

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031424\
 Data File : VL041107.D
 Acq On : 14 Mar 2024 15:07
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Mar 15 02:47:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 15 02:44:43 2024
 Response via : Initial Calibration

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

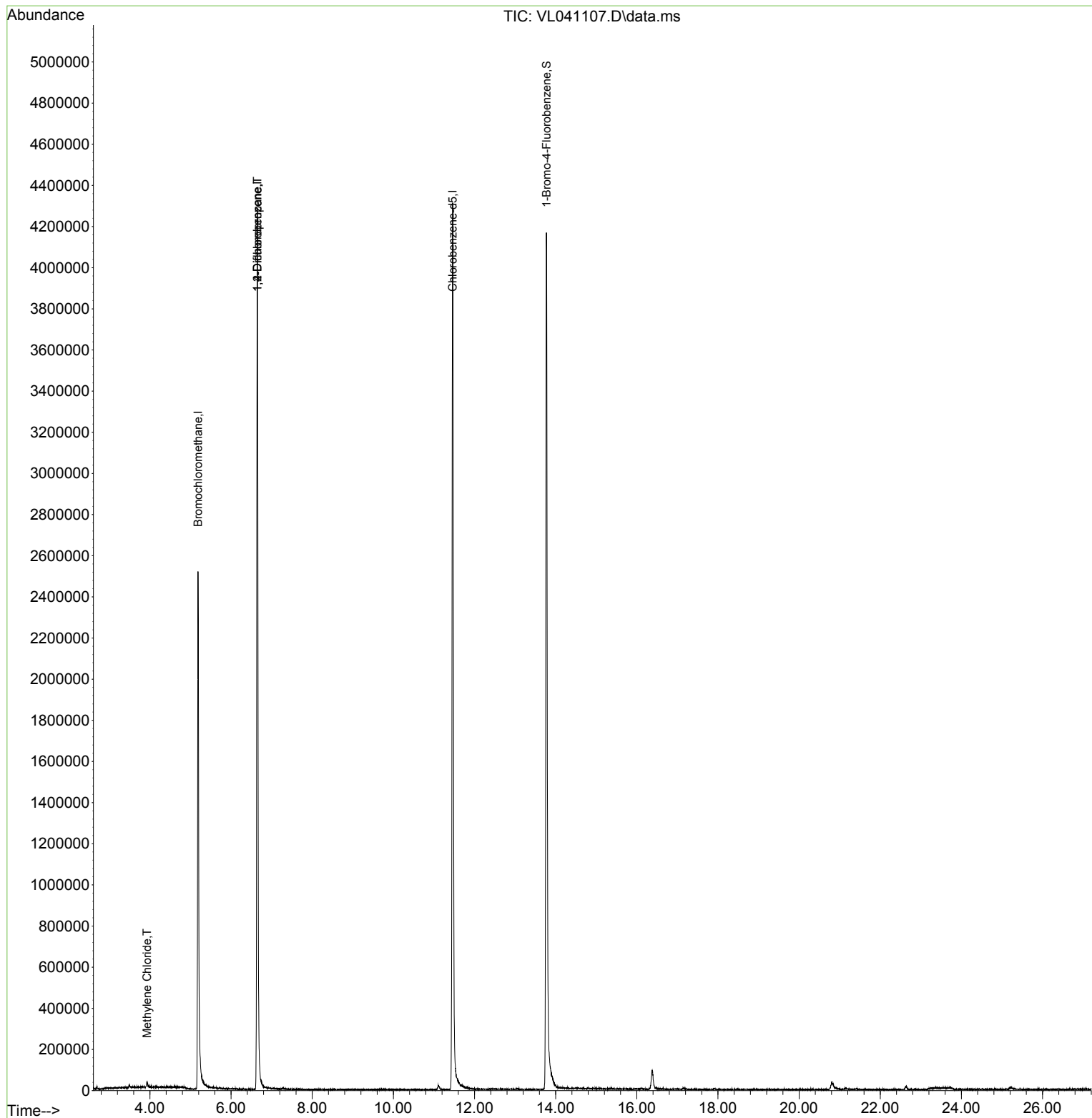
Internal Standards						
1) Bromochloromethane	5.185	49	1301356	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	3302933	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2850302	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	2217054	9.949	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.500%
Target Compounds						
						Qvalue
20) Methylene Chloride	3.928	84	5551	0.096	ppbv	92
39) 1,2-Dichloropropane	6.645	63	829160	8.431	ppbv #	23

