

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
Data File : VL041423.D
Acq On : 29 Jul 2024 10:51
Operator : SY/MD
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Jul 30 02:47:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Tue Jul 30 02:42:20 2024
Response via : Initial Calibration

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

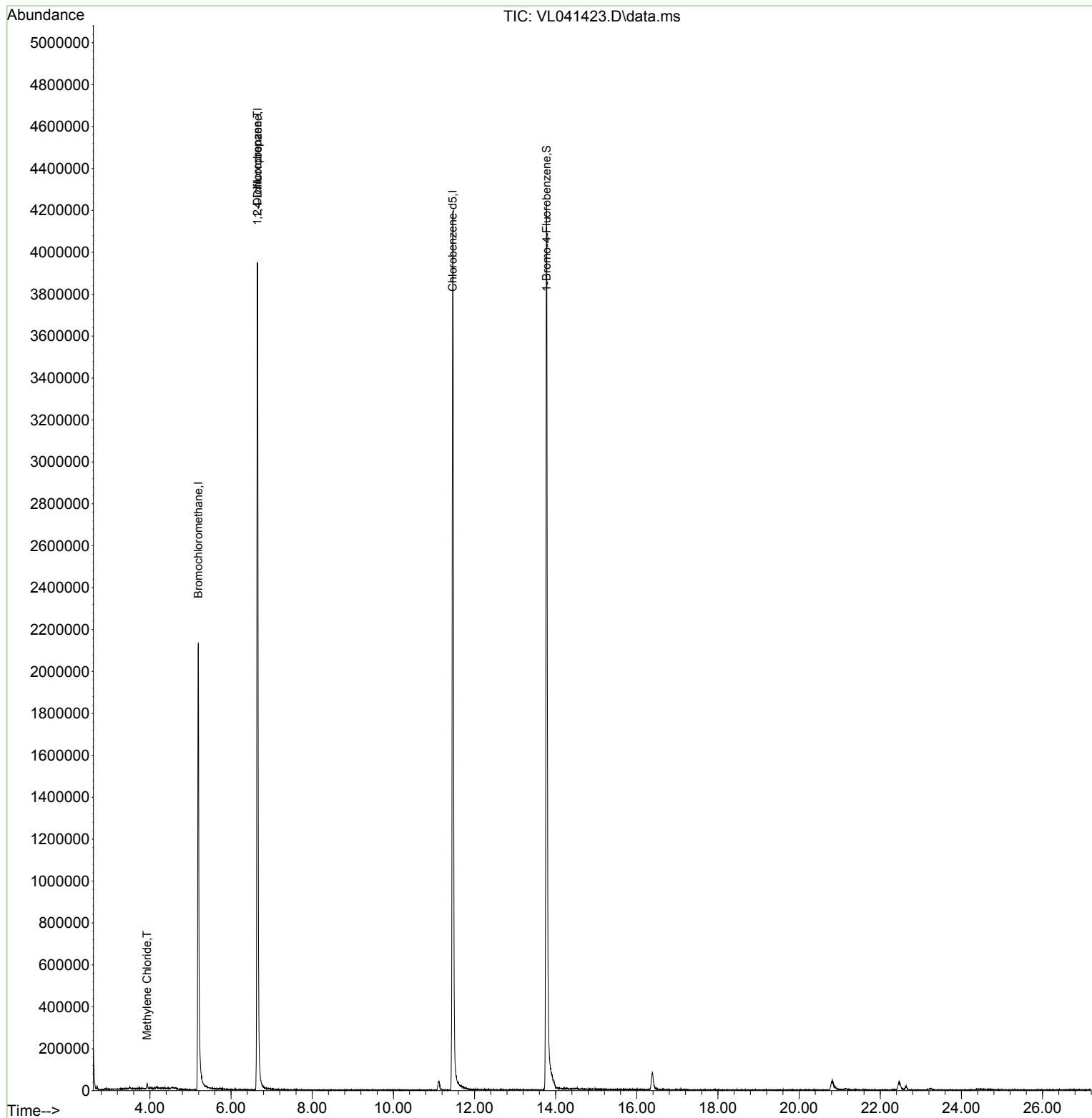
Internal Standards						
1) Bromochloromethane	5.192	49	1129135	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.652	114	3101439	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2816712	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	2160644	9.968	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.700%
Target Compounds						Qvalue
20) Methylene Chloride	3.928	84	5658	0.118	ppbv	87
39) 1,2-Dichloropropane	6.648	63	769881	8.874	ppbv #	25

