

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080824\
 Data File : VL041523.D
 Acq On : 8 Aug 2024 22:01
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Aug 09 06:00:37 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 Aug 06 01:32:58 2024
 Response via : Initial Calibration

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

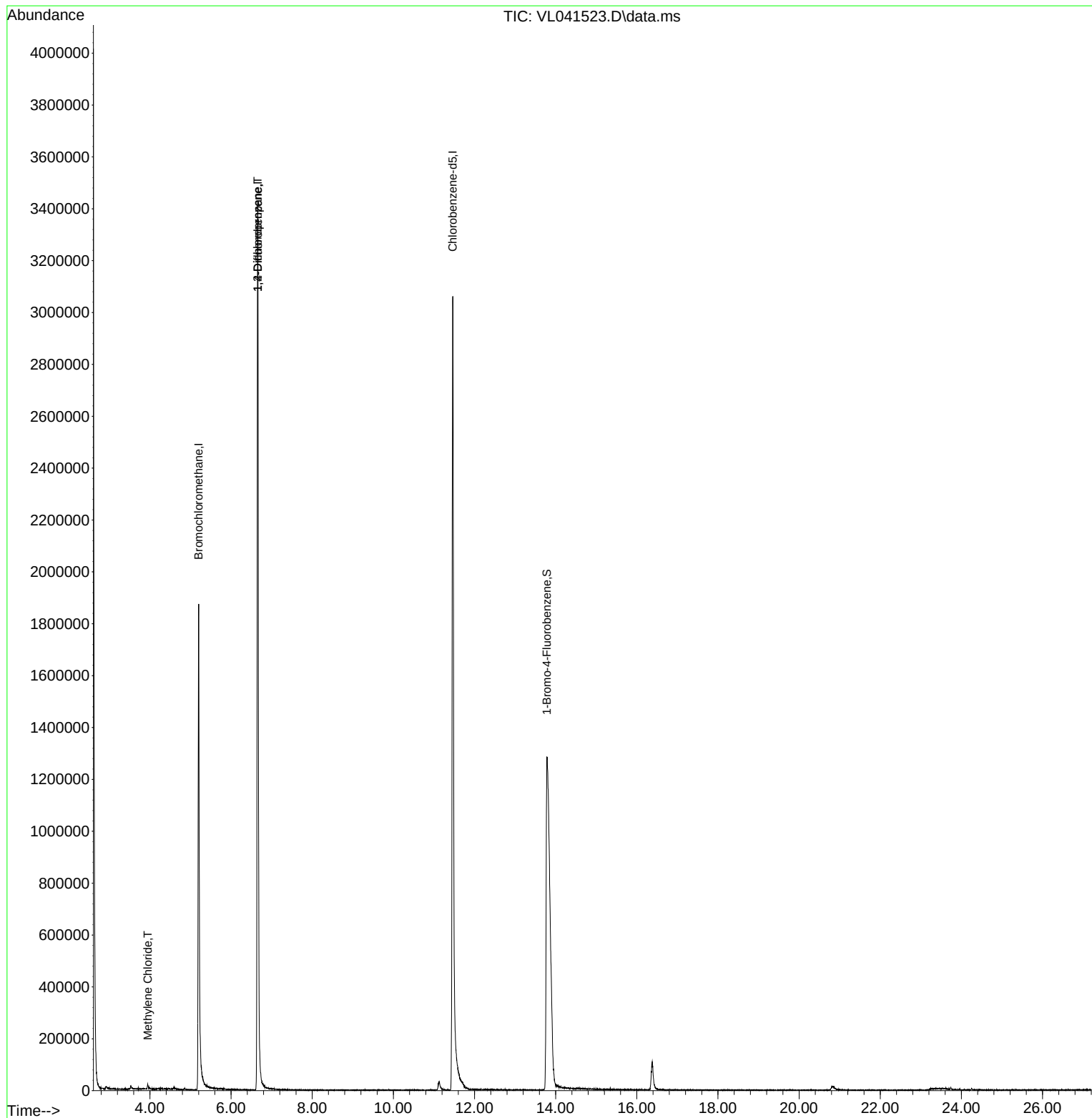
Internal Standards						
1) Bromochloromethane	5.202	49	995236	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.658	114	2770306	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2260332	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	451937	2.598	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	26.000%#
Target Compounds						
						Qvalue
20) Methylene Chloride	3.948	84	3439	0.082	ppbv #	85
39) 1,2-Dichloropropane	6.655	63	666751	8.603	ppbv #	26

