

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072524\
Data File : VL041409.D
Acq On : 25 Jul 2024 22:20
Operator : SY/MD
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Jul 29 01:44:23 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 : Fri Jul 26 07:31:14 2024
Response via : Initial Calibration

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

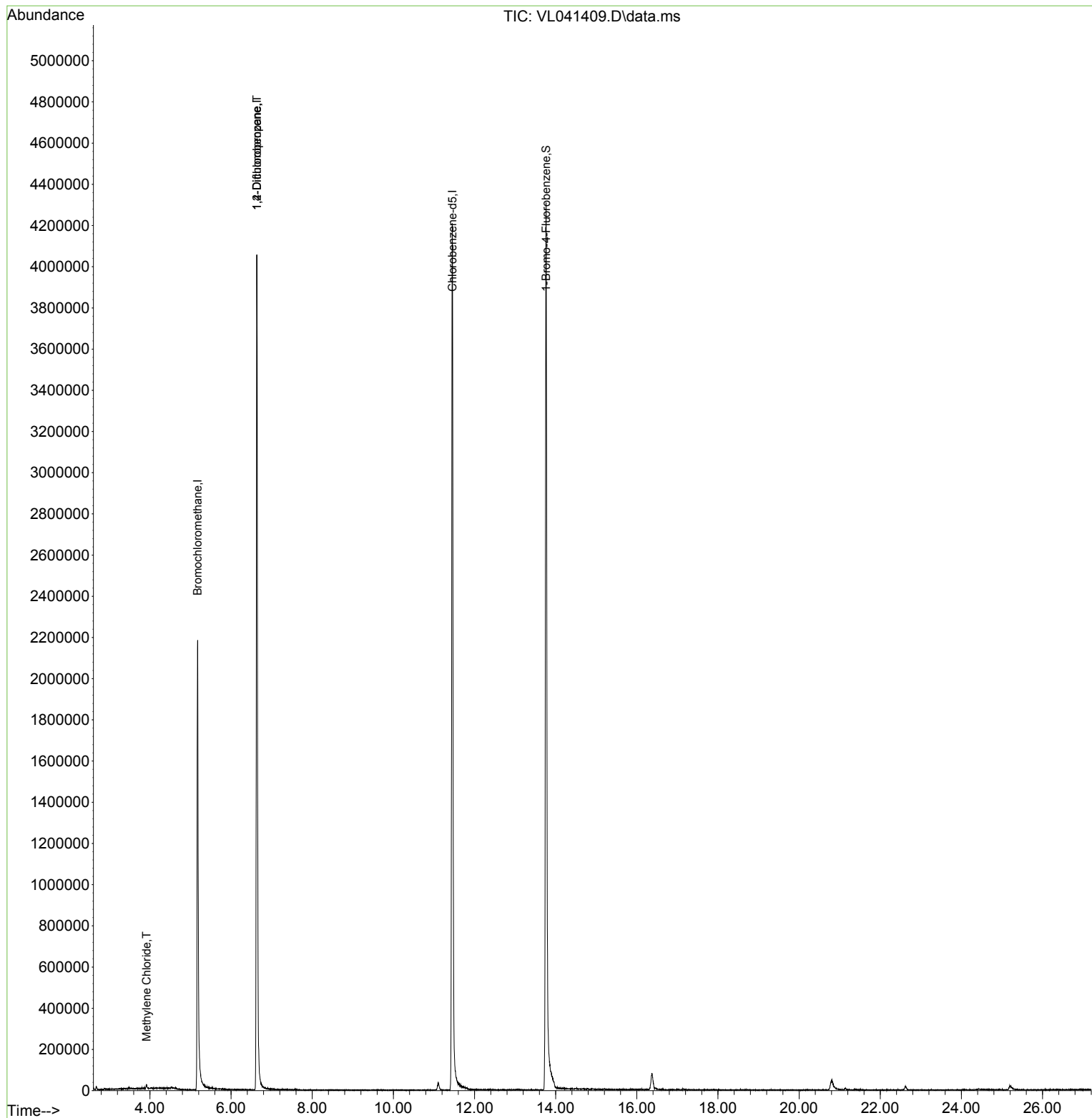
Internal Standards						
1) Bromochloromethane	5.176	49	1168322	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.635	114	3151586	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2853683	10.000	ppbv	#-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	2229474	10.152	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.500%
Target Compounds						
						Qvalue
20) Methylene Chloride	3.919	84	2030	0.041	ppbv	85
39) 1,2-Dichloropropane	6.635	63	775696	8.798	ppbv #	26

