

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL022521\
Data File : VL036378.D
Acq On : 25 Feb 2021 12:17
Operator : SY/AP
Sample : VL0225ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0225ABL01

Quant Time: Mar 03 04:49:06 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 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	1590606	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.17	114	3566551	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3195934	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2697662	10.26	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.60%

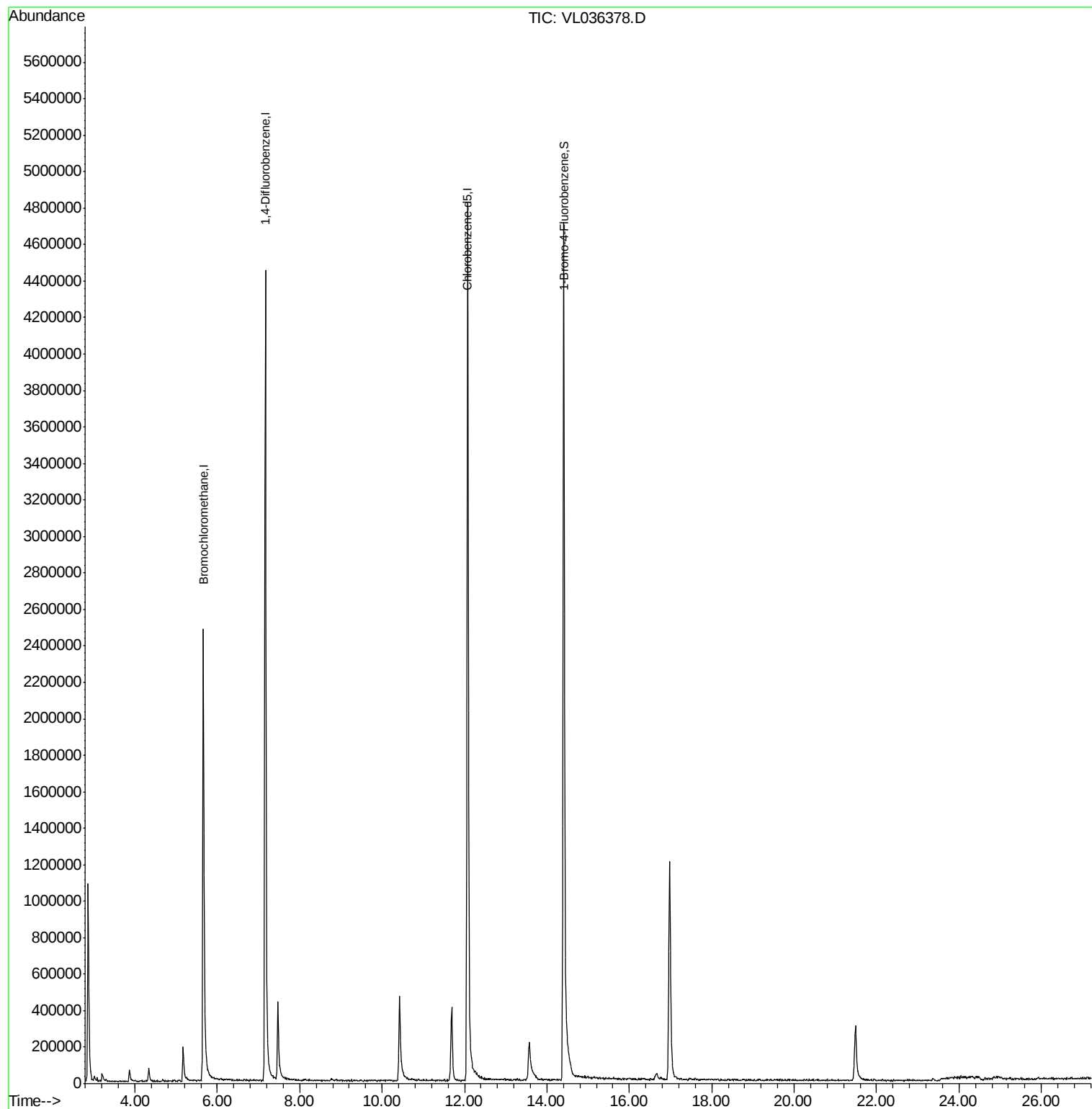
Target Compounds	Ovalue
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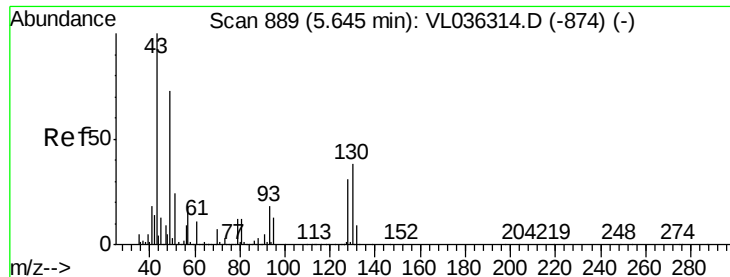
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

