

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040522\
 Data File : VL038824.D
 Acq On : 6 Apr 2022 8:27
 Operator : SY/AP
 Sample : QC040522 CAN10315
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC040522 CAN10315

Quant Time: Apr 07 03:11:30 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	5.681	49	1417372	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.185	114	3928138	10.000	ppbv	0.01
55) Chlorobenzene-d5	12.095	117	3359146	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.426	95	2612025	10.251	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.500%

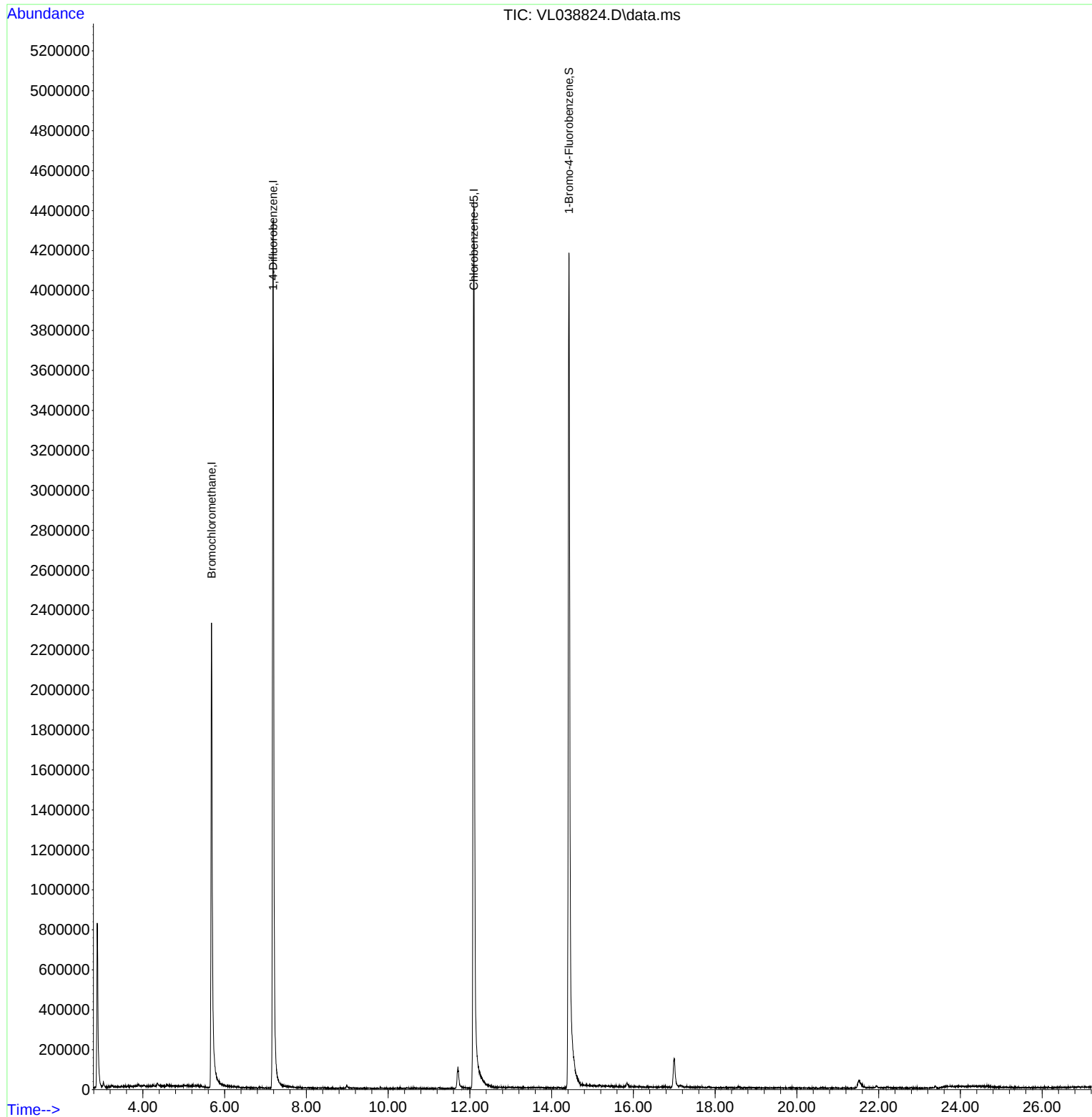
Target Compounds	Qvalue

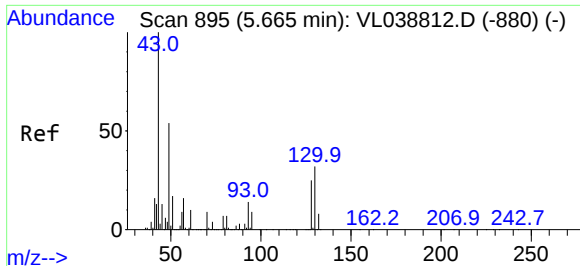
