

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021524\
 Data File : VL041067.D
 Acq On : 15 Feb 2024 12:11
 Operator : SY/MD
 Sample : VL0215ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0215ABL01

Quant Time: Feb 16 04:07:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Feb 16 04:05:22 2024
 Response via : Initial Calibration

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

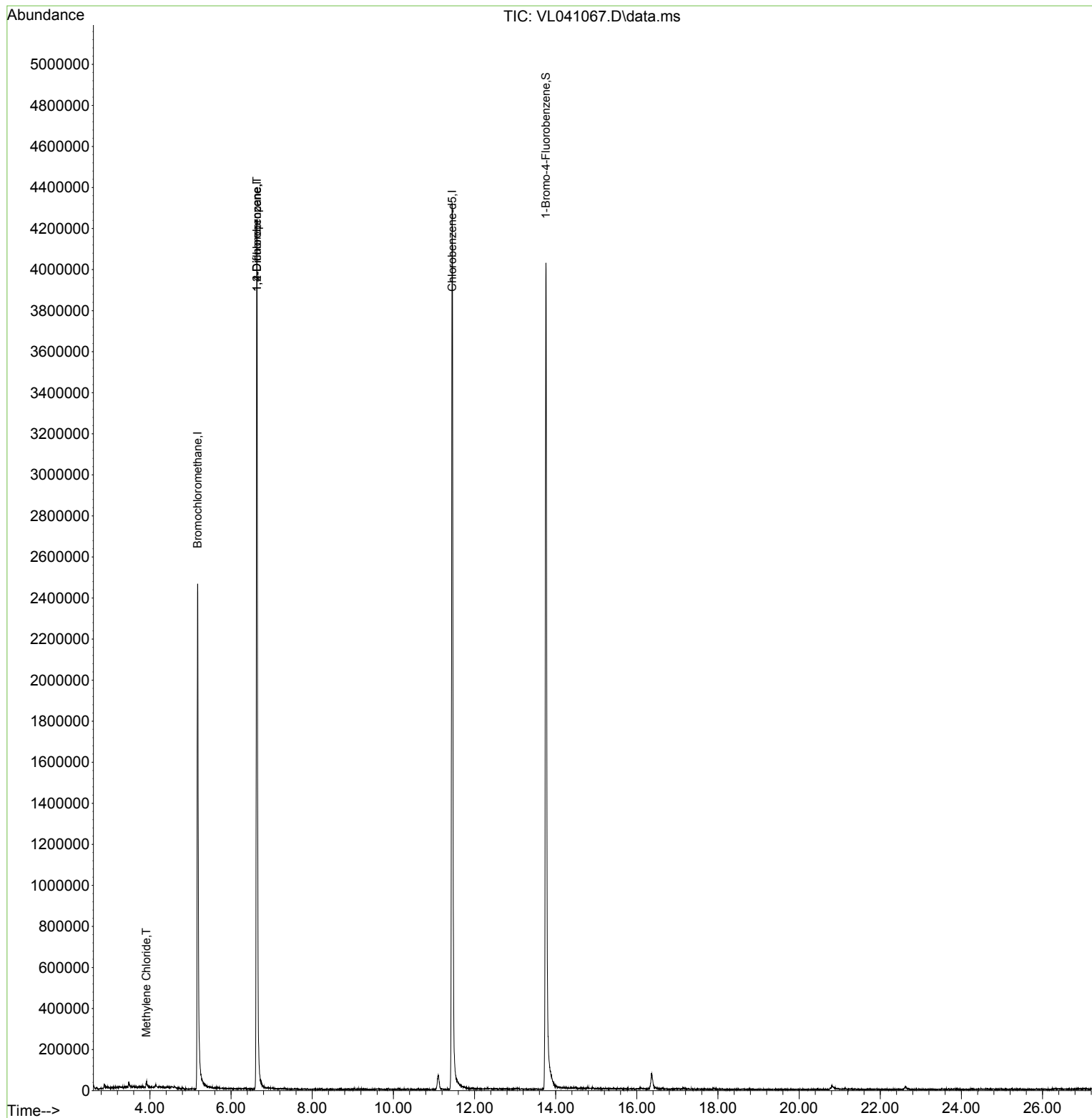
Internal Standards						
1) Bromochloromethane	5.172	49	1256575	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.635	114	3284881	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.449	117	2888916	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.760	95	2163653	9.916	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.200%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.912	84	3490	0.056	ppbv	87
39) 1,2-Dichloropropane	6.635	63	808625	7.566	ppbv #	23

