

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061124\
 Data File : VL041343.D
 Acq On : 11 Jun 2024 12:14
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jun 12 01:22:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jun 12 01:18:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	1083932	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2918670	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2641366	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.780	95	1974069	9.680	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.800%

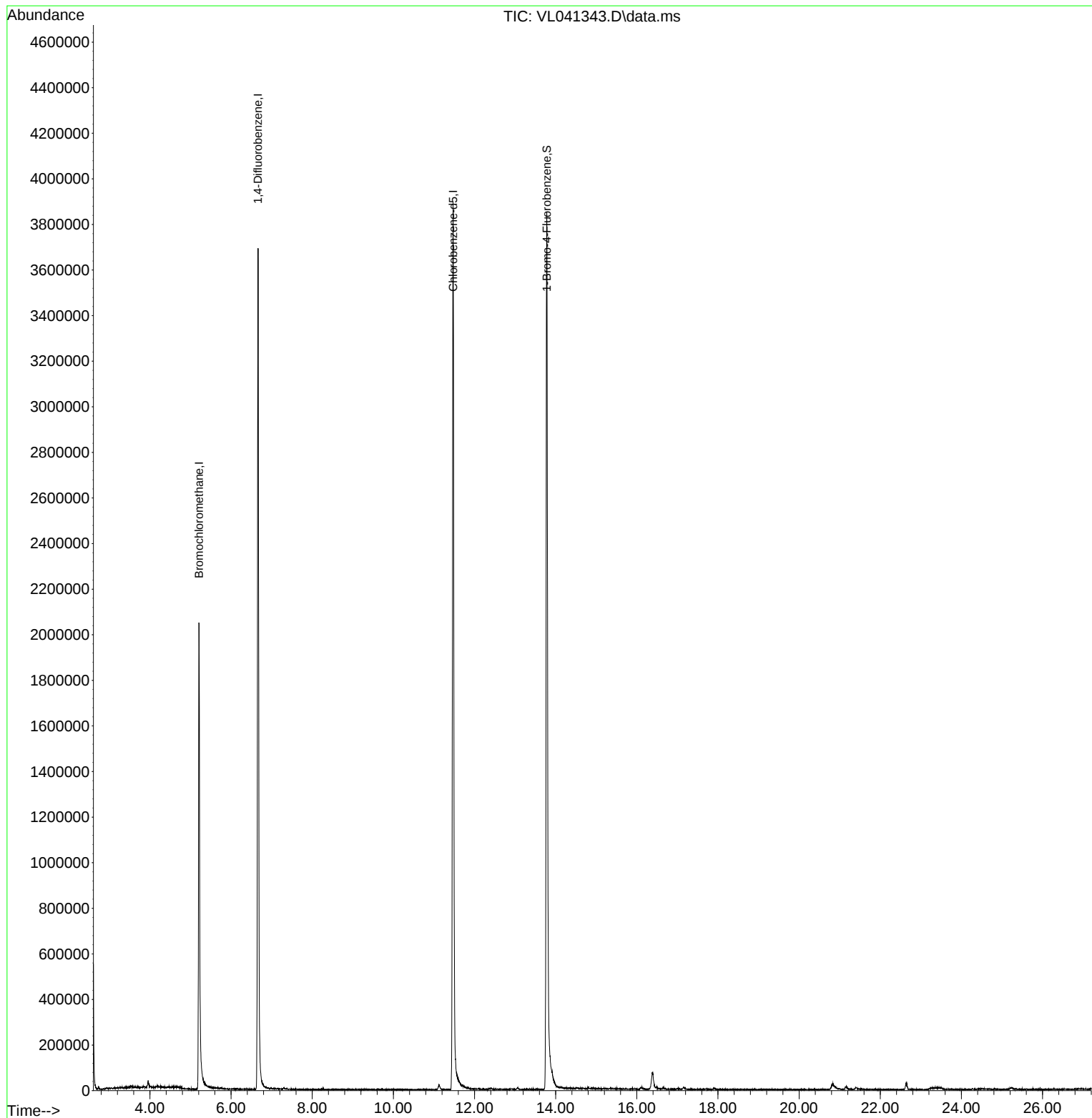
Target Compounds	Qvalue

