

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL022521\
 Data File : VL036379.D
 Acq On : 25 Feb 2021 12:58
 Operator : SY/AP
 Sample : VL0225ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0225ABL01

Quant Time: Mar 03 05:05:15 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	1630784	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.17	114	3449702	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3141602	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2611453	10.10	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.00%

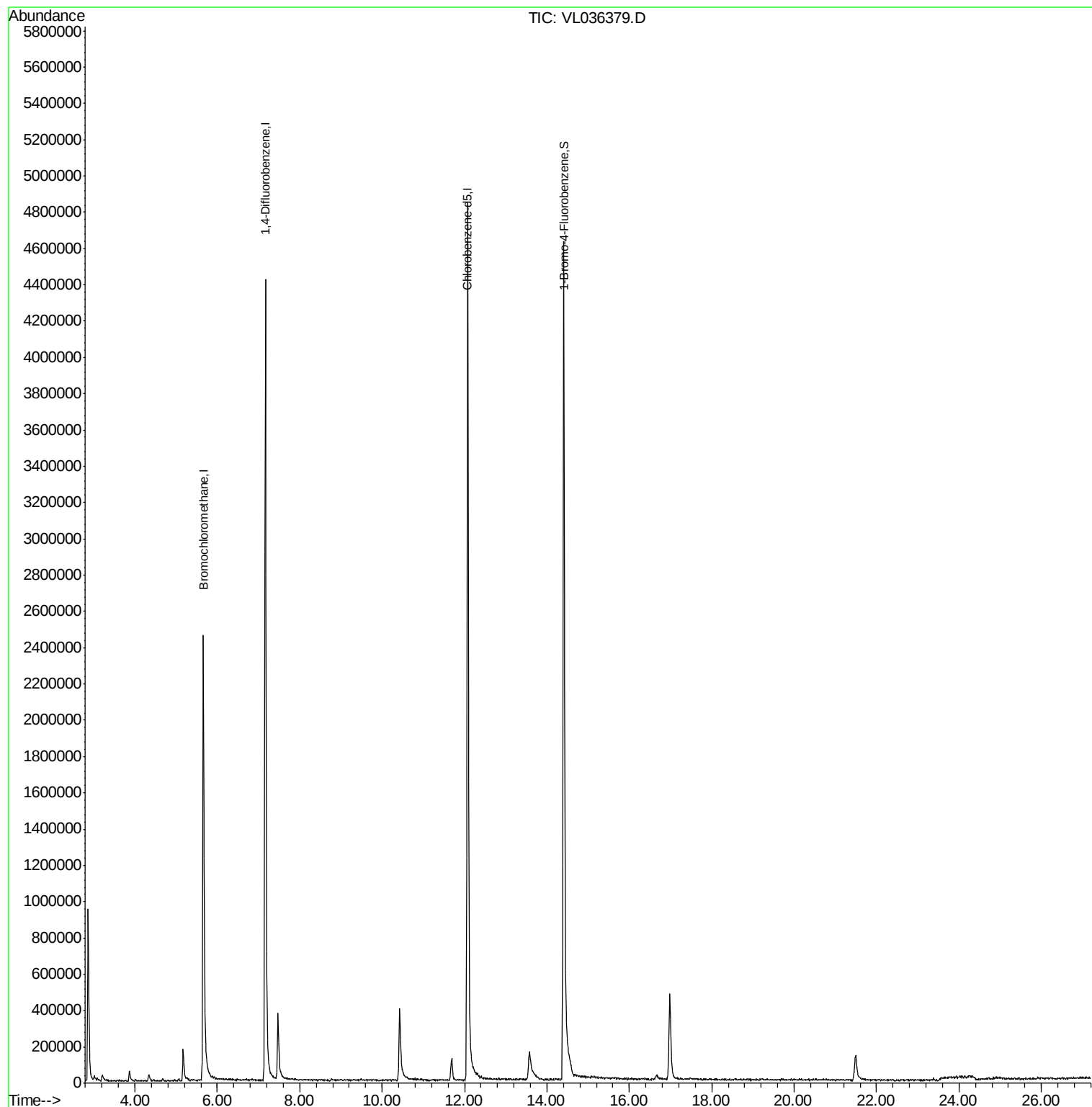
Target Compounds	Ovalue

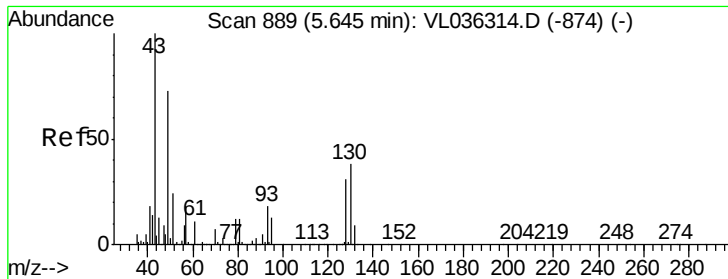
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. 0.01 min

