

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040722\
 Data File : VL038837.D
 Acq On : 7 Apr 2022 12:20
 Operator : SY/AP
 Sample : QC040622 CAN 10271
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC040622 CAN 10271

Quant Time: Apr 08 05:24:11 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
 QLast Update : Wed Apr 06 06:12:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.680	49	1267036	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.185	114	3379870	10.000	ppbv	0.01
55) Chlorobenzene-d5	12.092	117	2906518	10.000	ppbv	0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.423	95	2250001	10.206	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.100%

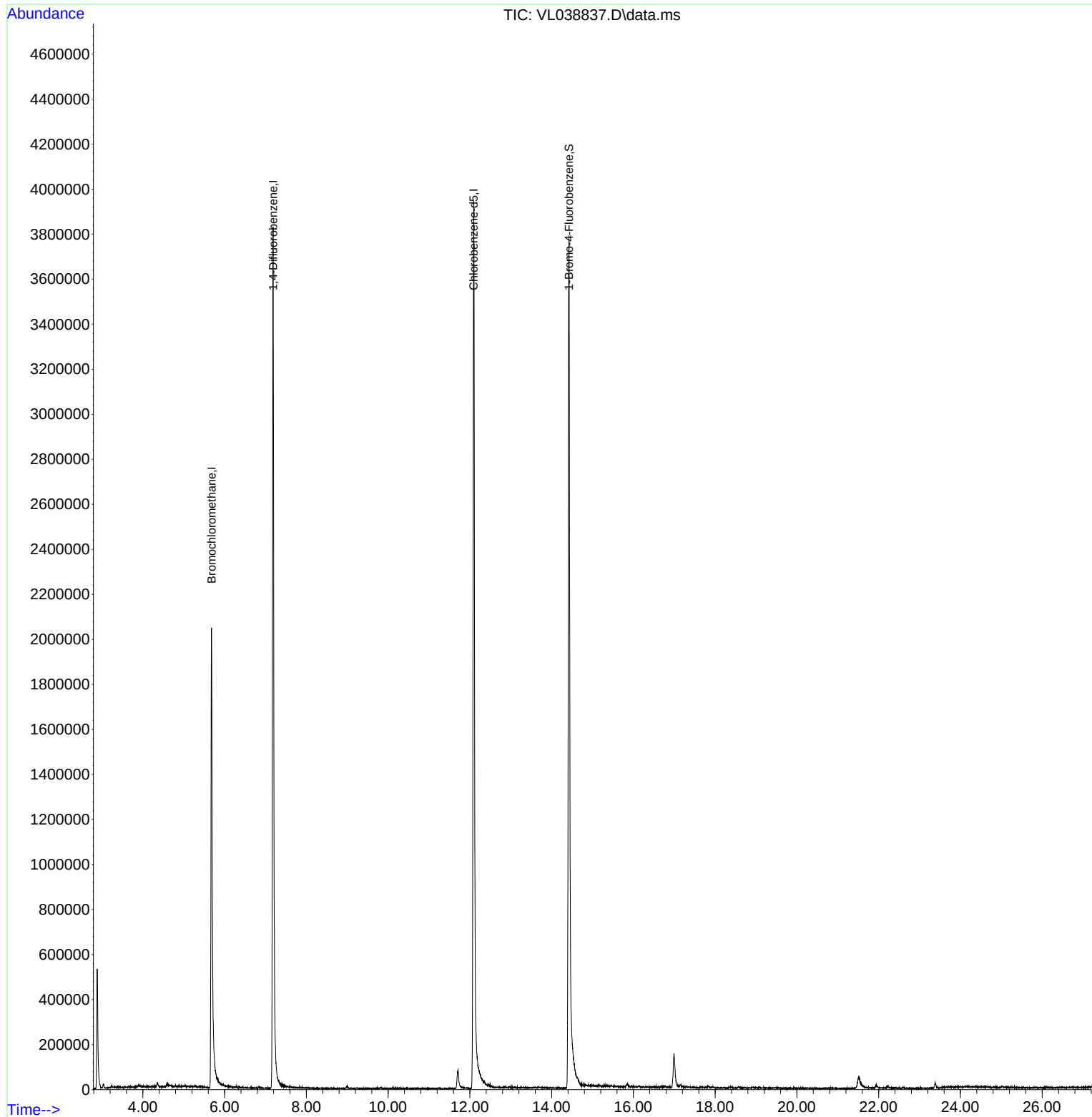
