

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111921\
 Data File : VL038084.D
 Acq On : 19 Nov 2021 14:24
 Operator : SY/AP
 Sample : M4704-02DL2 40X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 17-TOTEN-STREETDL2

Quant Time: Nov 25 21:00:19 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Nov 18 13:16:09 2021
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	836946	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	2352998	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	1941771	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1444183	10.31	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.10%

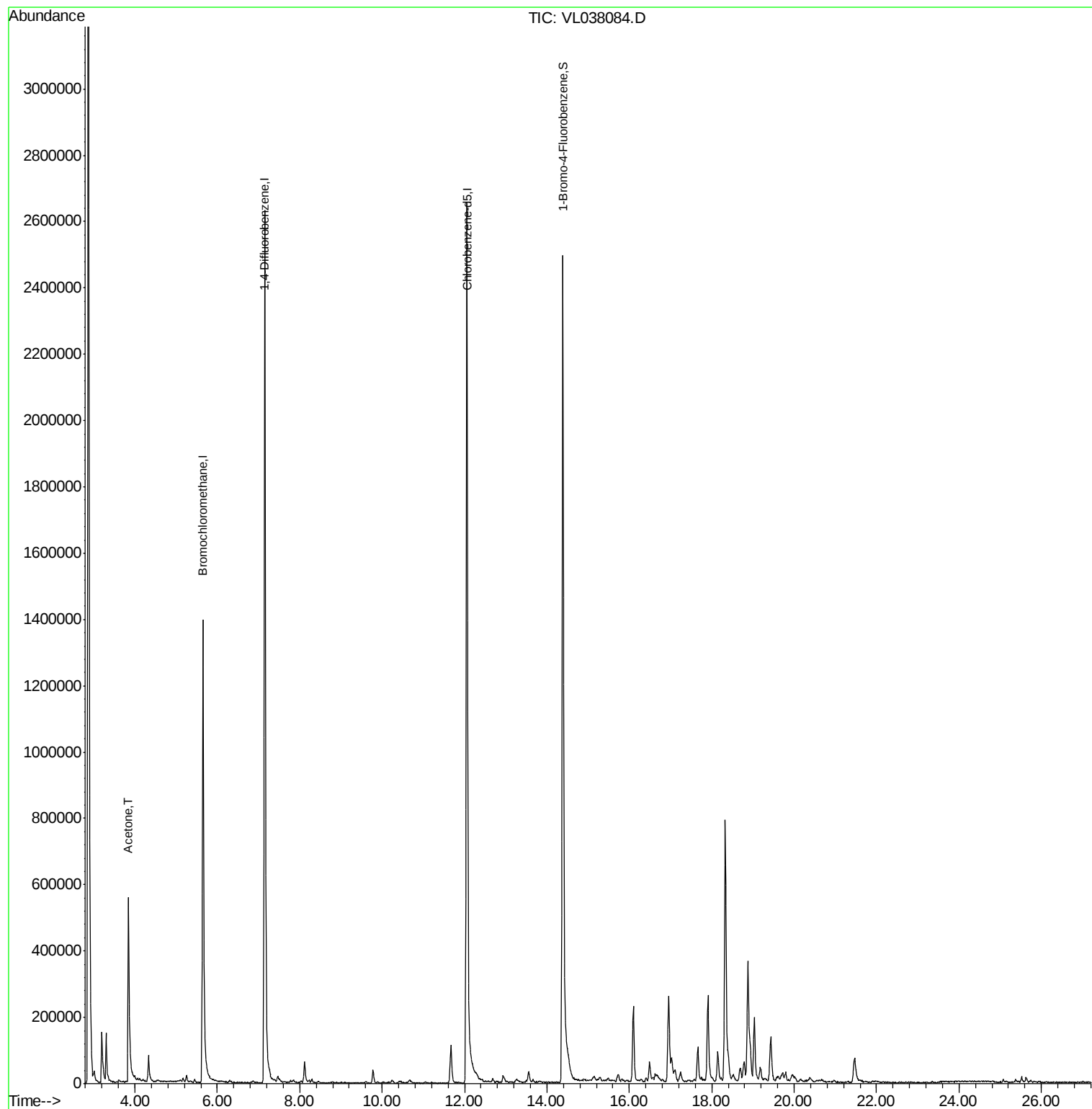
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	858336	11.829	ppbv	100

