

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012424\
 Data File : VL041012.D
 Acq On : 24 Jan 2024 12:11
 Operator : SY/MD
 Sample : VL0124ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0124ABL01

Quant Time: Jan 25 03:17:06 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 : Thu Jan 25 03:13:06 2024
 Response via : Initial Calibration

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

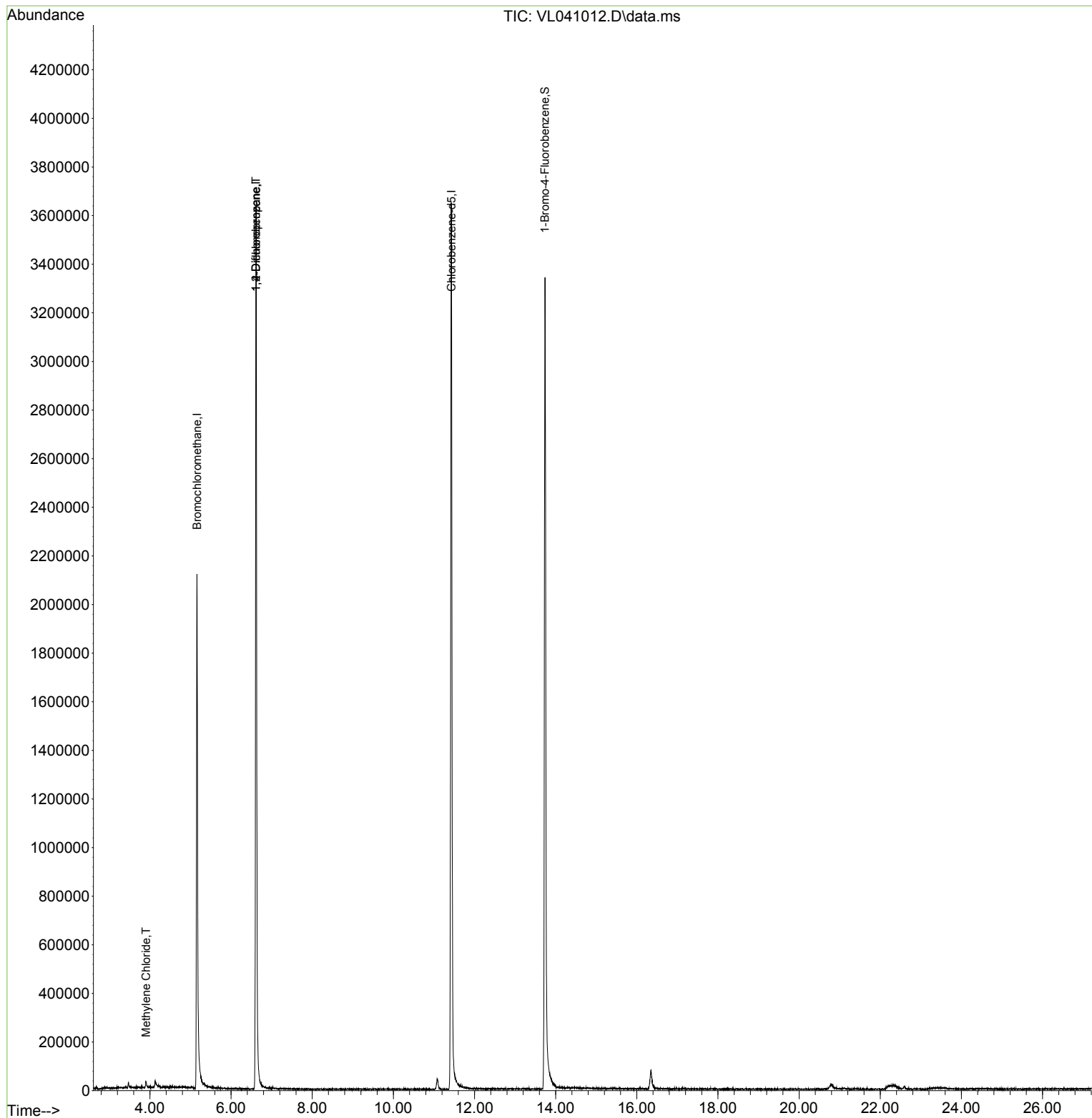
Internal Standards						
1) Bromochloromethane	5.160	49	1098618	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.616	114	2809298	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.429	117	2371630	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.738	95	1758927	9.819	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.200%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.902	84	7165	0.133	ppbv #	85
39) 1,2-Dichloropropane	6.616	63	708139	7.748	ppbv #	23