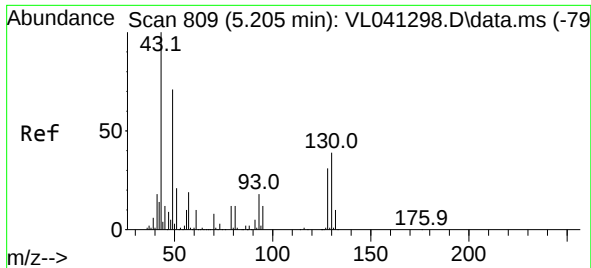
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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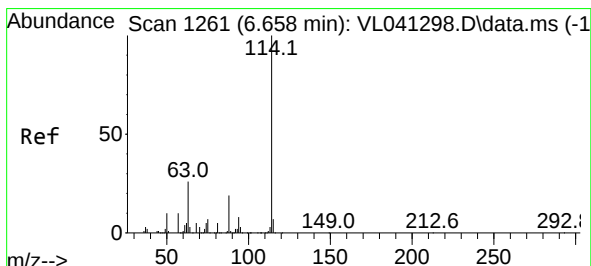
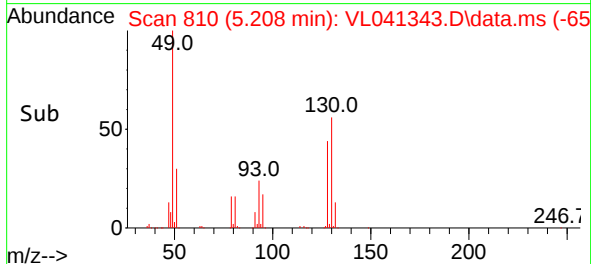
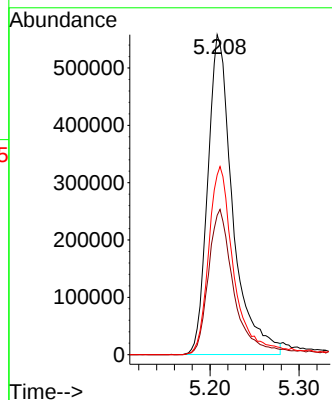
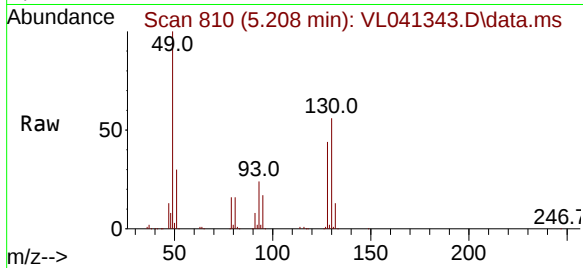




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.208 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL041343.D
 Acq: 11 Jun 2024 12:14

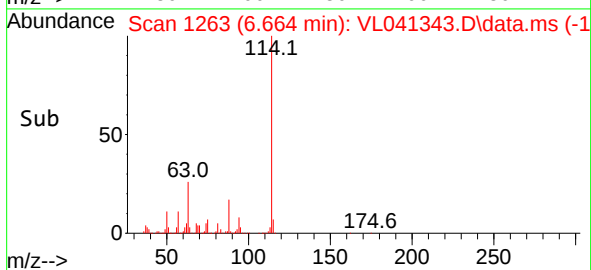
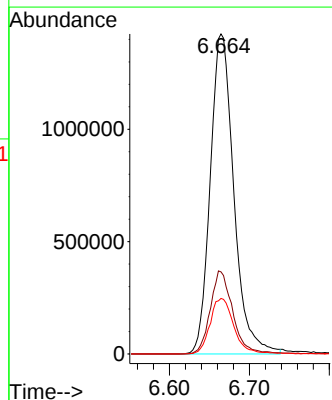
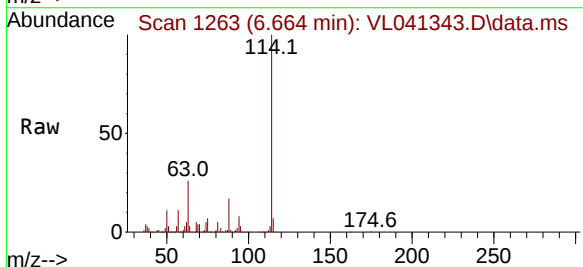
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

