

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071023\
 Data File : VL040524.D
 Acq On : 11 Jul 2023 2:43
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jul 11 04:35:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	5.195	49	1060077	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2816613	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2443103	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.783	95	1863247	9.636	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.400%

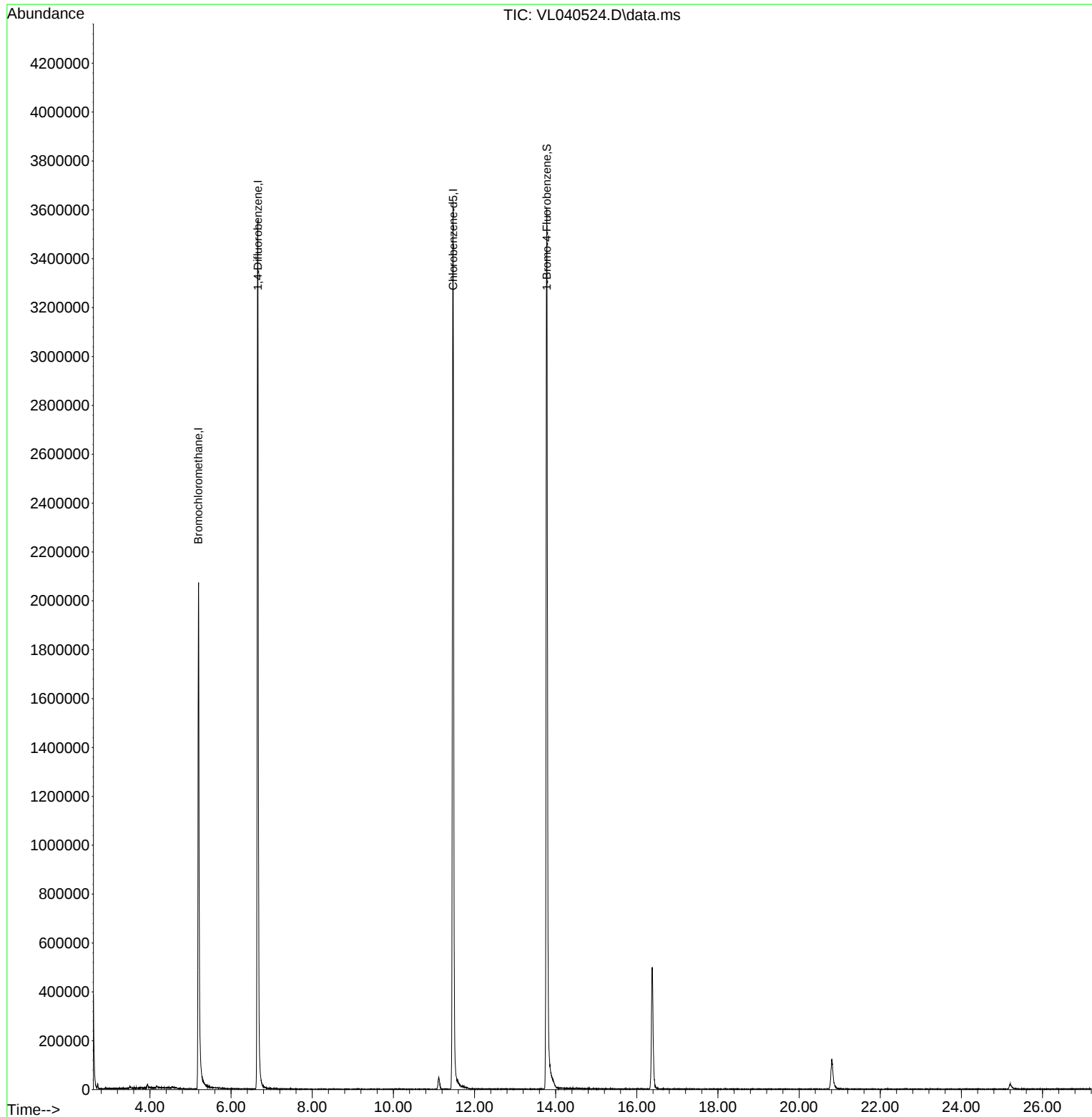
Target Compounds	Qvalue

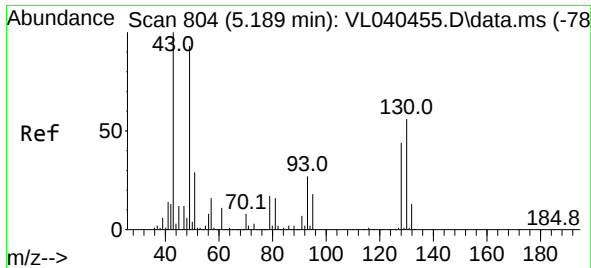
