

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110823\
 Data File : VL040826.D
 Acq On : 9 Nov 2023 8:03
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Nov 10 04:49:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Nov 09 00:25:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.221	49	1075588	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.671	114	2800242	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2382870	10.000	ppbv	0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1749921	9.980	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%

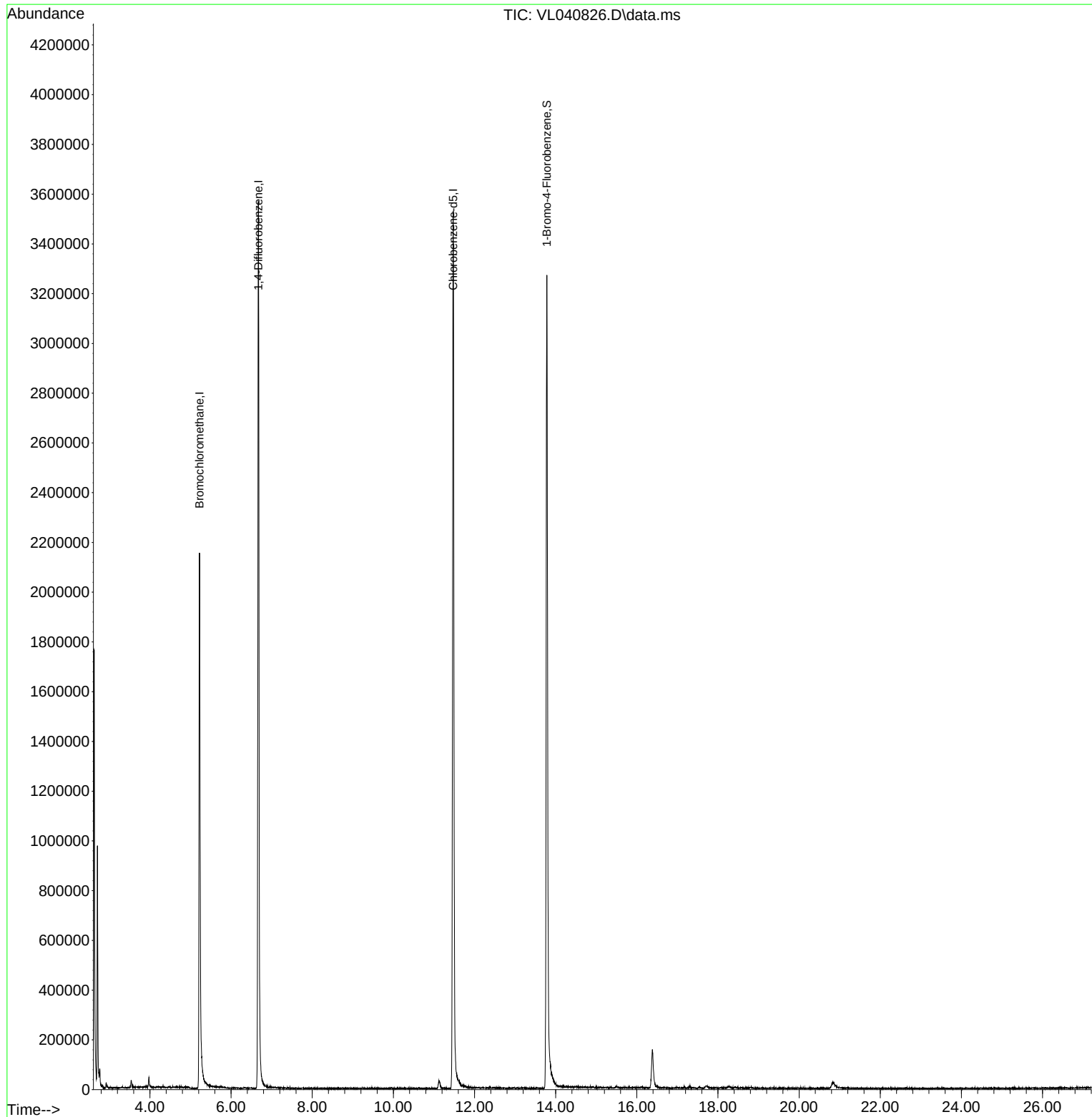
Target Compounds	Qvalue

