

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050621\
 Data File : VL036898.D
 Acq On : 6 May 2021 11:45
 Operator : SY/AP
 Sample : QC042021 CAN 10111
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC042021 CAN 10111

Quant Time: May 07 15:43:27 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LTue Apr 27 16:56:35 2021
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1361629	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3166490	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2795610	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2219544	9.89	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.90%

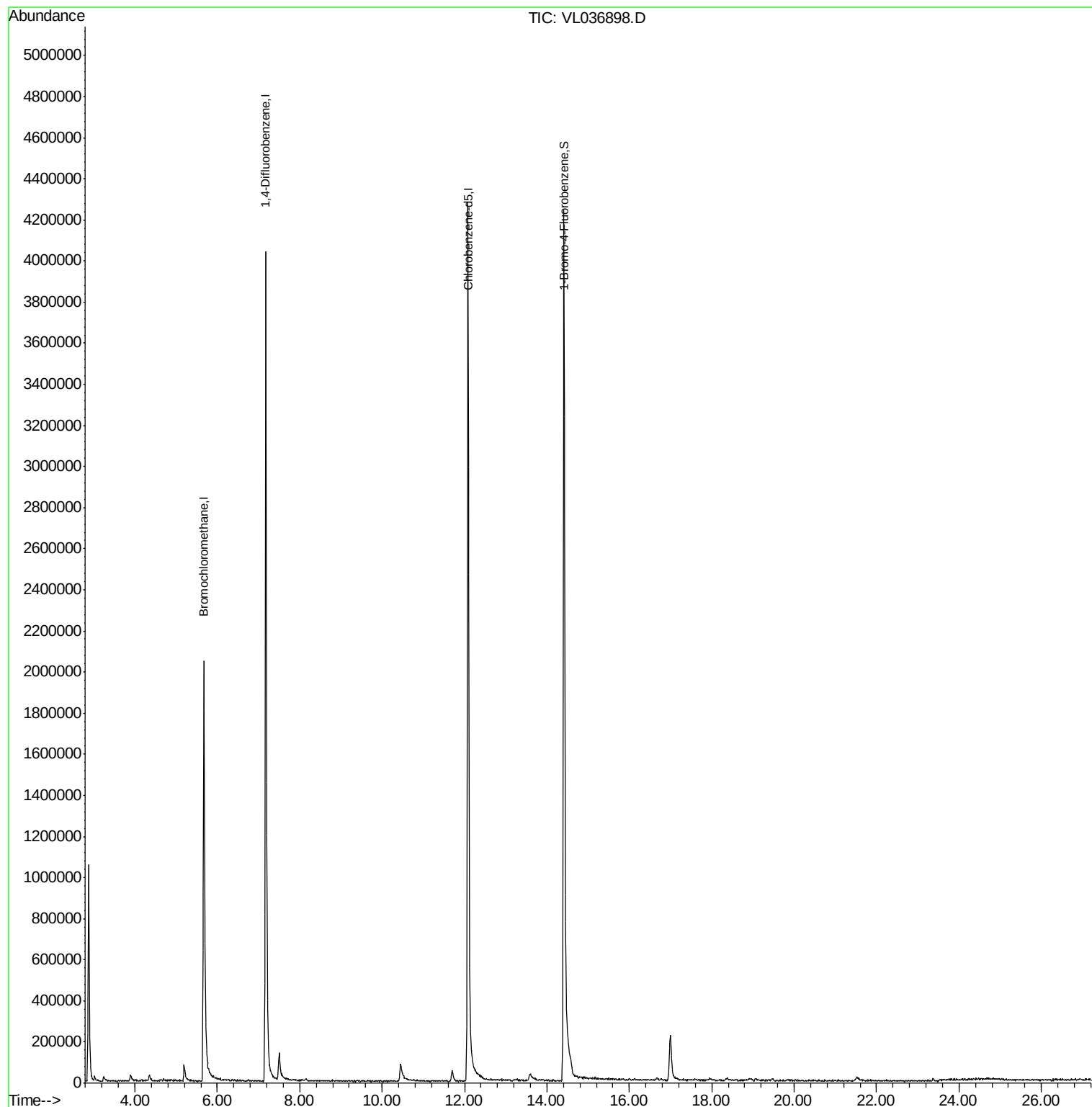
Target Compounds	Ovalue

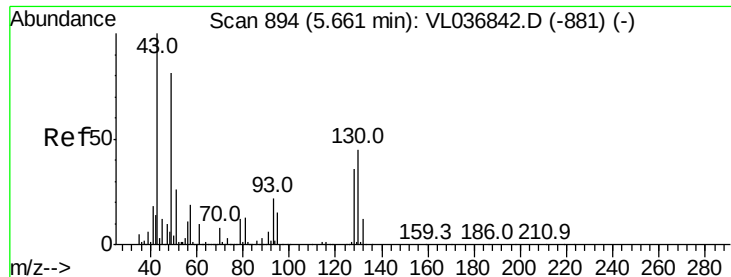
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 07 15:43:27 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: OC042021 CAN 10111

