

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041122\
 Data File : VL038885.D
 Acq On : 12 Apr 2022 8:38
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Apr 13 06:43:51 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	5.661	49	193641	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.166	114	3040081	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.076	117	2721321	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.404	95	2089038	10.120	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.200%

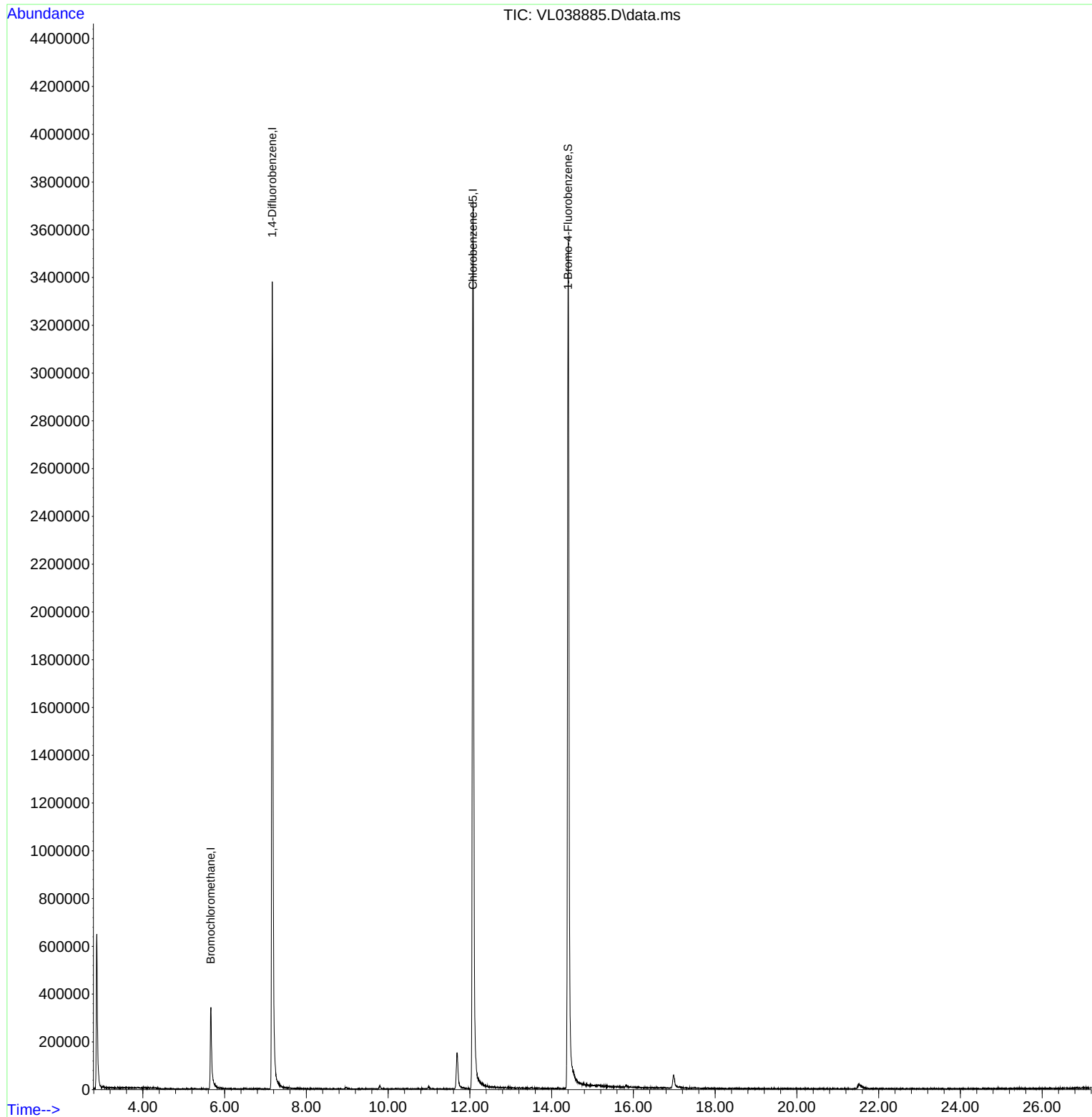
Target Compounds	Qvalue