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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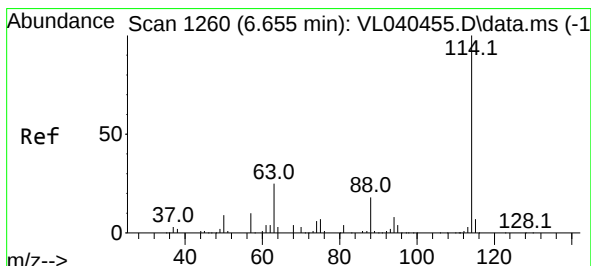
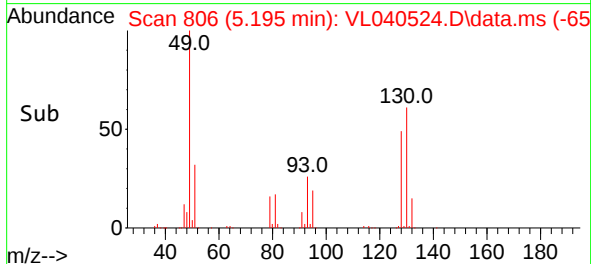
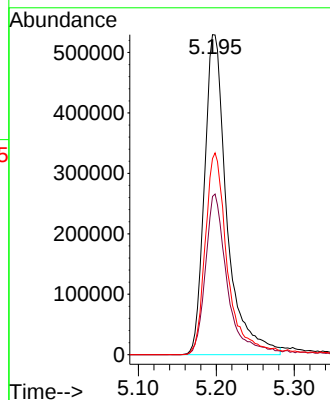
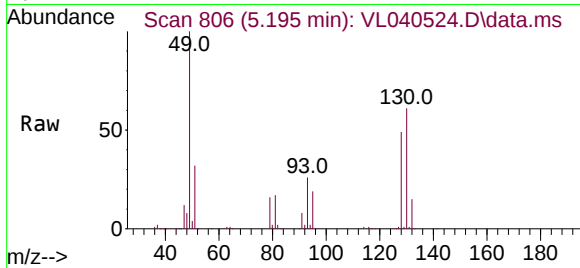




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.195 min Scan# 804
 Delta R.T. -0.007 min
 Lab File: VL040524.D
 Acq: 11 Jul 2023 2:43

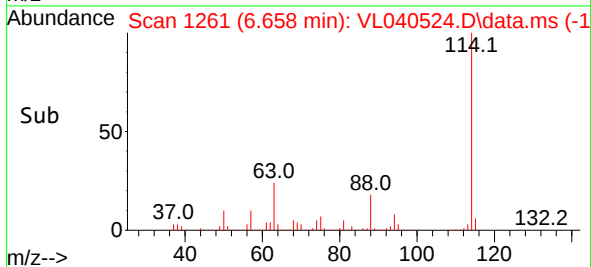
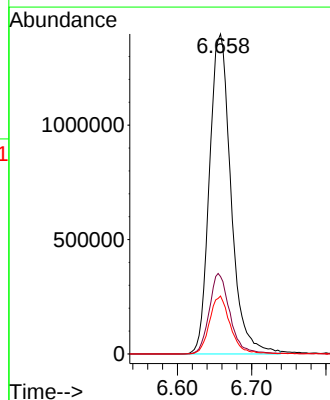
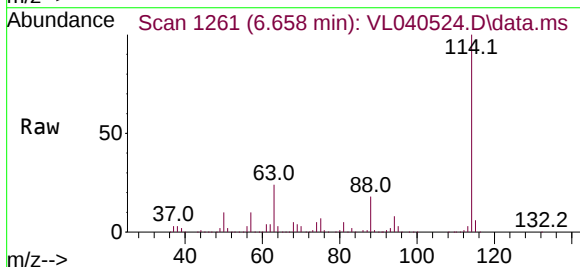
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