VL0225ABL01

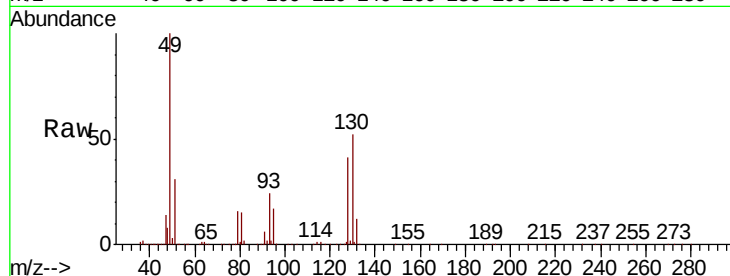
Tot Ion: 49 Resp: 1590606

Ion Ratio Lower Upper

49 100

128 43.3 20.8 62.5

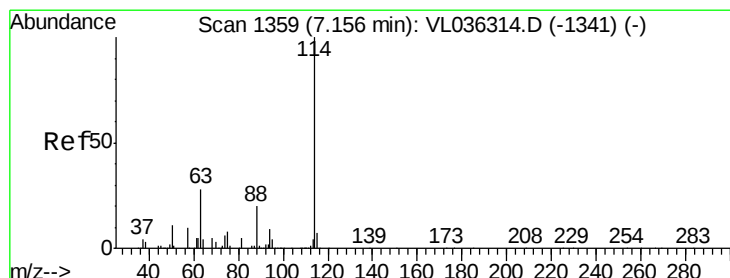
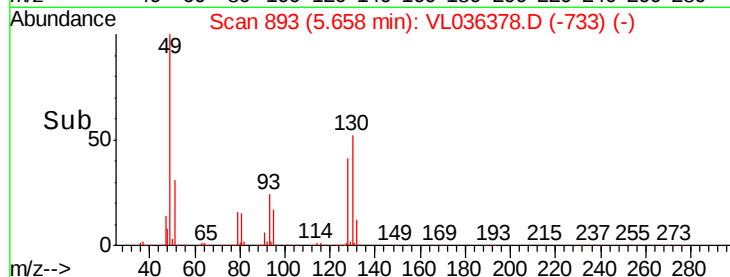
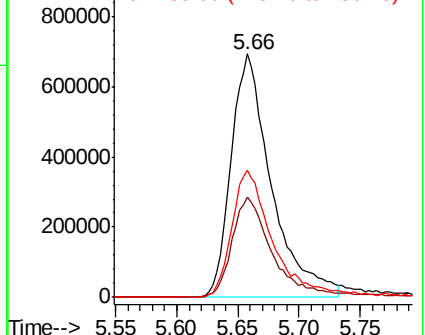
130 54.9 26.7 80.1



