

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021524\
 Data File : VL041078.D
 Acq On : 16 Feb 2024 9:55
 Operator : SY/MD
 Sample : P1490-01DL3 1200X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL2

Quant Time: Feb 17 00:13:16 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 : Sat Feb 17 00:11:10 2024
 Response via : Initial Calibration

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

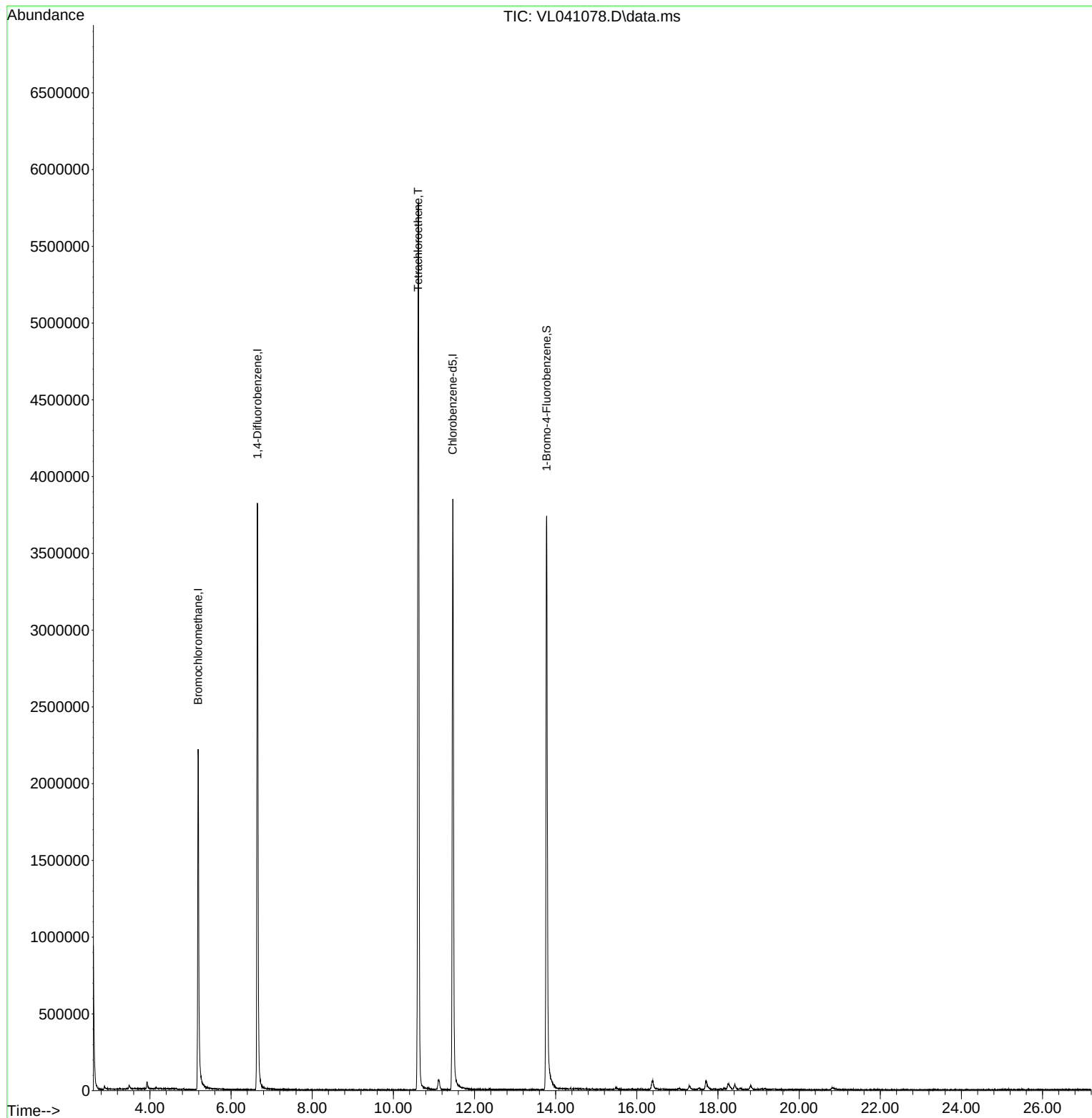
Internal Standards						
1) Bromochloromethane	5.189	49	1114824	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.648	114	2878689	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2547957	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1941710	10.089	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.900%
Target Compounds						
52) Tetrachloroethene	10.613	164	1375269	17.419	ppbv	99