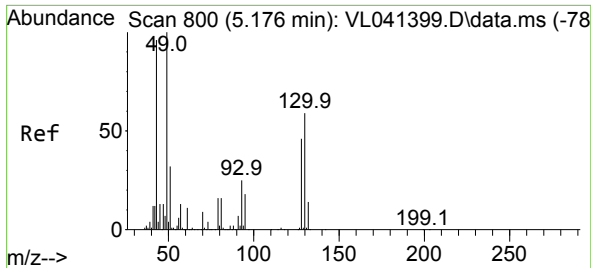
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 29 01:44:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Fri Jul 26 07:31:14 2024
Response via : Initial Calibration

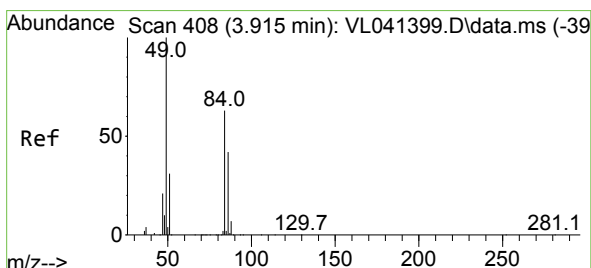
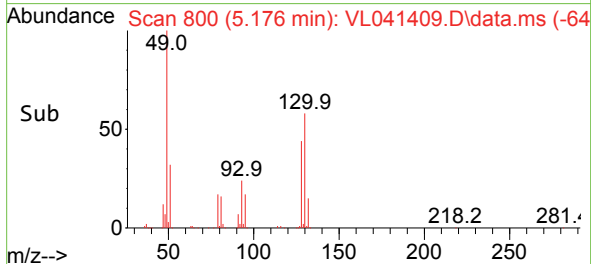
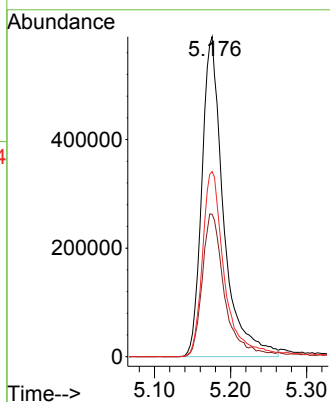
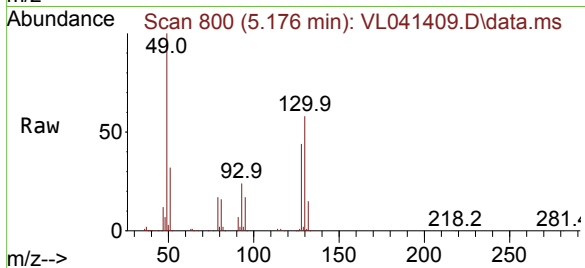




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.176 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VL041409.D
 Acq: 25 Jul 2024 22:20

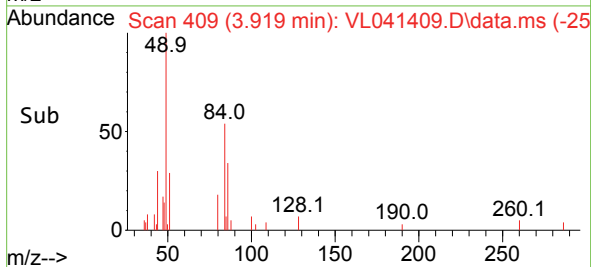
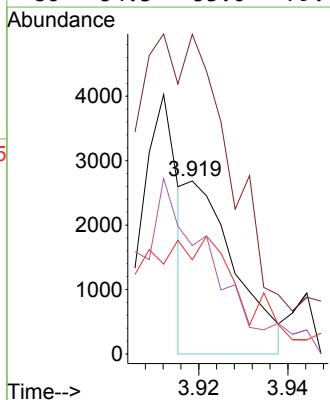
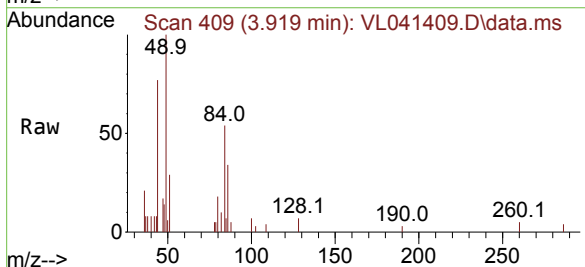
Instrument :
 MSVOA_L
 ClientSampleId :

