

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012221\
 Data File : VL036267.D
 Acq On : 22 Jan 2021 15:15
 Operator : SY/AP
 Sample : OC010421 CAN 10334
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC010421 CAN 10334

Quant Time: Jan 24 00:07:19 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
 QLast Update : Thu Jan 14 16:13:38 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1542627	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	3212663	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.11	117	2884461	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2449442	10.26	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.60%

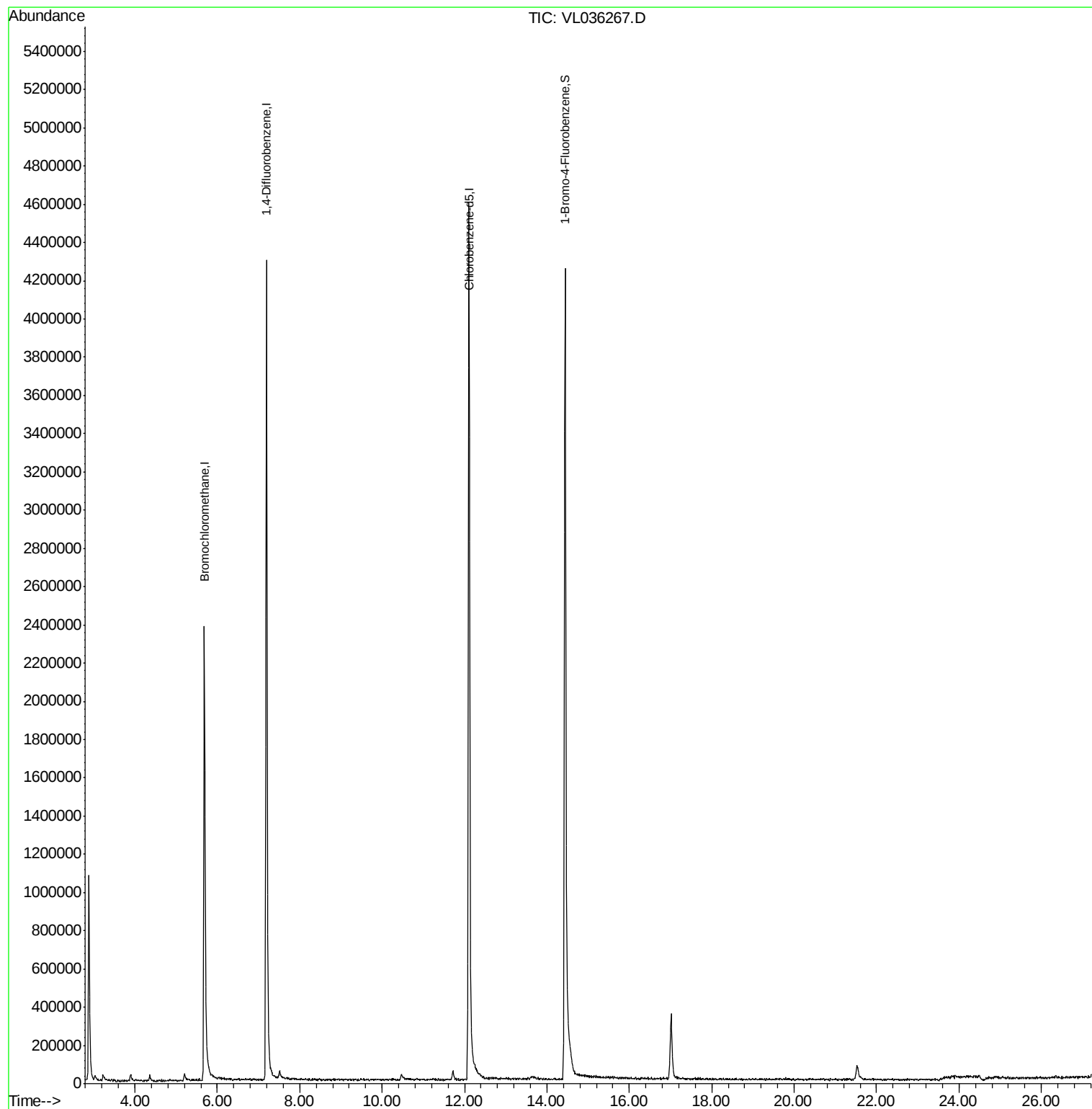
Target Compounds	Ovalue

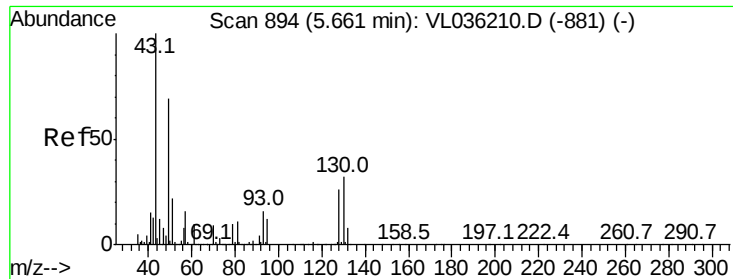
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. 0.02 min