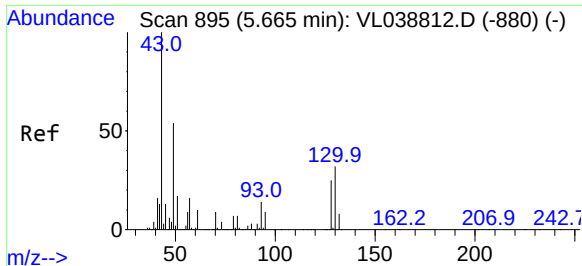
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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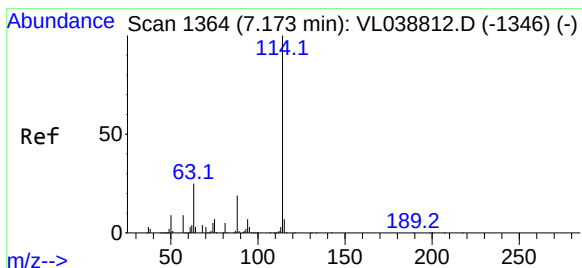
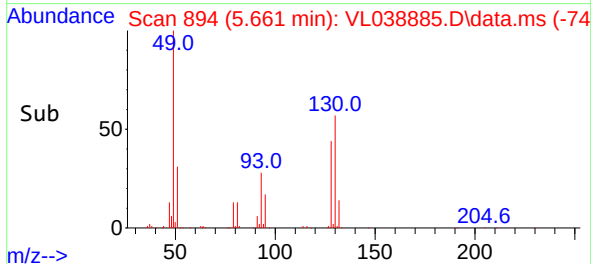
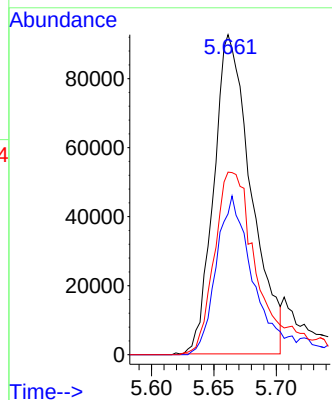
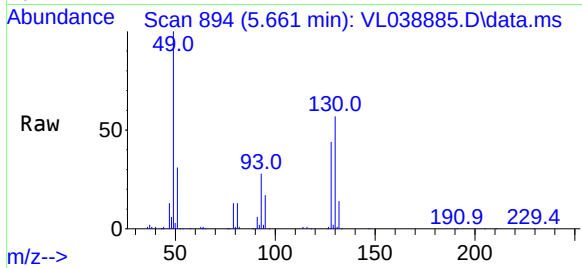




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.661 min Scan# 895
 Delta R.T. -0.003 min
 Lab File: VL038885.D
 Acq: 12 Apr 2022 8:38

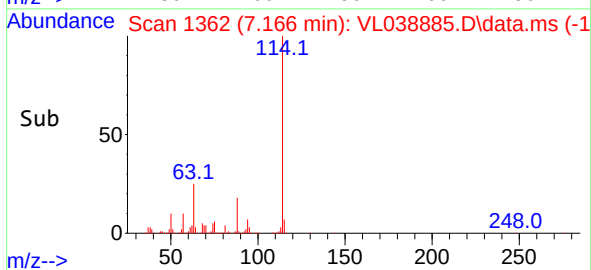
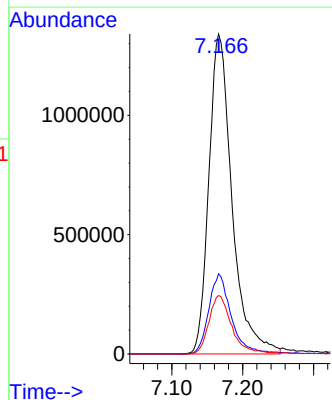
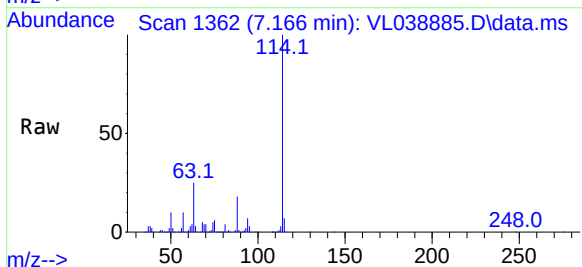
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

