

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071423\
 Data File : VL040537.D
 Acq On : 14 Jul 2023 21:56
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jul 16 23:34:18 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	972829	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.652	114	2578178	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.468	117	2258968	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.773	95	1718027	9.610	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.100%

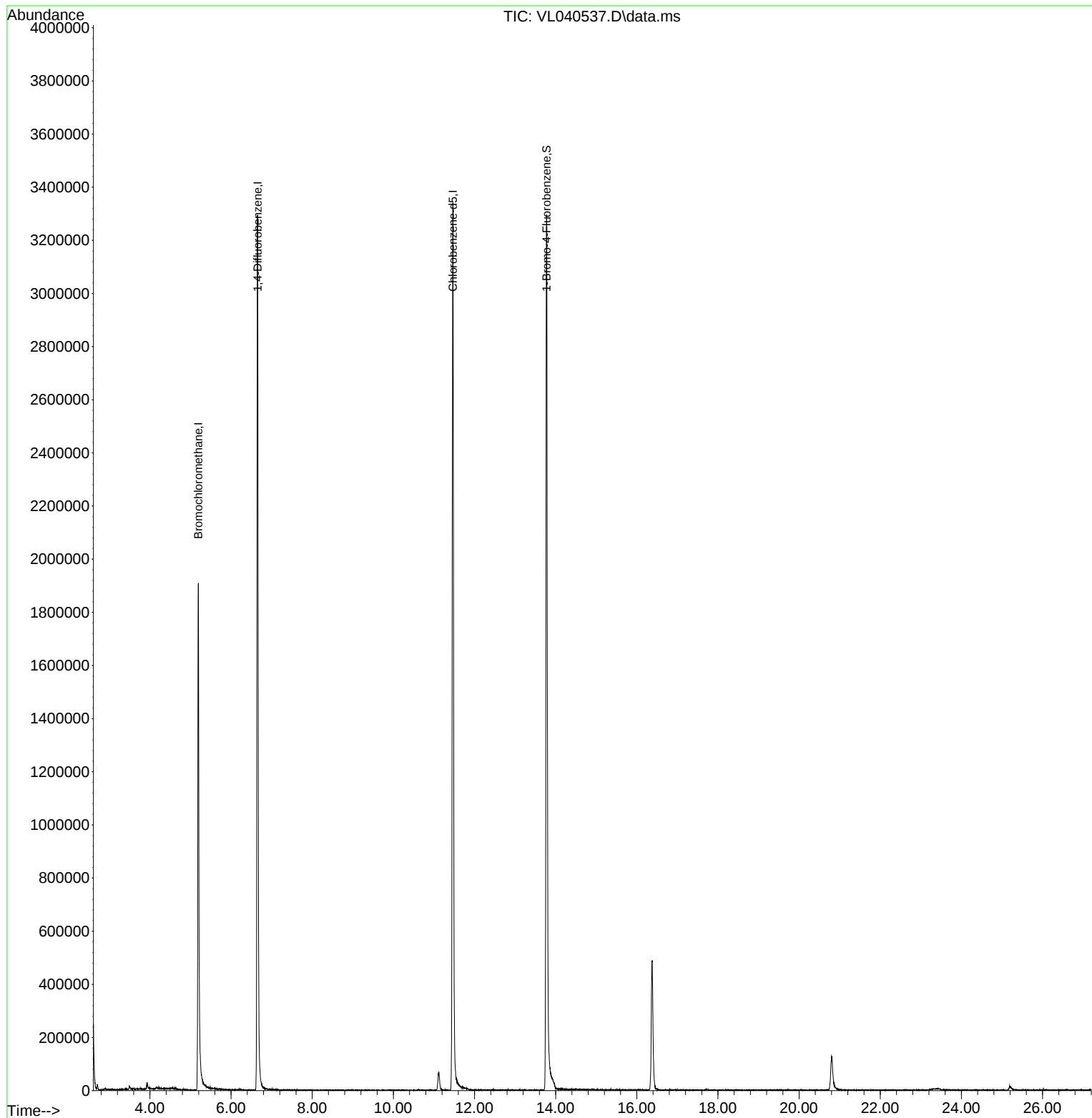
Target Compounds	Qvalue

