

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011524\
 Data File : VL040978.D
 Acq On : 15 Jan 2024 20:08
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jan 16 12:44:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 16 03:31:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1230318	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	3249163	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.449	117	2766285	10.000	ppbv	0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1929528	9.470	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.700%

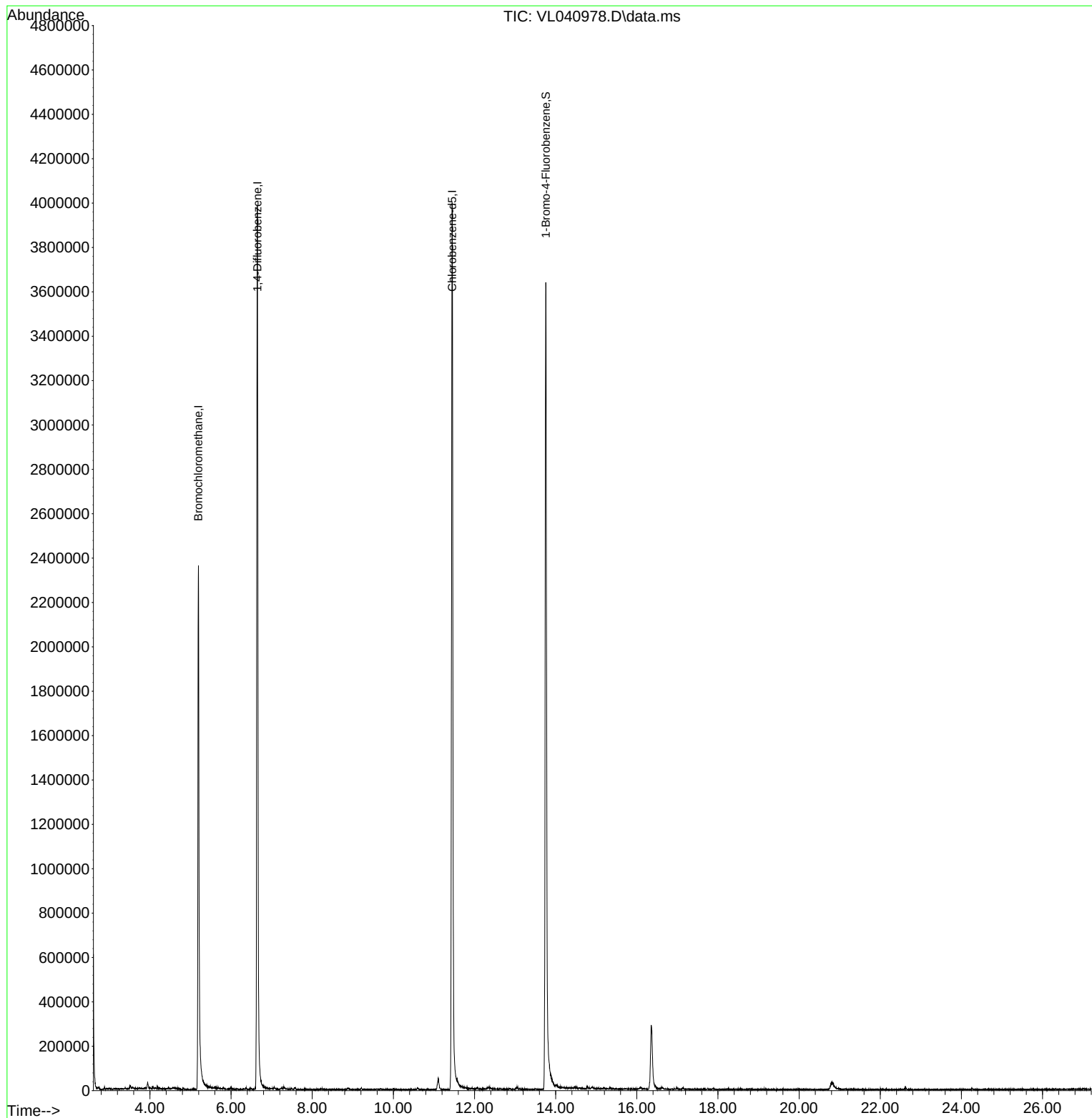