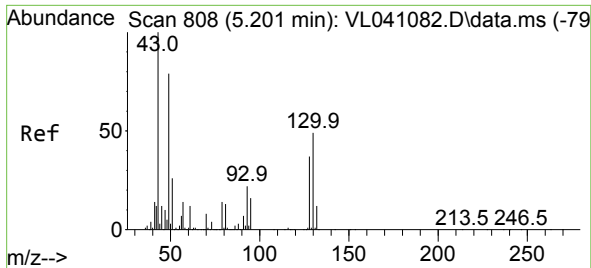
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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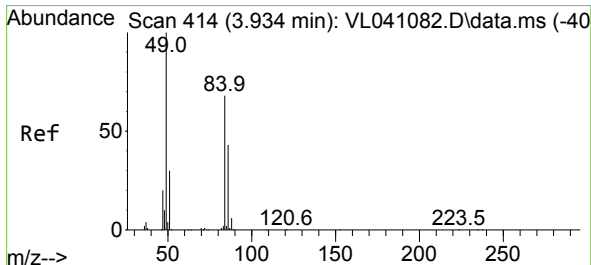
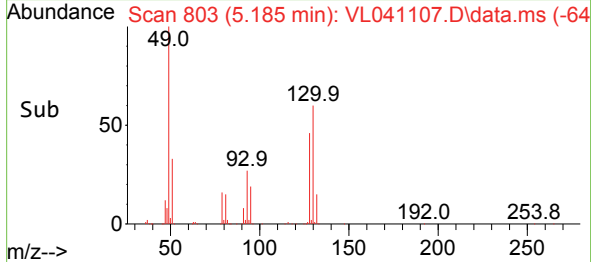
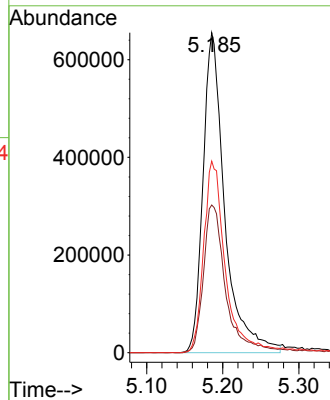
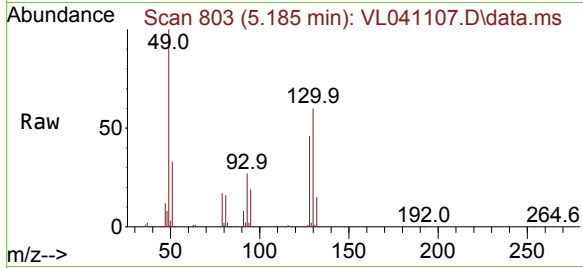




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041107.D
Acq: 14 Mar 2024 15:07

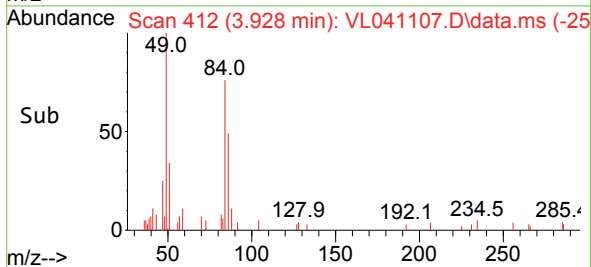
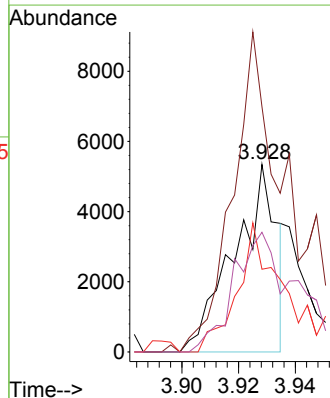
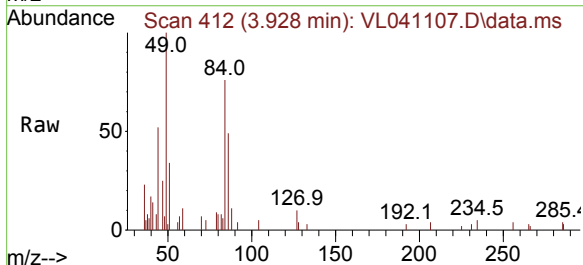
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