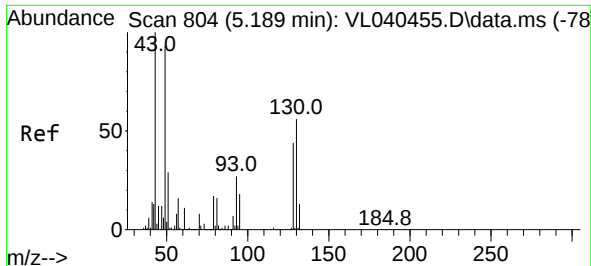
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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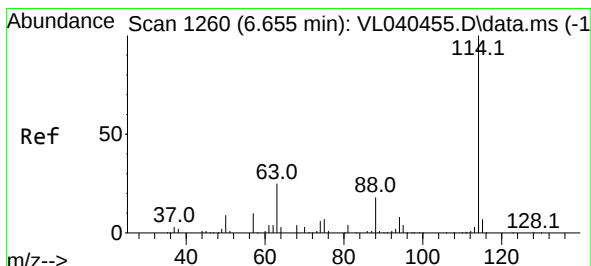
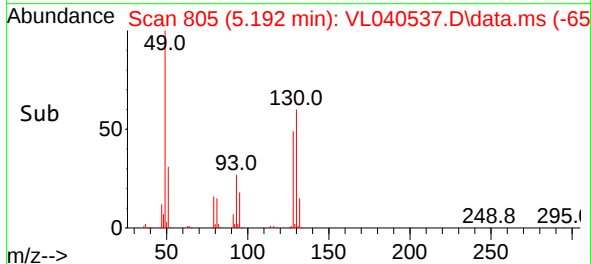
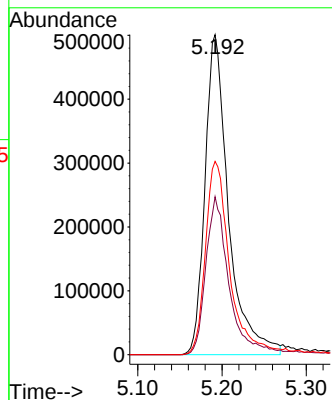
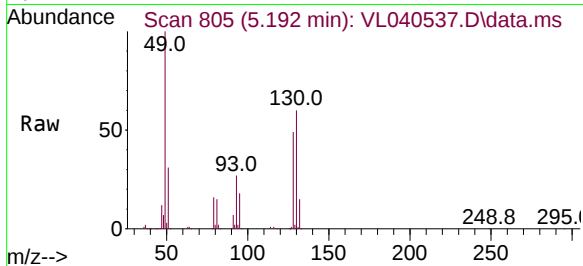




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 804
Delta R.T. -0.010 min
Lab File: VL040537.D
Acq: 14 Jul 2023 21:56

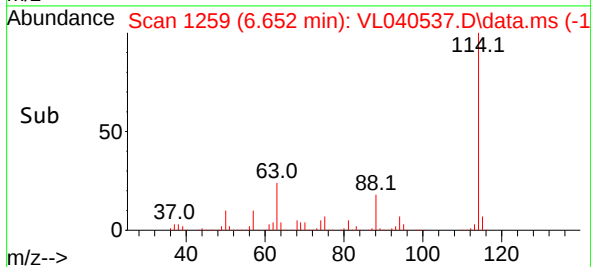
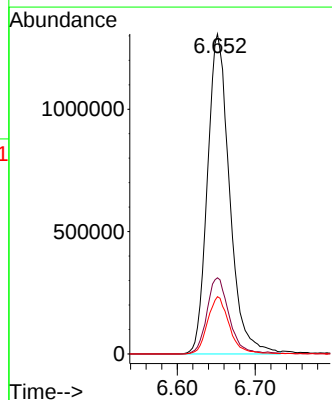
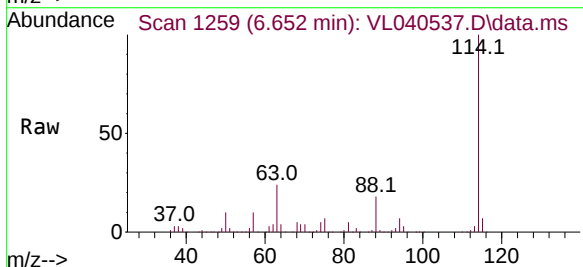
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

