

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032421\
Data File : VL036464.D
Acq On : 24 Mar 2021 12:09
Operator :
Sample : OC031821 CAN 10044
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC031821 CAN 10044

Quant Time: Mar 25 08:21:30 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 03 14:18:24 2021
QLast Update : Wed Mar 03 14:18:24 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1606768	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3479549	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3291364	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2555352	9.44	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.40%

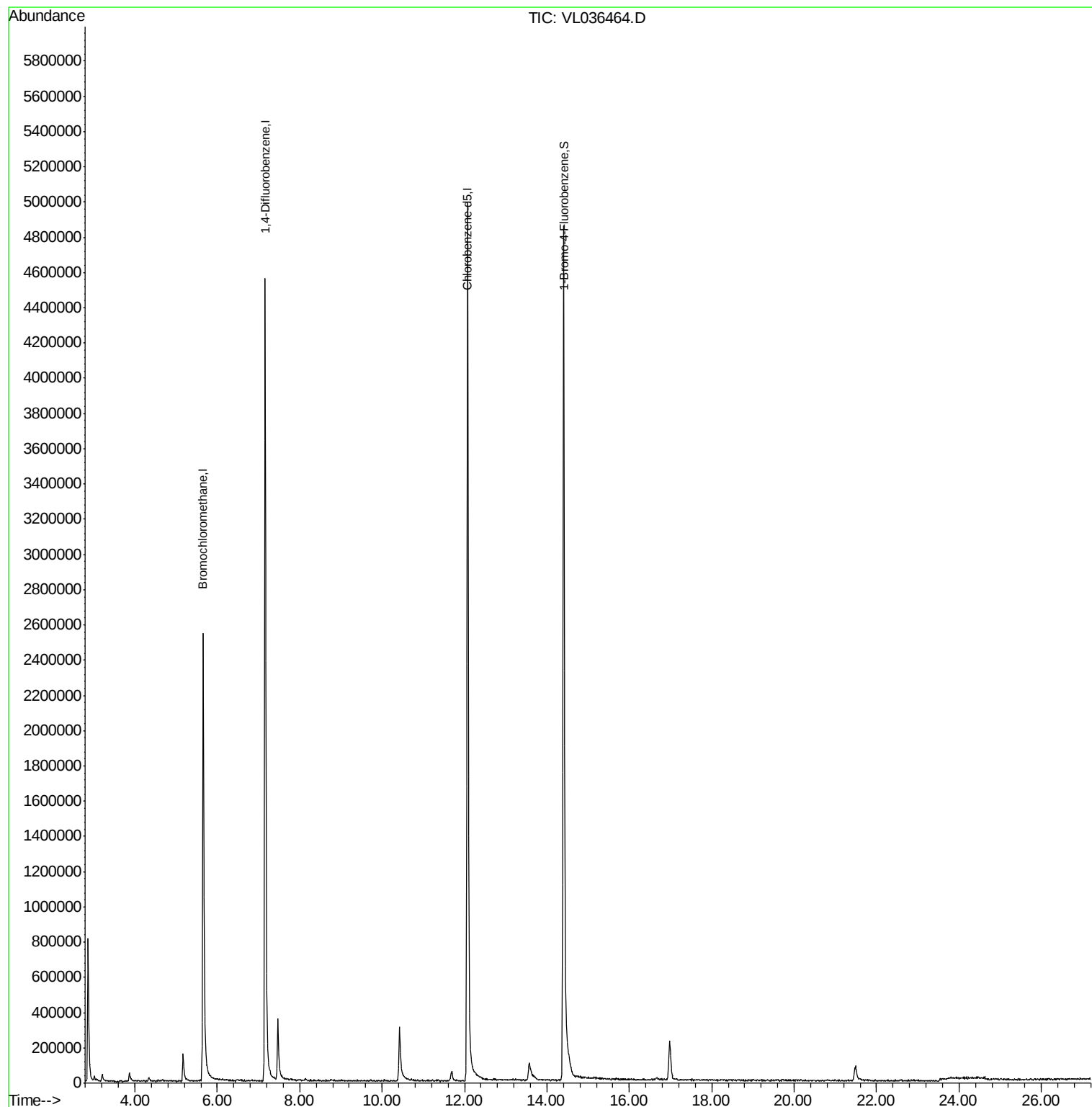
Target Compounds	Ovalue
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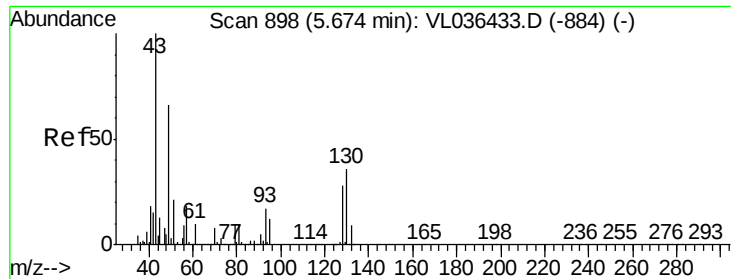
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2021 12:09