Acq: 6 May 2021 11:45

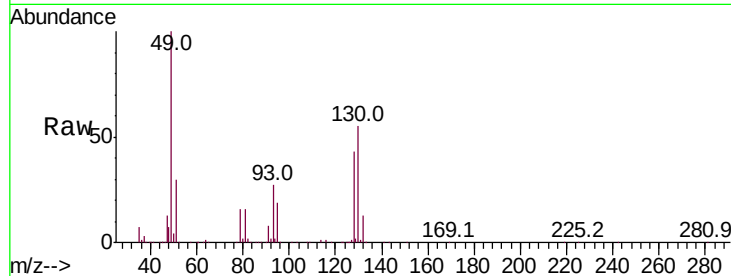
Tot Ion: 49 Resp: 1361629

Ion Ratio Lower Upper

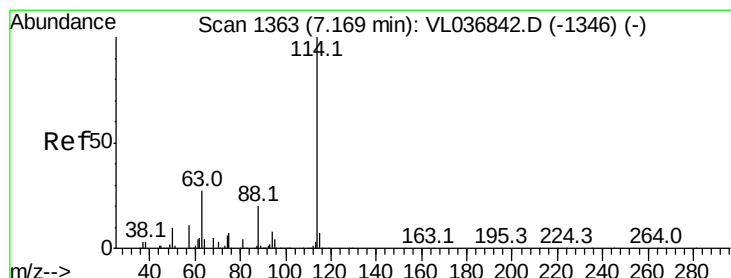
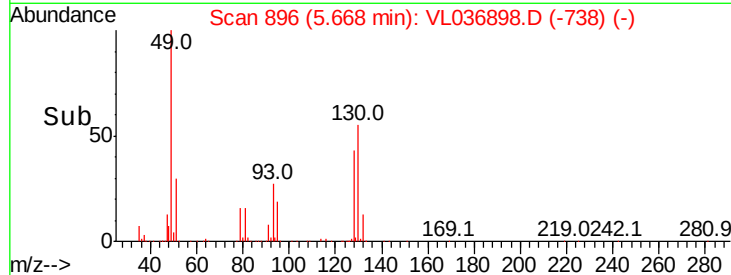
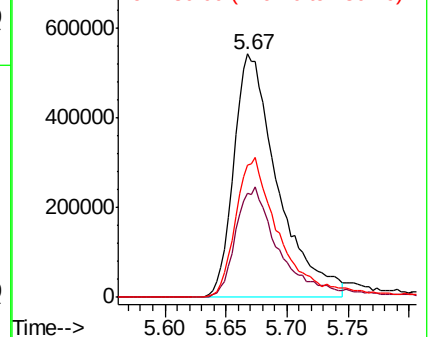
49 100

128 46.6 24.4 73.2

130 59.0 30.3 90.8



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: 7.18 min Scan# 1365

Delta R.T. 0.01 min

Lab File: VL036898.D

Acq: 6 May 2021 11:45

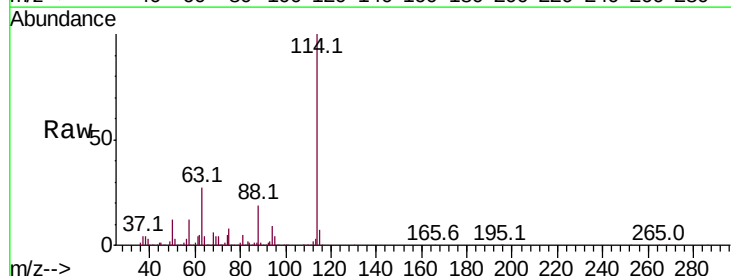
Tgt Ion: 114 Resp: 3166490

Ion Ratio Lower Upper

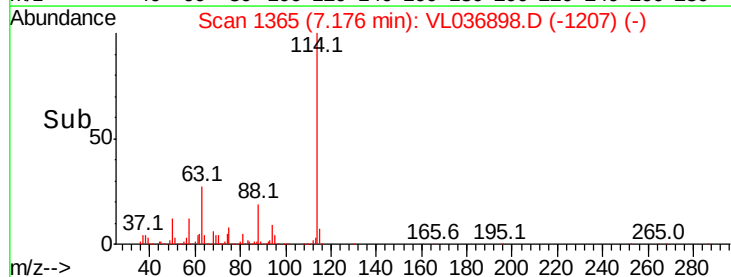
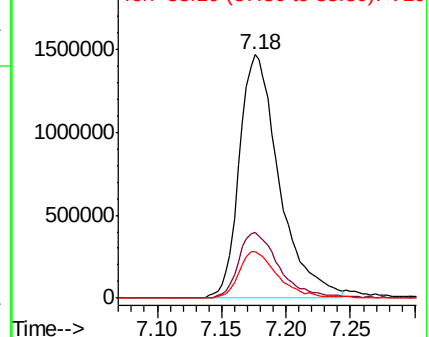
114 100