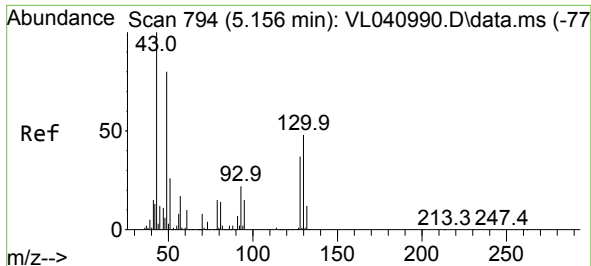
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 16 04:07:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Fri Feb 16 04:05:22 2024
Response via : Initial Calibration

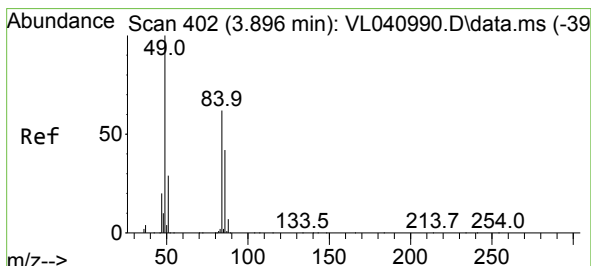
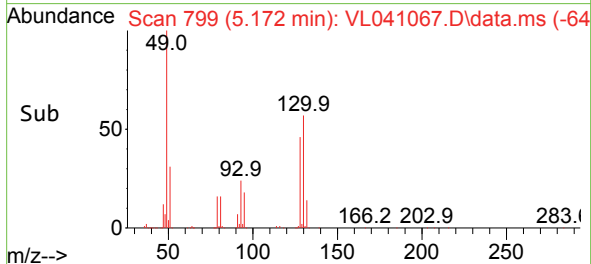
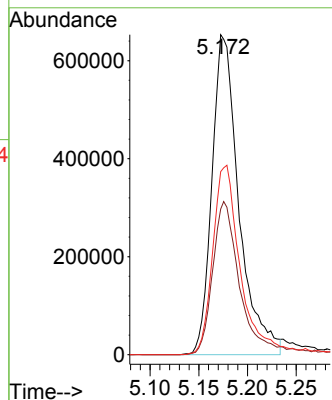
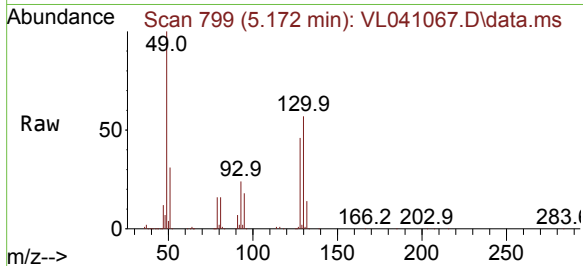




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.172 min Scan# 794
Delta R.T. -0.004 min
Lab File: VL041067.D
Acq: 15 Feb 2024 12:11

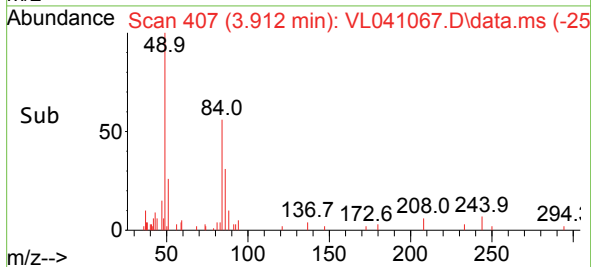
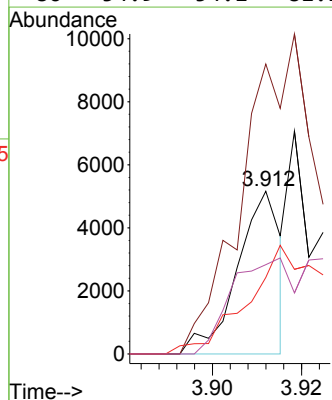
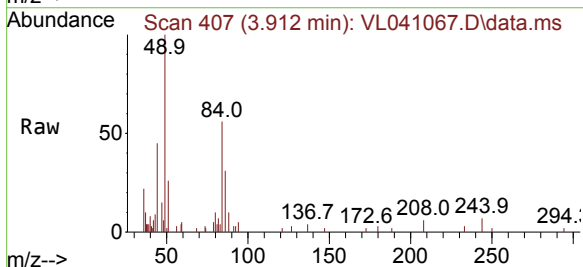
Instrument :
MSVOA_L
ClientSampleId :
VL0215ABL01

