

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052021\
 Data File : VL037024.D
 Acq On : 20 May 2021 15:19
 Operator : SY/AP
 Sample : M2424-05DL2 100X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 KSV-04DL2

Quant Time: May 22 22:30:12 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	1268793	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.14	114	3730527	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.04	117	3300413	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	2423628	9.78	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.80%

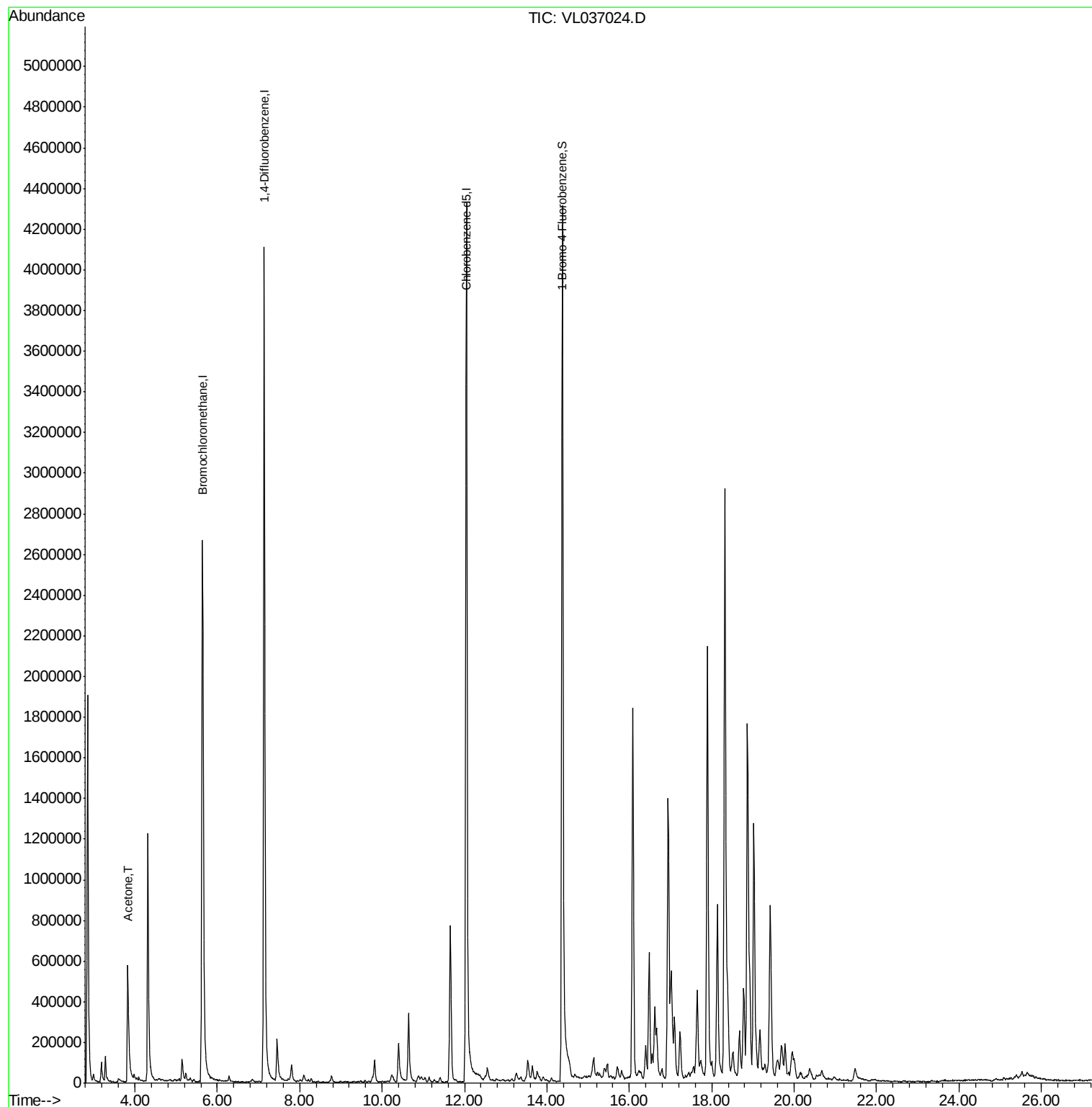
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.83	43	896004	6.895	ppbv	98