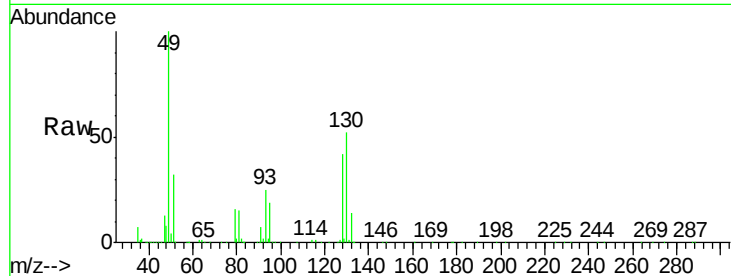
Tot Ion: 49 Resp: 1606768

Ion Ratio Lower Upper

49 100

128 42.2 22.4 67.2

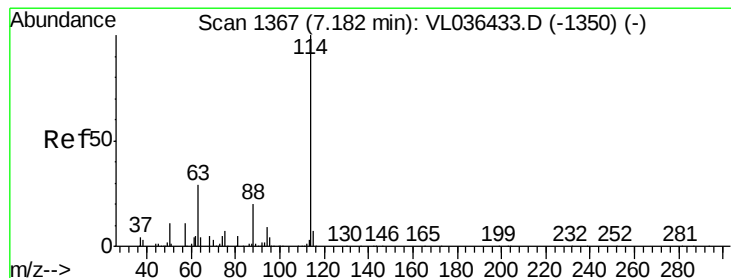
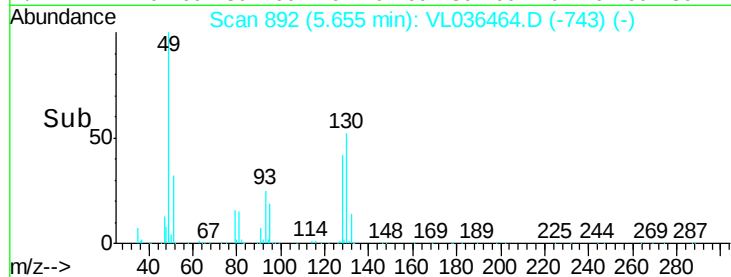
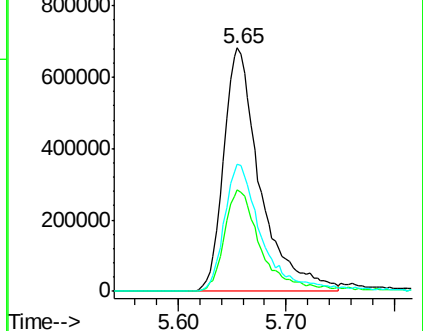
130 55.5 28.0 84.0



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: 7.16 min Scan# 1361

Delta R.T. -0.02 min

Lab File: VL036464.D

Acq: 24 Mar 2021 12:09

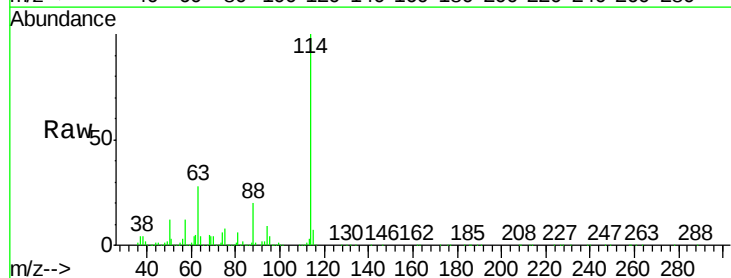
Tgt Ion: 114 Resp: 3479549

Ion Ratio Lower Upper

114 100

63 29.8 23.3 34.9

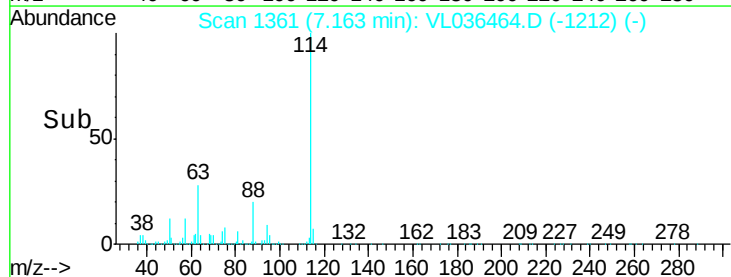
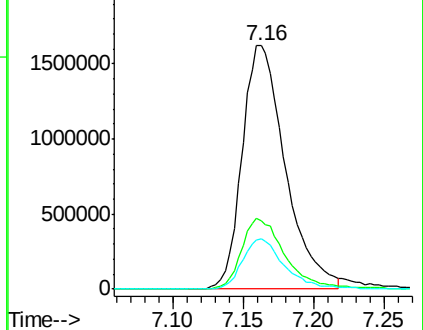
88 20.5 15.6 23.4

