

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032421\
Data File : VL036465.D
Acq On : 24 Mar 2021 12:47
Operator :
Sample : OC031821 CAN 10045
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC031821 CAN 10045

Quant Time: Mar 25 08:22:04 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	1599706	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3547111	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3307619	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2612788	9.61	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.10%

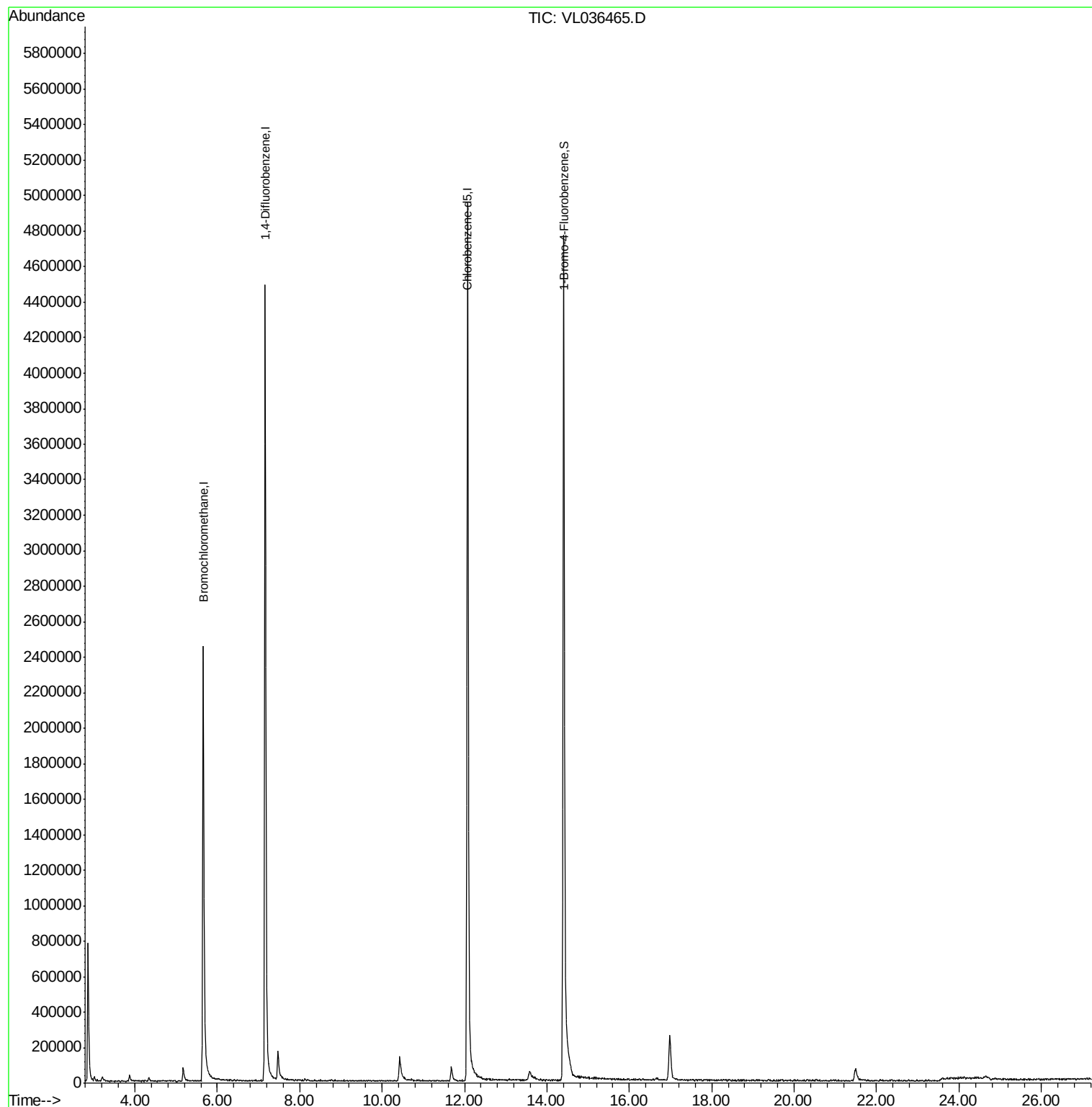
Target Compounds	Ovalue
------------------	--------

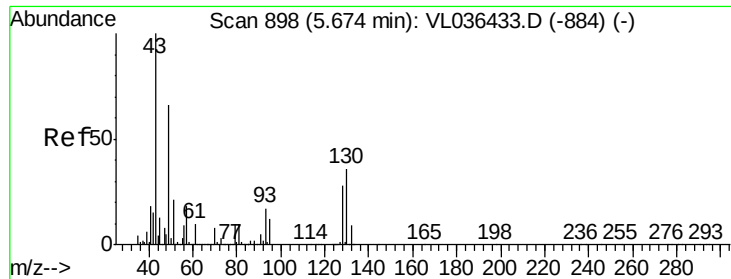
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL032421\
Data File : VL036465.D
Acq On : 24 Mar 2021 12:47
Operator :
Sample : OC031821 CAN 10045
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC031821 CAN 10045