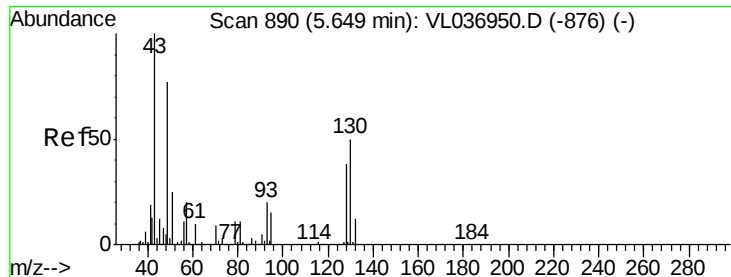
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.63 min Scan# 885

Delta R.T. -0.02 min

Lab File: VL037024.D

Acq: 20 May 2021 15:19

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ClientSampleId :

KSV-04DL2

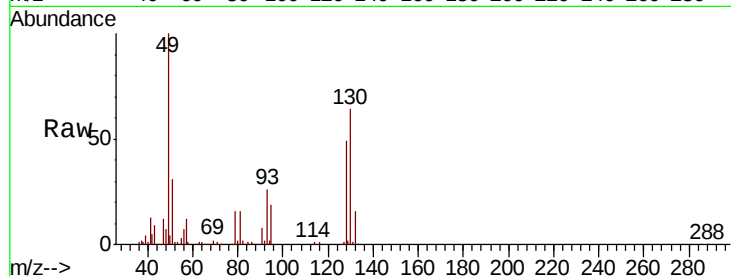
Tot Ion: 49 Resp: 1268793

Ion Ratio Lower Upper

49 100

128 56.0 26.9 80.7

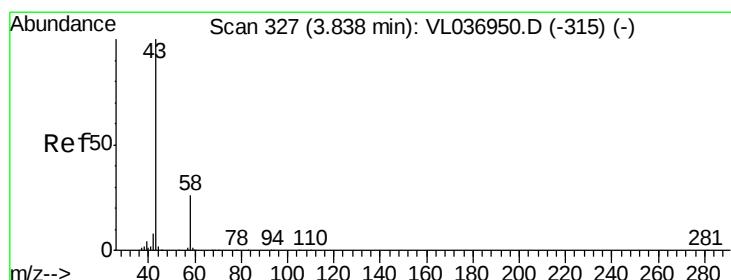
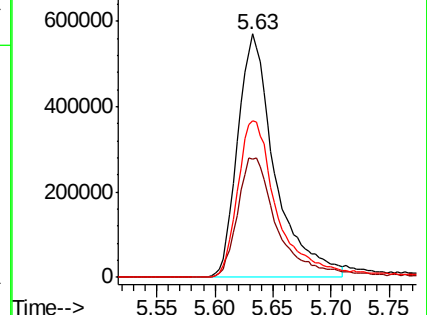
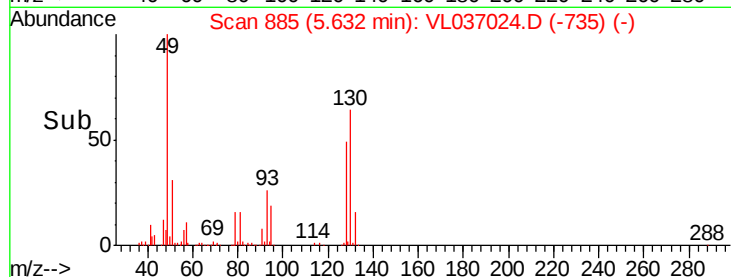
130 72.2 33.8 101.4