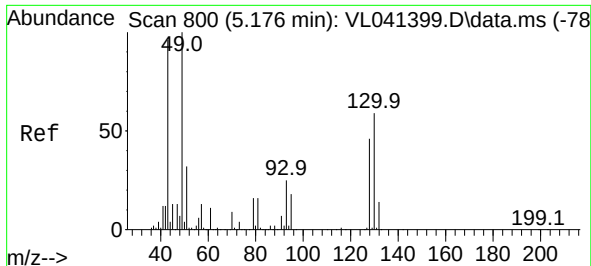
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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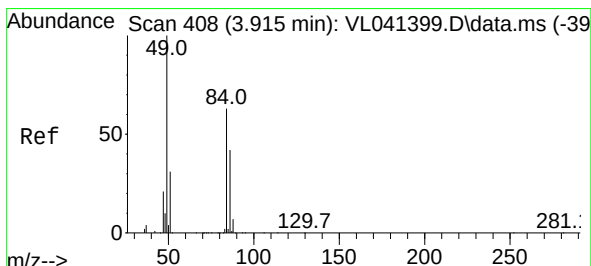
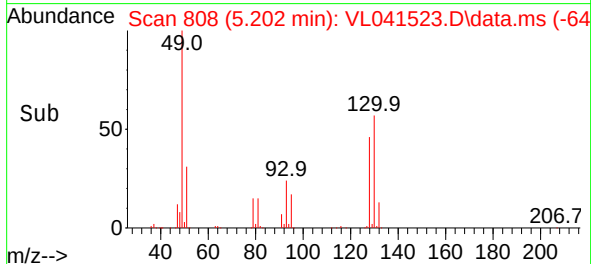
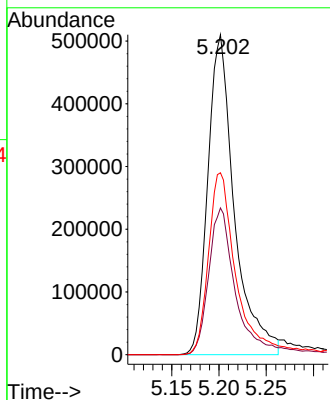
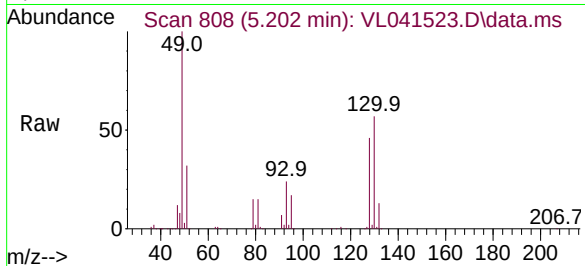




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.202 min Scan# 80
Delta R.T. 0.013 min
Lab File: VL041523.D
Acq: 8 Aug 2024 22:01

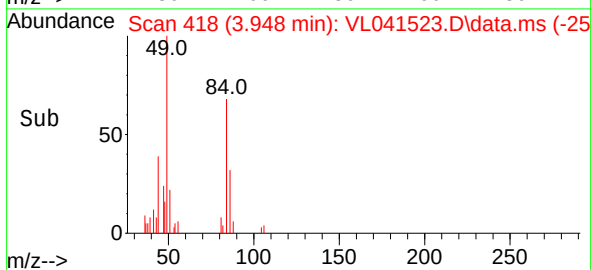
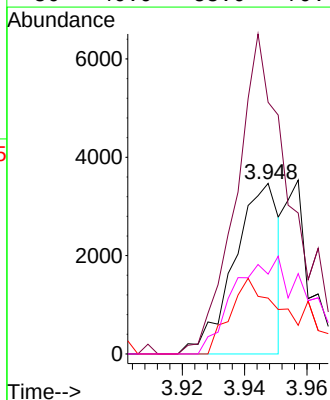
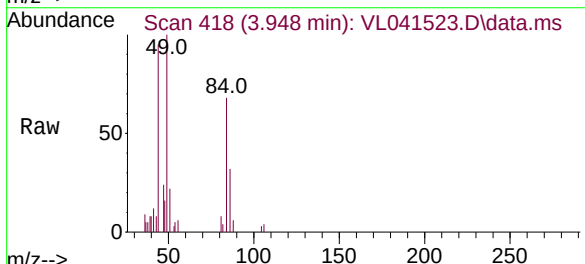
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