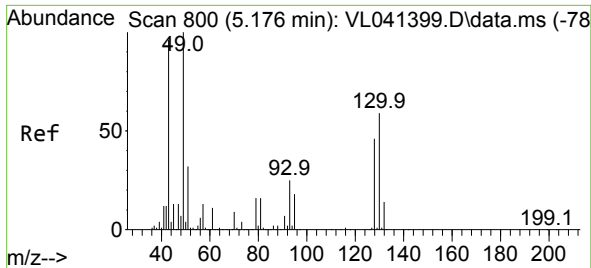
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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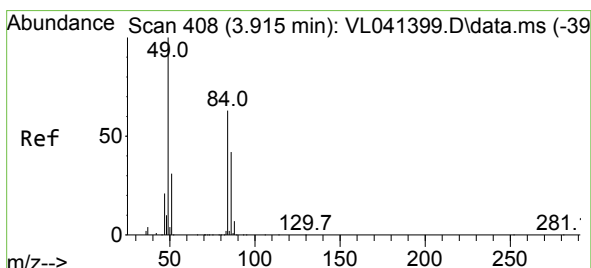
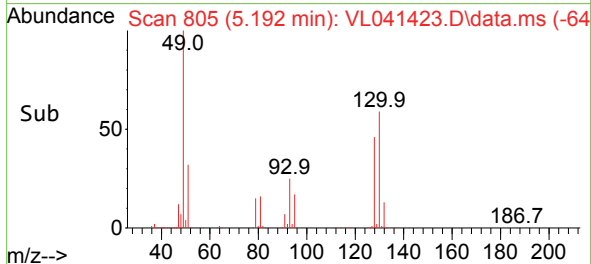
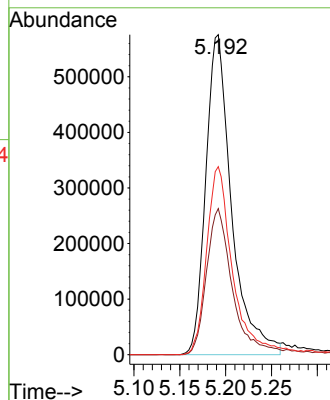
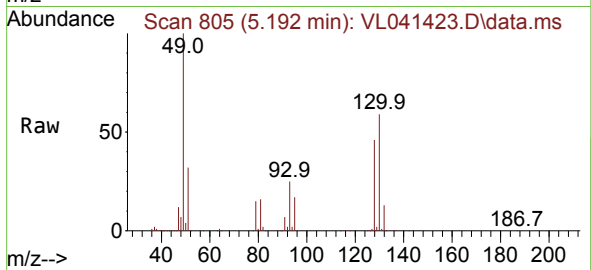




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.192 min Scan# 805
 Delta R.T. 0.013 min
 Lab File: VL041423.D
 Acq: 29 Jul 2024 10:51

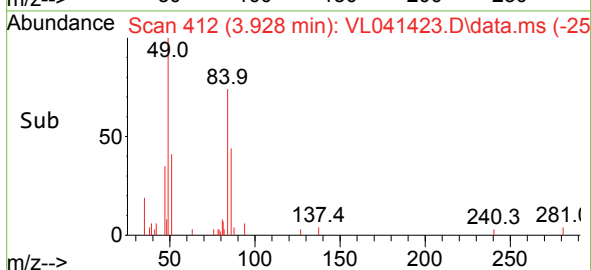
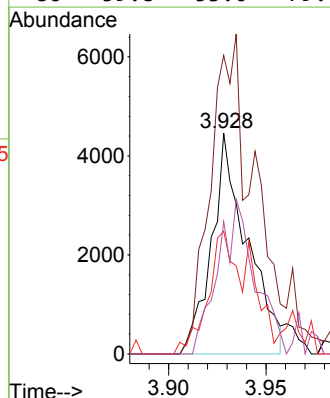
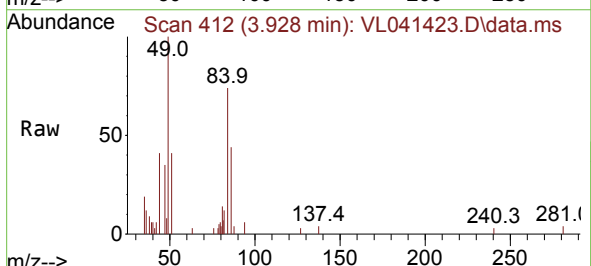
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

