

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111821\
Data File : VL038058.D
Acq On : 18 Nov 2021 17:55
Operator : SY/AP
Sample : OC111021 CAN 10060
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC111021 CAN 10060

Quant Time: Nov 19 07:51:41 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Nov 18 13:16:09 2021
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	890538	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2548535	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2113168	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1487935	9.76	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.60%

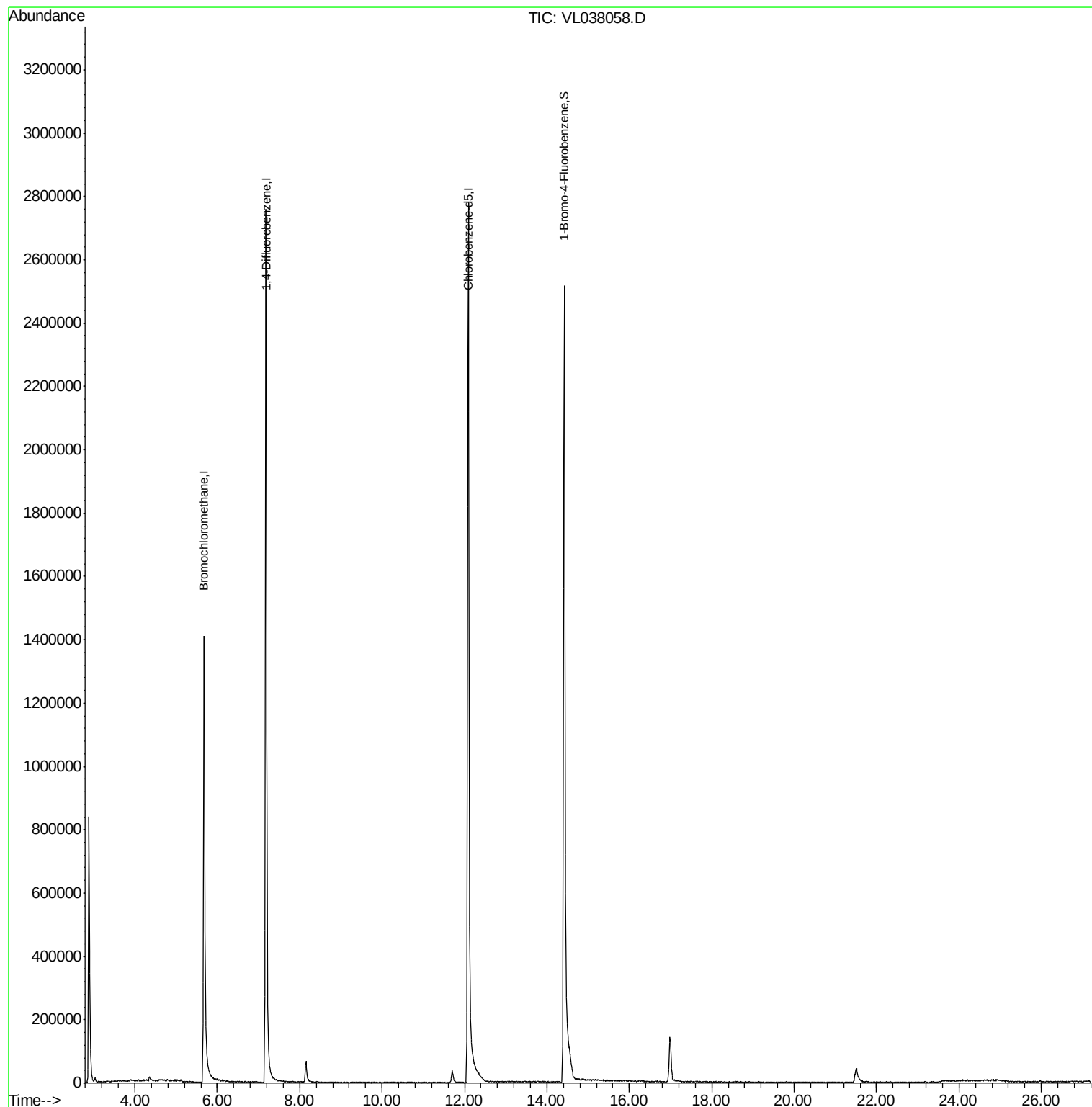
Target Compounds	Ovalue
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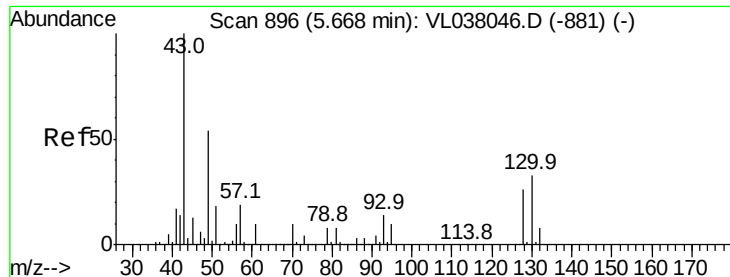
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

