

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092723\
 Data File : VL040721.D
 Acq On : 27 Sep 2023 10:34
 Operator : SY/MD
 Sample : VL0927ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0927ABL01

Quant Time: Sep 28 01:42:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 19 05:12:43 2023
 Response via : Initial Calibration

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

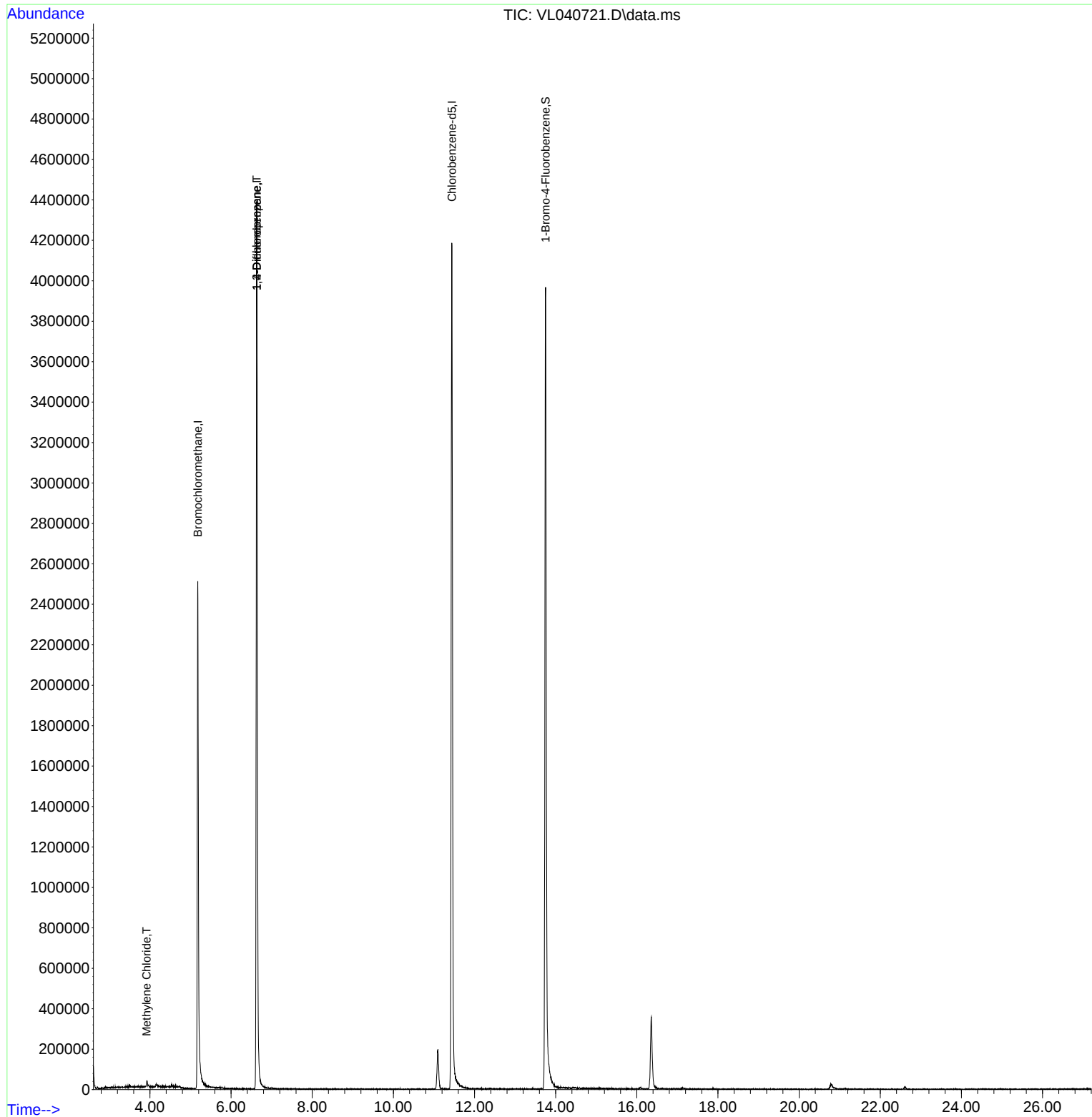
Internal Standards						
1) Bromochloromethane	5.179	49	1278727	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.636	114	3527937	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.442	117	2927230	10.000	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.751	95	2065856	9.134	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.300%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.922	84	5087	0.056	ppbv #	64
39) 1,2-Dichloropropane	6.632	63	826990	8.224	ppbv #	22

