

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080923\
 Data File : VL040619.D
 Acq On : 10 Aug 2023 00:01
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Aug 10 01:34:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

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

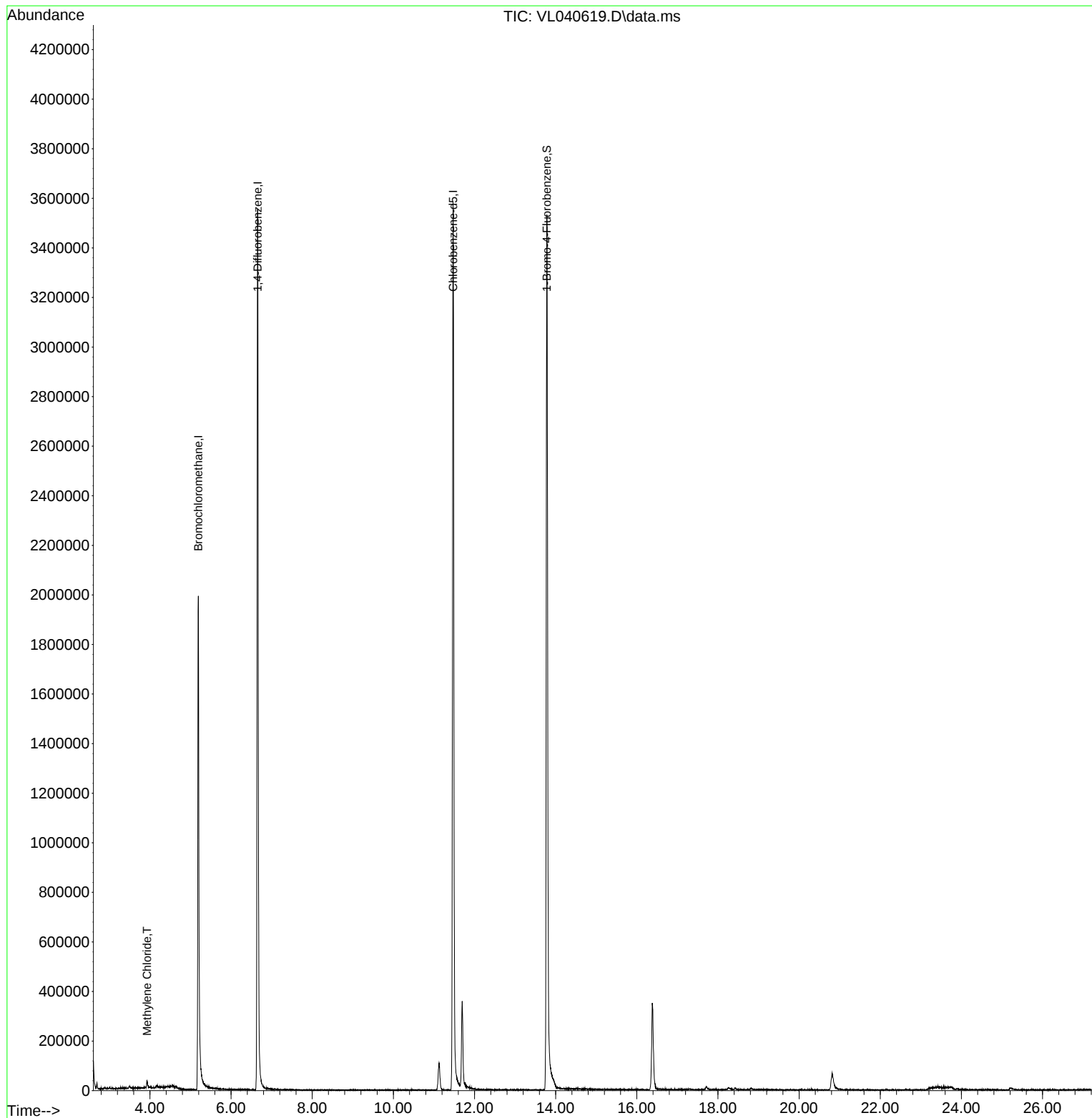
Internal Standards						
1) Bromochloromethane	5.192	49	1034812	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.655	114	2779879	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2433839	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1860429	9.658	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.600%
Target Compounds						Qvalue
20) Methylene Chloride	3.932	84	9375	0.185	ppbv	# 94