OC111021 CAN 10060

Acq: 18 Nov 2021 17:55

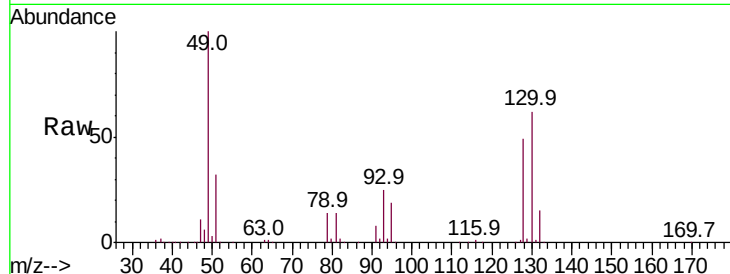
Tot Ion: 49 Resp: 890538

Ion Ratio Lower Upper

49 100

128 51.2 26.5 79.5

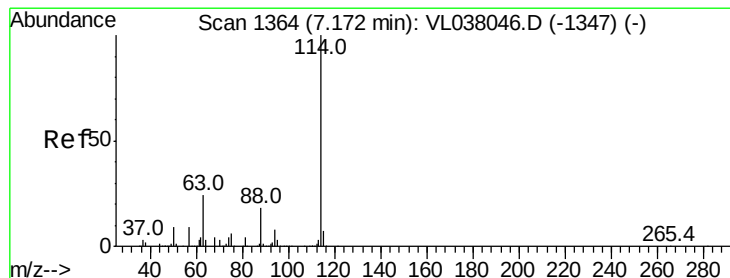
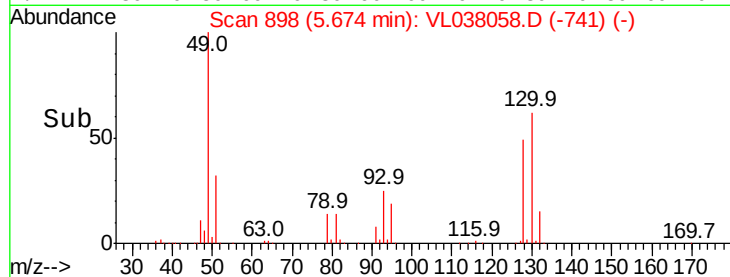
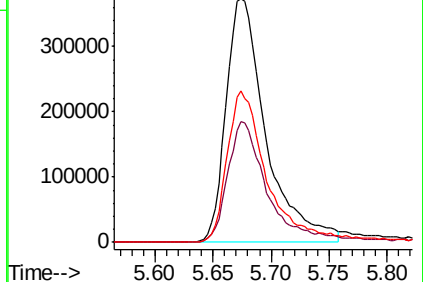
130 64.1 32.5 97.4



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: 7.18 min Scan# 1367

Delta R.T. 0.01 min

Lab File: VL038058.D

Acq: 18 Nov 2021 17:55

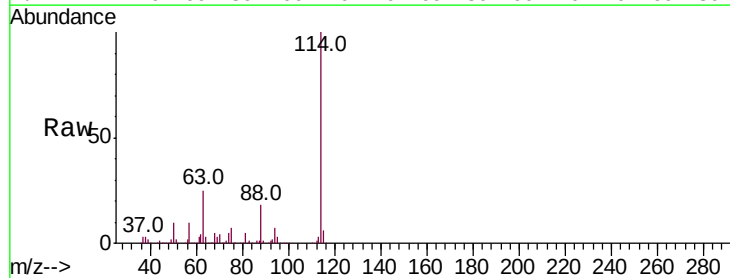
Tgt Ion:114 Resp: 2548535

Ion Ratio Lower Upper

114 100

63 24.7 19.7 29.5

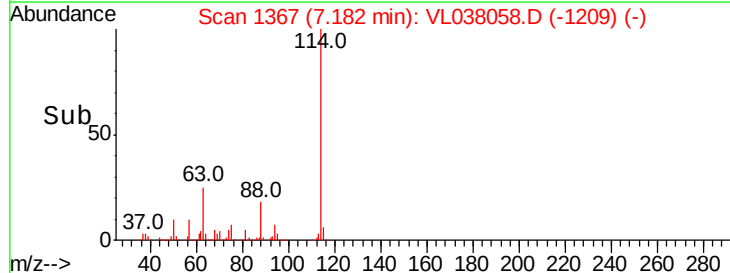
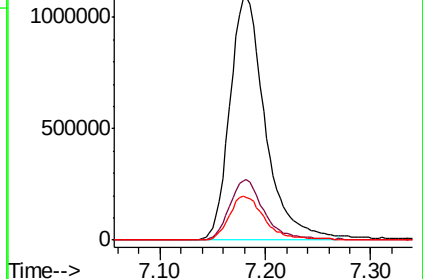
88 18.5 14.4 21.6