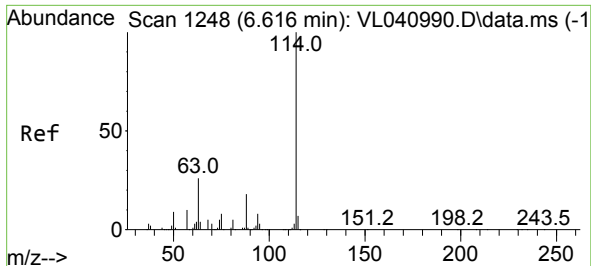
Tgt Ion: 49 Resp: 1256575
Ion Ratio Lower Upper
49 100
128 50.0 23.9 71.7
130 62.4 31.1 93.5



#20
Methylene Chloride
Concen: 0.056 ppbv
RT: 3.912 min Scan# 407
Delta R.T. -0.000 min
Lab File: VL041067.D
Acq: 15 Feb 2024 12:11

Tgt Ion: 84 Resp: 3490
Ion Ratio Lower Upper
84 100
49 178.1 128.1 192.1
51 42.0 36.5 54.7
86 54.9 54.1 81.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.635 min Scan# 1254

Delta R.T. -0.003 min

Lab File: VL041067.D

Acq: 15 Feb 2024 12:11

Instrument :

MSVOA_L

ClientSampleId :

VL0215ABL01

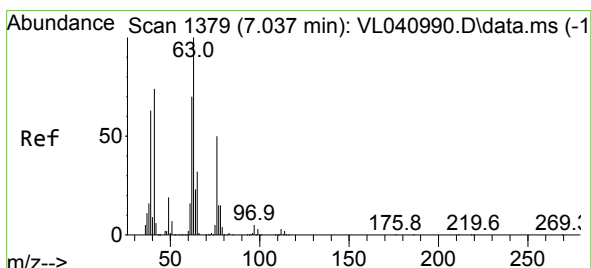
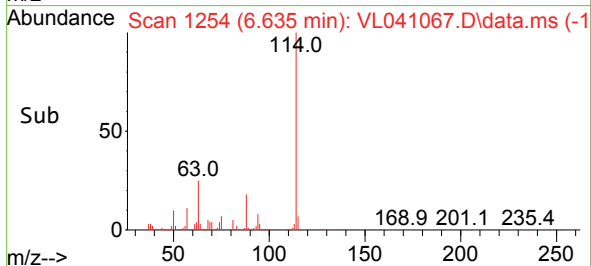
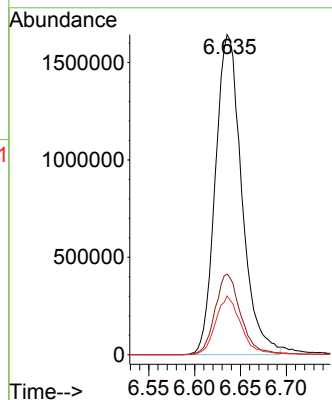
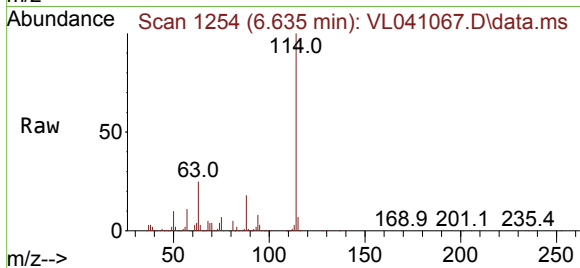
Tgt Ion:114 Resp: 3284881