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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: 17-TOTEN-STREETDL2

Acq: 19 Nov 2021 14:24

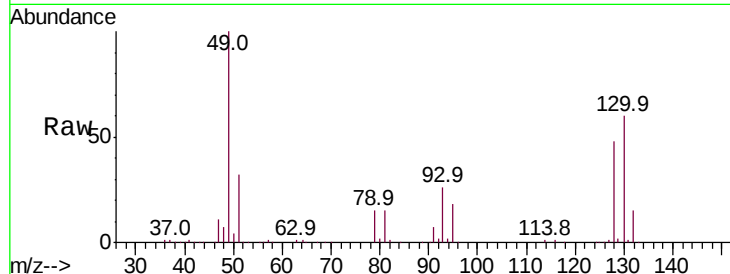
Tot Ion: 49 Resp: 836946

Ion Ratio Lower Upper

49 100

128 49.5 26.5 79.5

130 63.8 32.5 97.4



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

500000

400000

300000

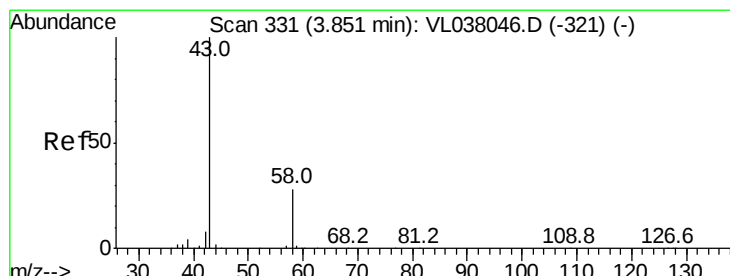
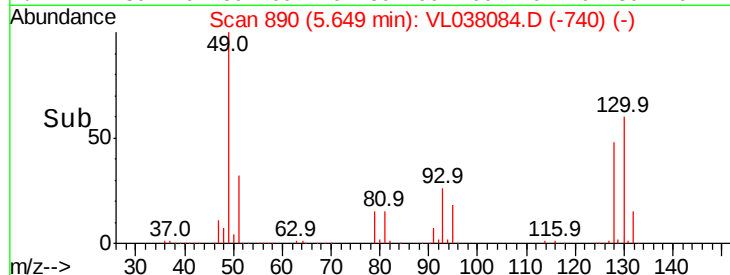
200000