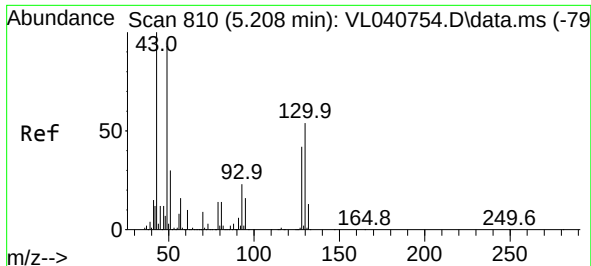
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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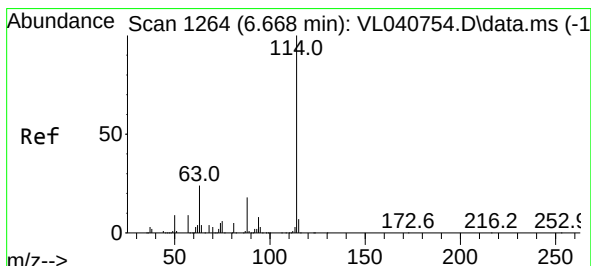
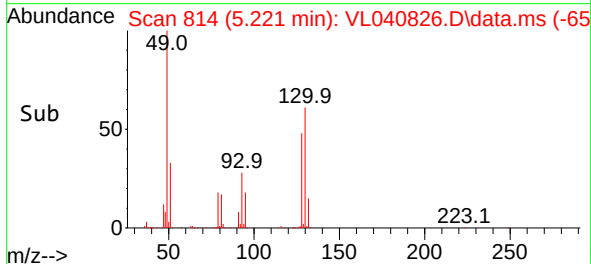
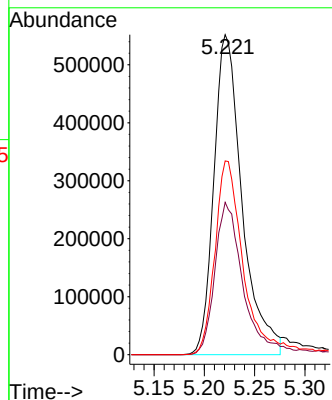
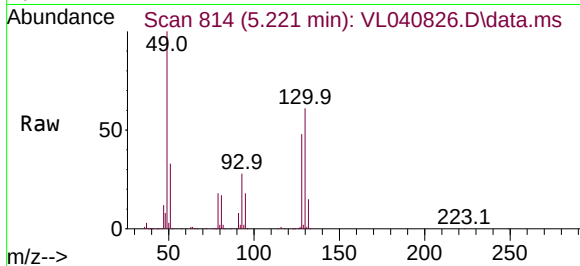




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.221 min Scan# 810
Delta R.T. 0.013 min
Lab File: VL040826.D
Acq: 9 Nov 2023 8:03

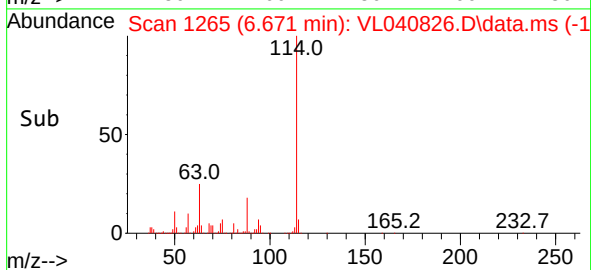
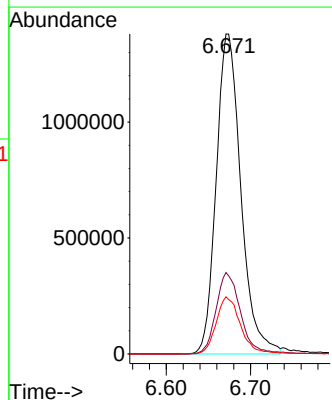
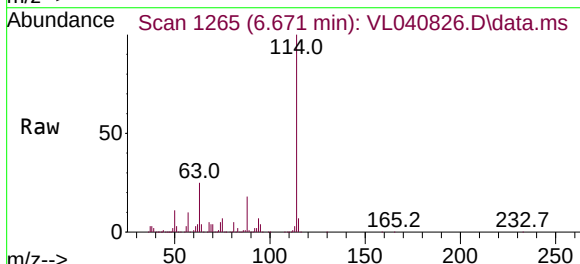
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