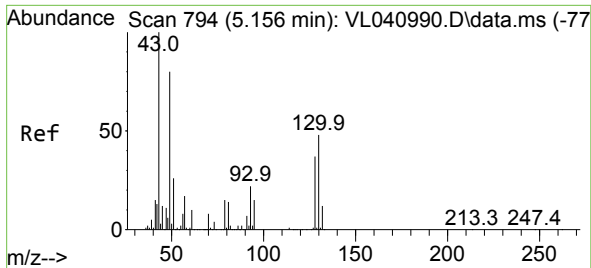
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Thu Jan 25 03:13:06 2024
Response via : Initial Calibration

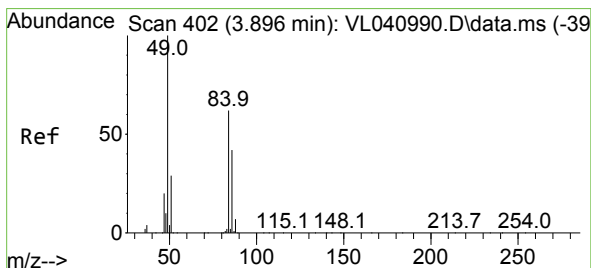
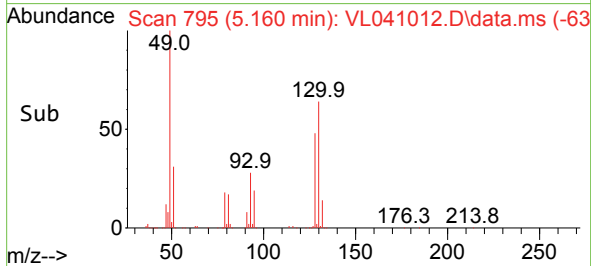
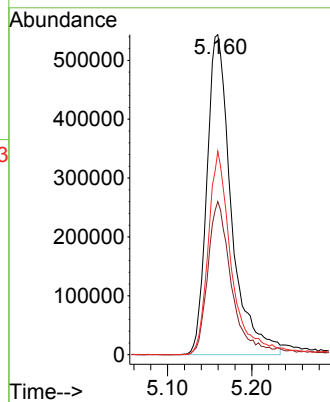
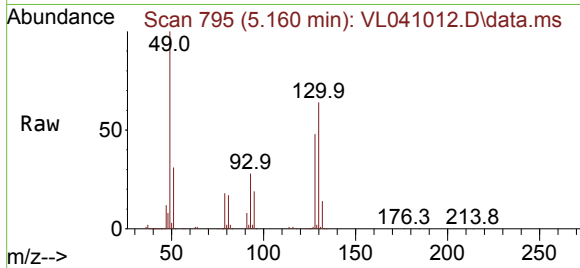




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.160 min Scan# 794
 Delta R.T. 0.004 min
 Lab File: VL041012.D
 Acq: 24 Jan 2024 12:11

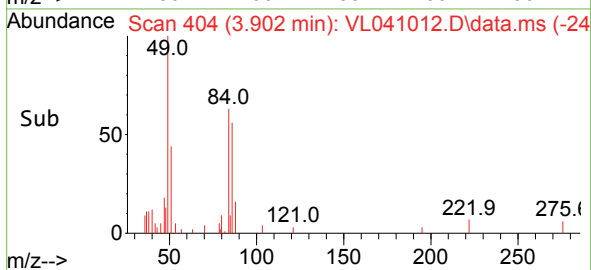
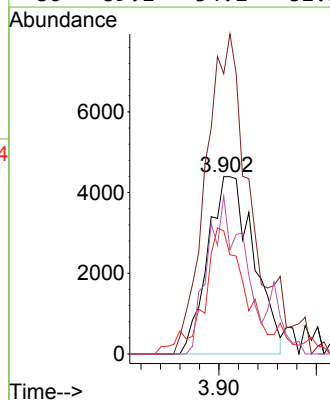
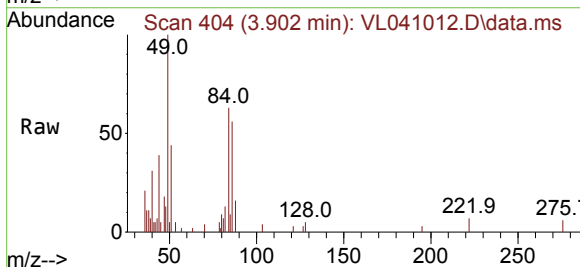
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0124ABL01

