

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102021\
Data File : VL037880.D
Acq On : 20 Oct 2021 10:11
Operator : SY/AP
Sample : CAN 10281
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10281

Quant Time: Oct 25 11:37:53 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 04 17:43:54 2021
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1142933	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3317492	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2792283	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1968730	10.08	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.80%

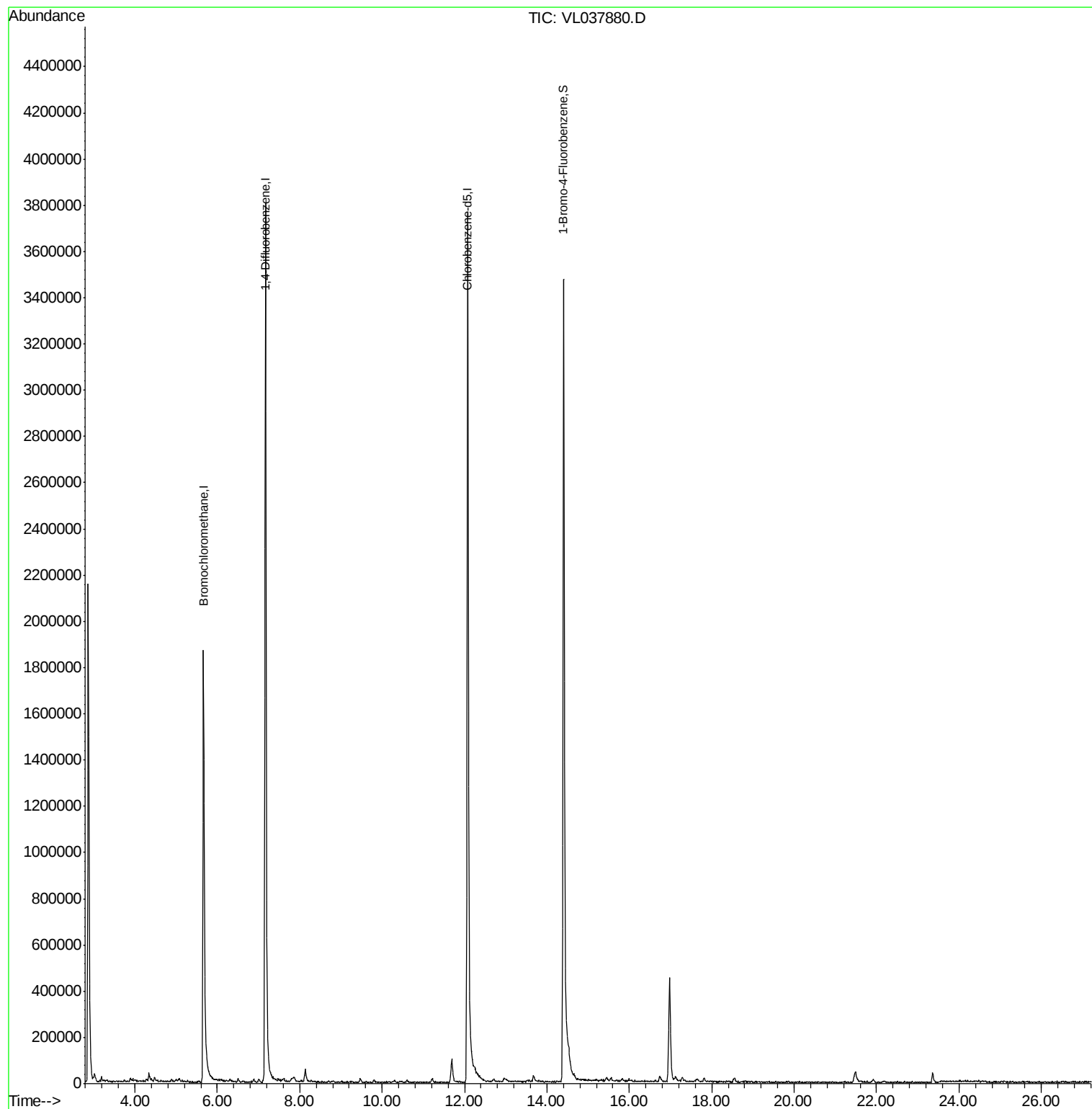
Target Compounds	Ovalue
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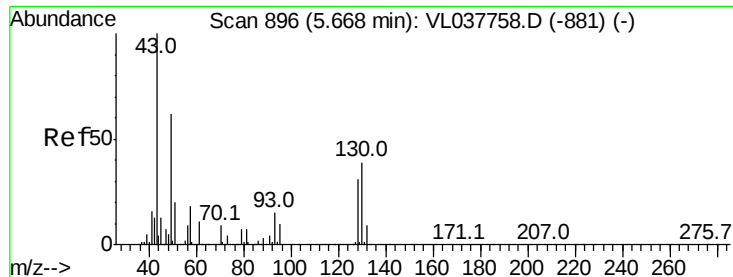
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: CAN 10281

