

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081822\
 Data File : VL039574.D
 Acq On : 19 Aug 2022 8:06
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Aug 20 00:54:48 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 17 12:06:24 2022
 QLast Update : Wed Aug 17 12:06:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	936498	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2434390	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2221516	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1652690	9.882	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.800%

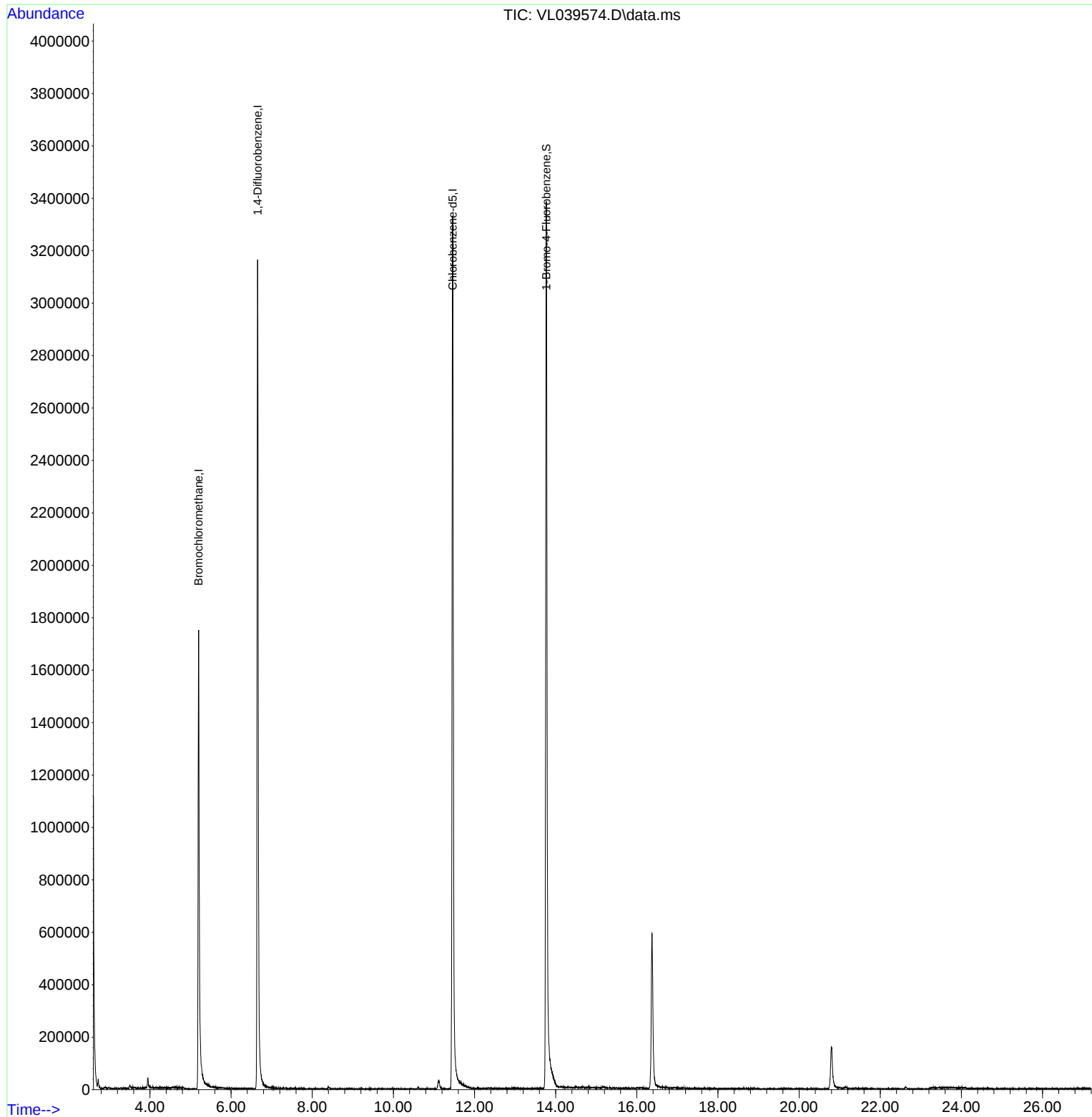