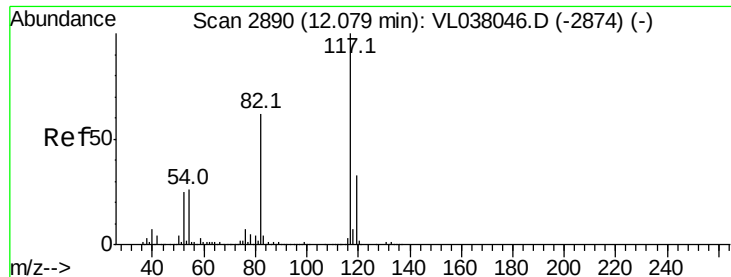


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

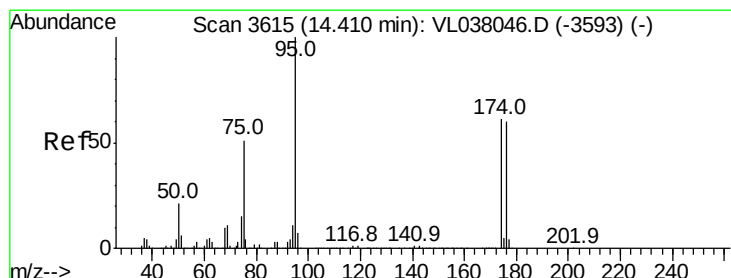
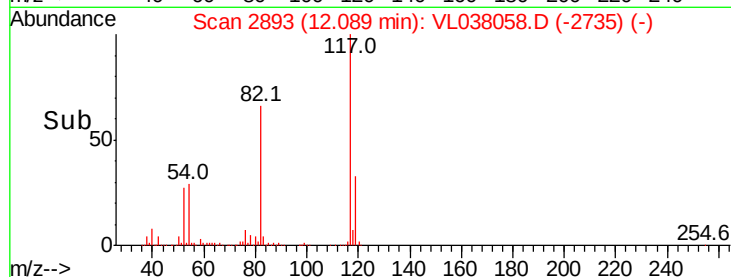
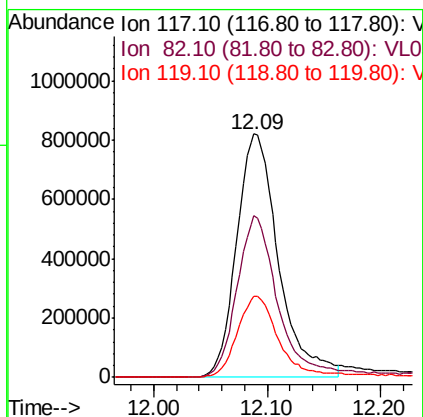
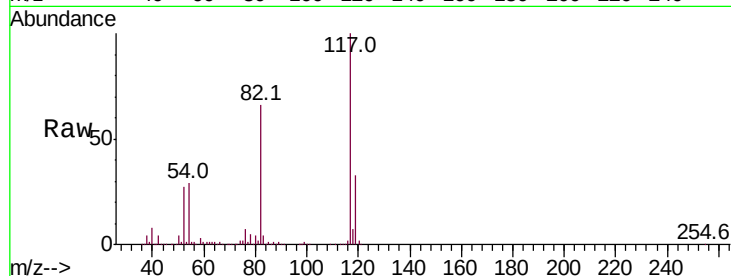




#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 OC111021 CAN 10060
 Acq: 18 Nov 2021 17:55

Tot Ion:117 Resp: 2113168

Ion	Ratio	Lower	Upper
117	100		
82	68.1	52.8	79.2
119	34.2	26.8	40.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.762 ppbv
 RT: 14.42 min Scan# 3617
 Delta R.T.: 0.01 min
 Lab File: VL038058.D
 Acq: 18 Nov 2021 17:55

Tgt Ion: 95 Resp: 1487935

Ion	Ratio	Lower	Upper
95	100		
174	69.7	53.1	79.7
175	4.8	4.0	6.0