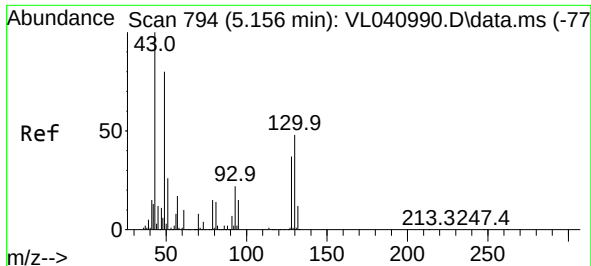
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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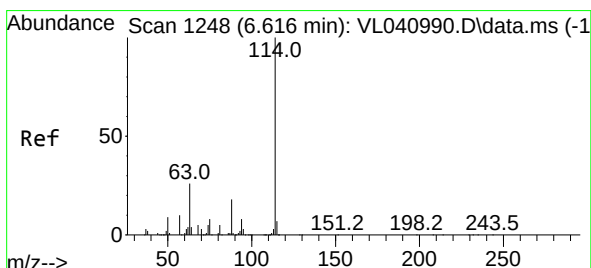
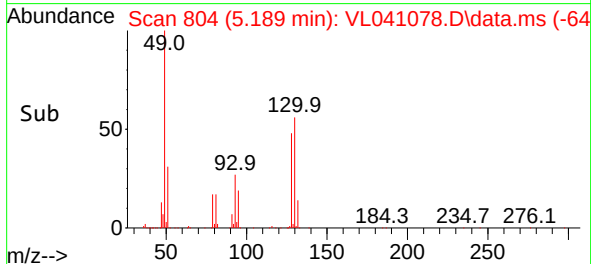
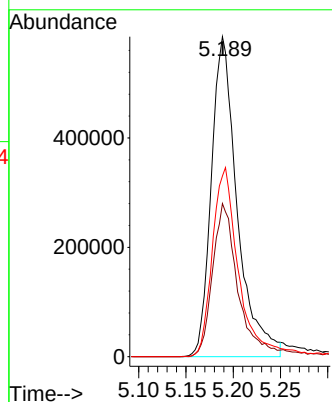
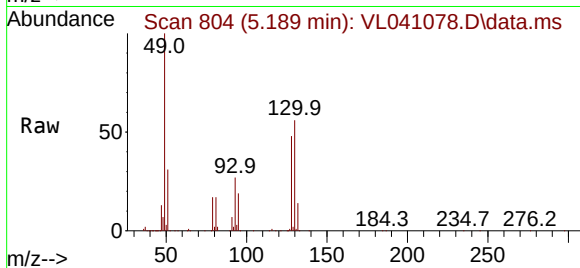




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. 0.013 min
Lab File: VL041078.D
Acq: 16 Feb 2024 9:55

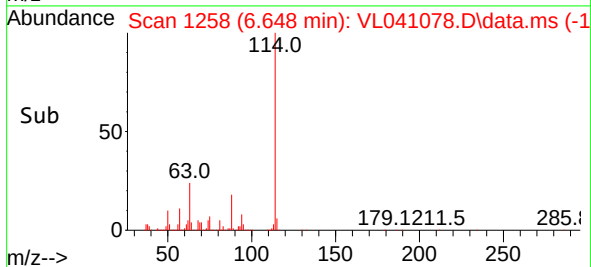
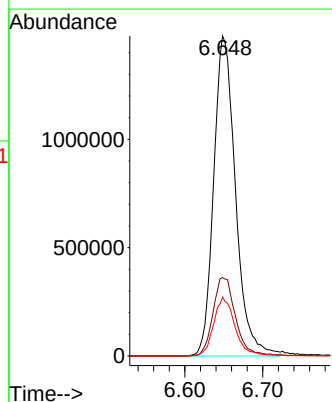
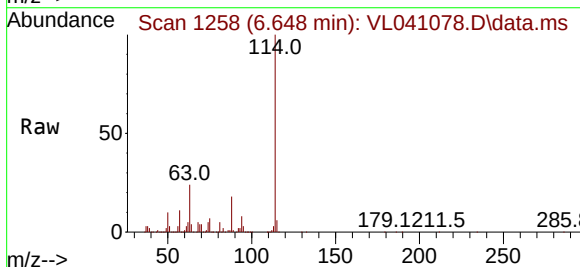
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

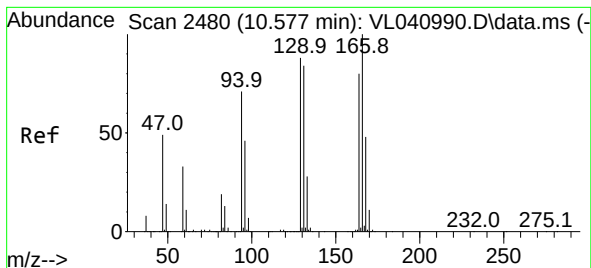
Tgt Ion: 49 Resp: 1114824
Ion Ratio Lower Upper
49 100
128 48.6 23.9 71.7
130 60.9 31.1 93.5



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. 0.010 min
Lab File: VL041078.D
Acq: 16 Feb 2024 9:55

Tgt Ion: 114 Resp: 2878689
Ion Ratio Lower Upper
114 100
63 25.5 20.8 31.2
88 18.0 14.3 21.5





#52

Tetrachloroethene

Concen: 17.419 ppbv

RT: 10.613 min Scan# 2480

Delta R.T. 0.013 min

Lab File: VL041078.D

Acq: 16 Feb 2024 9:55

Instrument :

MSVOA_L

ClientSampleId :