100000

0

5.60 5.65 5.70 5.75

Time-->



#15

Acetone

Concen: 11.829 ppbv

RT: 3.84 min Scan# 328

Delta R.T. -0.01 min

Lab File: VL038084.D

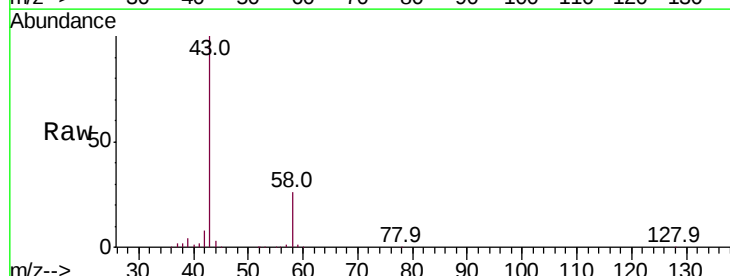
Acq: 19 Nov 2021 14:24

Tgt Ion: 43 Resp: 858336

Ion Ratio Lower Upper

43 100

58 28.1 22.4 33.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

400000

300000

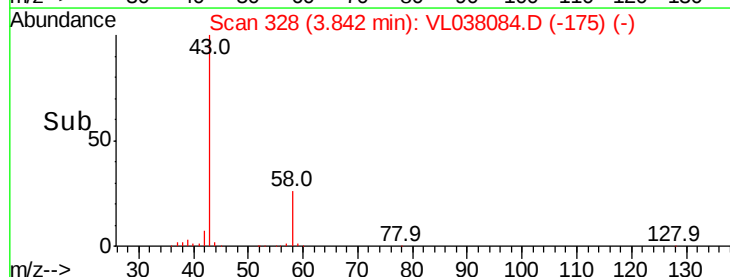
200000

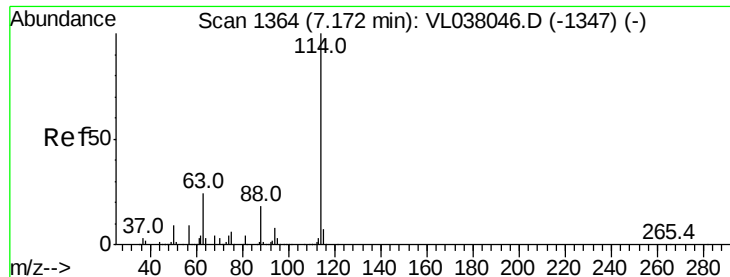
100000

0

3.75 3.80 3.85 3.90 3.95

Time-->





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.15 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 19 Nov 2021 14:24 17-TOTEN-STREETDL2

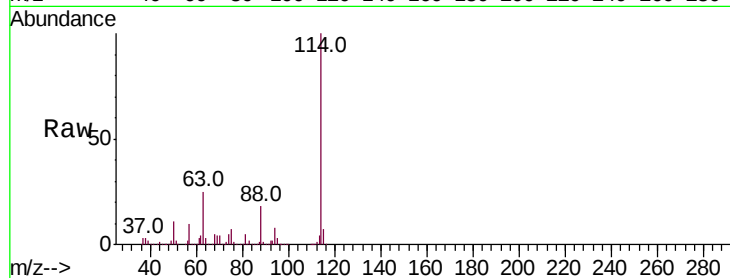
Tot Ion:114 Resp: 2352998

Ion Ratio Lower Upper

114 100

63 25.6 19.7 29.5

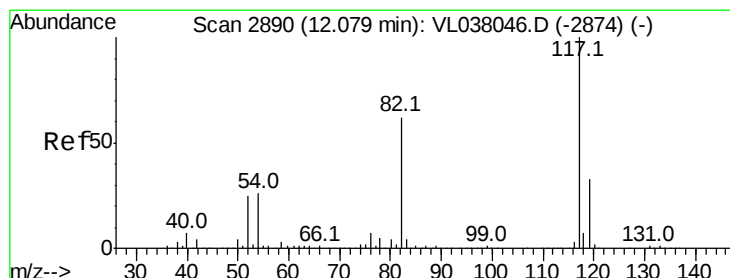
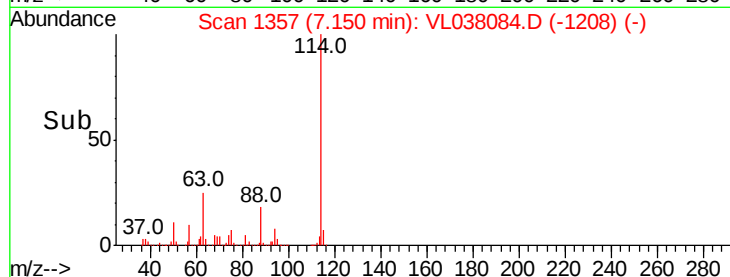
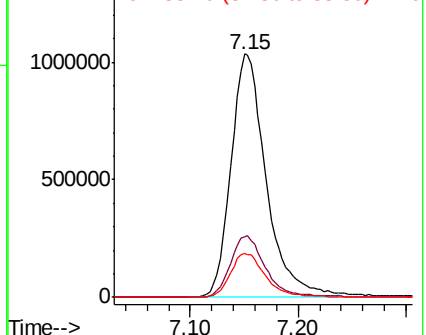
88 18.4 14.4 21.6