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ClientSampleId :

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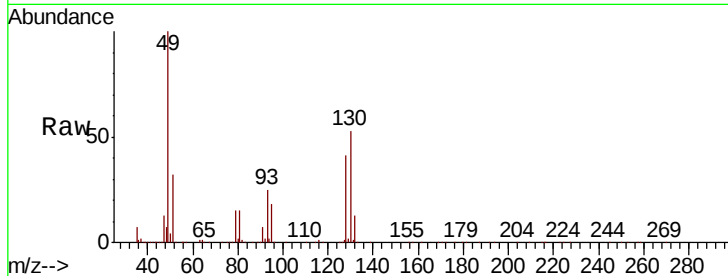
Tot Ion: 49 Resp: 1630784

Ion Ratio Lower Upper

49 100

128 42.1 20.8 62.5

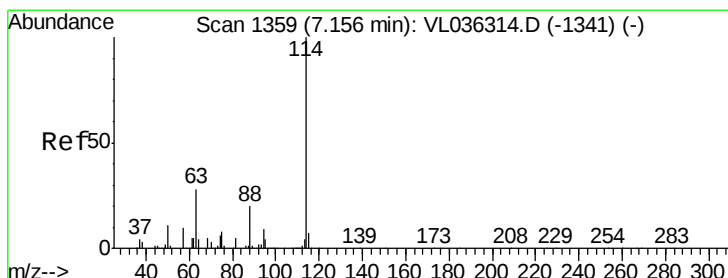
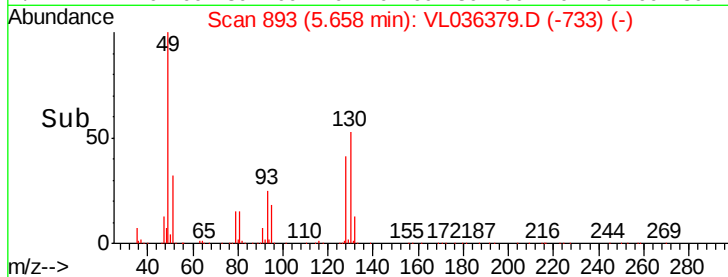
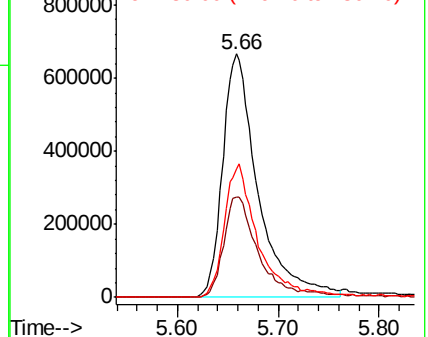
130 53.6 26.7 80.1



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



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VL036379.D

Acq: 25 Feb 2021 12:58

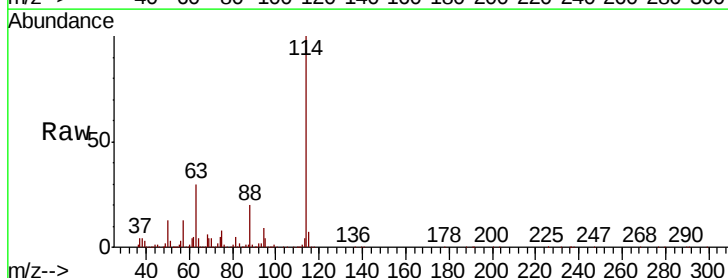
Tgt Ion: 114 Resp: 3449702

Ion Ratio Lower Upper

114 100

63 29.9 24.1 36.1

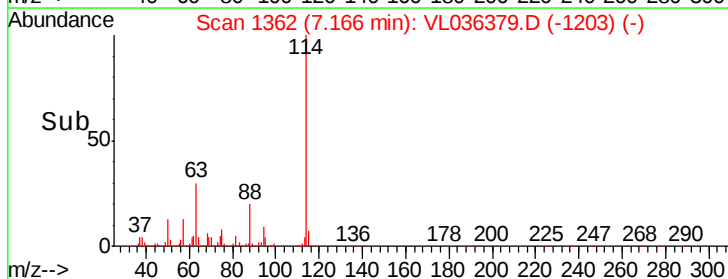
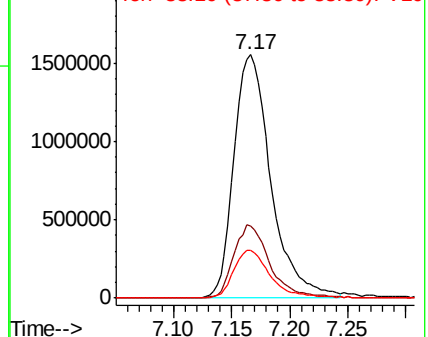
88 19.8 16.0 24.0