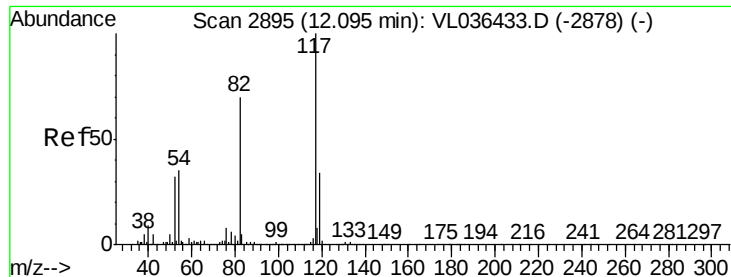


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

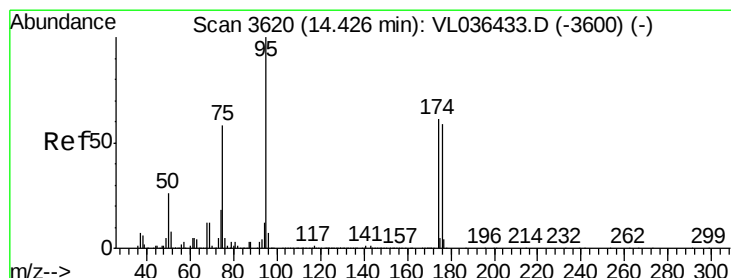
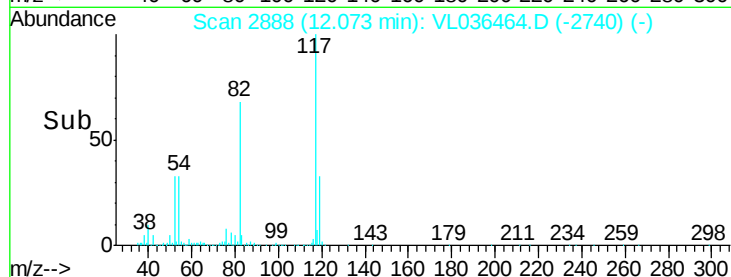
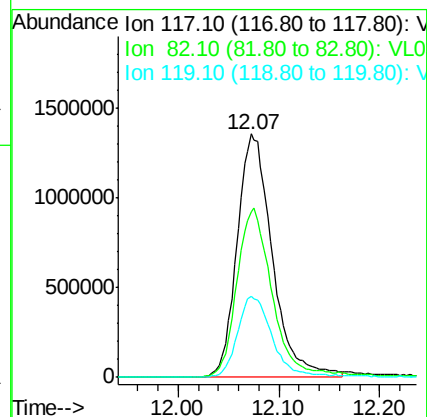
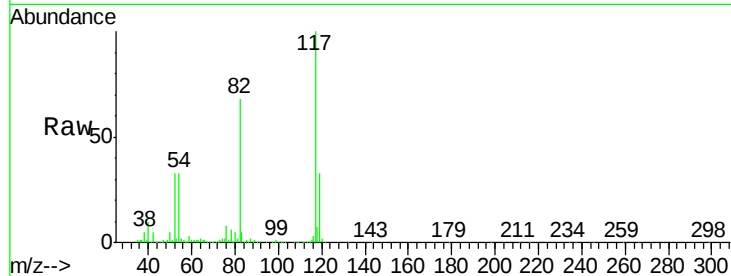




#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.07 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 OC031821 CAN 10044
 Acq: 24 Mar 2021 12:09

Tot Ion: 117 Resp: 3291364

Ion	Ratio	Lower	Upper
117	100		
82	71.9	56.5	84.7
119	33.5	27.0	40.4



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.441 ppbv
 RT: 14.40 min Scan# 3613
 Delta R.T.: -0.02 min
 Lab File: VL036464.D
 Acq: 24 Mar 2021 12:09

Tgt Ion: 95 Resp: 2555352

Ion	Ratio	Lower	Upper
95	100		
174	67.7	51.0	76.4
175	4.9	3.8	5.6

