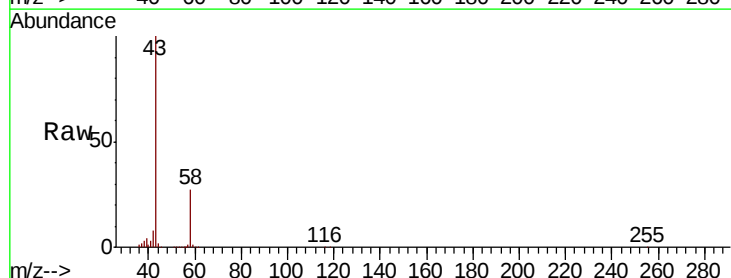
Acq: 20 May 2021 17:15

Tgt Ion: 43 Resp: 1191766

Ion Ratio Lower Upper

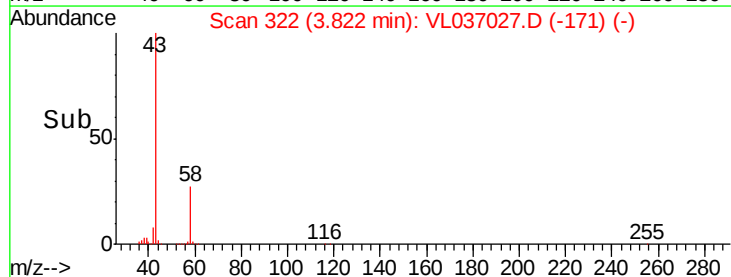
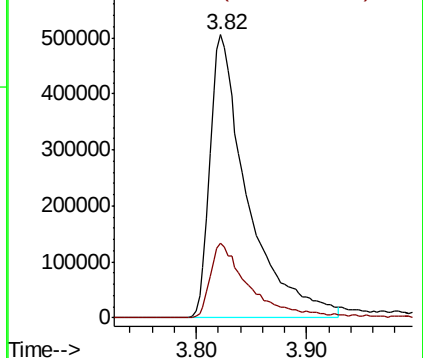
43 100

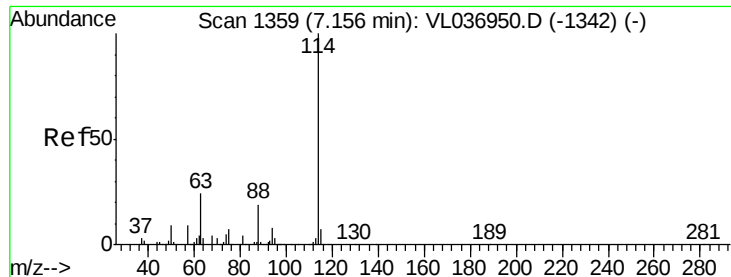
58 28.7 24.0 36.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

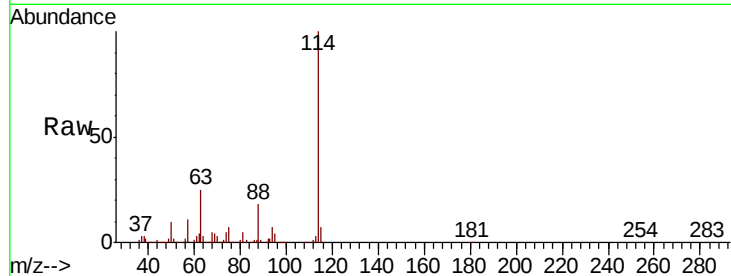




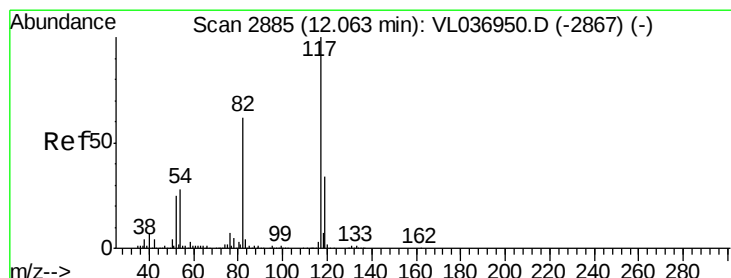
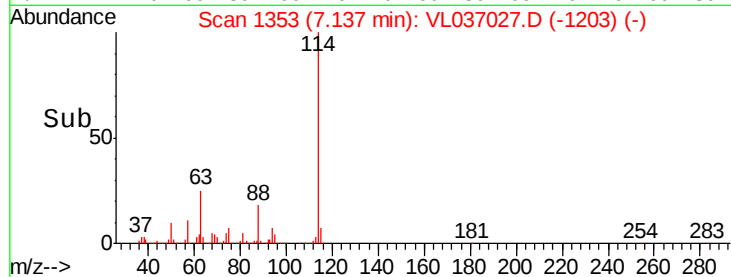
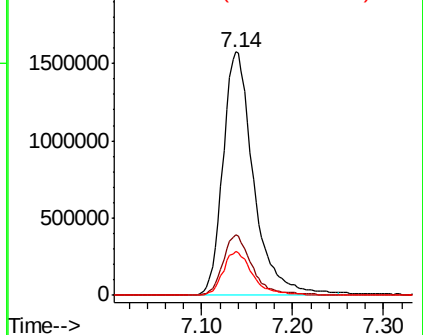
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.14 min Scan# 1353
 Delta R.T. -0.02 min
 Lab File: VL037027.D
 Acq: 20 May 2021 17:15