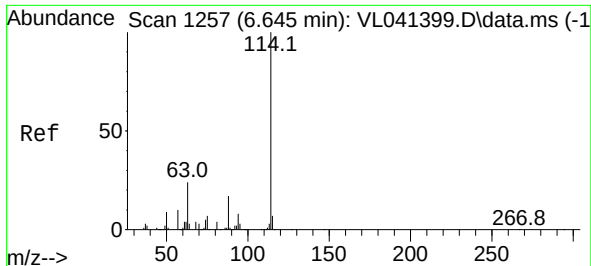
Tgt Ion: 49 Resp: 995236
Ion Ratio Lower Upper
49 100
128 49.3 23.8 71.4
130 62.3 30.8 92.4



#20
Methylene Chloride
Concen: 0.082 ppbv
RT: 3.948 min Scan# 418
Delta R.T. 0.016 min
Lab File: VL041523.D
Acq: 8 Aug 2024 22:01

Tgt Ion: 84 Resp: 3439
Ion Ratio Lower Upper
84 100
49 147.6 126.6 190.0
51 32.8 38.6 58.0#
86 46.9 53.0 79.4#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 1261

Delta R.T. 0.010 min

Lab File: VL041523.D

Acq: 8 Aug 2024 22:01

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

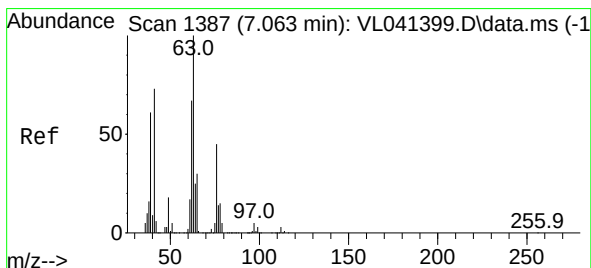
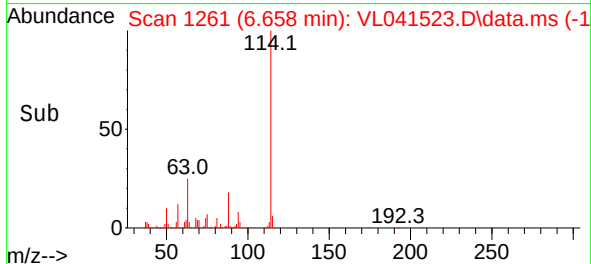
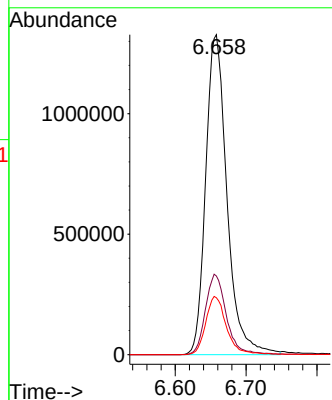
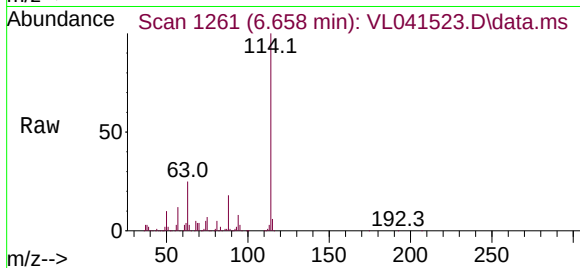
Tgt Ion:114 Resp: 2770306