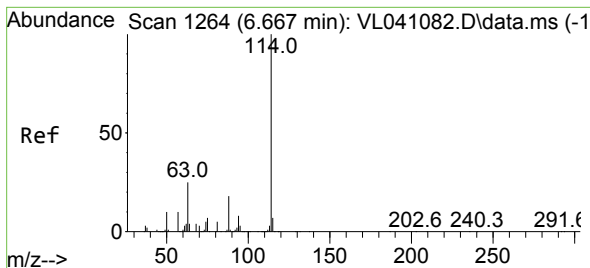
Tgt Ion: 49 Resp: 1301356
Ion Ratio Lower Upper
49 100
128 48.8 23.8 71.5
130 61.6 30.3 90.9



#20
Methylene Chloride
Concen: 0.096 ppbv
RT: 3.928 min Scan# 412
Delta R.T. 0.006 min
Lab File: VL041107.D
Acq: 14 Mar 2024 15:07

Tgt Ion: 84 Resp: 5551
Ion Ratio Lower Upper
84 100
49 130.8 117.0 175.6
51 44.1 34.9 52.3
86 63.8 49.8 74.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VL041107.D

Acq: 14 Mar 2024 15:07

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

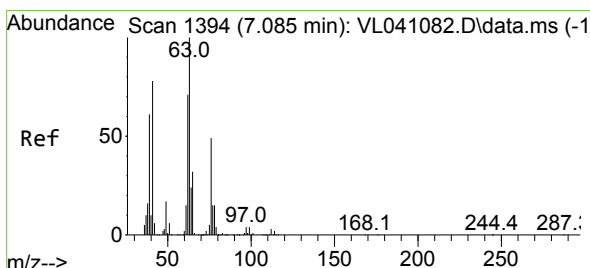
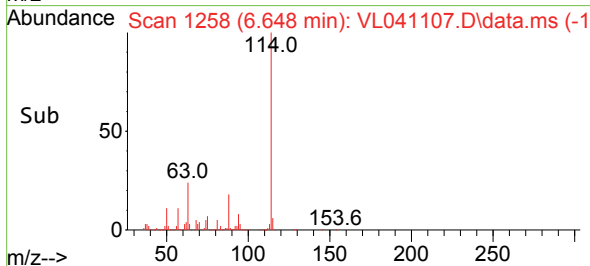
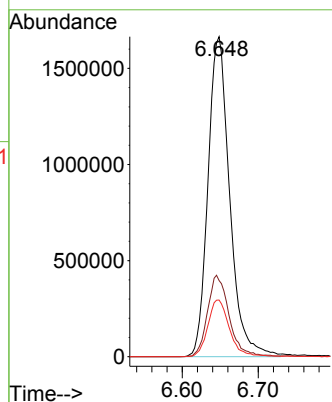
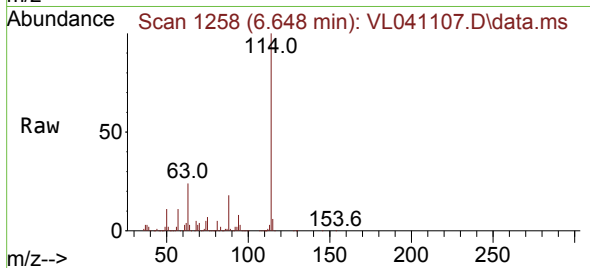
Tgt Ion:114 Resp: 3302933