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Instrument :

MSVOA_L

ClientSampleId :

QC010421 CAN 10334

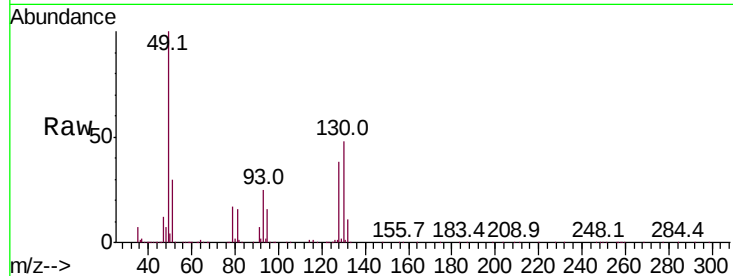
Tot Ion: 49 Resp: 1542627

Ion Ratio Lower Upper

49 100

128 40.5 20.1 60.2

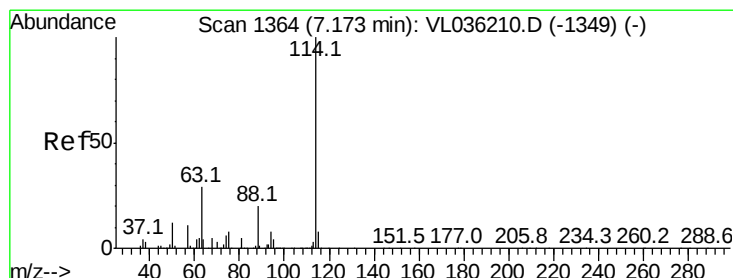
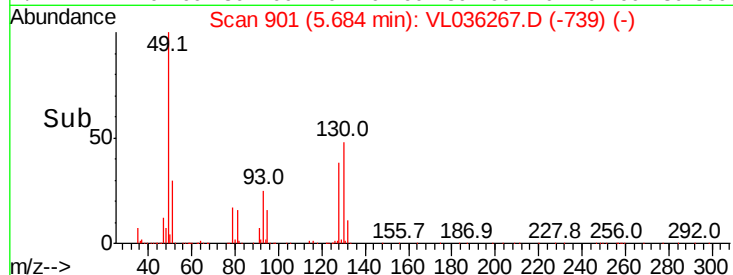
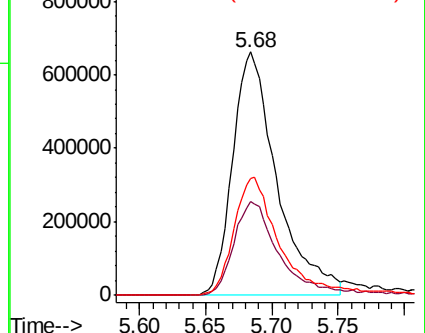
130 52.3 25.3 75.9



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: 7.19 min Scan# 1370

Delta R.T. 0.02 min

Lab File: VL036267.D

Acq: 22 Jan 2021 15:15

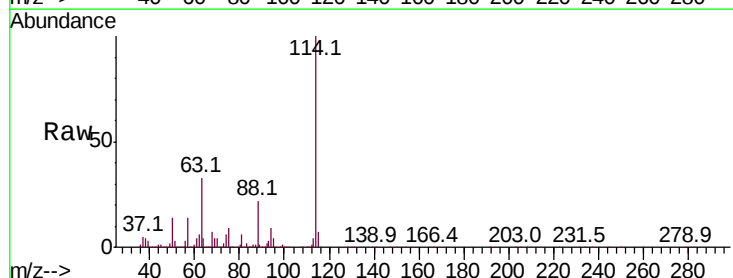
Tgt Ion:114 Resp: 3212663

Ion Ratio Lower Upper

114 100

63 32.1 24.7 37.1

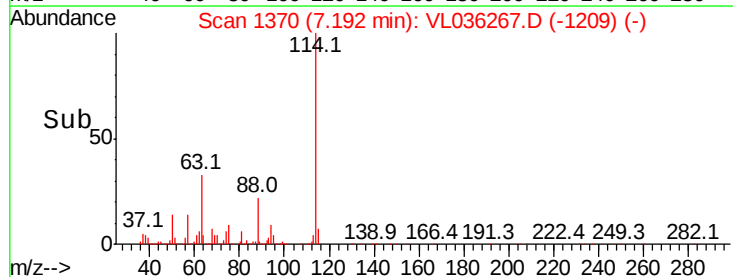
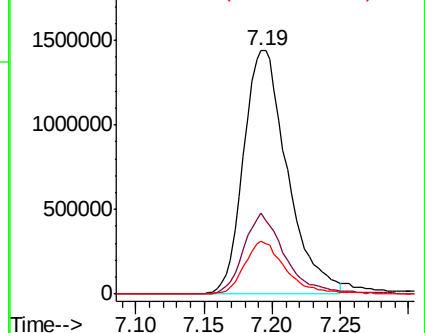
88 20.7 16.6 24.8

