

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021323\
 Data File : VL040159.D
 Acq On : 13 Feb 2023 13:45
 Operator : SY/MD
 Sample : VL0213ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0213ABL01

Quant Time: Feb 14 01:45:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Feb 14 01:41:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	910408	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2351270	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.494	117	1988891	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.809	95	1543892	9.340	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.400%

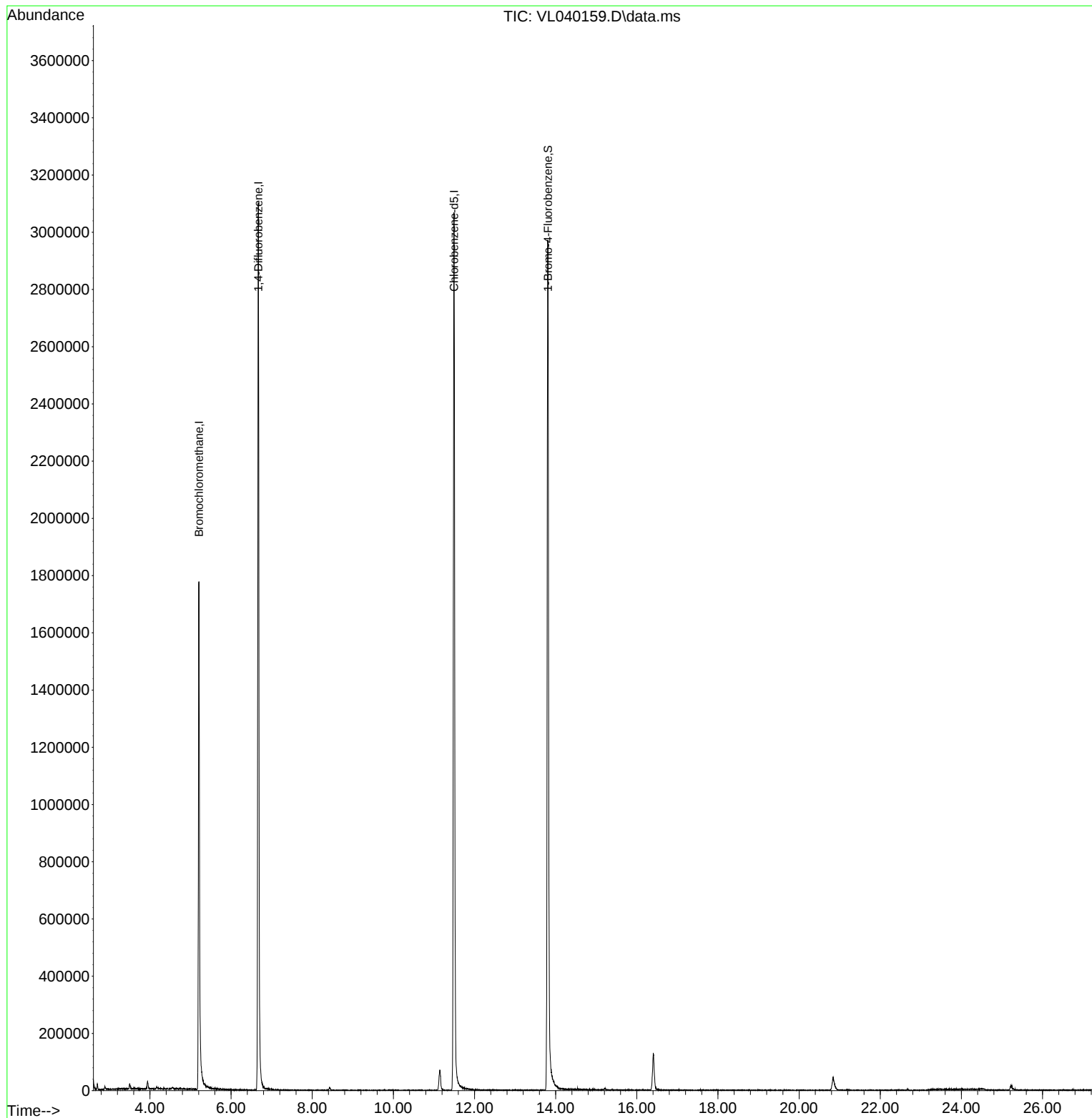
Target Compounds	Qvalue

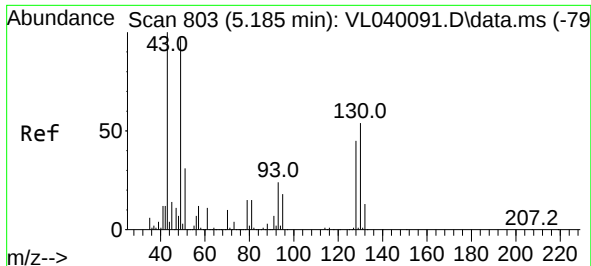
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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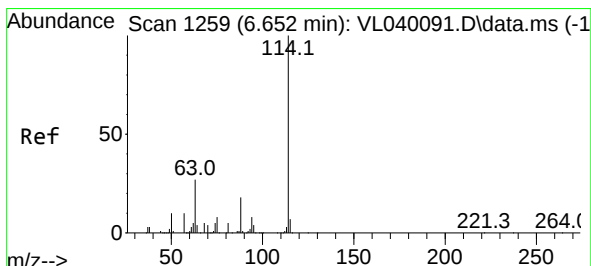
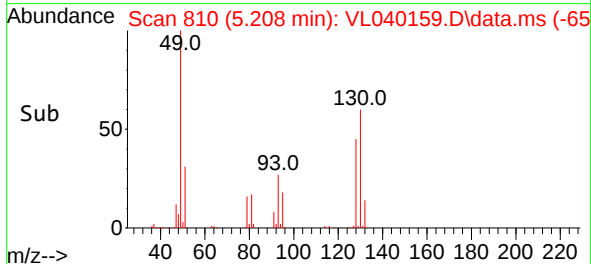
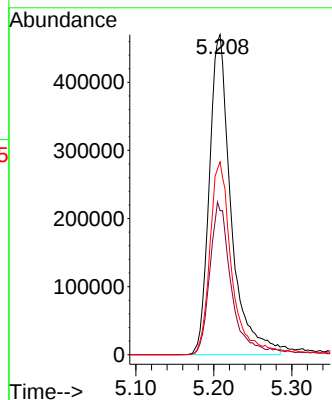
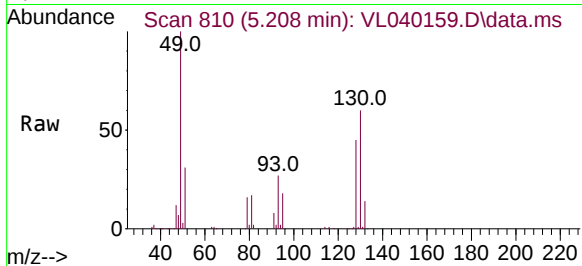




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.000 min
Lab File: VL040159.D
Acq: 13 Feb 2023 13:45

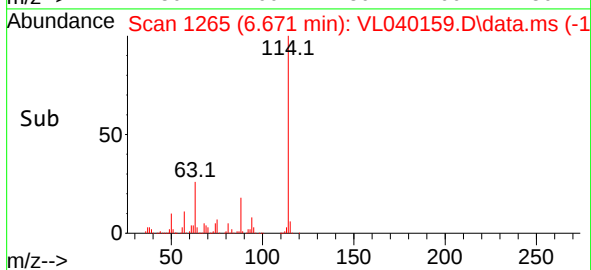
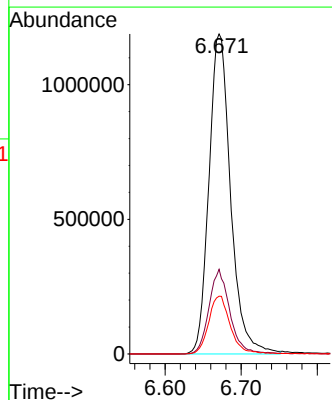
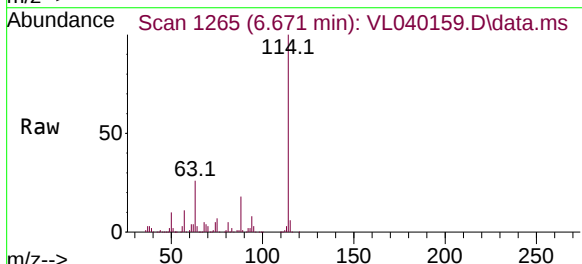
Instrument :
MSVOA_L
ClientSampleId :
VL0213ABL01