Acq: 20 Oct 2021 10:11

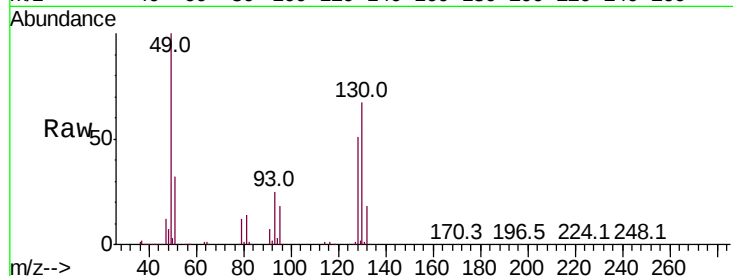
Tot Ion: 49 Resp: 1142933

Ion Ratio Lower Upper

49 100

128 53.7 27.1 81.3

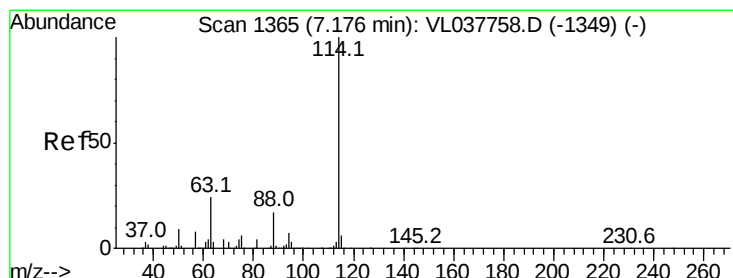
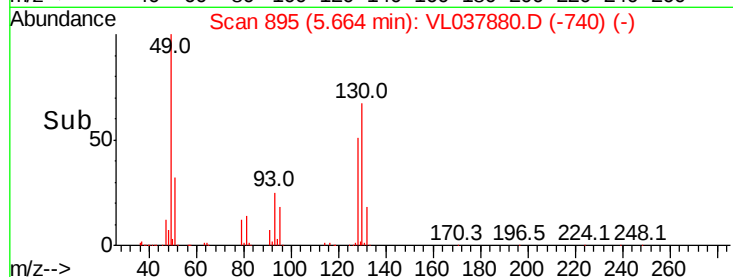
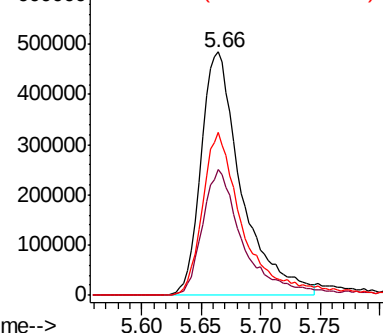
130 69.9 33.2 99.6



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: 7.17 min Scan# 1363

Delta R.T. -0.01 min

Lab File: VL037880.D

Acq: 20 Oct 2021 10:11

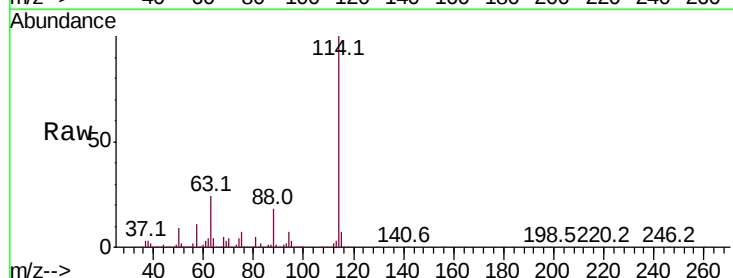
Tgt Ion:114 Resp: 3317492

Ion Ratio Lower Upper

114 100

63 23.7 19.4 29.2

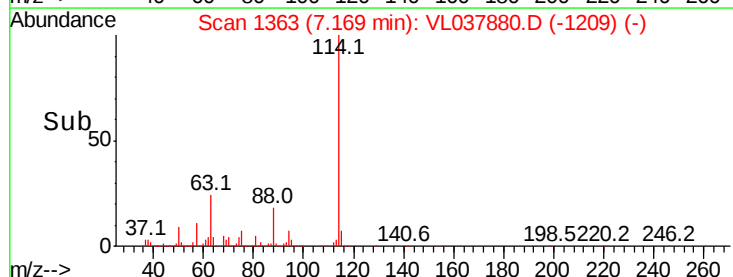
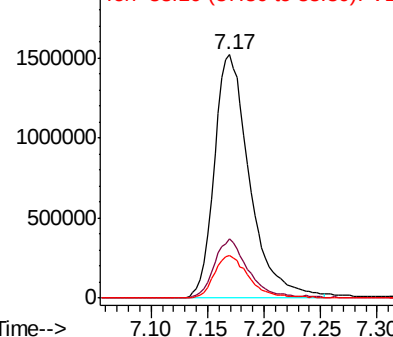
88 17.4 14.4 21.6