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Tot Ion:114 Resp: 3695916
 Ion Ratio Lower Upper
 114 100
 63 24.1 19.6 29.4
 88 17.9 14.6 21.8

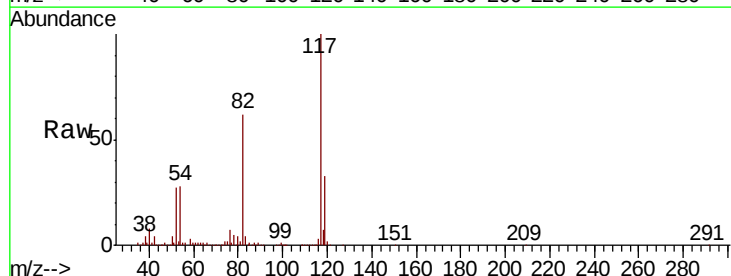


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

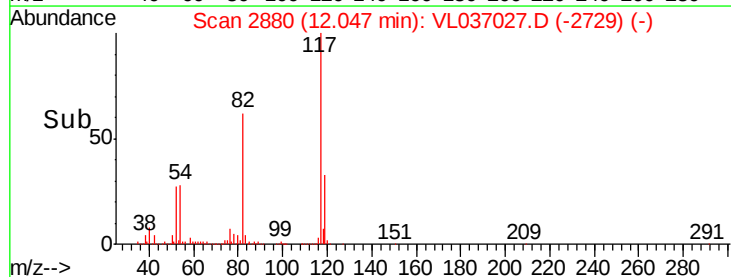
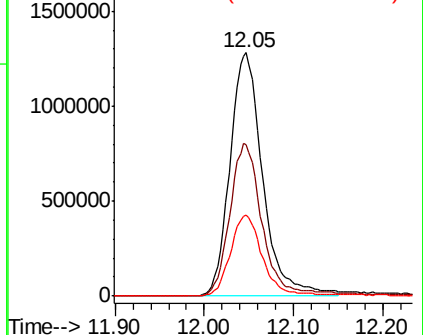


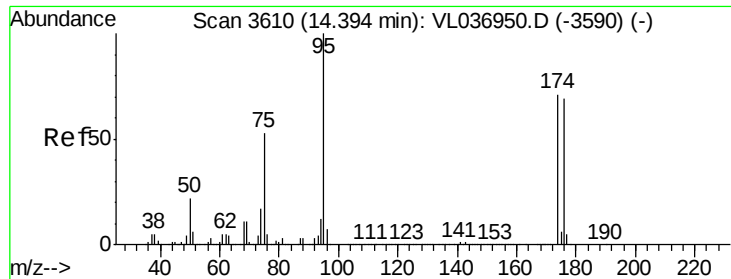
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.05 min Scan# 2880
 Delta R.T. -0.02 min
 Lab File: VL037027.D
 Acq: 20 May 2021 17:15

Tgt Ion:117 Resp: 3266927
 Ion Ratio Lower Upper
 117 100
 82 63.8 52.6 79.0
 119 33.9 46.6 70.0#



Abundance Ion 117.10 (116.80 to 117.80): V
 Ion 82.10 (81.80 to 82.80): VL0
 Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.350 ppbv

RT: 14.37 min Scan# 3604

Delta R.T. -0.02 min

Lab File: VL037027.D

Acq: 20 May 2021 17:15

Instrument :

MSVOA_L

ClientSampleId :

KSV-08DL2

Tot Ion: 95 Resp: 2294673

Ion Ratio Lower Upper

95 100

174 78.0 58.4 87.6

175 5.6 4.4 6.6