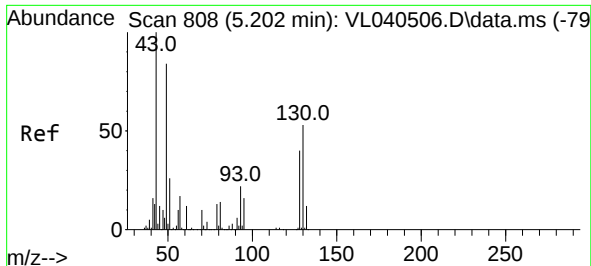
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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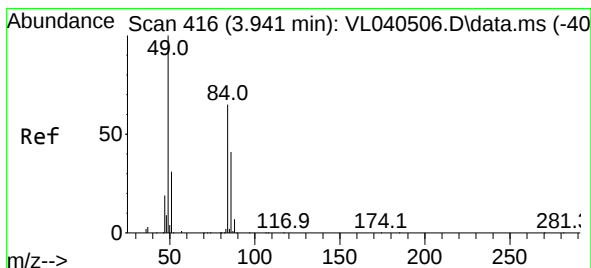
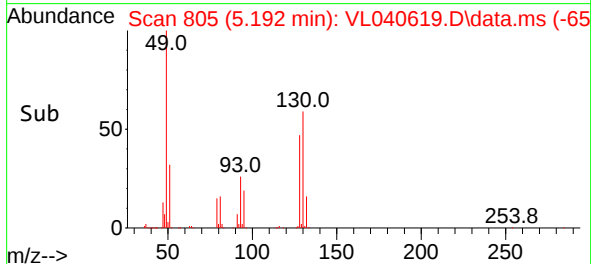
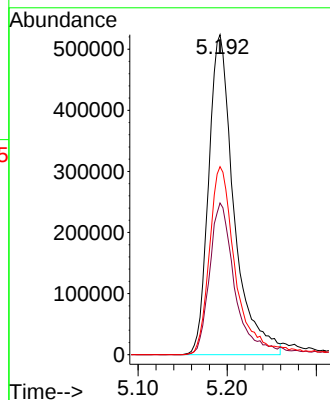
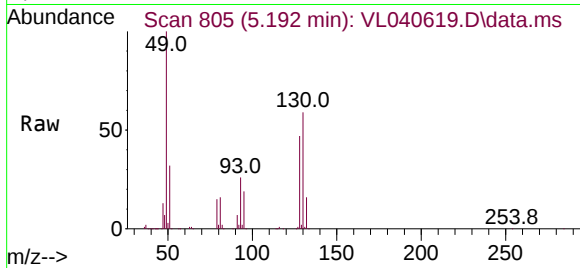




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. -0.010 min
Lab File: VL040619.D
Acq: 10 Aug 2023 00:01

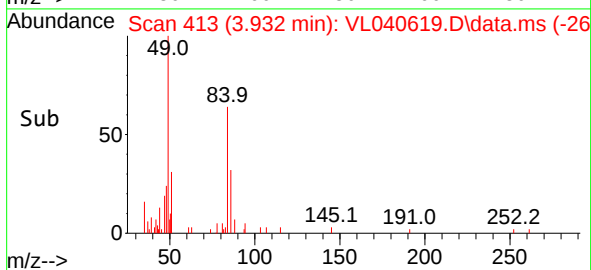
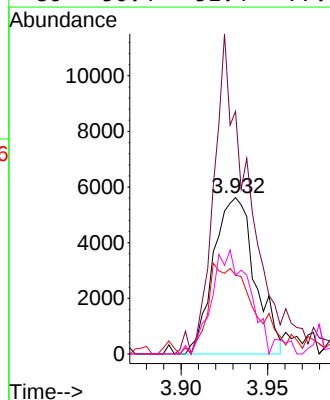
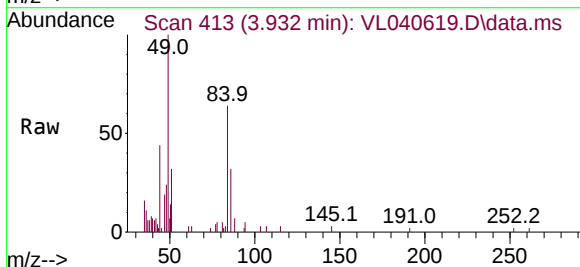
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

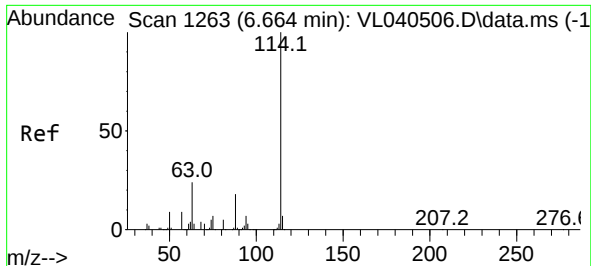
Tgt Ion: 49 Resp: 1034812
Ion Ratio Lower Upper
49 100
128 49.3 25.1 75.4
130 62.6 31.6 94.7



#20
Methylene Chloride
Concen: 0.185 ppbv
RT: 3.932 min Scan# 413
Delta R.T. -0.010 min
Lab File: VL040619.D
Acq: 10 Aug 2023 00:01

Tgt Ion: 84 Resp: 9375
Ion Ratio Lower Upper
84 100
49 152.4 123.4 185.2
51 50.4 38.3 57.5
86 50.4 51.4 77.0#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL040619.D