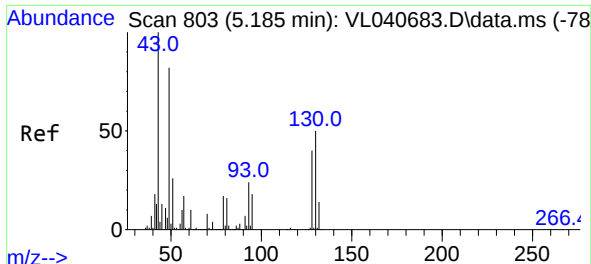
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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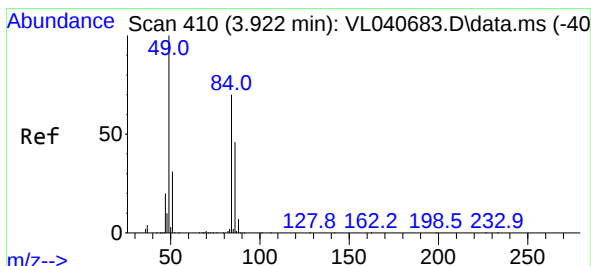
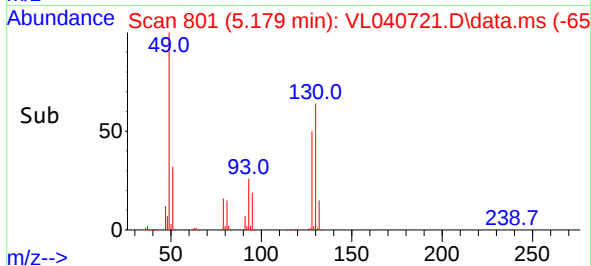
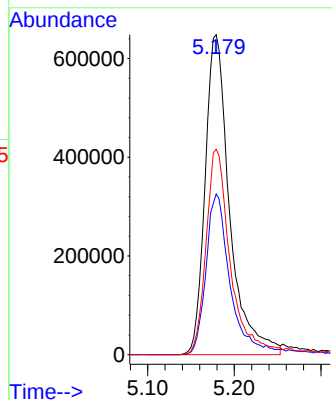
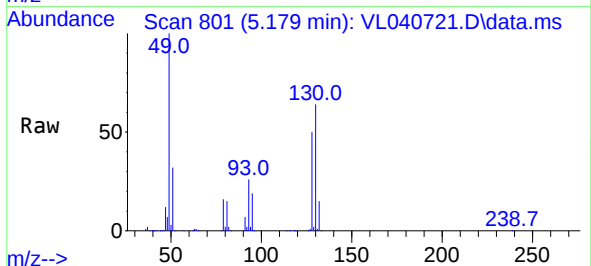




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.019 min
Lab File: VL040721.D
Acq: 27 Sep 2023 10:34

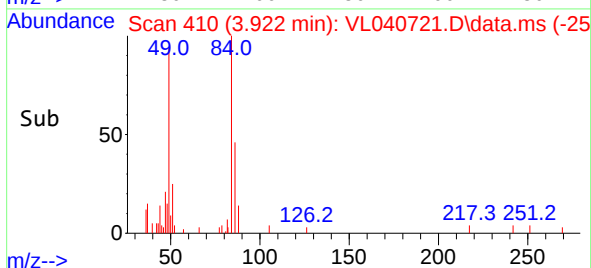
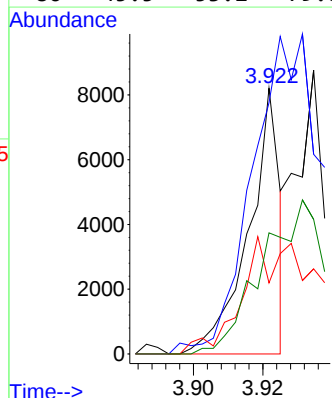
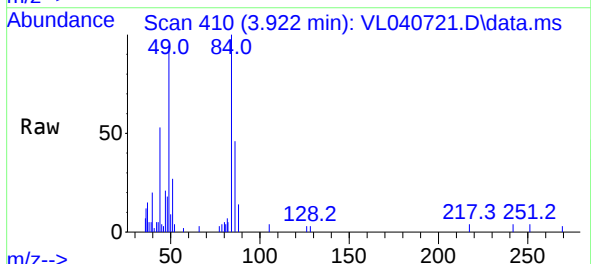
Instrument :
MSVOA_L
ClientSampleId :
VL0927ABL01