Target Compounds	Qvalue

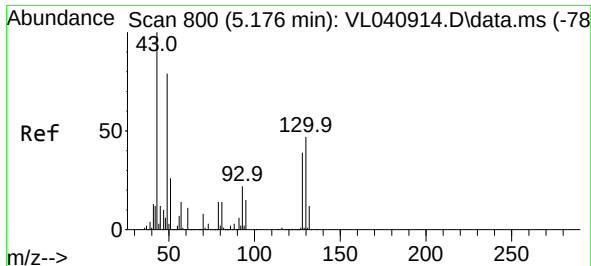
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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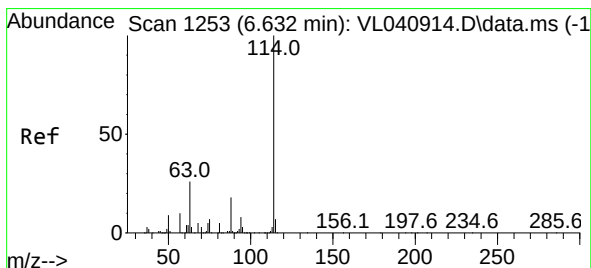
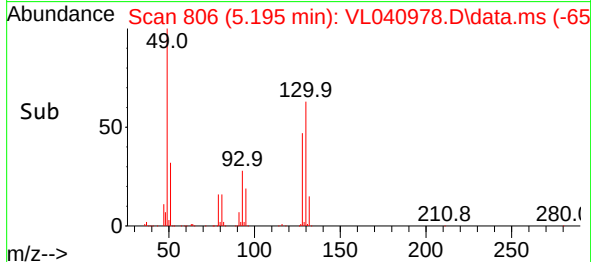
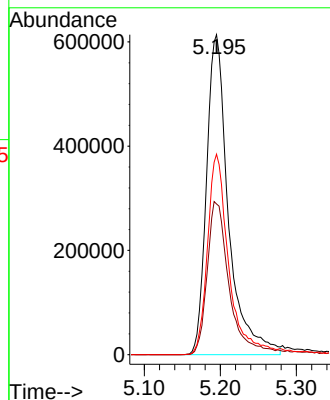
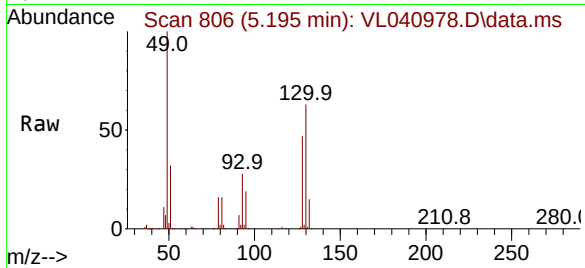




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 800
Delta R.T. 0.000 min
Lab File: VL040978.D
Acq: 15 Jan 2024 20:08

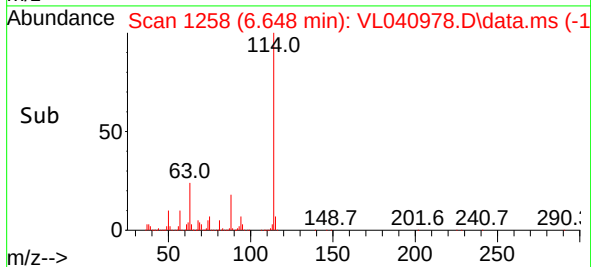
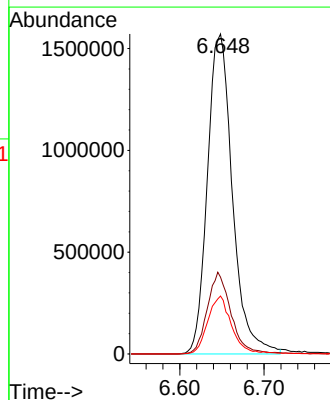
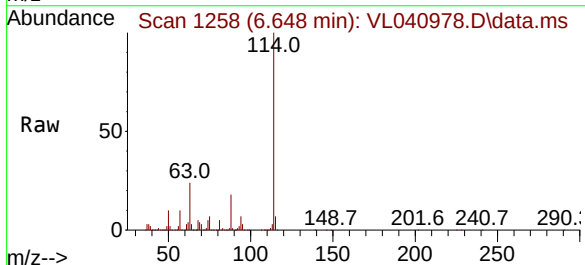
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