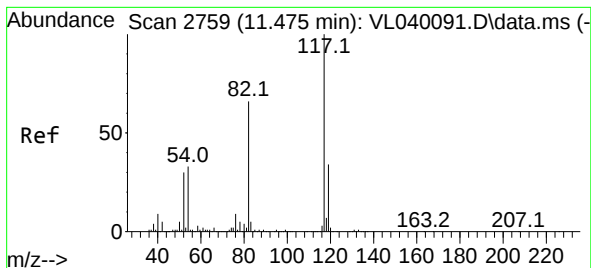
Tgt Ion: 49 Resp: 910408
Ion Ratio Lower Upper
49 100
128 48.7 23.6 71.0
130 62.6 29.8 89.3



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.671 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VL040159.D
Acq: 13 Feb 2023 13:45

Tgt Ion: 114 Resp: 2351270
Ion Ratio Lower Upper
114 100
63 25.5 21.8 32.8
88 18.2 14.8 22.2

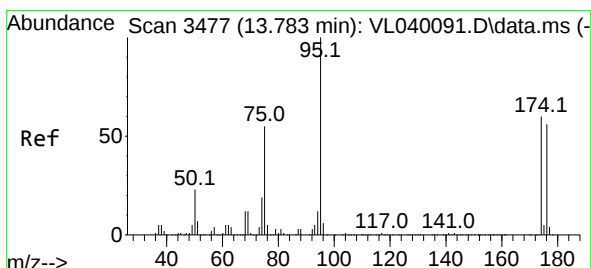
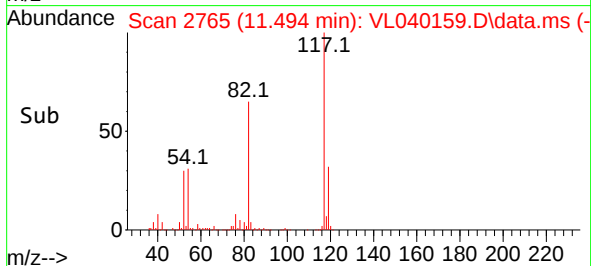
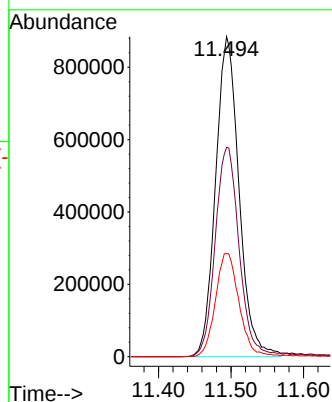
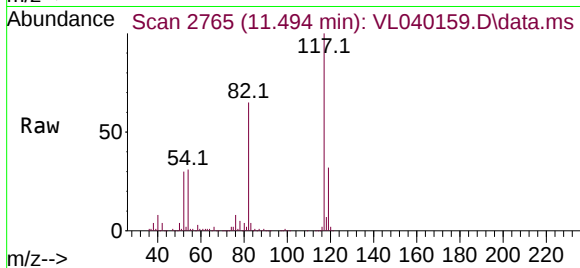




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.494 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040159.D
Acq: 13 Feb 2023 13:45

Instrument :
MSVOA_L
ClientSampleId :
VL0213ABL01

Tgt Ion:117 Resp: 1988891
Ion Ratio Lower Upper
117 100
82 68.3 54.4 81.6
119 33.1 26.8 40.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.340 ppbv
RT: 13.809 min Scan# 3485
Delta R.T. 0.003 min
Lab File: VL040159.D
Acq: 13 Feb 2023 13:45

Tgt Ion: 95 Resp: 1543892
Ion Ratio Lower Upper
95 100
174 59.9 47.7 71.5
175 4.1 3.4 5.2