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: 6.895 ppbv

RT: 3.83 min Scan# 323

Delta R.T. -0.01 min

Lab File: VL037024.D

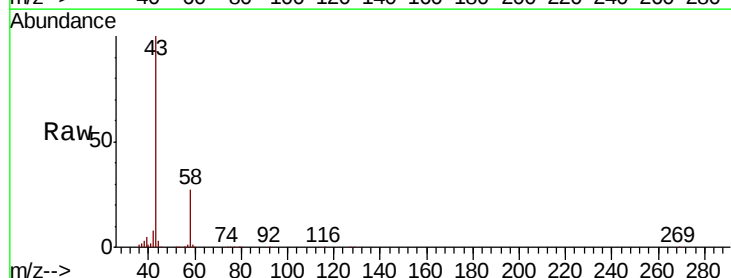
Acq: 20 May 2021 15:19

Tgt Ion: 43 Resp: 896004

Ion Ratio Lower Upper

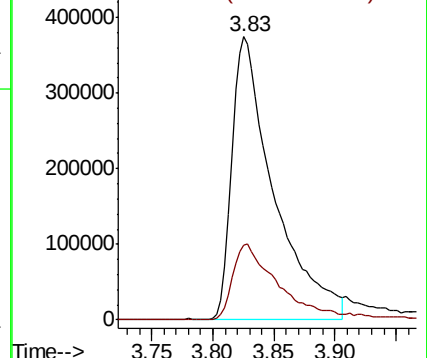
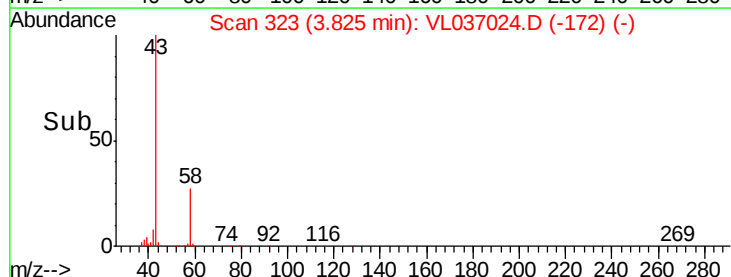
43 100

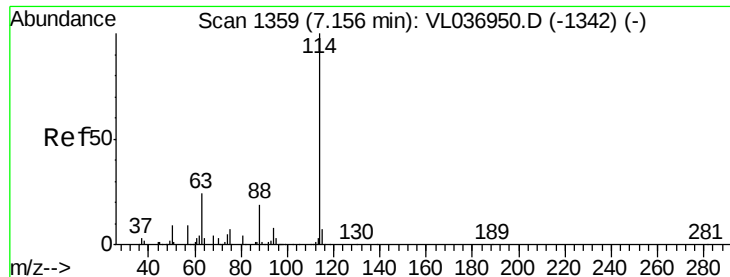
58 31.2 24.0 36.0



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: VL037024.D

Acq: 20 May 2021 15:19

Instrument :

MSVOA_L

ClientSampleId :

