

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL022421\
 Data File : VL036345.D
 Acq On : 24 Feb 2021 11:15
 Operator : SY/AP
 Sample : VL0224ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BFB

Quant Time: Mar 03 04:47:39 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 16:04:02 2021
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1680608	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.17	114	3764129	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.08	117	3402081	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2695932	9.63	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.30%

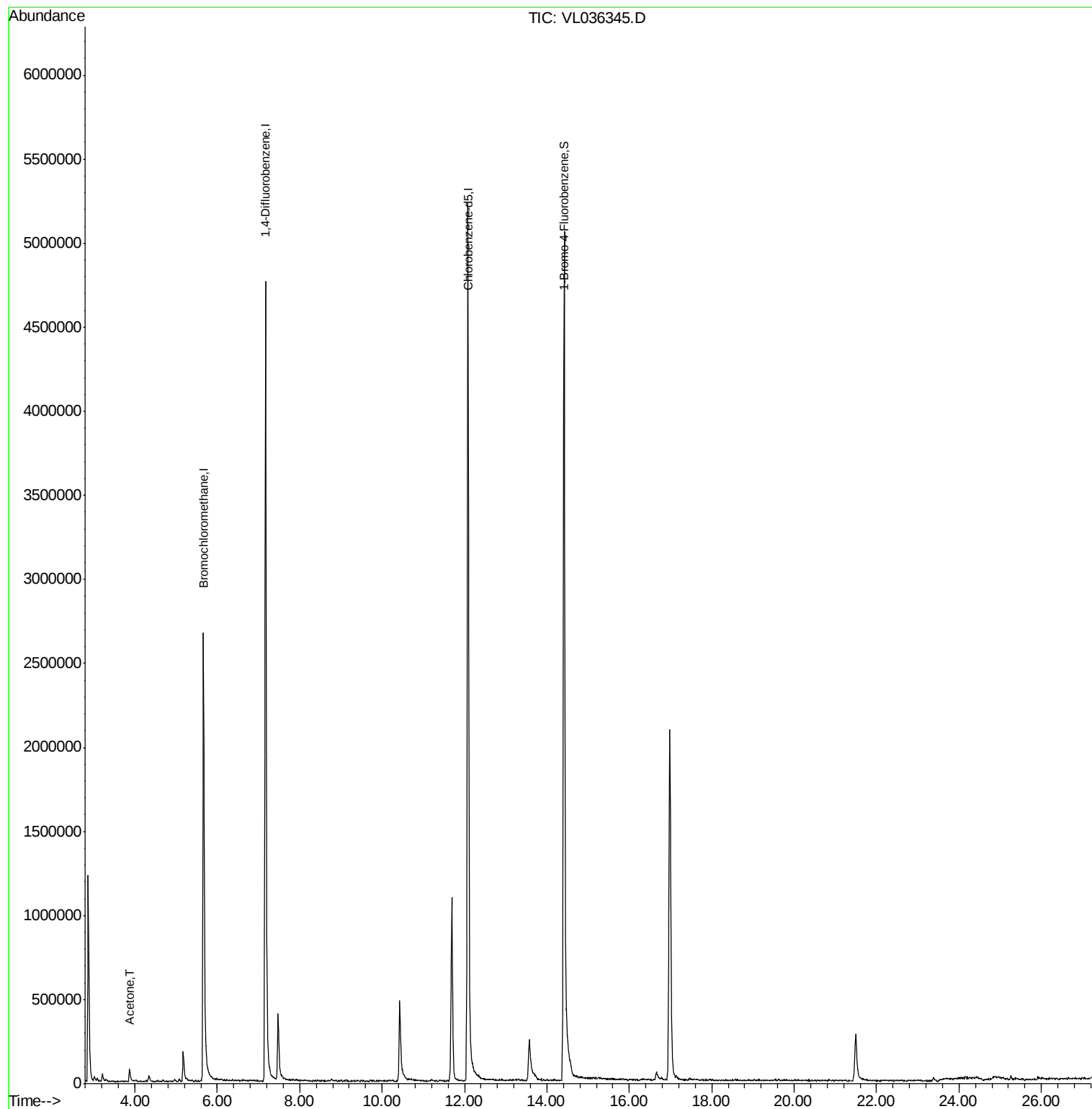
Target Compounds				Ovalue
15) Acetone	3.87	43	79819m	0.389 ppbv