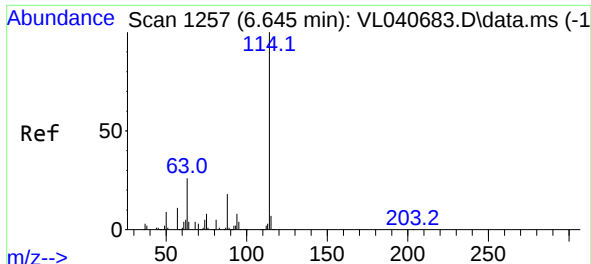
Tgt Ion: 49 Resp: 1278727
Ion Ratio Lower Upper
49 100
128 52.2 25.4 76.0
130 65.9 32.3 96.8



#20
Methylene Chloride
Concen: 0.056 ppbv
RT: 3.922 min Scan# 410
Delta R.T. -0.016 min
Lab File: VL040721.D
Acq: 27 Sep 2023 10:34

Tgt Ion: 84 Resp: 5087
Ion Ratio Lower Upper
84 100
49 90.4 114.4 171.6#
51 26.7 35.5 53.3#
86 45.5 53.2 79.8#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.636 min Scan# 11

Delta R.T. -0.026 min

Lab File: VL040721.D

Acq: 27 Sep 2023 10:34

Instrument :

MSVOA_L

ClientSampleId :

VL0927ABL01

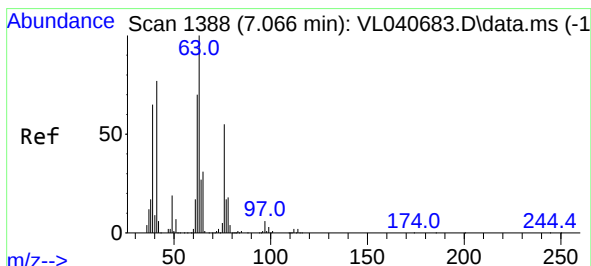
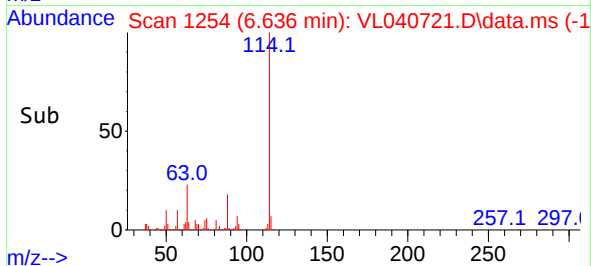
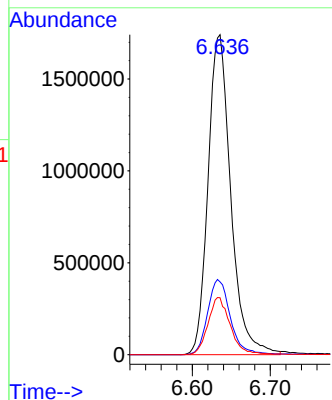
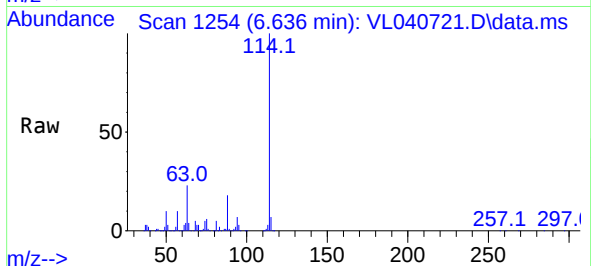
Tgt Ion:114 Resp: 3527937