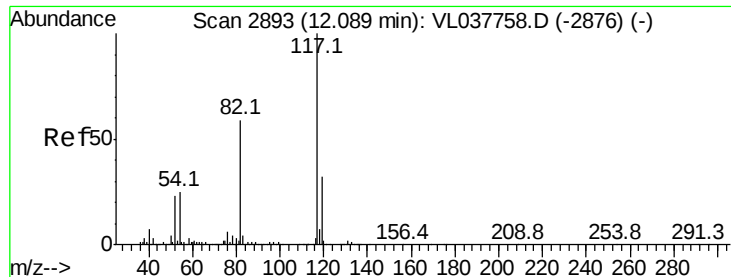


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

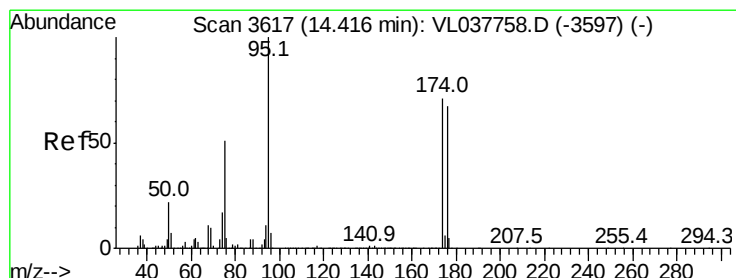
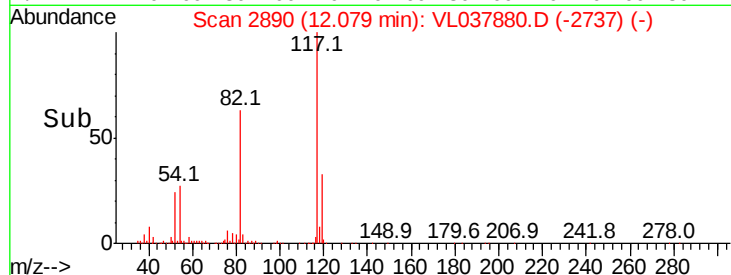
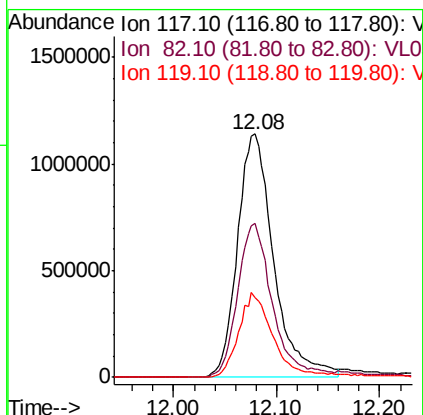
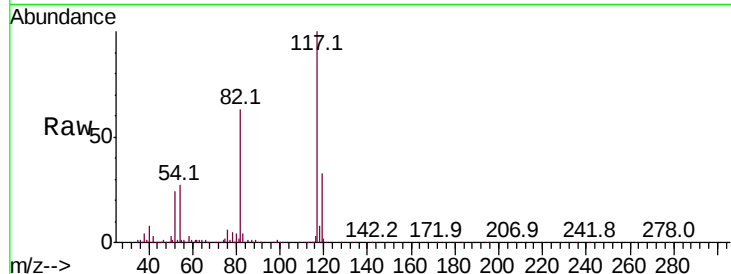




#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 20 Oct 2021 10:11

Tot Ion: 117 Resp: 2792283

Ion	Ratio	Lower	Upper
117	100		
82	64.5	52.2	78.2
119	34.2	26.0	39.0



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.082 ppbv
 RT: 14.41 min Scan# 3614
 Delta R.T.: -0.01 min
 Lab File: VL037880.D
 Acq: 20 Oct 2021 10:11

Tgt Ion: 95 Resp: 1968730

Ion	Ratio	Lower	Upper
95	100		
174	74.7	57.8	86.6
175	5.2	4.7	7.1