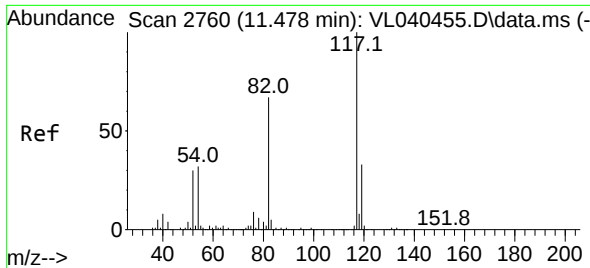
Tgt Ion: 49 Resp: 1060077
 Ion Ratio Lower Upper
 49 100
 128 50.5 25.1 75.4
 130 65.7 31.6 94.7



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.658 min Scan# 1261
 Delta R.T. -0.006 min
 Lab File: VL040524.D
 Acq: 11 Jul 2023 2:43

Tgt Ion: 114 Resp: 2816613
 Ion Ratio Lower Upper
 114 100
 63 24.4 19.6 29.4
 88 17.6 14.2 21.2

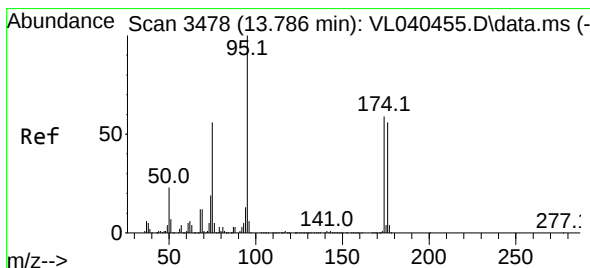
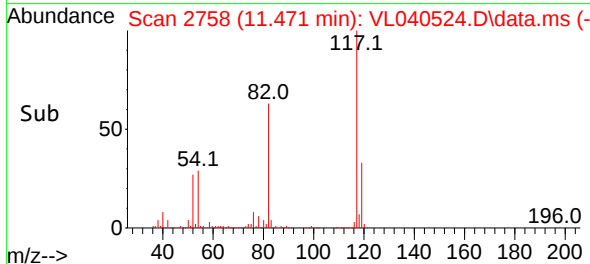
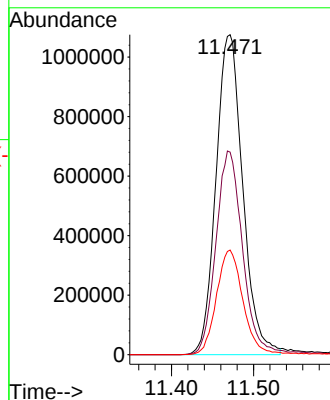
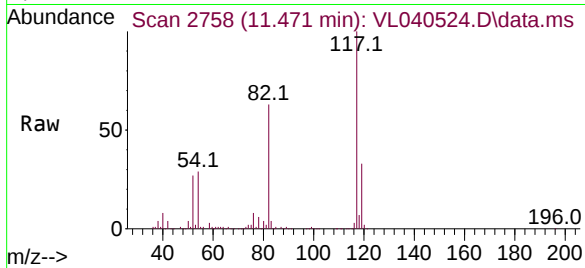




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL040524.D
Acq: 11 Jul 2023 2:43

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2443103
Ion Ratio Lower Upper
117 100
82 64.5 50.2 75.4
119 32.9 26.9 40.3



#68
1-Bromo-4-Fluorobenzene
Concen: 9.636 ppbv
RT: 13.783 min Scan# 3477
Delta R.T. -0.000 min
Lab File: VL040524.D
Acq: 11 Jul 2023 2:43

Tgt Ion: 95 Resp: 1863247
Ion Ratio Lower Upper
95 100
174 64.0 50.6 75.8
175 4.6 3.7 5.5