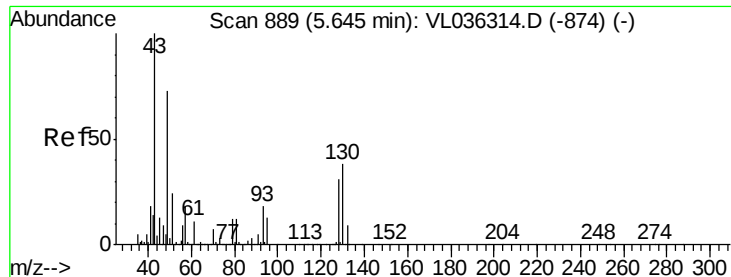
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL022421\
Data File : VL036345.D
Acq On : 24 Feb 2021 11:15
Operator : SY/AP
Sample : VL0224ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
BFB

Quant Time: Mar 03 04:47:39 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb 10 16:04:02 2021
QLast Update : Wed Feb 10 16:04:02 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.02 min

Lab File: VL036345.D

Acq: 24 Feb 2021 11:15

Instrument :

MSVOA_L

ClientSampleId :

BFB

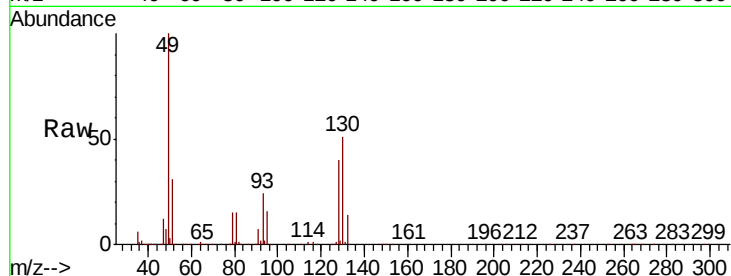
Tot Ion: 49 Resp: 1680608

Ion Ratio Lower Upper

49 100

128 42.9 20.8 62.5

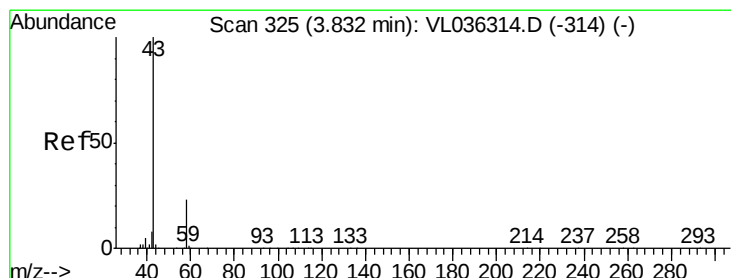
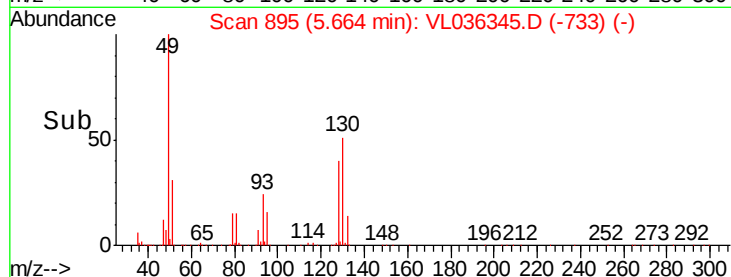
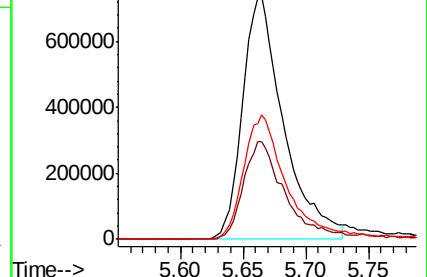
130 55.8 26.7 80.1