SV1DL2

Tgt Ion:164 Resp: 1375269

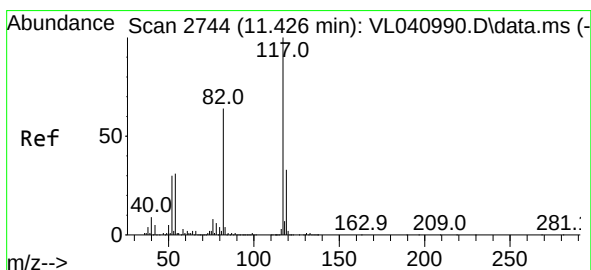
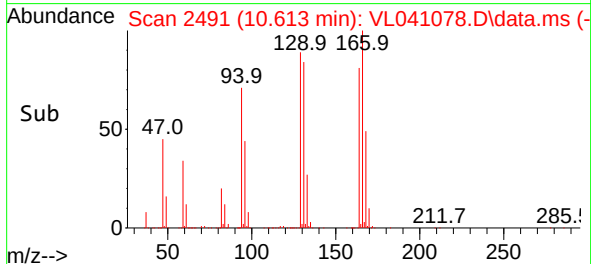
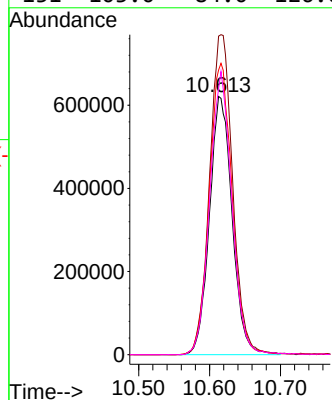
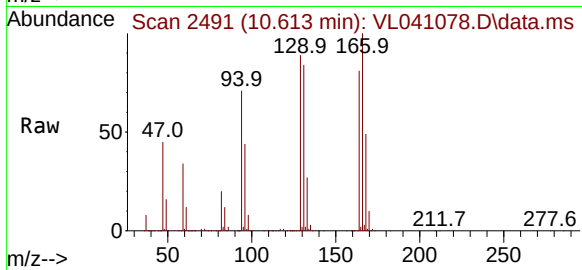
Ion Ratio Lower Upper

164 100

166 123.4 100.2 150.2

129 110.2 87.9 131.9

131 103.0 84.0 126.0



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.465 min Scan# 2756

Delta R.T. 0.013 min

Lab File: VL041078.D

Acq: 16 Feb 2024 9:55

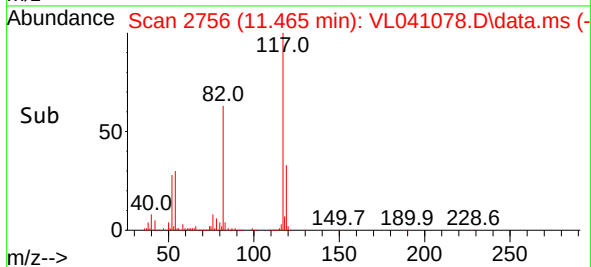
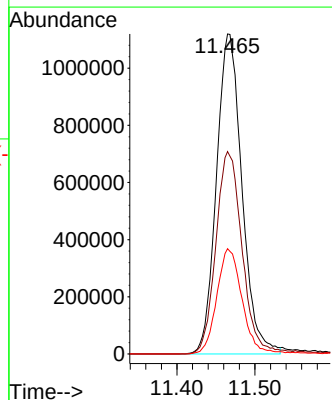
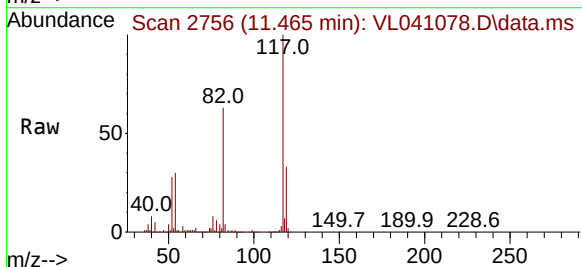
Tgt Ion:117 Resp: 2547957

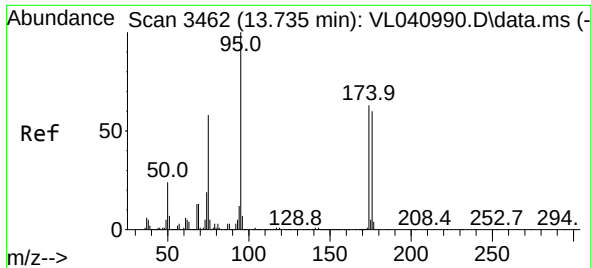
Ion Ratio Lower Upper

117 100

82 65.9 51.7 77.5

119 32.8 23.8 35.6





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.089 ppbv
 RT: 13.777 min Scan# 34
 Delta R.T. 0.016 min
 Lab File: VL041078.D
 Acq: 16 Feb 2024 9:55

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL2

Tgt Ion: 95 Resp: 1941710
 Ion Ratio Lower Upper
 95 100
 174 61.4 49.1 73.7
 175 4.6 3.7 5.5