Ion Ratio Lower Upper

114 100

63 25.6 21.0 31.6

88 17.8 14.6 22.0



#39

1,2-Dichloropropane

Concen: 8.431 ppbv

RT: 6.645 min Scan# 1257

Delta R.T. -0.418 min

Lab File: VL041107.D

Acq: 14 Mar 2024 15:07

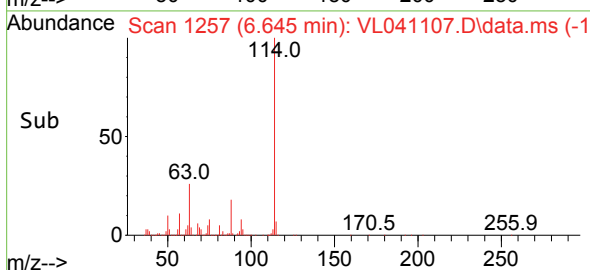
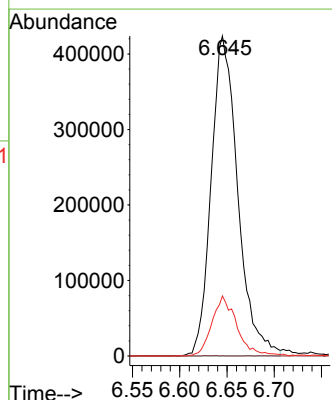
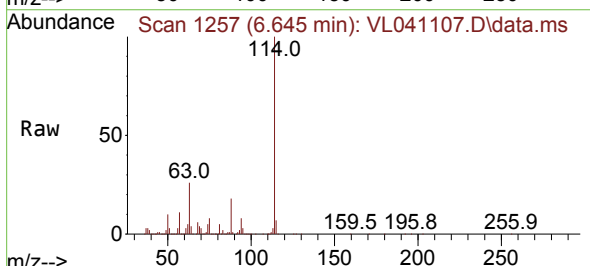
Tgt Ion: 63 Resp: 829160

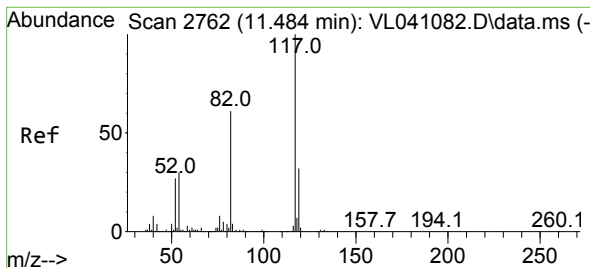
Ion Ratio Lower Upper

63 100

41 0.1 62.2 93.4#

62 18.7 57.0 85.4#

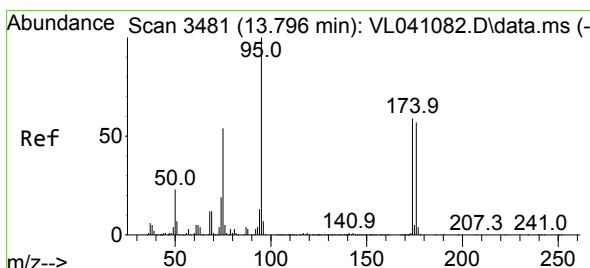
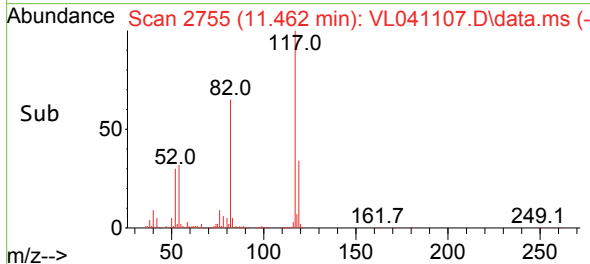
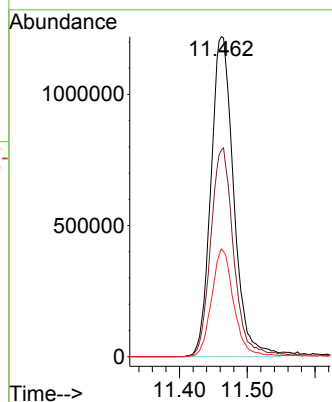
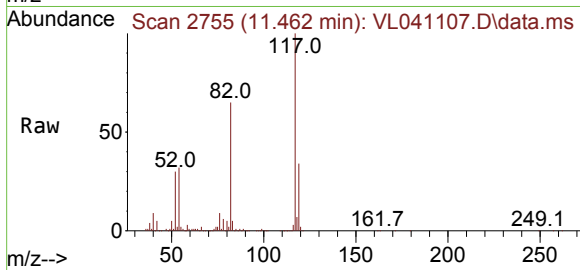




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041107.D
Acq: 14 Mar 2024 15:07

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2850302
Ion Ratio Lower Upper
117 100
82 66.3 51.4 77.2
119 33.4 23.7 35.5



#68
1-Bromo-4-Fluorobenzene
Concen: 9.949 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. 0.013 min
Lab File: VL041107.D
Acq: 14 Mar 2024 15:07

Tgt Ion: 95 Resp: 2217054
Ion Ratio Lower Upper
95 100
174 60.1 47.8 71.8
175 4.5 3.5 5.3