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



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VL036378.D

Acq: 25 Feb 2021 12:17

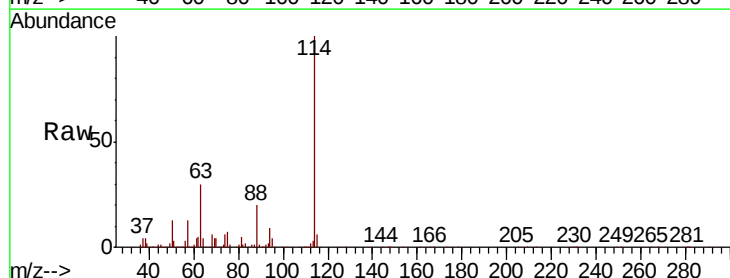
Tgt Ion: 114 Resp: 3566551

Ion Ratio Lower Upper

114 100

63 29.3 24.1 36.1

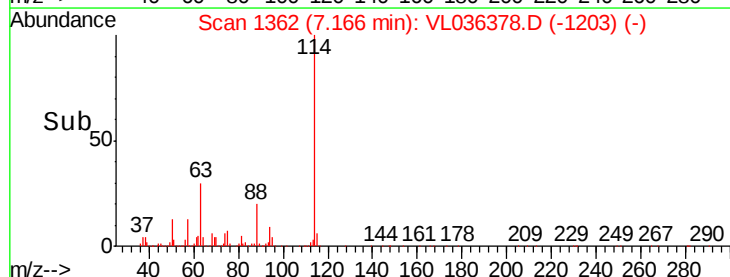
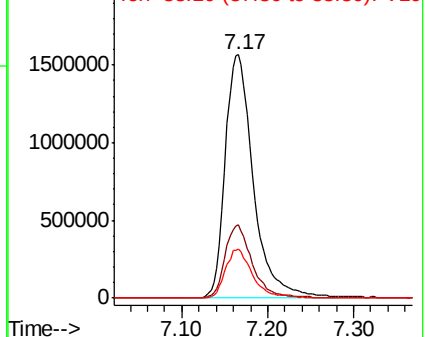
88 19.7 16.0 24.0

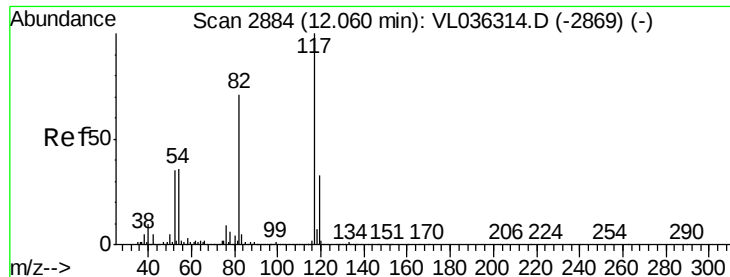


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

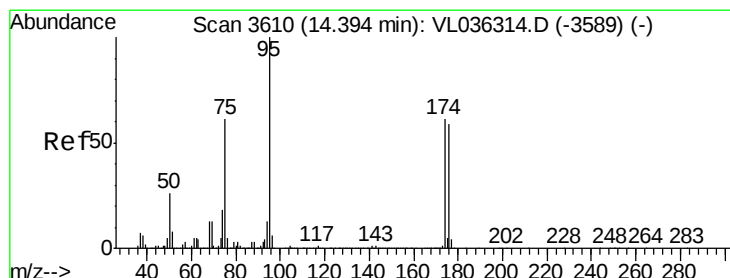
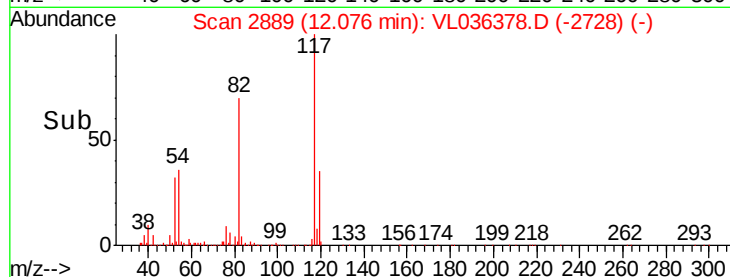
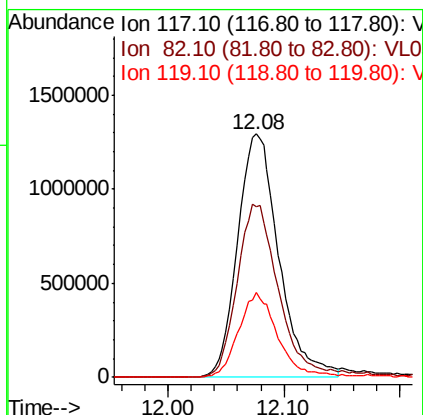
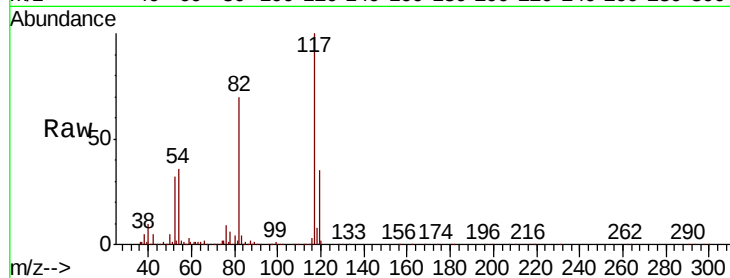




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. 0.02 min
Lab File: VL036378.D
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Tot Ion:117 Resp: 3195934
Ion Ratio Lower Upper
117 100
82 74.2 59.1 88.7
119 34.0 46.3 69.5#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.259 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. 0.01 min
Lab File: VL036378.D
Acq: 25 Feb 2021 12:17

Tgt Ion: 95 Resp: 2697662
Ion Ratio Lower Upper
95 100
174 62.2 49.8 74.6
175 4.6 3.7 5.5