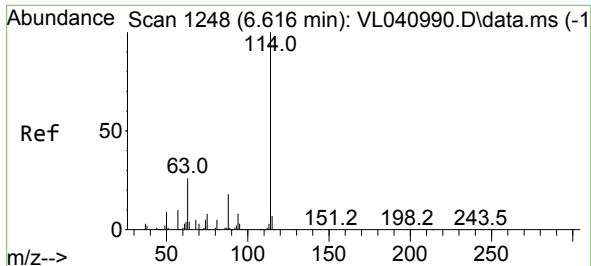
Tgt Ion: 49 Resp: 1098618
 Ion Ratio Lower Upper
 49 100
 128 48.5 23.9 71.7
 130 63.0 31.1 93.5



#20
 Methylene Chloride
 Concen: 0.133 ppbv
 RT: 3.902 min Scan# 404
 Delta R.T. 0.003 min
 Lab File: VL041012.D
 Acq: 24 Jan 2024 12:11

Tgt Ion: 84 Resp: 7165
 Ion Ratio Lower Upper
 84 100
 49 148.2 128.1 192.1
 51 56.4 36.5 54.7#
 86 89.1 54.1 81.1#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.616 min Scan# 1248

Delta R.T. -0.000 min

Lab File: VL041012.D

Acq: 24 Jan 2024 12:11

Instrument :

MSVOA_L

ClientSampleId :

VL0124ABL01

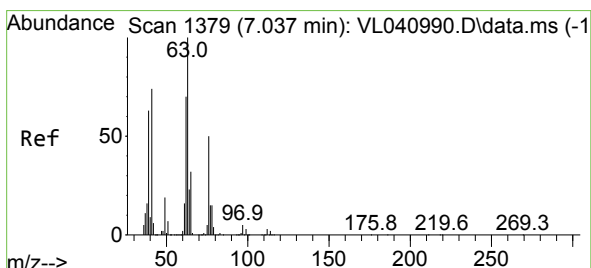
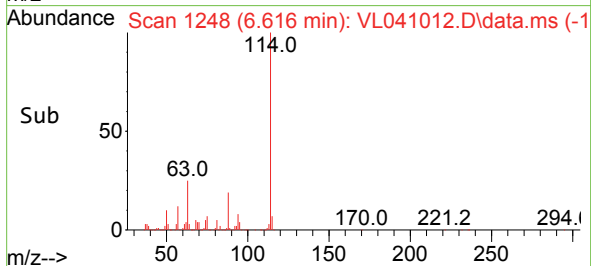
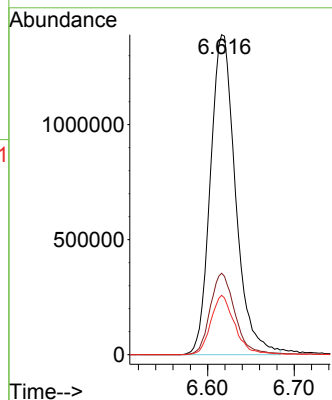
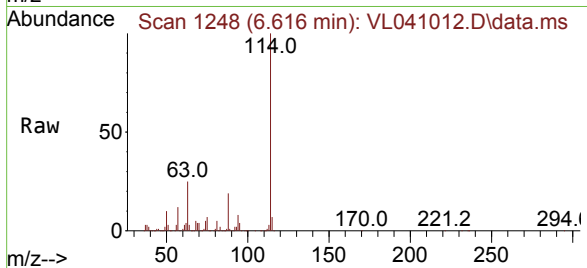
Tgt Ion:114 Resp: 2809298