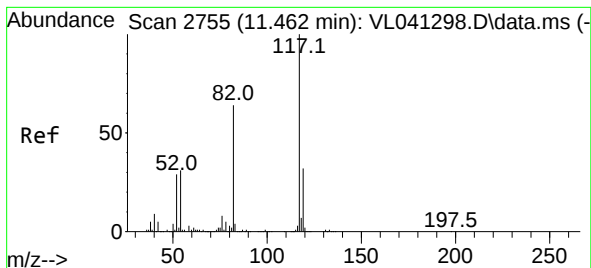
Tgt Ion: 49 Resp: 1083932
 Ion Ratio Lower Upper
 49 100
 128 48.5 22.8 68.3
 130 61.6 28.4 85.3



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.664 min Scan# 1263
 Delta R.T. -0.003 min
 Lab File: VL041343.D
 Acq: 11 Jun 2024 12:14

Tgt Ion: 114 Resp: 2918670
 Ion Ratio Lower Upper
 114 100
 63 25.0 20.6 30.8
 88 17.7 14.5 21.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.471 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL041343.D

Acq: 11 Jun 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

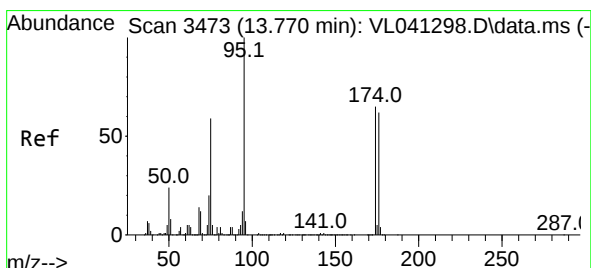
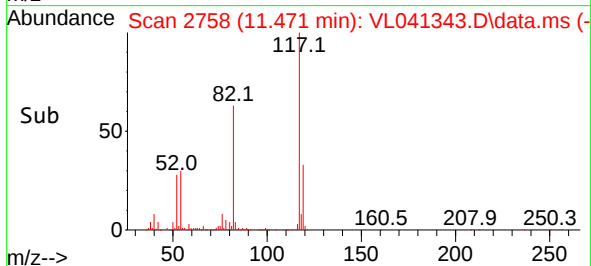
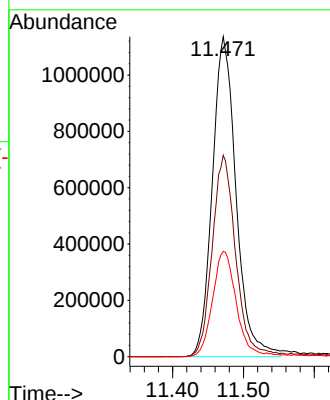
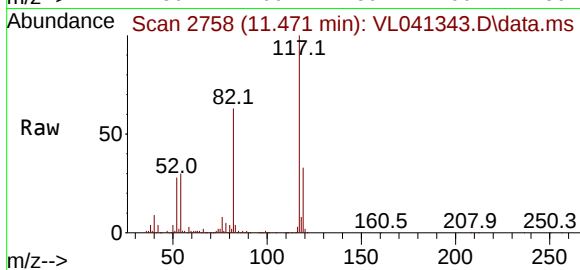
Tgt Ion:117 Resp: 2641366

Ion Ratio Lower Upper

117 100

82 64.0 52.3 78.5

119 33.9 26.2 39.2



#68

1-Bromo-4-Fluorobenzene

Concen: 9.680 ppbv

RT: 13.780 min Scan# 3476

Delta R.T. 0.000 min

Lab File: VL041343.D

Acq: 11 Jun 2024 12:14

Tgt Ion: 95 Resp: 1974069

Ion Ratio Lower Upper

95 100

174 71.2 52.2 78.2

175 5.0 4.1 6.1