Ion Ratio Lower Upper

114 100

63 23.9 21.1 31.7

88 17.7 14.5 21.7



#39

1,2-Dichloropropane

Concen: 8.224 ppbv

RT: 6.632 min Scan# 1253

Delta R.T. -0.450 min

Lab File: VL040721.D

Acq: 27 Sep 2023 10:34

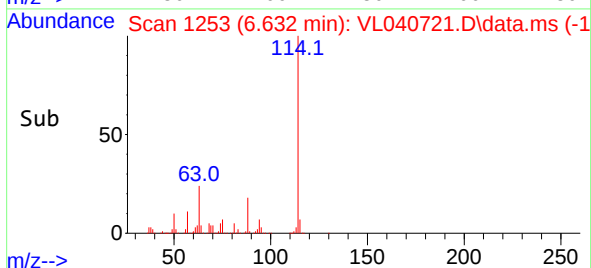
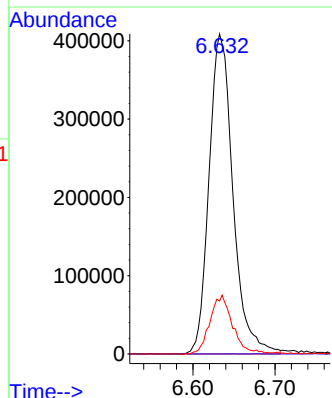
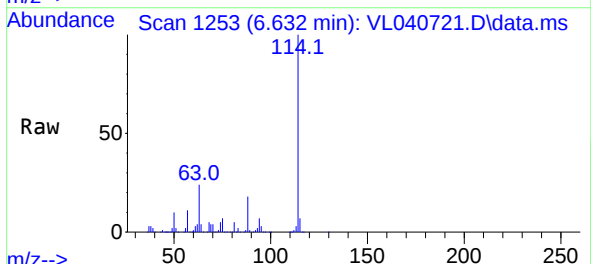
Tgt Ion: 63 Resp: 826990

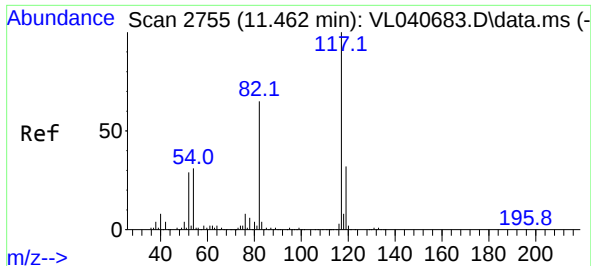
Ion Ratio Lower Upper

63 100

41 0.0 61.6 92.4#

62 16.5 55.8 83.8#

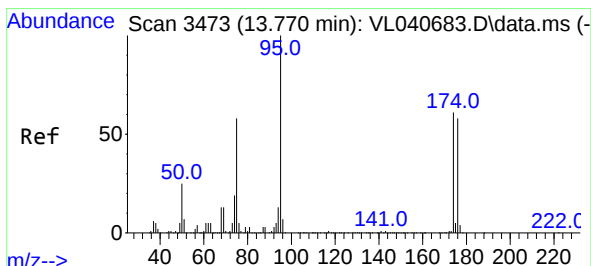
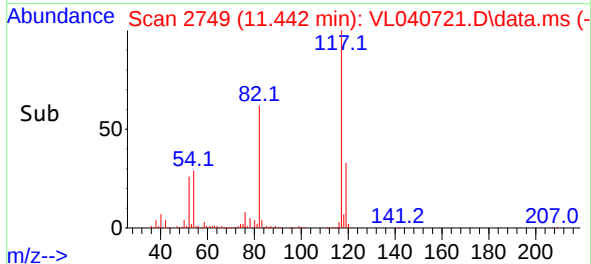
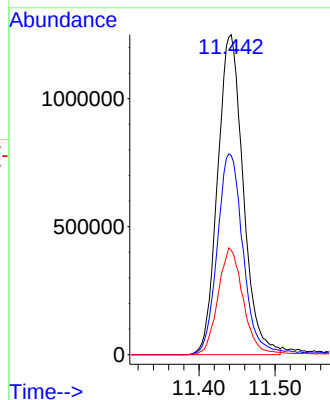
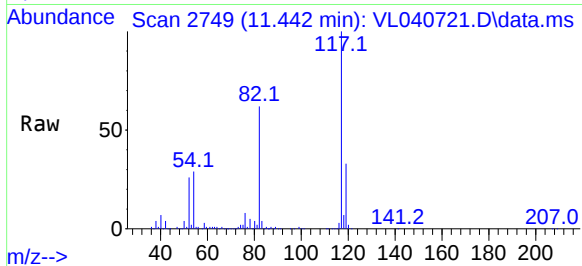




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.442 min Scan# 21
Delta R.T. -0.035 min
Lab File: VL040721.D
Acq: 27 Sep 2023 10:34

Instrument :
MSVOA_L
ClientSampleId :
VL0927ABL01

Tgt Ion:117 Resp: 2927230
Ion Ratio Lower Upper
117 100
82 64.8 51.4 77.0
119 33.1 24.7 37.1



#68
1-Bromo-4-Fluorobenzene
Concen: 9.134 ppbv
RT: 13.751 min Scan# 3467
Delta R.T. -0.035 min
Lab File: VL040721.D
Acq: 27 Sep 2023 10:34

Tgt Ion: 95 Resp: 2065856
Ion Ratio Lower Upper
95 100
174 68.2 48.9 73.3
175 4.7 3.5 5.3