Target Compounds	Qvalue

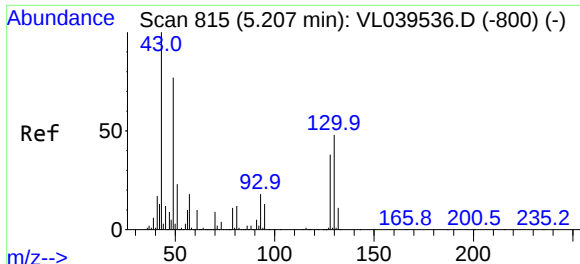
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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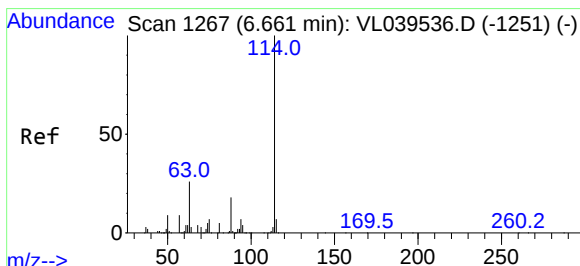
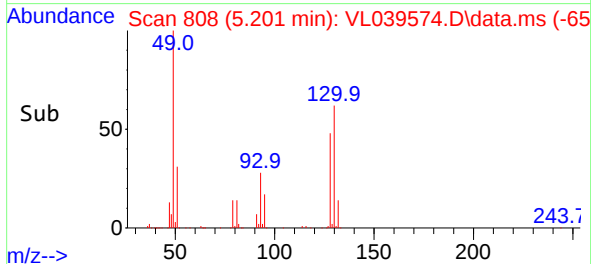
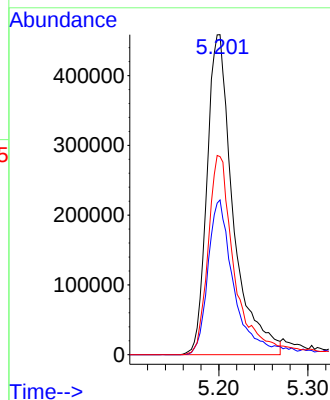
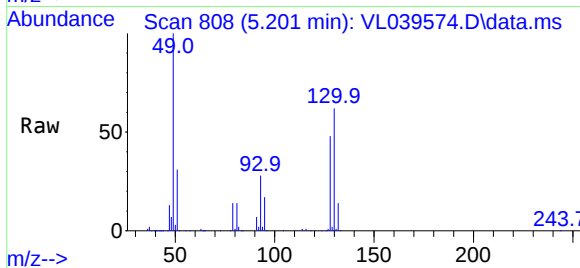




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. -0.006 min
Lab File: VL039574.D
Acq: 19 Aug 2022 8:06

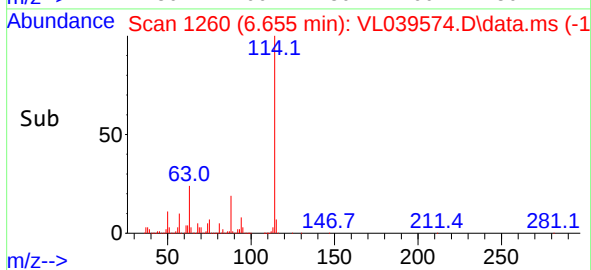
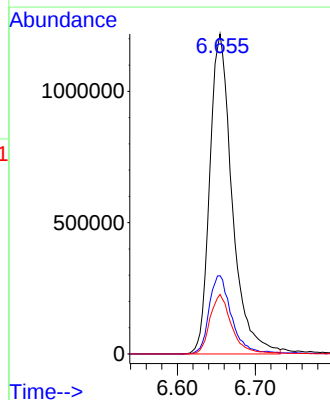
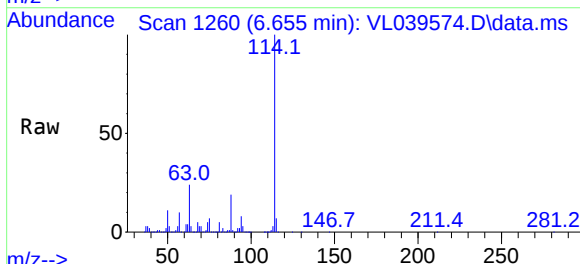
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