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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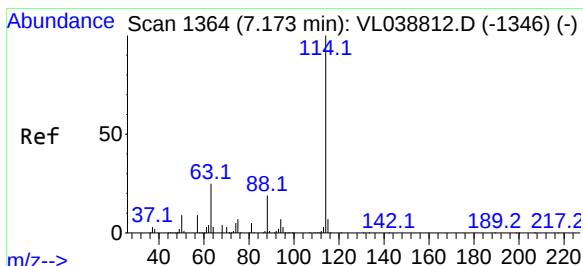
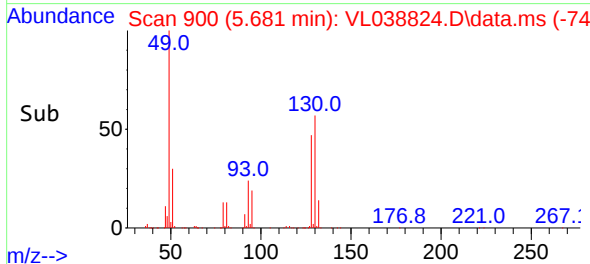
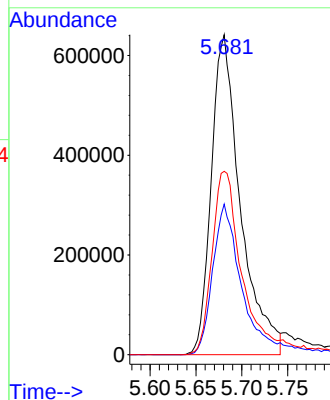
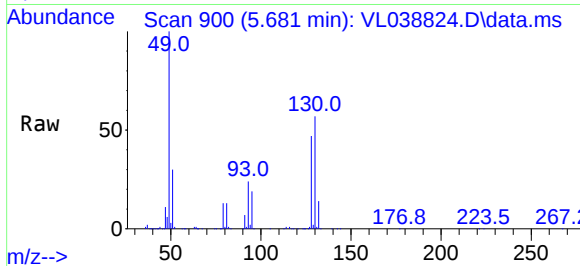


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.681 min Scan# 90
 Delta R.T. 0.016 min
 Lab File: VL038824.D
 Acq: 6 Apr 2022 8:27

Instrument :
 MSVOA_L
 ClientSampleId :
 QC040522 CAN10315

Tgt Ion: 49 Resp: 1417372

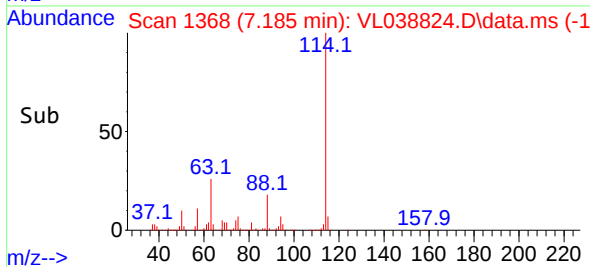
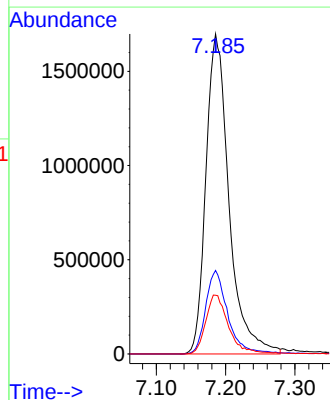
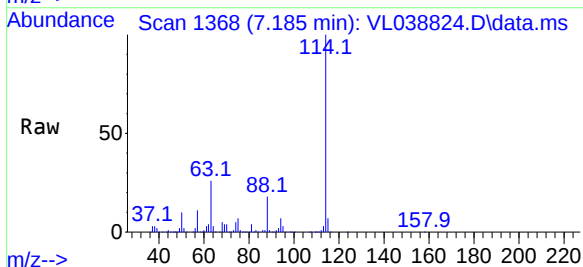
Ion	Ratio	Lower	Upper
49	100		
128	50.5	24.1	72.3
130	63.8	30.9	92.8