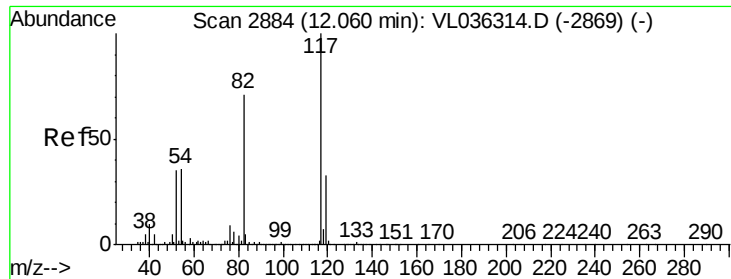


Abundance Ion 114.10 (113.80 to 114.80): V

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: 12.08 min Scan# 2889

Delta R.T. 0.02 min

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ClientSampleId :

VL0225ABL01

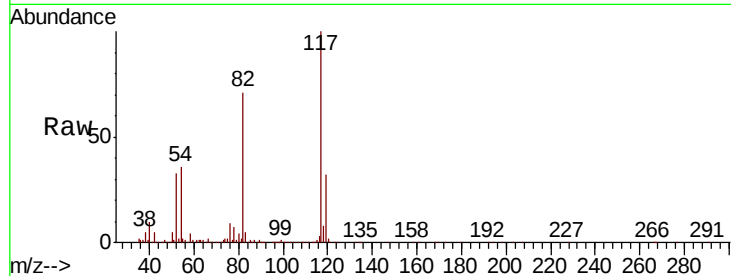
Tot Ion:117 Resp: 3141602

Ion Ratio Lower Upper

117 100

82 74.5 59.1 88.7

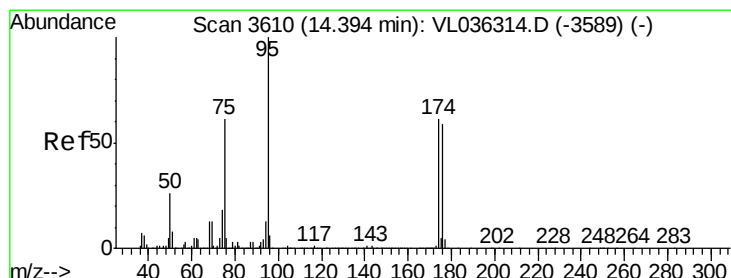
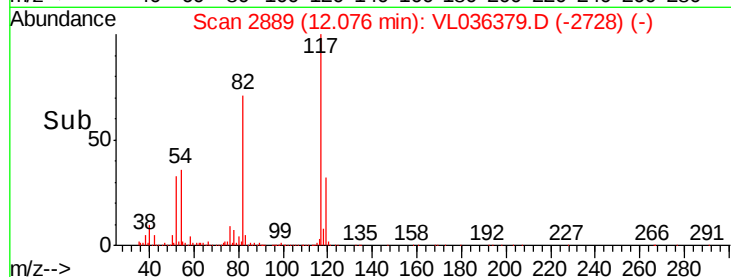
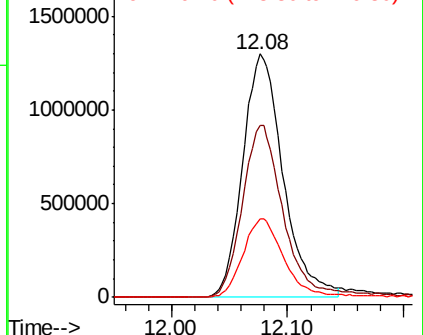
119 33.9 46.3 69.5#



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: 10.103 ppbv

RT: 14.41 min Scan# 3614

Delta R.T. 0.01 min

Lab File: VL036379.D

Acq: 25 Feb 2021 12:58

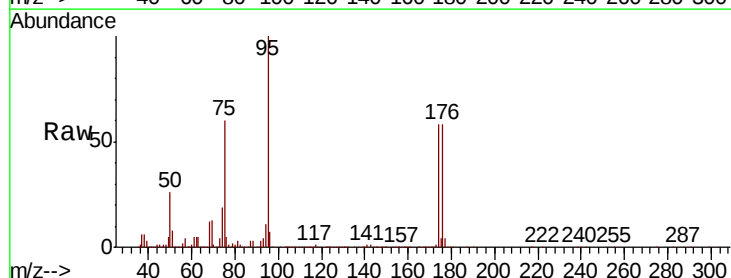
Tgt Ion: 95 Resp: 2611453

Ion Ratio Lower Upper

95 100

174 62.2 49.8 74.6

175 4.6 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