Acq: 10 Aug 2023 00:01

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

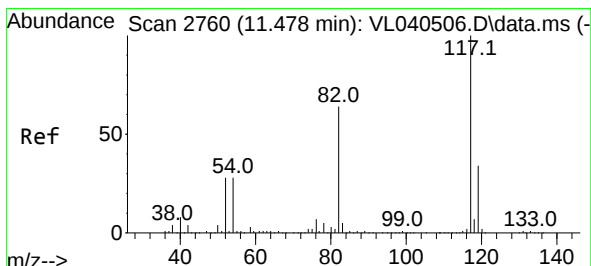
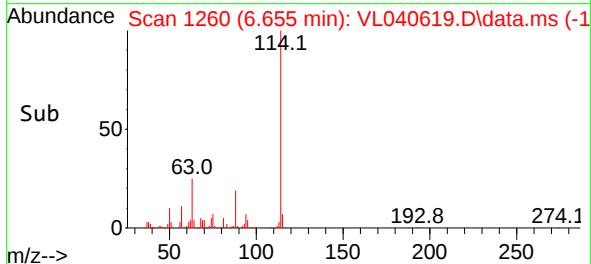
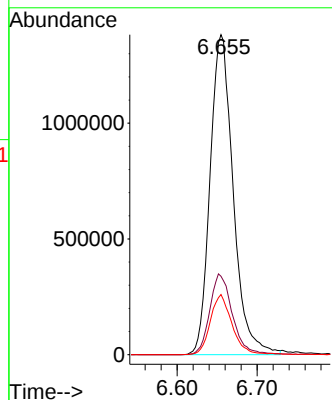
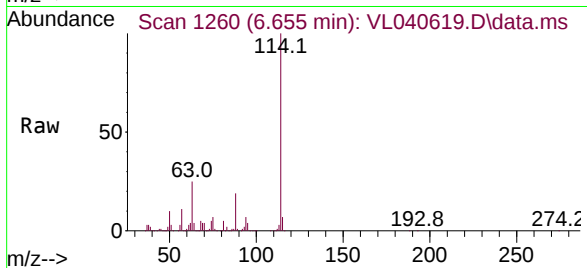
Tgt Ion:114 Resp: 2779879

Ion Ratio Lower Upper

114 100

63 25.0 19.6 29.4

88 17.8 14.2 21.2



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.471 min Scan# 2758

Delta R.T. -0.006 min

Lab File: VL040619.D

Acq: 10 Aug 2023 00:01

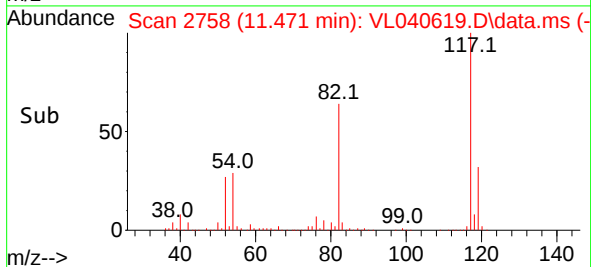
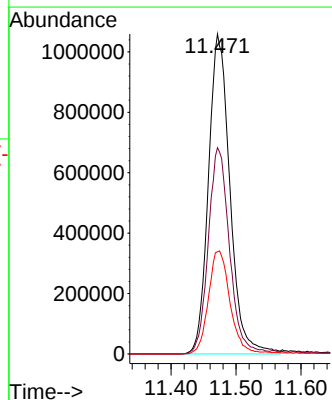
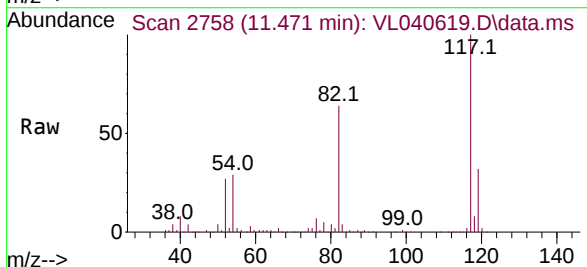
Tgt Ion:117 Resp: 2433839

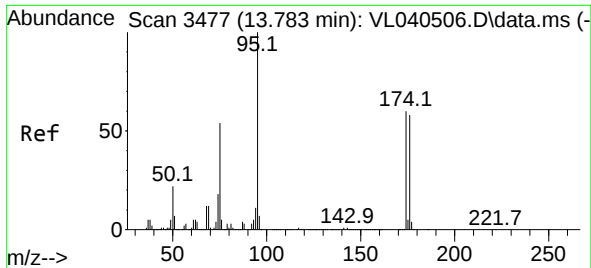
Ion Ratio Lower Upper

117 100

82 64.9 50.2 75.4

119 33.2 26.9 40.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.658 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. 0.000 min
 Lab File: VL040619.D
 Acq: 10 Aug 2023 00:01

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tgt Ion: 95 Resp: 1860429

Ion	Ratio	Lower	Upper
95	100		
174	63.5	50.6	75.8
175	4.5	3.7	5.5