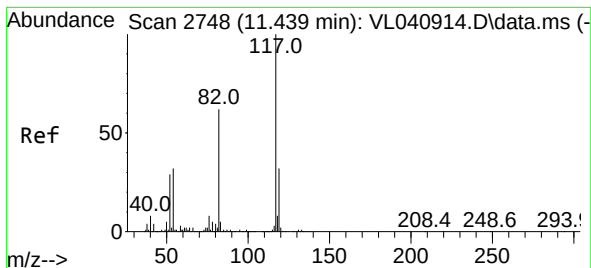
Tgt Ion: 49 Resp: 1230318
Ion Ratio Lower Upper
49 100
128 49.5 23.8 71.2
130 63.5 30.1 90.5



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VL040978.D
Acq: 15 Jan 2024 20:08

Tgt Ion: 114 Resp: 3249163
Ion Ratio Lower Upper
114 100
63 24.4 21.0 31.6
88 17.4 14.3 21.5

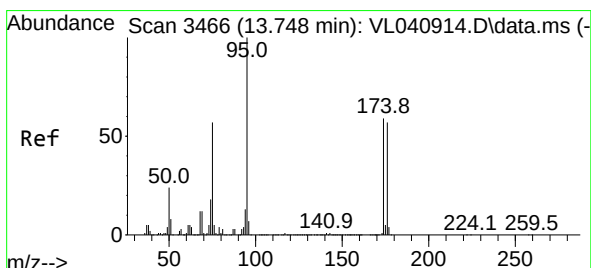
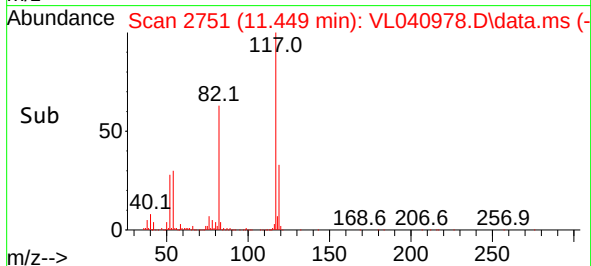
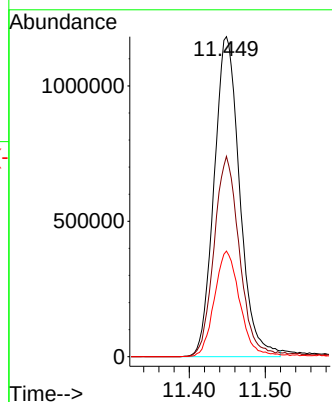
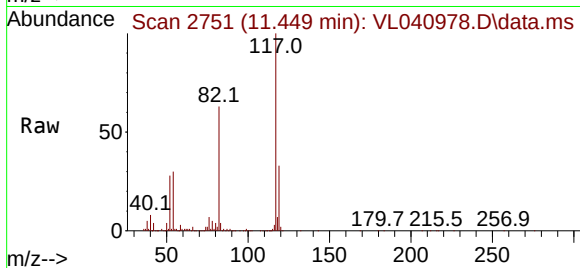




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040978.D
Acq: 15 Jan 2024 20:08

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2766285
Ion Ratio Lower Upper
117 100
82 63.3 49.6 74.4
119 33.1 23.4 35.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.470 ppbv
RT: 13.757 min Scan# 3469
Delta R.T. 0.019 min
Lab File: VL040978.D
Acq: 15 Jan 2024 20:08

Tgt Ion: 95 Resp: 1929528
Ion Ratio Lower Upper
95 100
174 66.6 48.0 72.0
175 5.0 3.7 5.5