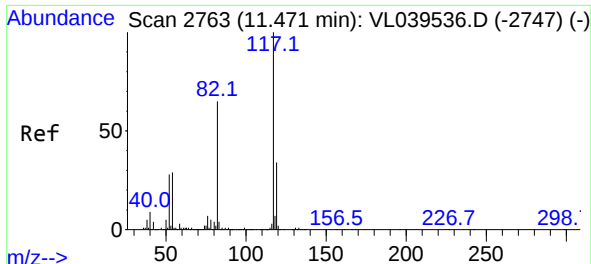
Tgt Ion: 49 Resp: 936498
Ion Ratio Lower Upper
49 100
128 51.1 25.7 77.0
130 66.3 31.6 95.0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VL039574.D
Acq: 19 Aug 2022 8:06

Tgt Ion:114 Resp: 2434390
Ion Ratio Lower Upper
114 100
63 24.7 20.6 31.0
88 18.3 14.6 22.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.462 min Scan# 21

Delta R.T. -0.009 min

Lab File: VL039574.D

Acq: 19 Aug 2022 8:06

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

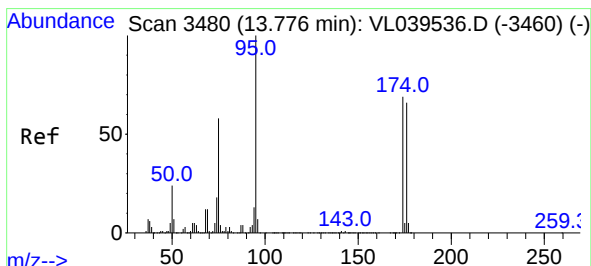
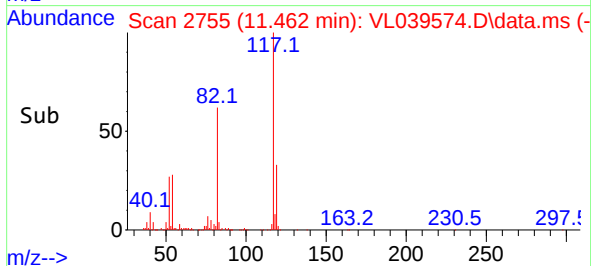
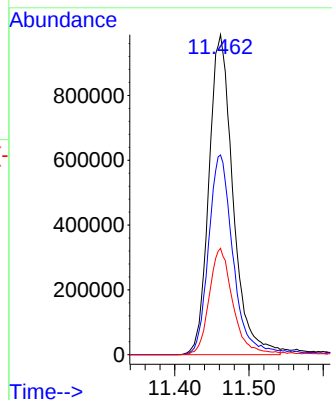
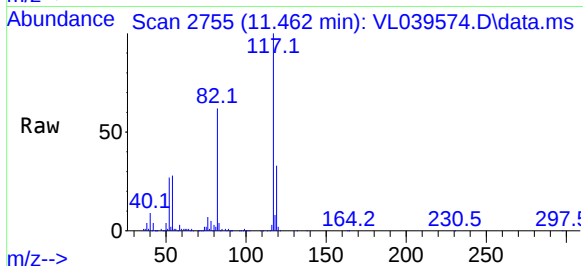
Tgt Ion:117 Resp: 2221516

Ion Ratio Lower Upper

117 100

82 65.1 49.1 73.7

119 33.6 25.9 38.9



#68

1-Bromo-4-Fluorobenzene

Concen: 9.882 ppbv

RT: 13.770 min Scan# 3473

Delta R.T. -0.006 min

Lab File: VL039574.D

Acq: 19 Aug 2022 8:06

Tgt Ion: 95 Resp: 1652690

Ion Ratio Lower Upper

95 100

174 71.5 56.3 84.5

175 5.2 4.3 6.5