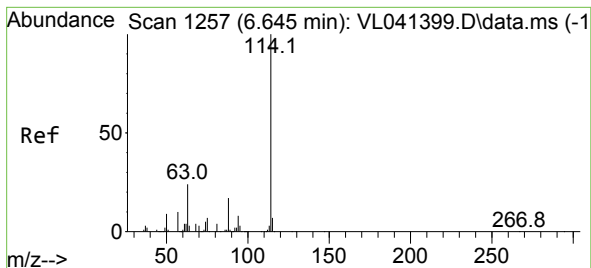
Tgt Ion: 49 Resp: 1168322
 Ion Ratio Lower Upper
 49 100
 128 47.4 23.8 71.4
 130 60.7 30.8 92.4



#20
 Methylene Chloride
 Concen: 0.041 ppbv
 RT: 3.919 min Scan# 409
 Delta R.T. 0.003 min
 Lab File: VL041409.D
 Acq: 25 Jul 2024 22:20

Tgt Ion: 84 Resp: 2030
 Ion Ratio Lower Upper
 84 100
 49 181.8 126.6 190.0
 51 45.3 38.6 58.0
 86 54.3 53.0 79.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.635 min Scan# 1254

Delta R.T. -0.010 min

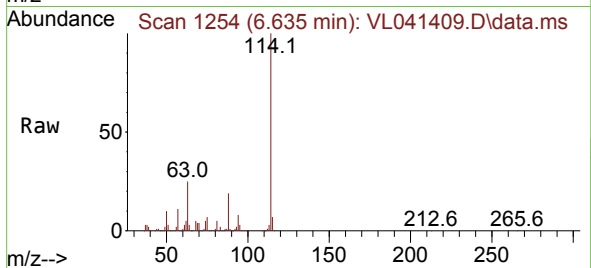
Lab File: VL041409.D

Acq: 25 Jul 2024 22:20

Instrument :

MSVOA_L

ClientSampleId :



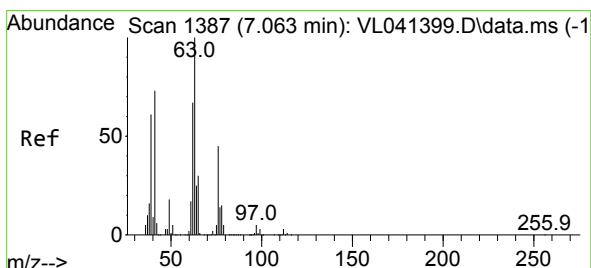
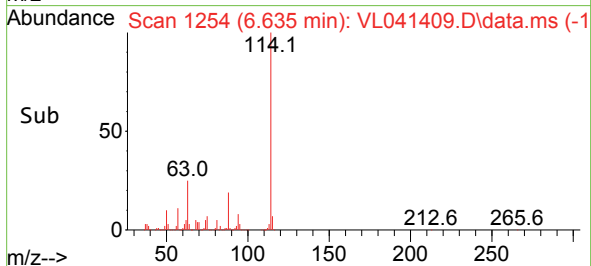
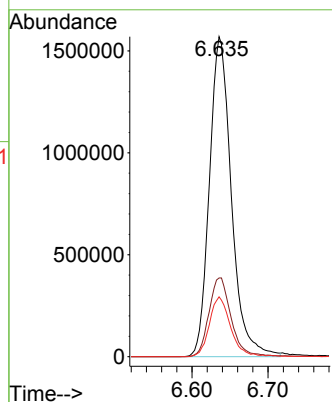
Tgt Ion:114 Resp: 3151586