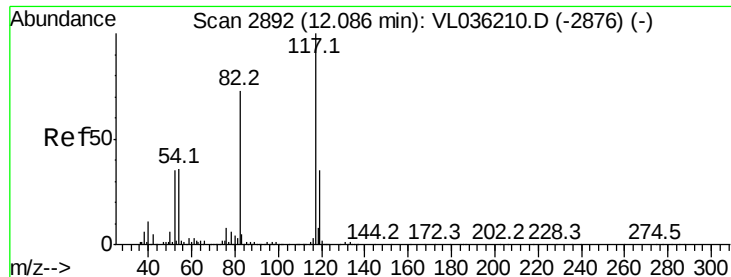


Abundance Ion 114.10 (113.80 to 114.80): VL0

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: 12.11 min Scan# 2899

Delta R.T. 0.02 min

Lab File: VL036267.D

Acq: 22 Jan 2021 15:15

Instrument :

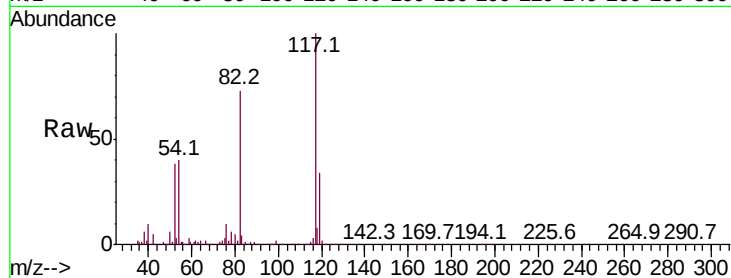
MSVOA_L

ClientSampleId :

QC010421 CAN 10334

Tot Ion:117 Resp: 2884461

Ion	Ratio	Lower	Upper
117	100		
82	78.2	59.7	89.5
119	34.4	28.6	43.0

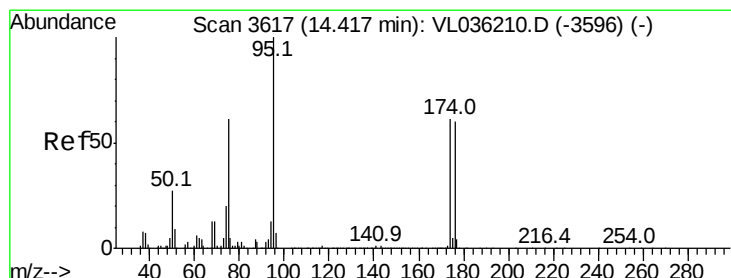
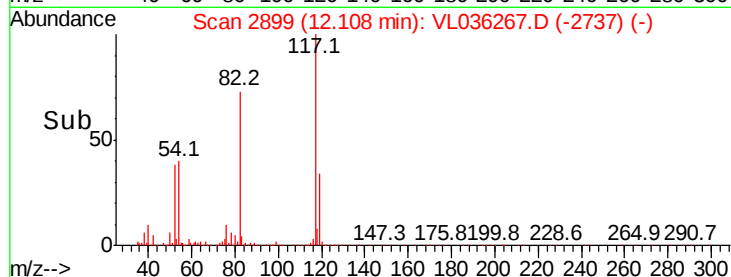
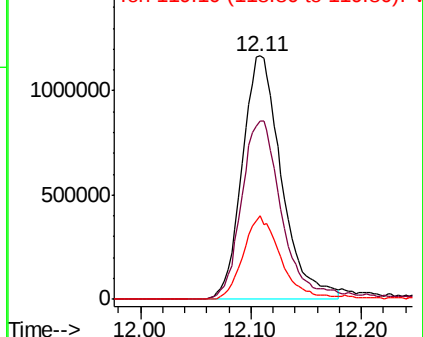


Abundance

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: 10.259 ppbv

RT: 14.44 min Scan# 3625

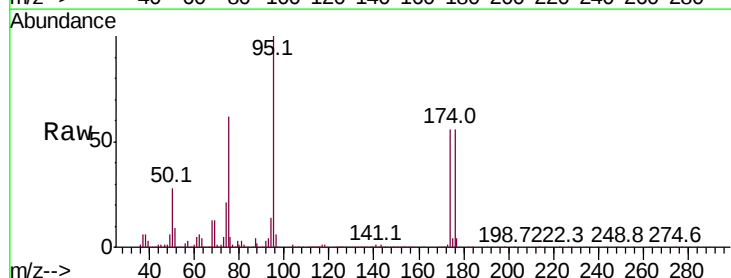
Delta R.T. 0.03 min

Lab File: VL036267.D

Acq: 22 Jan 2021 15:15

Tgt Ion: 95 Resp: 2449442

Ion	Ratio	Lower	Upper
95	100		
174	61.9	49.4	74.0
175	4.2	3.8	5.8



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