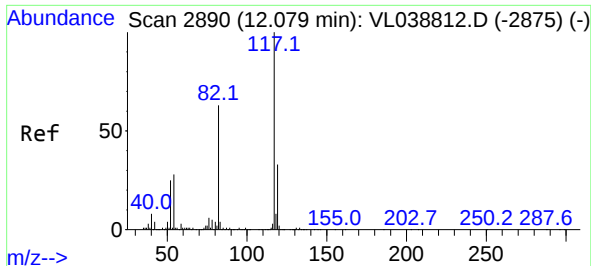


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.185 min Scan# 1368
 Delta R.T. 0.013 min
 Lab File: VL038824.D
 Acq: 6 Apr 2022 8:27

Tgt Ion: 114 Resp: 3928138

Ion	Ratio	Lower	Upper
114	100		
63	25.3	19.8	29.8
88	18.5	14.2	21.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.095 min Scan# 21

Delta R.T. 0.016 min

Lab File: VL038824.D

Acq: 6 Apr 2022 8:27

Instrument :

MSVOA_1

ClientSampleId :

QC040522 CAN10315

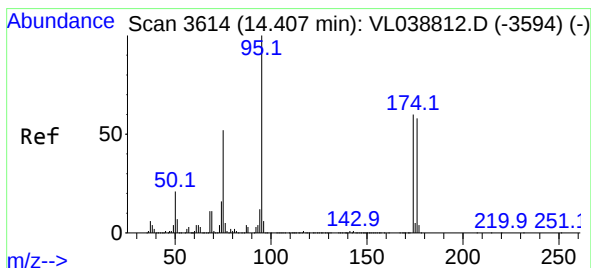
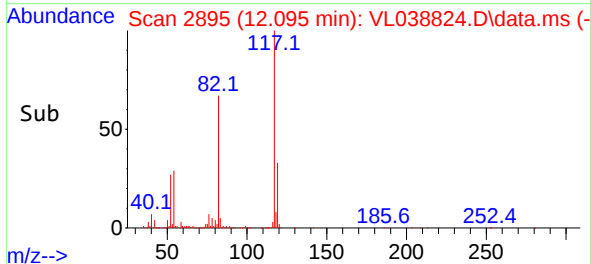
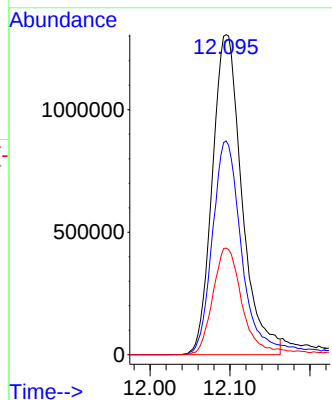
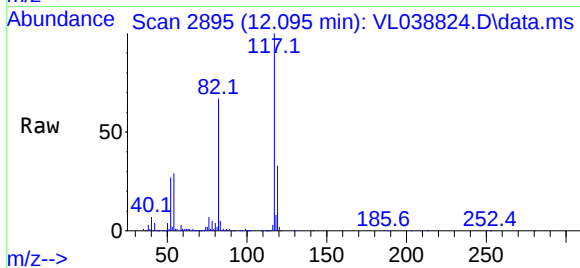
Tgt Ion:117 Resp: 3359146

Ion Ratio Lower Upper

117 100

82 70.0 53.0 79.6

119 34.2 24.9 37.3



#68

1-Bromo-4-Fluorobenzene

Concen: 10.251 ppbv

RT: 14.426 min Scan# 3620

Delta R.T. 0.019 min

Lab File: VL038824.D

Acq: 6 Apr 2022 8:27

Tgt Ion: 95 Resp: 2612025

Ion Ratio Lower Upper

95 100

174 64.0 52.0 78.0

175 4.4 4.0 6.0