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: 0.389 ppbv m

RT: 3.87 min Scan# 337

Delta R.T. 0.04 min

Lab File: VL036345.D

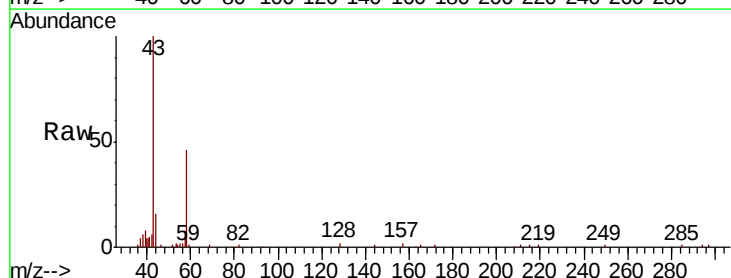
Acq: 24 Feb 2021 11:15

Tgt Ion: 43 Resp: 79819

Ion Ratio Lower Upper

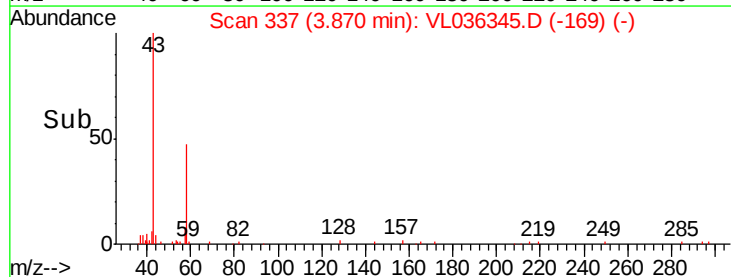
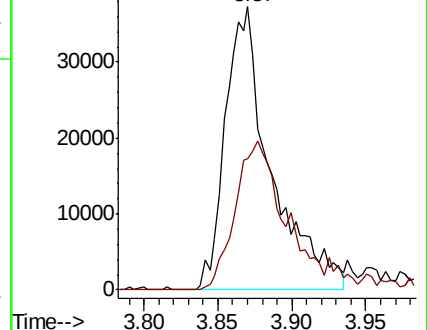
43 100

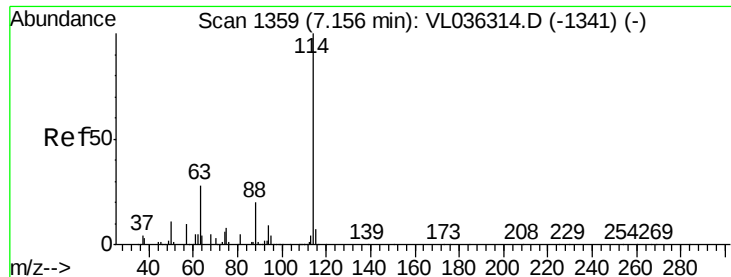
58 63.8 20.3 30.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

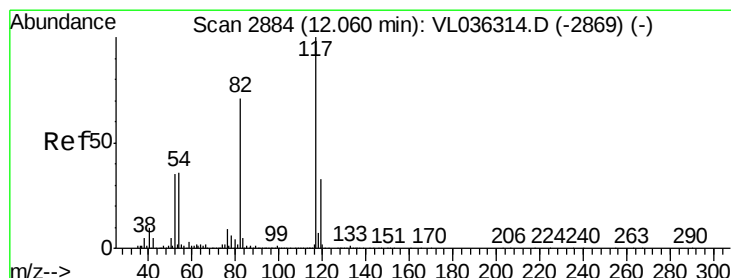
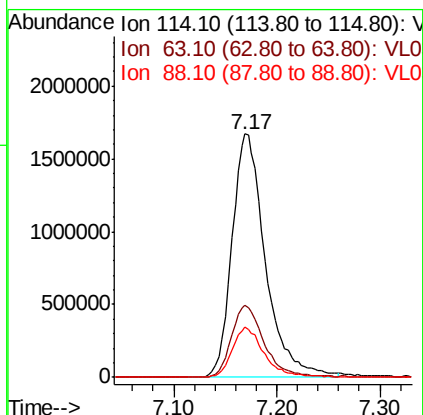
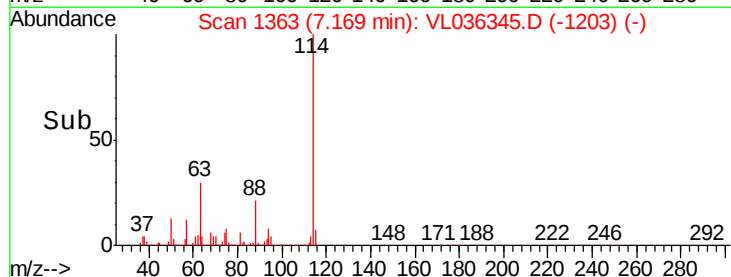
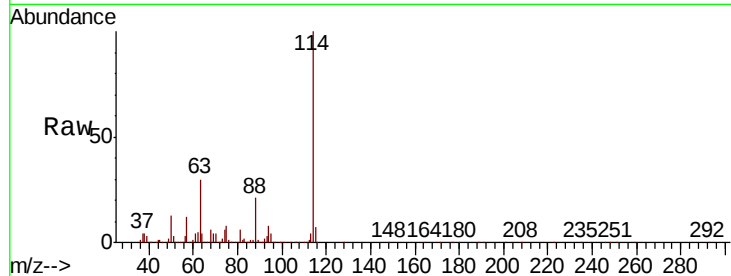