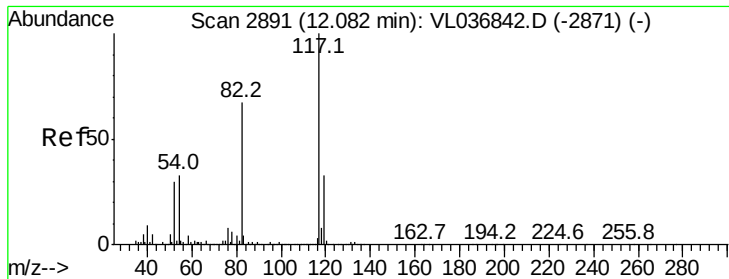
63 28.3 21.9 32.9

88 19.2 15.1 22.7



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

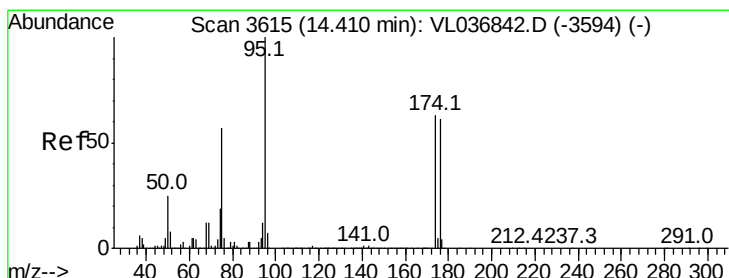
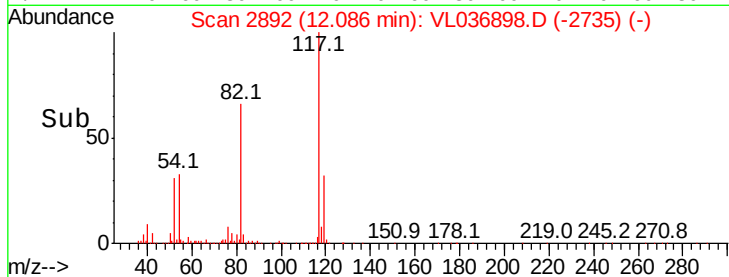
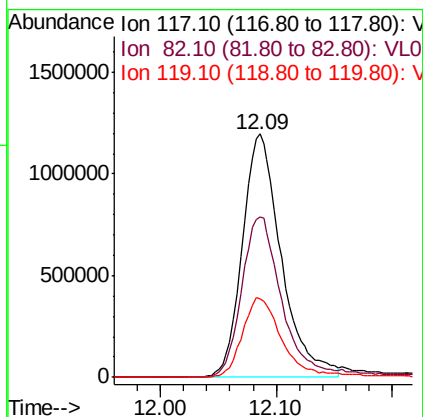
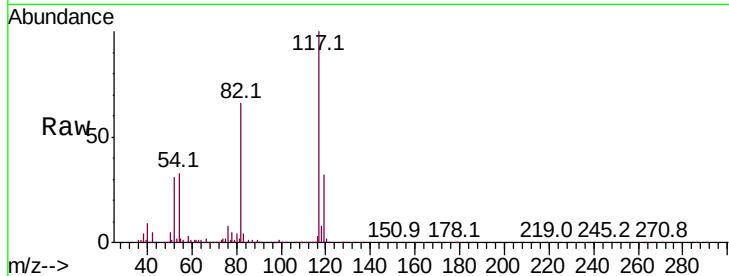




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
OC042021 CAN 10111
Acq: 6 May 2021 11:45

Tot Ion: 117 Resp: 2795610

Ion	Ratio	Lower	Upper
117	100		
82	72.0	53.5	80.3
119	34.4	25.6	38.4



#68
1-Bromo-4-Fluorobenzene
Concen: 9.890 ppbv
RT: 14.41 min Scan# 3616
Delta R.T.: 0.00 min
Lab File: VL036898.D
Acq: 6 May 2021 11:45

Tgt Ion: 95 Resp: 2219544

Ion	Ratio	Lower	Upper
95	100		
174	67.2	52.2	78.2
175	4.7	4.0	6.0