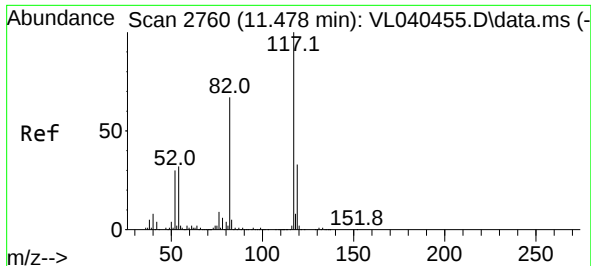
Tgt Ion: 49 Resp: 972829
Ion Ratio Lower Upper
49 100
128 50.6 25.1 75.4
130 64.6 31.6 94.7



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.652 min Scan# 1259
Delta R.T. -0.013 min
Lab File: VL040537.D
Acq: 14 Jul 2023 21:56

Tgt Ion: 114 Resp: 2578178
Ion Ratio Lower Upper
114 100
63 24.2 19.6 29.4
88 17.7 14.2 21.2

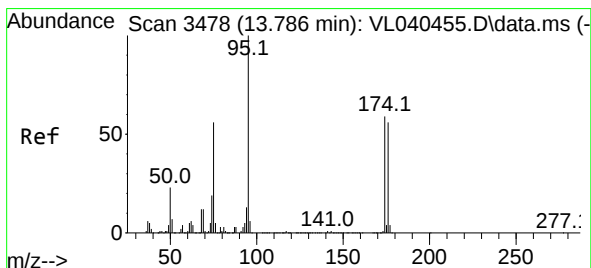
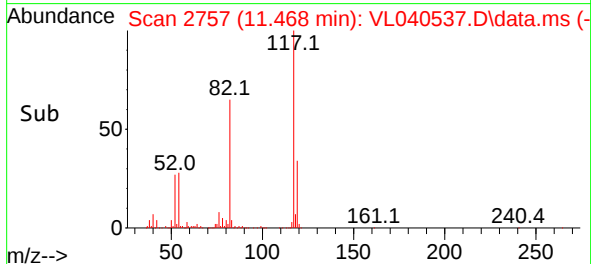
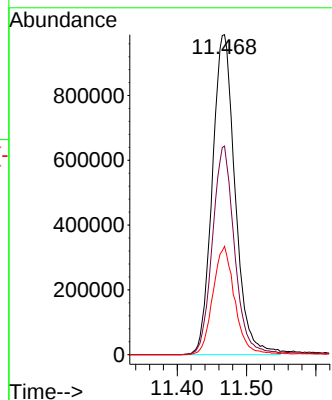
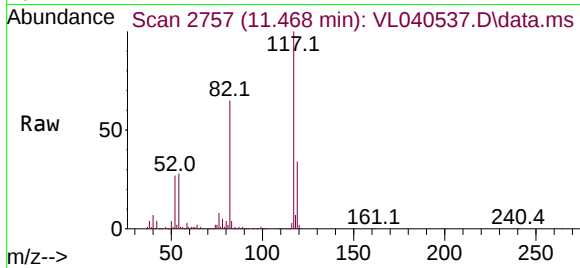




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL040537.D
Acq: 14 Jul 2023 21:56

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2258968
Ion Ratio Lower Upper
117 100
82 64.3 50.2 75.4
119 32.6 26.9 40.3



#68
1-Bromo-4-Fluorobenzene
Concen: 9.610 ppbv
RT: 13.773 min Scan# 3474
Delta R.T. -0.010 min
Lab File: VL040537.D
Acq: 14 Jul 2023 21:56

Tgt Ion: 95 Resp: 1718027
Ion Ratio Lower Upper
95 100
174 65.2 50.6 75.8
175 4.5 3.7 5.5