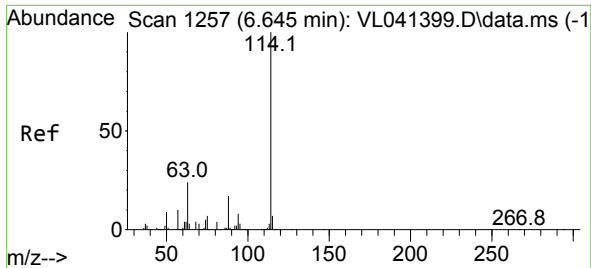
Tgt Ion: 49 Resp: 1129135
 Ion Ratio Lower Upper
 49 100
 128 47.4 23.8 71.4
 130 62.2 30.8 92.4



#20
 Methylene Chloride
 Concen: 0.118 ppbv
 RT: 3.928 min Scan# 412
 Delta R.T. 0.010 min
 Lab File: VL041423.D
 Acq: 29 Jul 2024 10:51

Tgt Ion: 84 Resp: 5658
 Ion Ratio Lower Upper
 84 100
 49 135.1 126.6 190.0
 51 50.2 38.6 58.0
 86 59.8 53.0 79.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 1259

Delta R.T. 0.007 min

Lab File: VL041423.D

Acq: 29 Jul 2024 10:51

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

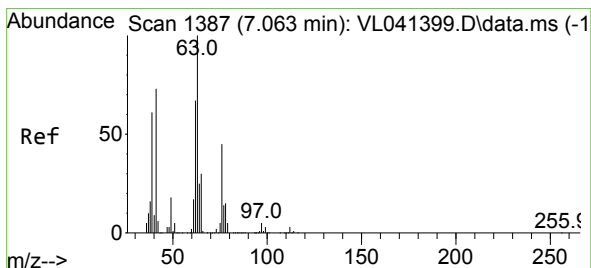
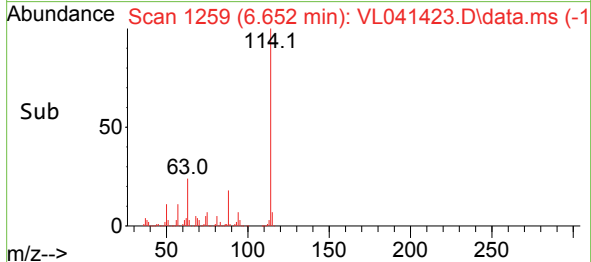
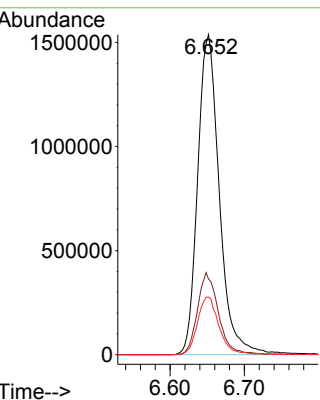
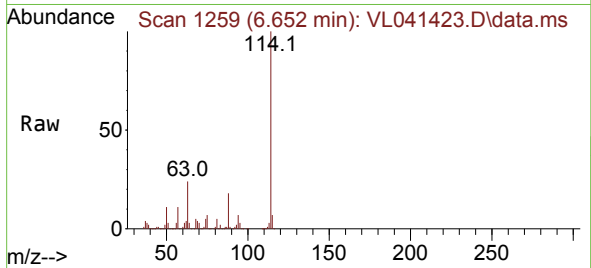
Tgt Ion:114 Resp: 3101439