Ion Ratio Lower Upper

114 100

63 25.0 20.8 31.2

88 17.8 14.3 21.5



#39

1,2-Dichloropropane

Concen: 7.566 ppbv

RT: 6.635 min Scan# 1254

Delta R.T. -0.421 min

Lab File: VL041067.D

Acq: 15 Feb 2024 12:11

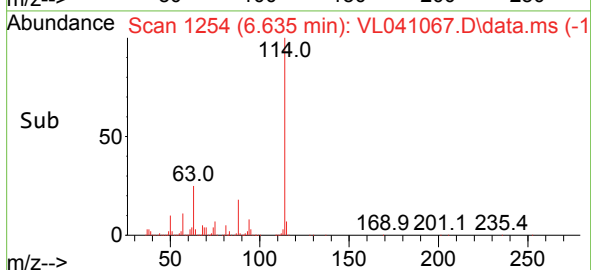
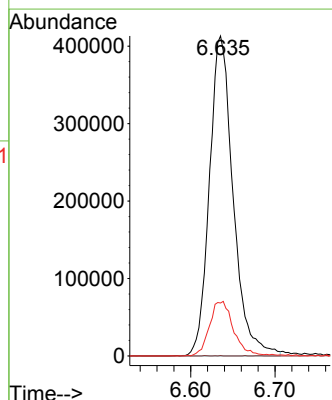
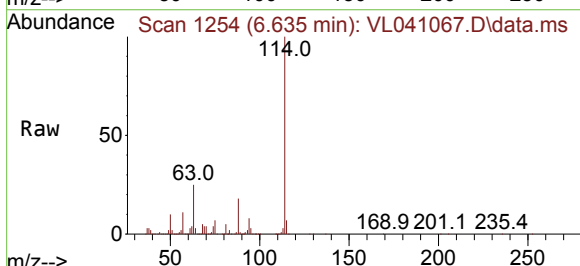
Tgt Ion: 63 Resp: 808625

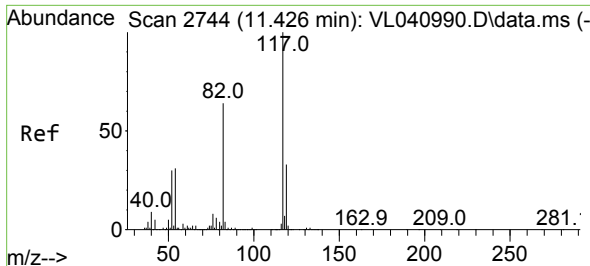
Ion Ratio Lower Upper

63 100

41 0.1 59.6 89.4#

62 16.5 55.6 83.4#

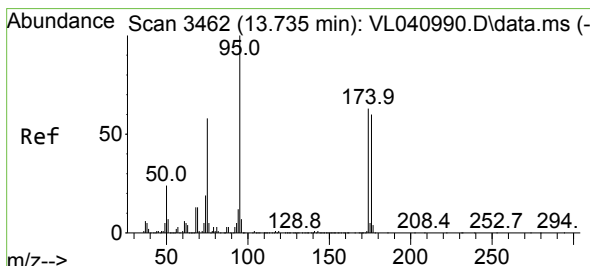
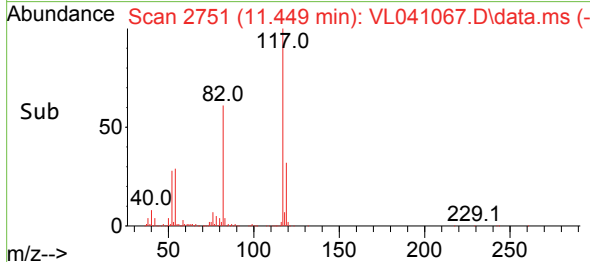
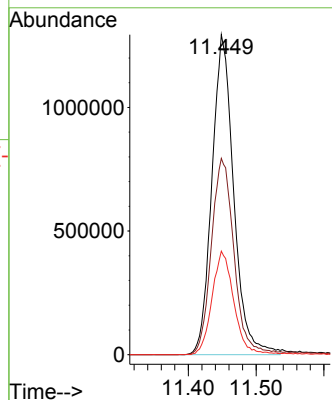
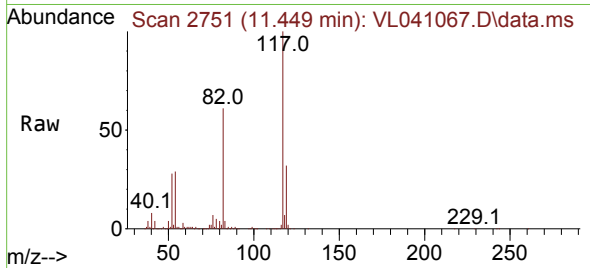




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041067.D
Acq: 15 Feb 2024 12:11

Instrument :
MSVOA_L
ClientSampleId :
VL0215ABL01

Tgt Ion:117 Resp: 2888916
Ion Ratio Lower Upper
117 100
82 64.9 51.7 77.5
119 32.9 23.8 35.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.916 ppbv
RT: 13.760 min Scan# 3470
Delta R.T. -0.000 min
Lab File: VL041067.D
Acq: 15 Feb 2024 12:11

Tgt Ion: 95 Resp: 2163653
Ion Ratio Lower Upper
95 100
174 61.8 49.1 73.7
175 4.5 3.7 5.5