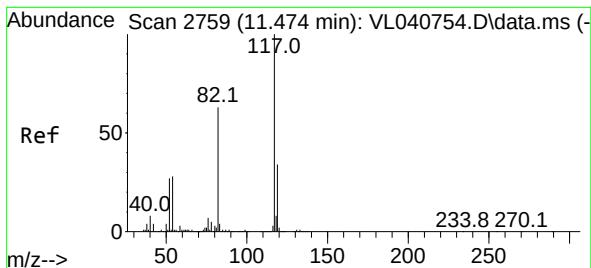
Tgt Ion: 49 Resp: 1075588
Ion Ratio Lower Upper
49 100
128 49.6 23.9 71.7
130 64.0 30.7 92.1



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.671 min Scan# 1265
Delta R.T. 0.007 min
Lab File: VL040826.D
Acq: 9 Nov 2023 8:03

Tgt Ion: 114 Resp: 2800242
Ion Ratio Lower Upper
114 100
63 25.5 19.8 29.6
88 17.8 14.2 21.2

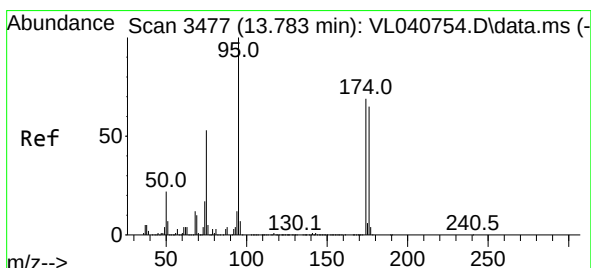
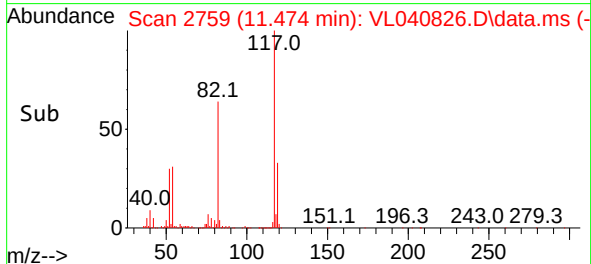
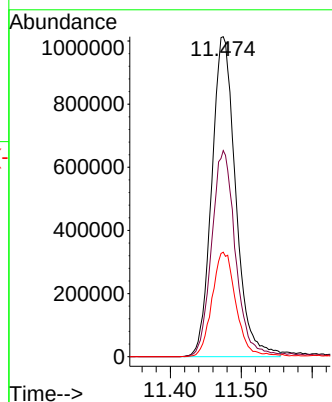
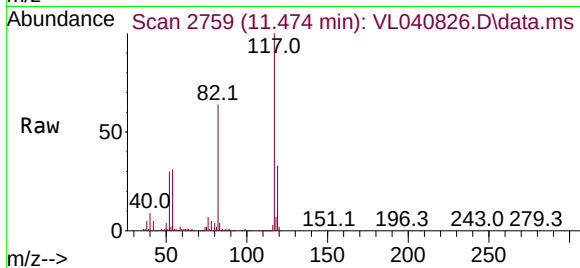




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040826.D
Acq: 9 Nov 2023 8:03

Instrument :
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ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2382870
Ion Ratio Lower Upper
117 100
82 65.5 46.6 70.0
119 32.9 26.0 39.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.980 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. 0.010 min
Lab File: VL040826.D
Acq: 9 Nov 2023 8:03

Tgt Ion: 95 Resp: 1749921
Ion Ratio Lower Upper
95 100
174 61.4 54.7 82.1
175 4.4 4.2 6.4