Ion Ratio Lower Upper

114 100

63 25.2 20.3 30.5

88 18.1 14.3 21.5



#39

1,2-Dichloropropane

Concen: 8.874 ppbv

RT: 6.648 min Scan# 1258

Delta R.T. -0.415 min

Lab File: VL041423.D

Acq: 29 Jul 2024 10:51

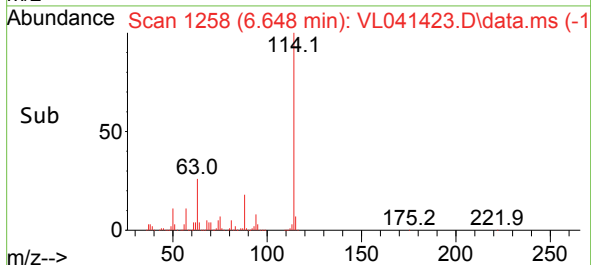
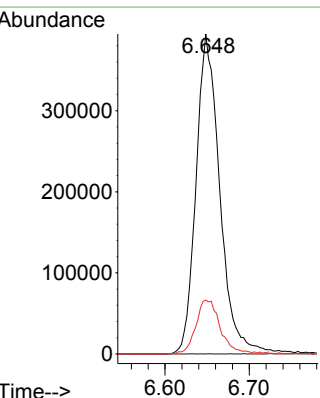
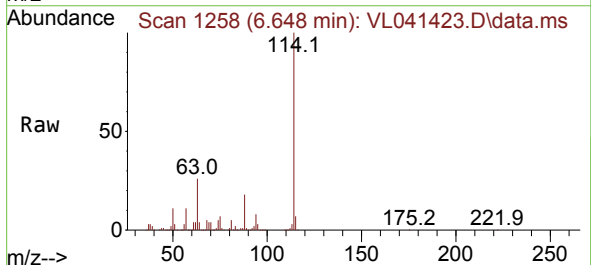
Tgt Ion: 63 Resp: 769881

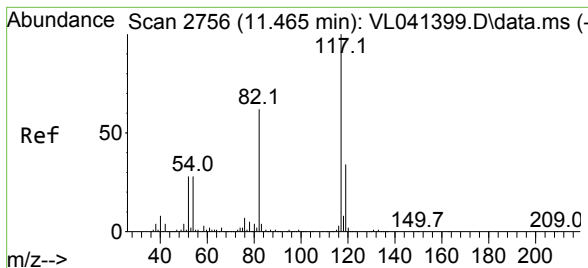
Ion Ratio Lower Upper

63 100

41 0.0 58.3 87.5#

62 16.9 53.9 80.9#

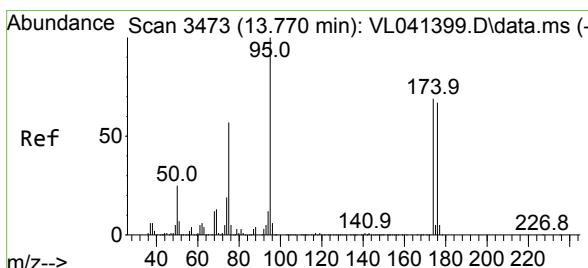
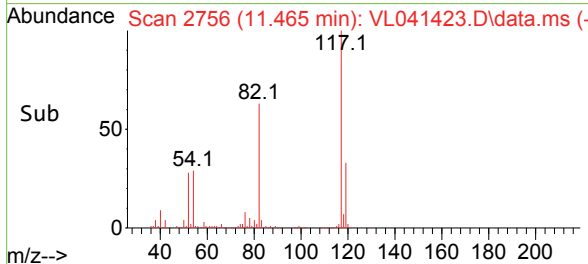
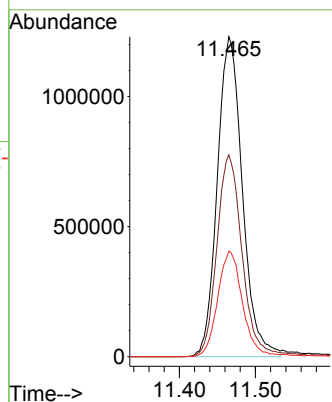
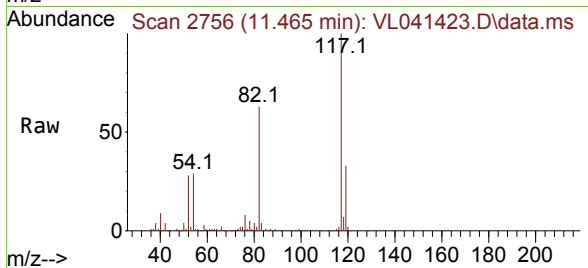




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041423.D
Acq: 29 Jul 2024 10:51

Instrument :
MSVOA_L
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VIBLK

Tgt Ion:117 Resp: 2816712
Ion Ratio Lower Upper
117 100
82 65.0 51.0 76.6
119 33.1 45.2 67.8#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.968 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. 0.003 min
Lab File: VL041423.D
Acq: 29 Jul 2024 10:51

Tgt Ion: 95 Resp: 2160644
Ion Ratio Lower Upper
95 100
174 72.0 56.3 84.5
175 4.9 4.0 6.0