Target Compounds	Qvalue

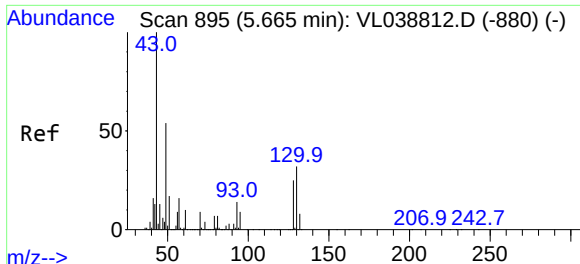
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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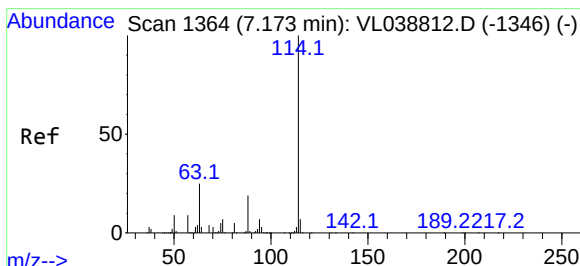
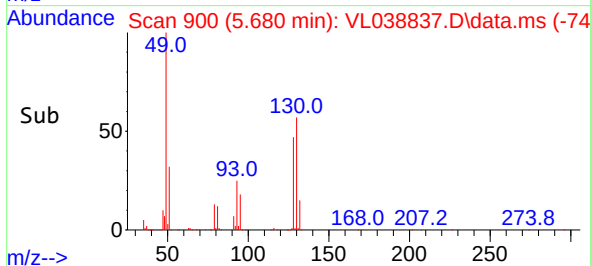
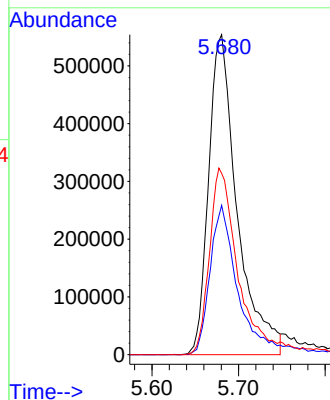
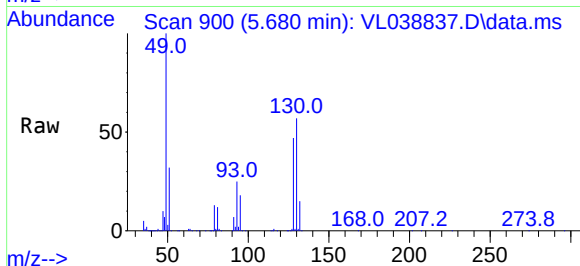


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.680 min Scan# 90
Delta R.T. 0.016 min
Lab File: VL038837.D
Acq: 7 Apr 2022 12:20

Instrument :
MSVOA_L
ClientSampleId :
QC040622 CAN 10271

Tgt Ion: 49 Resp: 1267036

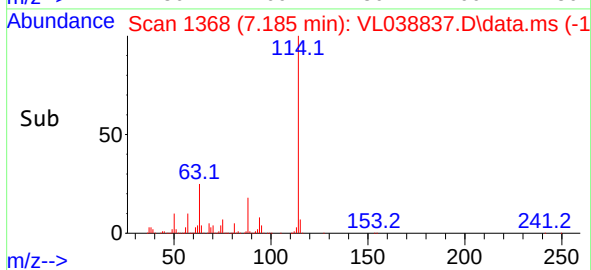
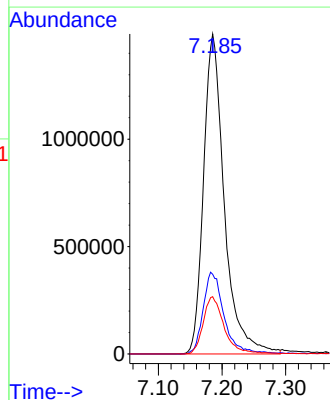
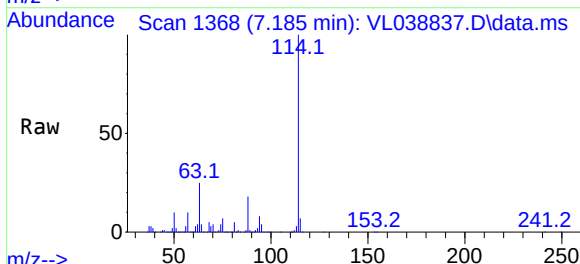
Ion	Ratio	Lower	Upper
49	100		
128	47.4	24.1	72.3
130	61.1	30.9	92.8