KSV-04DL2

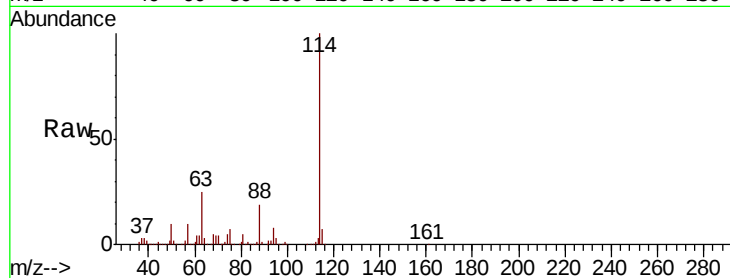
Tot Ion:114 Resp: 3730527

Ion Ratio Lower Upper

114 100

63 24.6 19.6 29.4

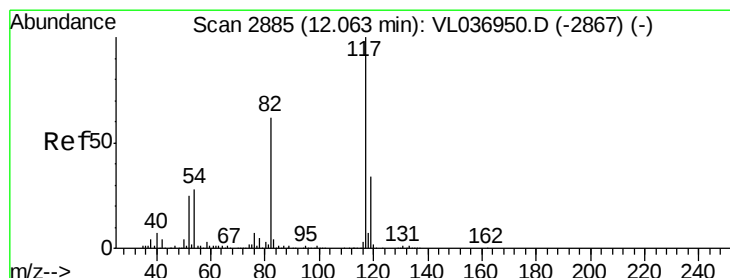
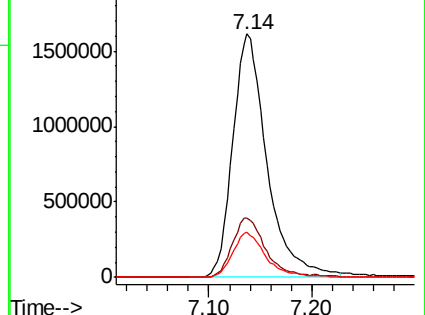
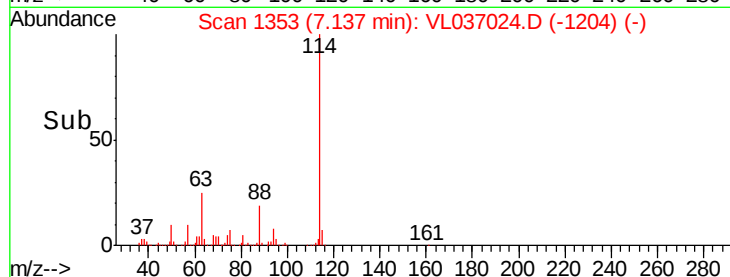
88 18.2 14.6 21.8



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: 12.04 min Scan# 2879

Delta R.T. -0.02 min

Lab File: VL037024.D

Acq: 20 May 2021 15:19

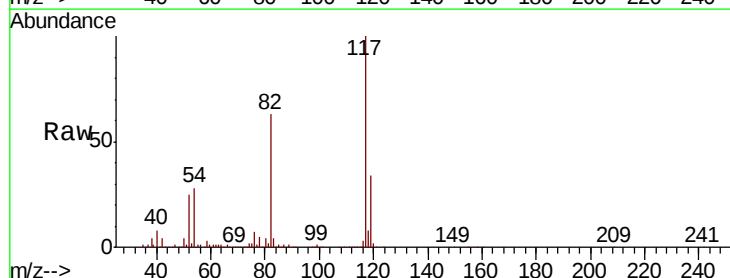
Tgt Ion:117 Resp: 3300413

Ion Ratio Lower Upper

117 100

82 63.2 52.6 79.0

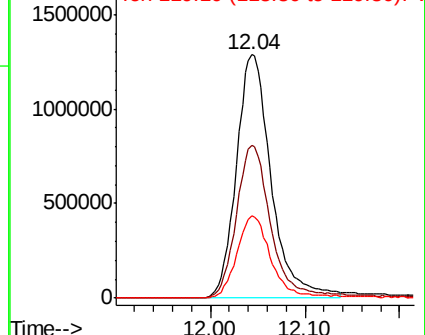
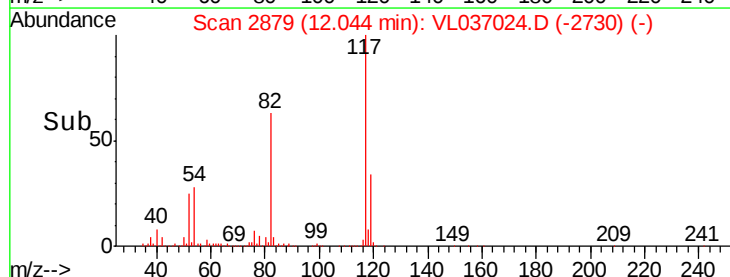
119 34.2 46.6 70.0#

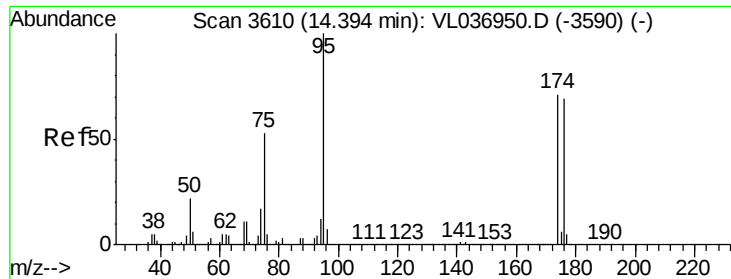


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.775 ppbv
 RT: 14.37 min Scan# 3604
 Delta R.T. -0.02 min
 Lab File: VL037024.D
 Acq: 20 May 2021 15:19

Instrument :
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 ClientSampleId :
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Tot Ion: 95 Resp: 2423628
 Ion Ratio Lower Upper
 95 100
 174 75.1 58.4 87.6
 175 5.5 4.4 6.6