Quant Time: Mar 25 08:22:04 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL030321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Mar 03 14:18:24 2021
QLast Update : Wed Mar 03 14:18:24 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: QC031821 CAN 10045

Acq: 24 Mar 2021 12:47

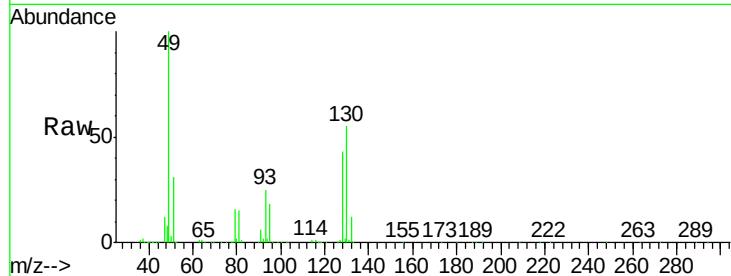
Tot Ion: 49 Resp: 1599706

Ion Ratio Lower Upper

49 100

128 43.1 22.4 67.2

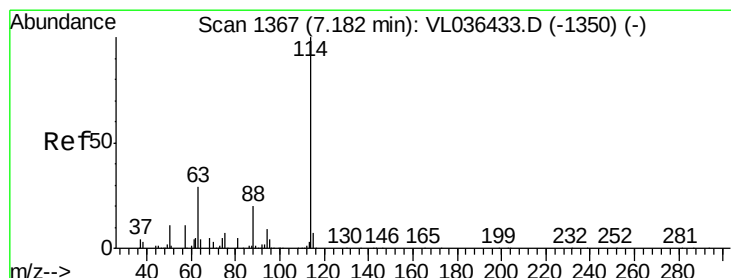
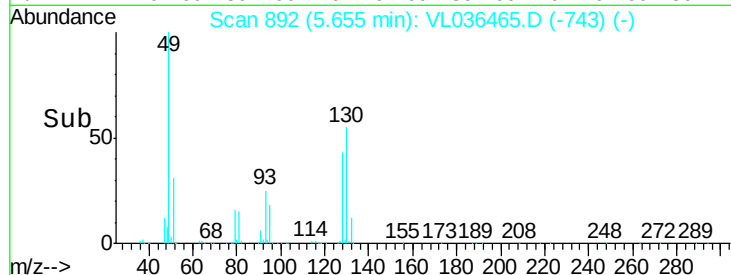
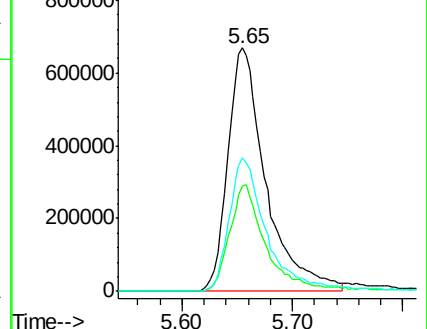
130 55.5 28.0 84.0