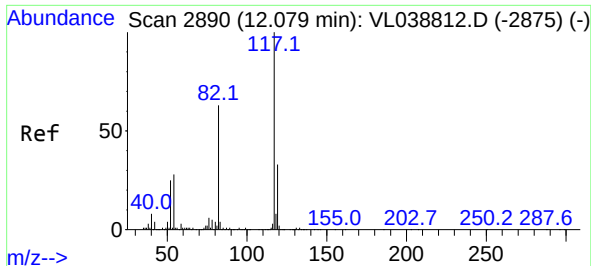
Tgt Ion: 49 Resp: 193641
 Ion Ratio Lower Upper
 49 100
 128 54.8 24.1 72.3
 130 72.1 30.9 92.8



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.166 min Scan# 1362
 Delta R.T. -0.007 min
 Lab File: VL038885.D
 Acq: 12 Apr 2022 8:38

Tgt Ion: 114 Resp: 3040081
 Ion Ratio Lower Upper
 114 100
 63 24.6 19.8 29.8
 88 18.2 14.2 21.4

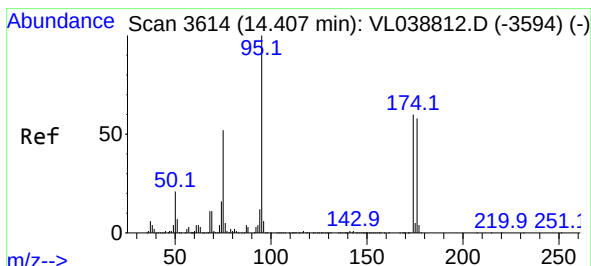
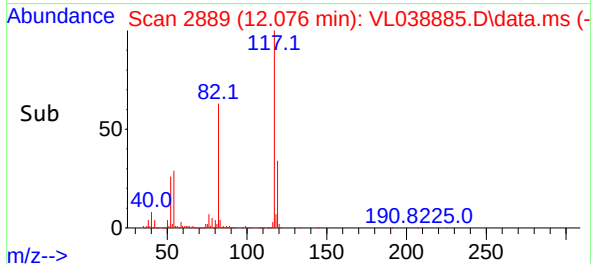
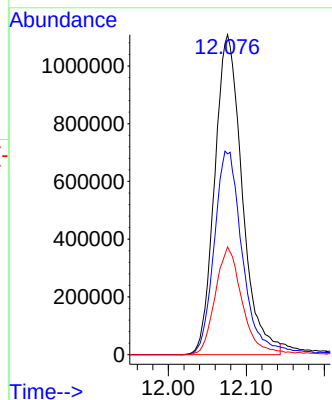
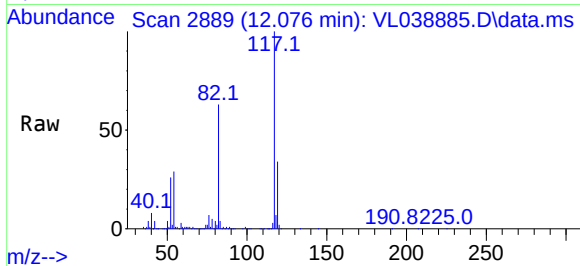




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.076 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL038885.D
Acq: 12 Apr 2022 8:38

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2721321
Ion Ratio Lower Upper
117 100
82 66.6 53.0 79.6
119 33.6 24.9 37.3



#68
1-Bromo-4-Fluorobenzene
Concen: 10.120 ppbv
RT: 14.404 min Scan# 3613
Delta R.T. -0.003 min
Lab File: VL038885.D
Acq: 12 Apr 2022 8:38

Tgt Ion: 95 Resp: 2089038
Ion Ratio Lower Upper
95 100
174 63.9 52.0 78.0
175 4.6 4.0 6.0