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VL036345.D
 Acq: 24 Feb 2021 11:15

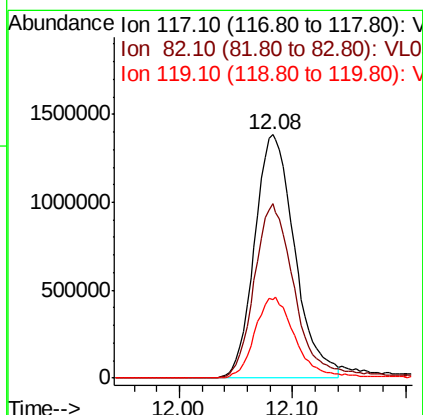
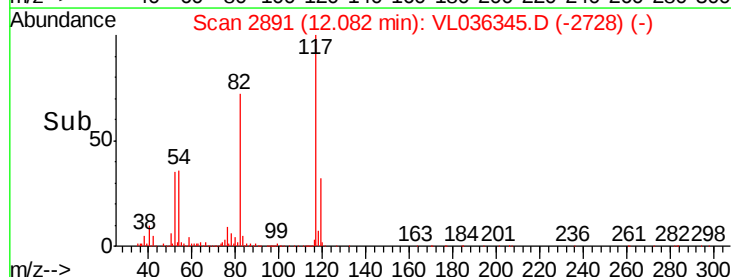
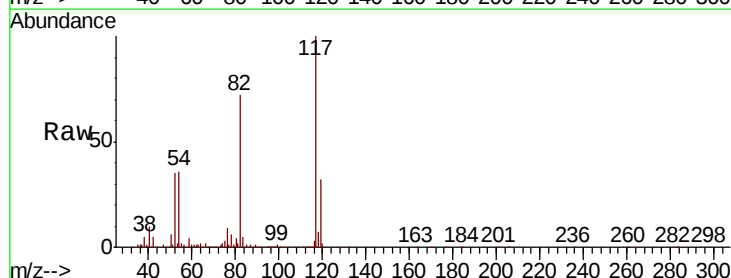
Instrument :
 MSVOA_L
 ClientSampled :
 BFB

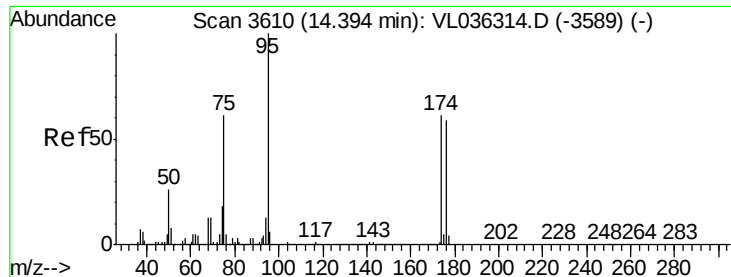
Tot Ion:114 Resp: 3764129
 Ion Ratio Lower Upper
 114 100
 63 29.5 24.1 36.1
 88 20.1 16.0 24.0



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min Scan# 2891
 Delta R.T. 0.02 min
 Lab File: VL036345.D
 Acq: 24 Feb 2021 11:15

Tgt Ion:117 Resp: 3402081
 Ion Ratio Lower Upper
 117 100
 82 73.8 59.1 88.7
 119 34.6 46.3 69.5#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.631 ppbv

RT: 14.42 min Scan# 3617

Delta R.T. 0.02 min

Lab File: VL036345.D

Acq: 24 Feb 2021 11:15

Instrument :

MSVOA_L

ClientSampleId :

BFB

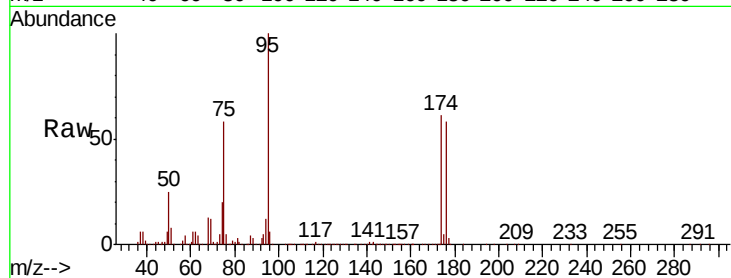
Tot Ion: 95 Resp: 2695932

Ion Ratio Lower Upper

95 100

174 67.2 49.8 74.6

175 4.8 3.7 5.5



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