Ion Ratio Lower Upper

114 100

63 25.1 20.3 30.5

88 18.0 14.3 21.5



#39

1,2-Dichloropropane

Concen: 8.603 ppbv

RT: 6.655 min Scan# 1260

Delta R.T. -0.415 min

Lab File: VL041523.D

Acq: 8 Aug 2024 22:01

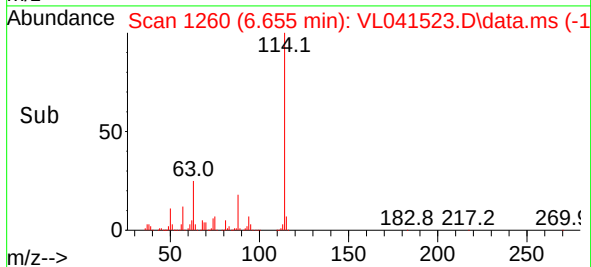
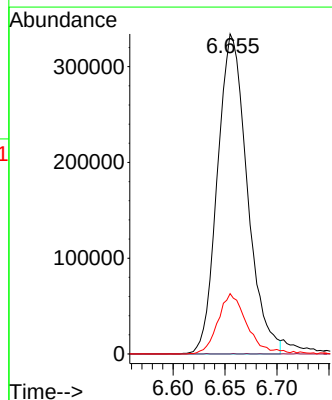
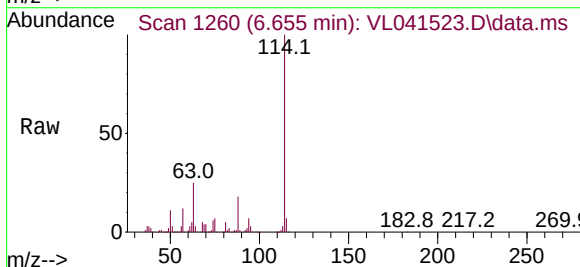
Tgt Ion: 63 Resp: 666751

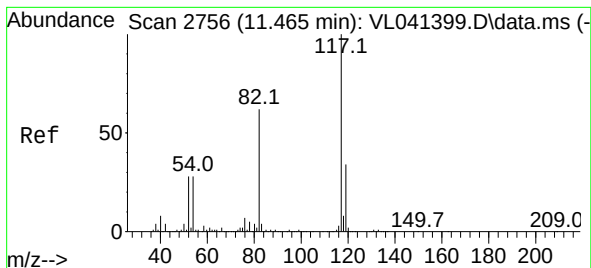
Ion Ratio Lower Upper

63 100

41 0.0 58.3 87.5#

62 18.8 53.9 80.9#

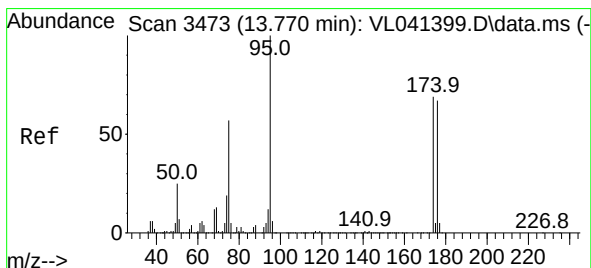
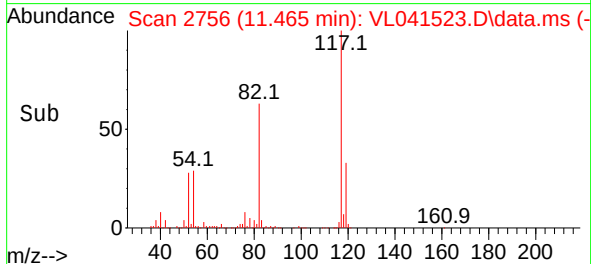
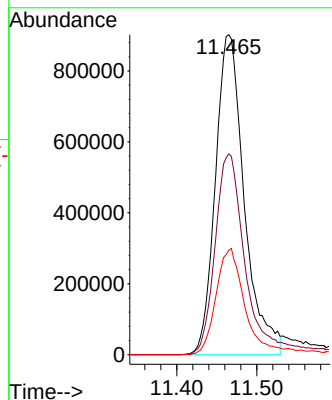
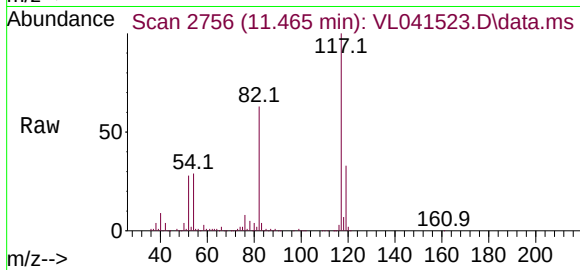




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041523.D
Acq: 8 Aug 2024 22:01

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2260332
Ion Ratio Lower Upper
117 100
82 68.5 51.0 76.6
119 35.3 45.2 67.8#



#68
1-Bromo-4-Fluorobenzene
Concen: 2.598 ppbv
RT: 13.786 min Scan# 3478
Delta R.T. 0.019 min
Lab File: VL041523.D
Acq: 8 Aug 2024 22:01

Tgt Ion: 95 Resp: 451937
Ion Ratio Lower Upper
95 100
174 265.0 56.3 84.5#
175 0.0 4.0 6.0#