Ion Ratio Lower Upper

114 100

63 25.2 20.3 30.5

88 18.2 14.3 21.5



#39

1,2-Dichloropropane

Concen: 8.798 ppbv

RT: 6.635 min Scan# 1254

Delta R.T. -0.428 min

Lab File: VL041409.D

Acq: 25 Jul 2024 22:20

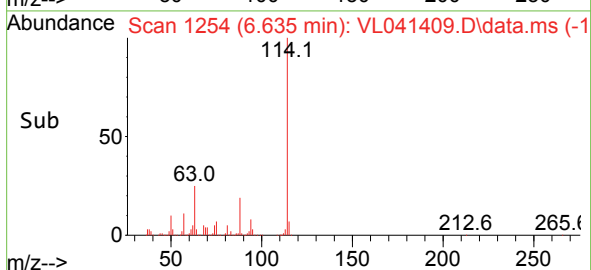
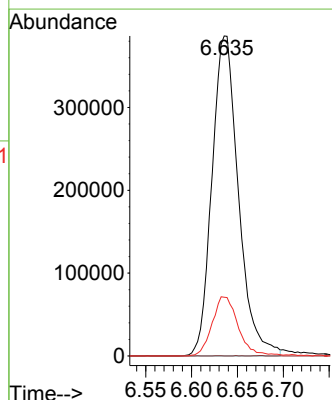
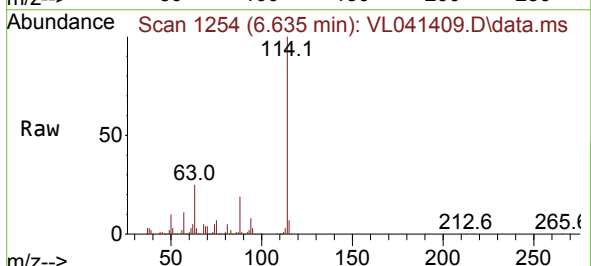
Tgt Ion: 63 Resp: 775696

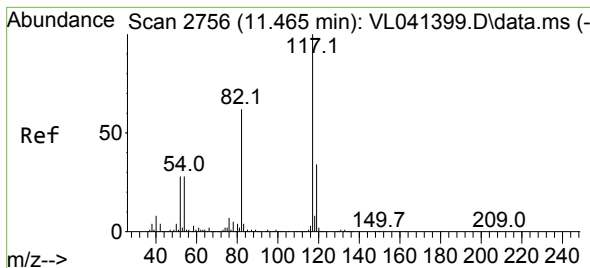
Ion Ratio Lower Upper

63 100

41 0.0 58.3 87.5#

62 18.4 53.9 80.9#

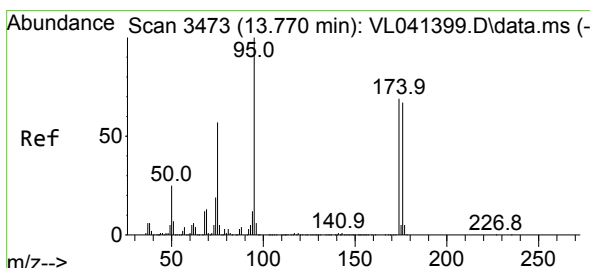
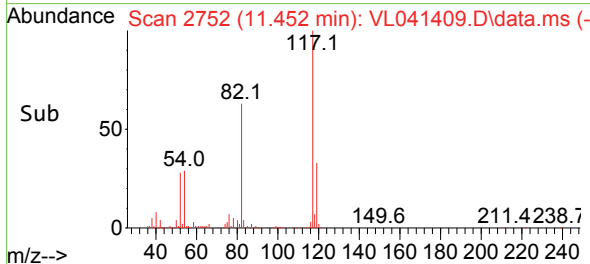
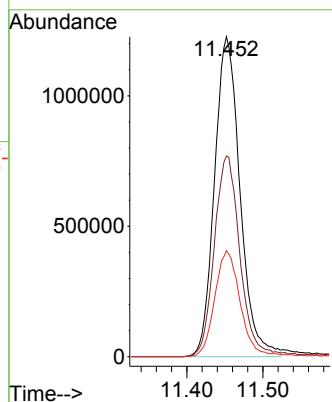
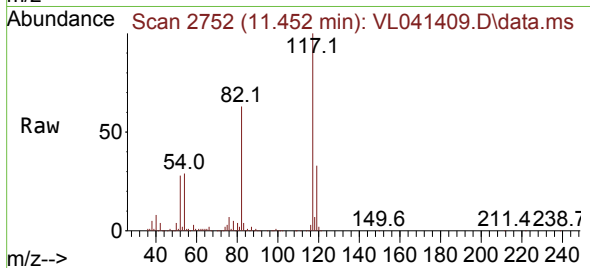




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 211
Delta R.T. -0.013 min
Lab File: VL041409.D
Acq: 25 Jul 2024 22:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2853683
Ion Ratio Lower Upper
117 100
82 64.9 51.0 76.6
119 33.8 45.2 67.8#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.152 ppbv
RT: 13.764 min Scan# 3471
Delta R.T. -0.006 min
Lab File: VL041409.D
Acq: 25 Jul 2024 22:20

Tgt Ion: 95 Resp: 2229474
Ion Ratio Lower Upper
95 100
174 71.2 56.3 84.5
175 5.2 4.0 6.0