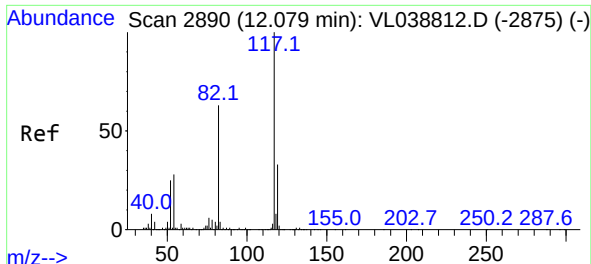


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.185 min Scan# 1368
Delta R.T. 0.013 min
Lab File: VL038837.D
Acq: 7 Apr 2022 12:20

Tgt Ion: 114 Resp: 3379870

Ion	Ratio	Lower	Upper
114	100		
63	25.8	19.8	29.8
88	18.3	14.2	21.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.092 min Scan# 21

Delta R.T. 0.013 min

Lab File: VL038837.D

Acq: 7 Apr 2022 12:20

Instrument :

MSVOA_1

ClientSampleId :

QC040622 CAN 10271

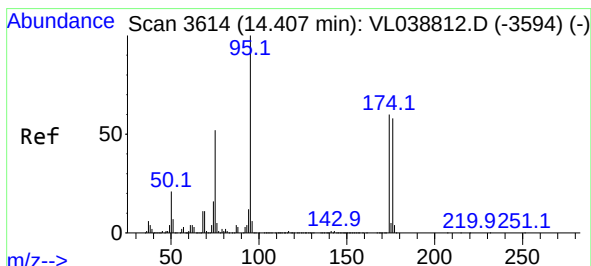
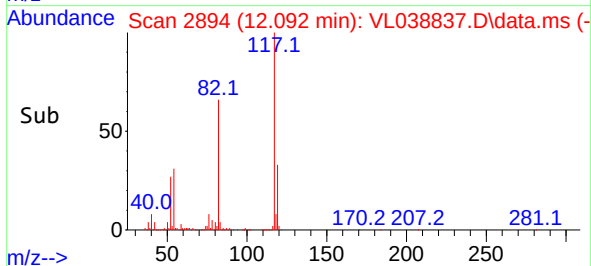
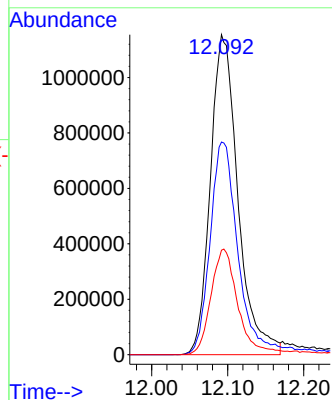
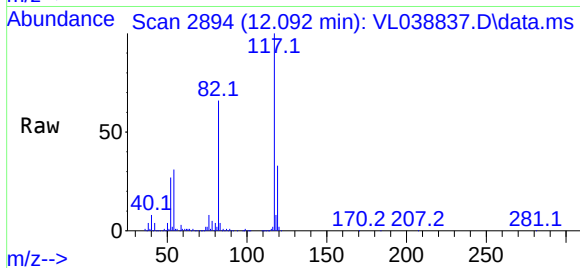
Tgt Ion:117 Resp: 2906518

Ion Ratio Lower Upper

117 100

82 70.3 53.0 79.6

119 34.0 24.9 37.3



#68

1-Bromo-4-Fluorobenzene

Concen: 10.206 ppbv

RT: 14.423 min Scan# 3619

Delta R.T. 0.016 min

Lab File: VL038837.D

Acq: 7 Apr 2022 12:20

Tgt Ion: 95 Resp: 2250001

Ion Ratio Lower Upper

95 100

174 62.9 52.0 78.0

175 4.5 4.0 6.0