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# 1360

Delta R.T. -0.02 min

Lab File: VL036465.D

Acq: 24 Mar 2021 12:47

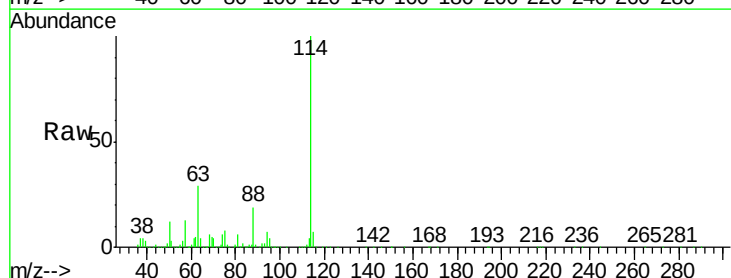
Tgt Ion: 114 Resp: 3547111

Ion Ratio Lower Upper

114 100

63 28.7 23.3 34.9

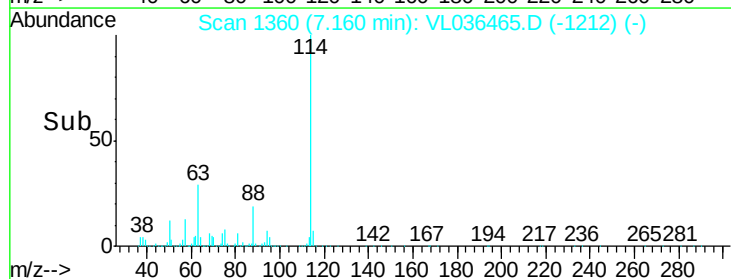
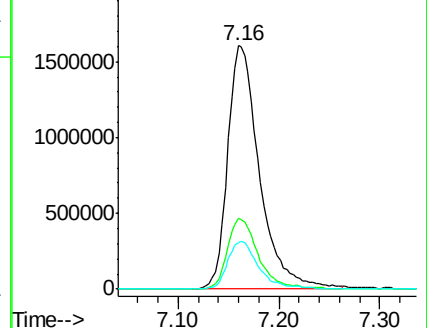
88 19.5 15.6 23.4

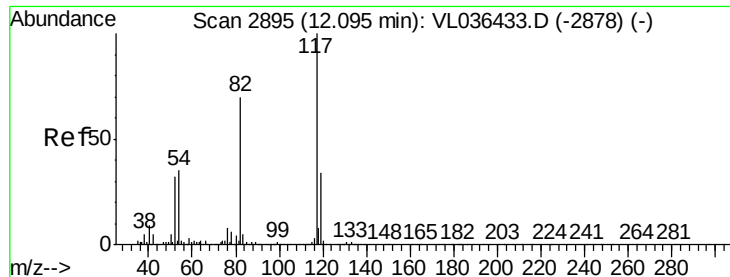


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

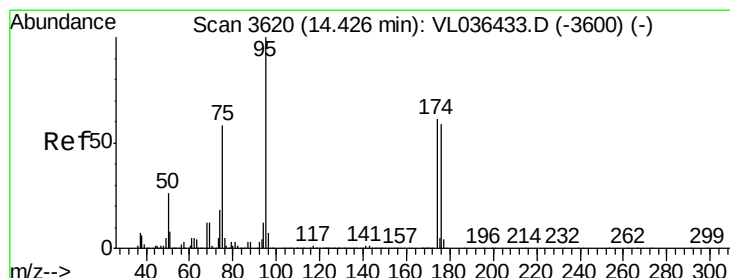
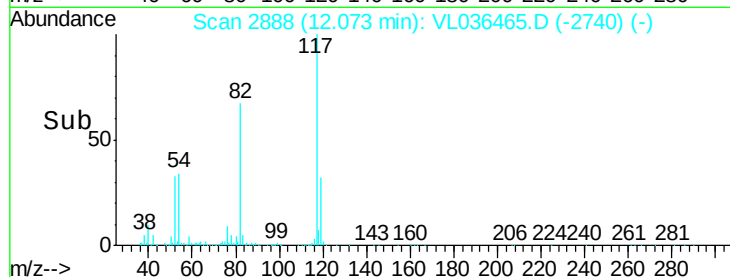
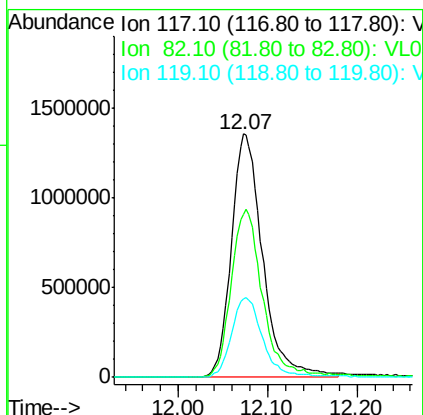
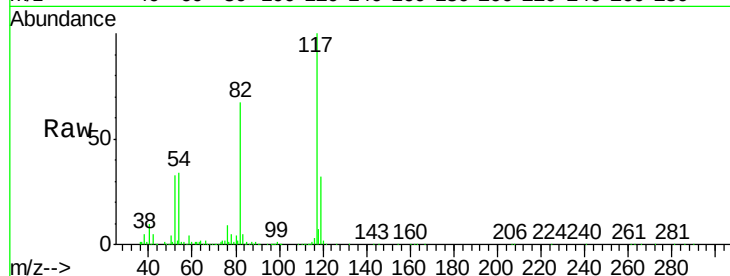
Ion 88.10 (87.80 to 88.80): VL0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 24 Mar 2021 12:47

Tot Ion: 117 Resp: 3307619
Ion Ratio Lower Upper
117 100
82 70.8 56.5 84.7
119 33.3 27.0 40.4



#68
1-Bromo-4-Fluorobenzene
Concen: 9.606 ppbv
RT: 14.41 min Scan# 3614
Delta R.T.: -0.02 min
Lab File: VL036465.D
Acq: 24 Mar 2021 12:47

Tgt Ion: 95 Resp: 2612788
Ion Ratio Lower Upper
95 100
174 65.8 51.0 76.4
175 4.7 3.8 5.6