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: 12.06 min Scan# 2884

Delta R.T. -0.02 min

Lab File: VL038084.D

Acq: 19 Nov 2021 14:24

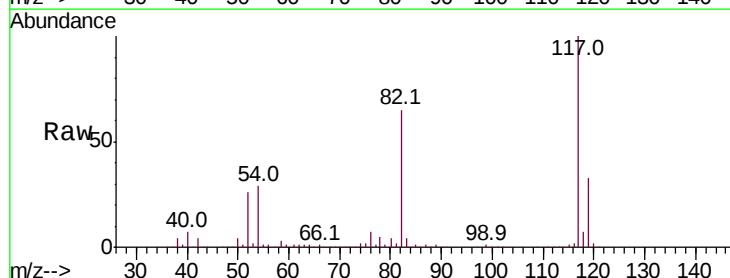
Tgt Ion:117 Resp: 1941771

Ion Ratio Lower Upper

117 100

82 71.1 52.8 79.2

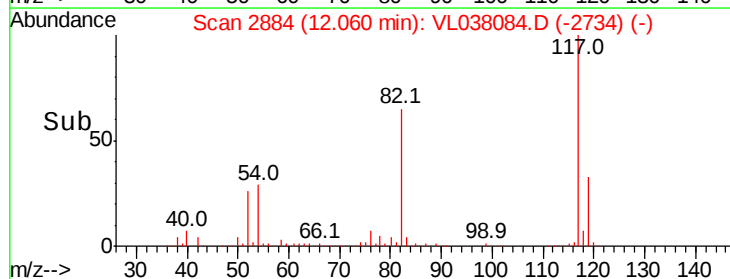
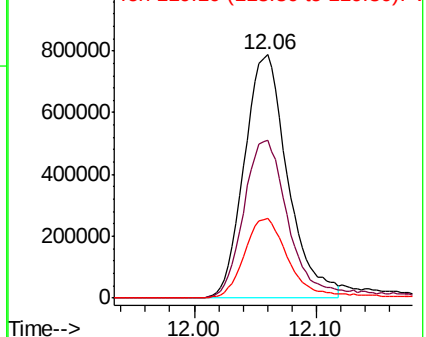
119 34.8 26.8 40.2

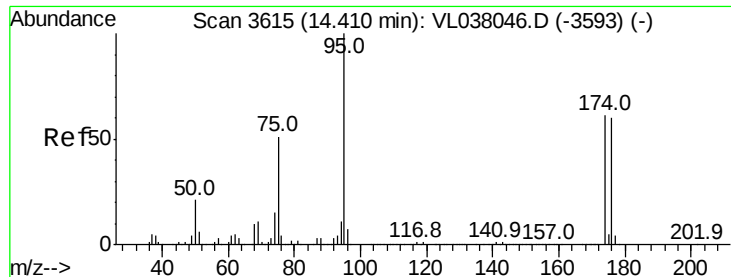


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.311 ppbv

RT: 14.39 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 19 Nov 2021 14:24

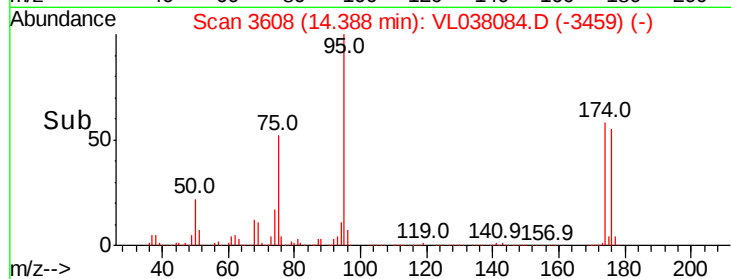
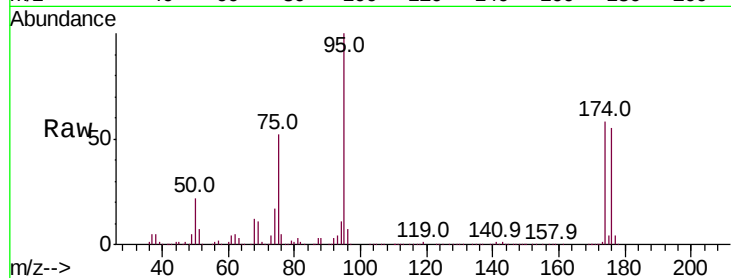
Tot Ion: 95 Resp: 1444183

Ion Ratio Lower Upper

95 100

174 65.9 53.1 79.7

175 4.9 4.0 6.0



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