Ion Ratio Lower Upper

114 100

63 25.6 20.8 31.2

88 18.0 14.3 21.5



#39

1,2-Dichloropropane

Concen: 7.748 ppbv

RT: 6.616 min Scan# 1248

Delta R.T. -0.421 min

Lab File: VL041012.D

Acq: 24 Jan 2024 12:11

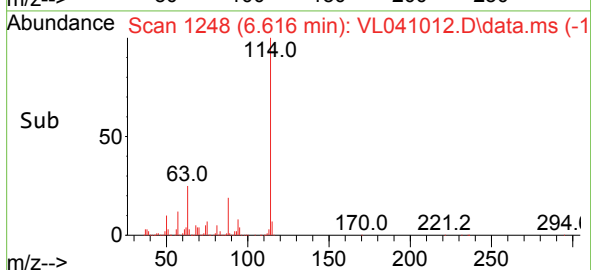
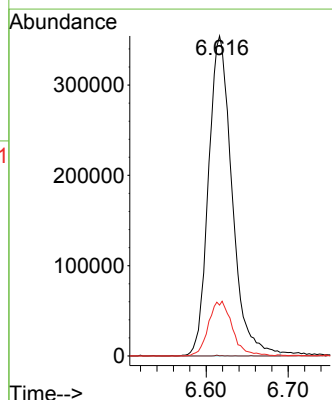
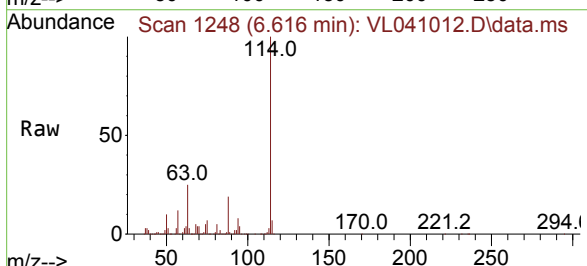
Tgt Ion: 63 Resp: 708139

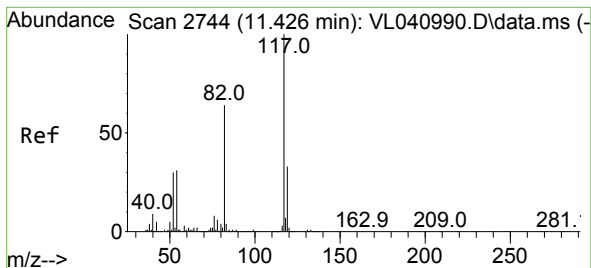
Ion Ratio Lower Upper

63 100

41 0.1 59.6 89.4#

62 15.9 55.6 83.4#

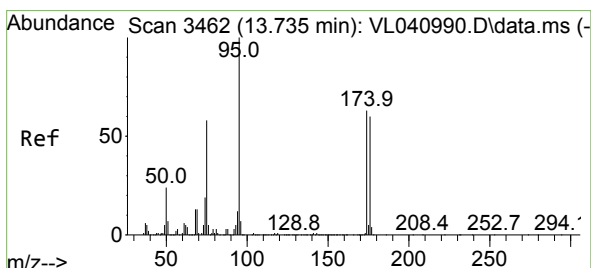
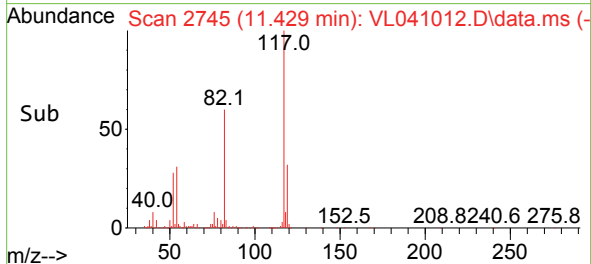
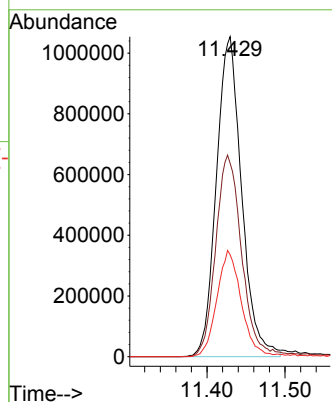
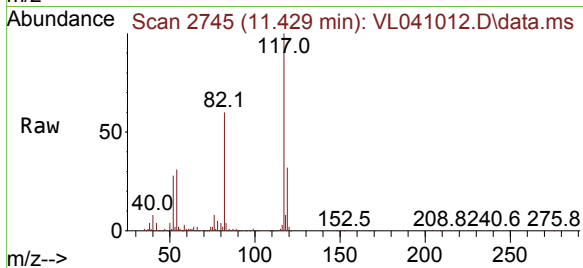




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.429 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041012.D
Acq: 24 Jan 2024 12:11

Instrument :
MSVOA_L
ClientSampleId :
VL0124ABL01

Tgt Ion:117 Resp: 2371630
Ion Ratio Lower Upper
117 100
82 66.4 51.7 77.5
119 32.9 23.8 35.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.819 ppbv
RT: 13.738 min Scan# 3463
Delta R.T. -0.000 min
Lab File: VL041012.D
Acq: 24 Jan 2024 12:11

Tgt Ion: 95 Resp: 1758927
Ion Ratio Lower Upper
95 100
174 61.9 49.1 73.7
175 4.4 3.7 5.5

