

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011623\
 Data File : VL040099.D
 Acq On : 16 Jan 2023 15:50
 Operator : SY/MD
 Sample : VL0116ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0116ABL01

Quant Time: Jan 16 16:20:08 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 : Mon Jan 16 14:40:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1198228	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	3103592	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2760266	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.793	95	2206370	9.618	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.200%

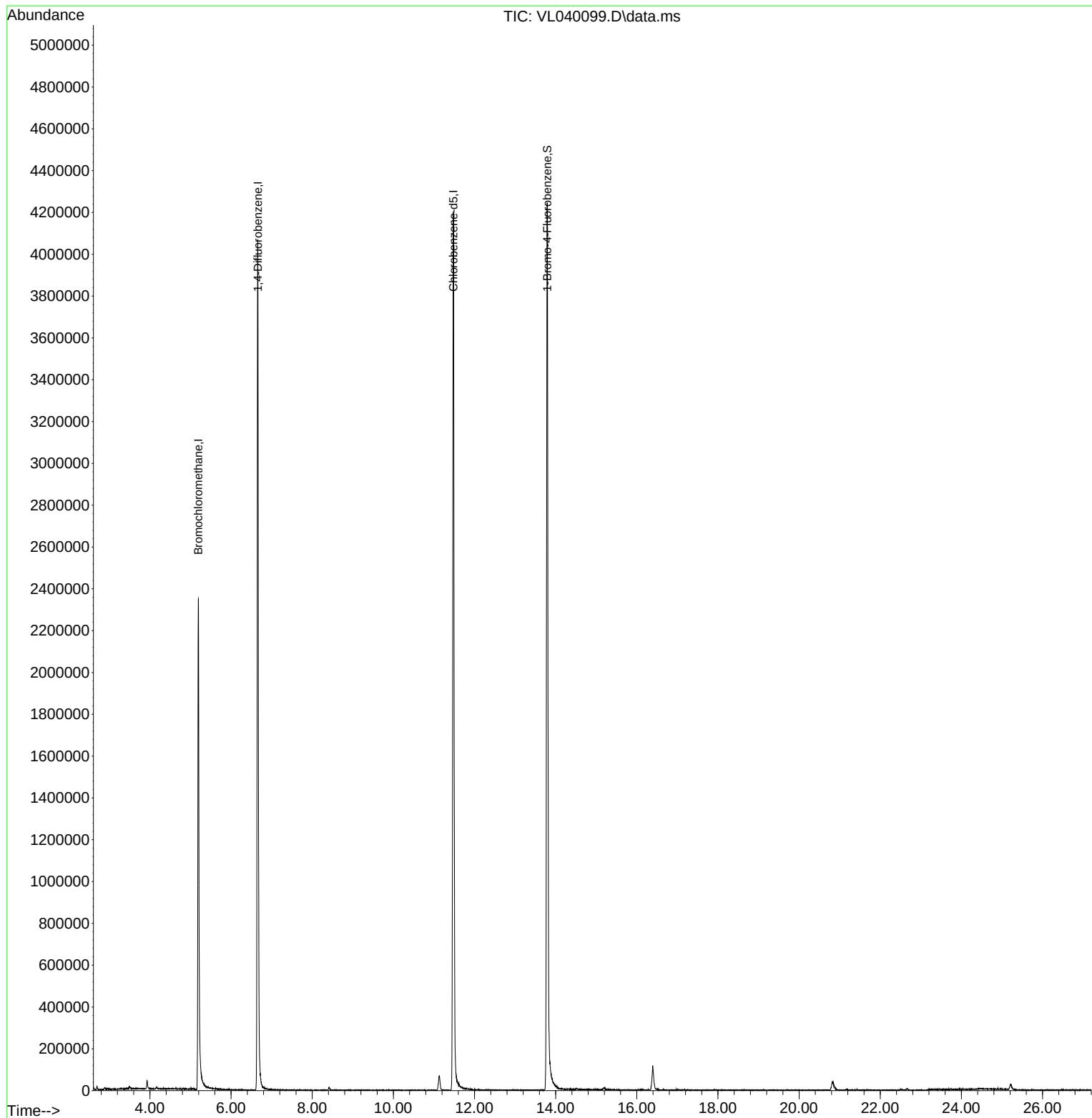
Target Compounds	Qvalue

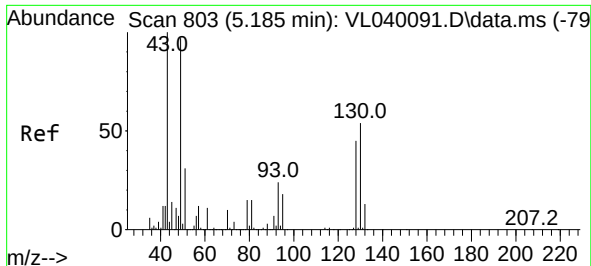
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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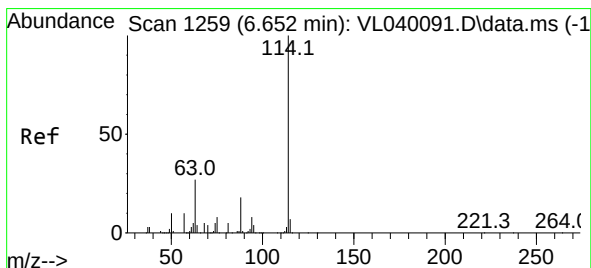
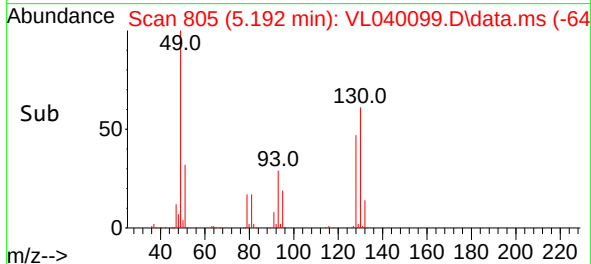
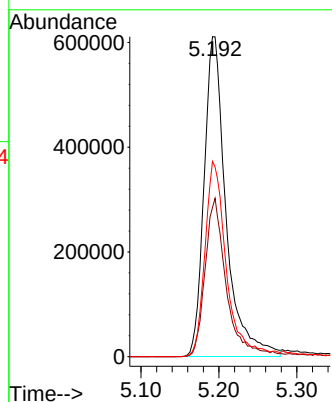
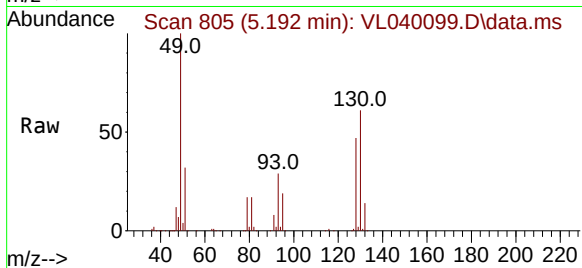




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 803
Delta R.T. 0.007 min
Lab File: VL040099.D
Acq: 16 Jan 2023 15:50

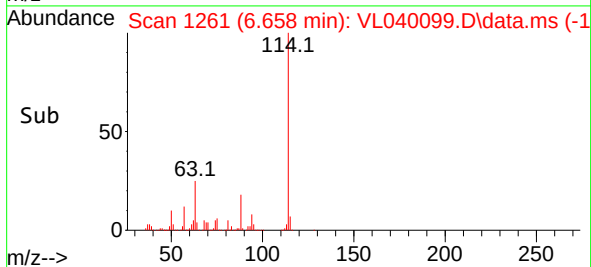
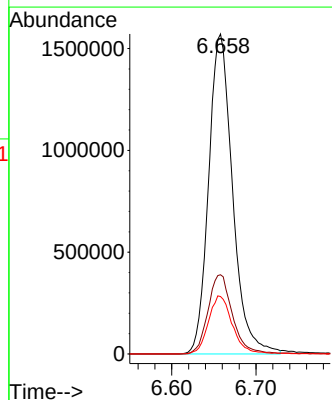
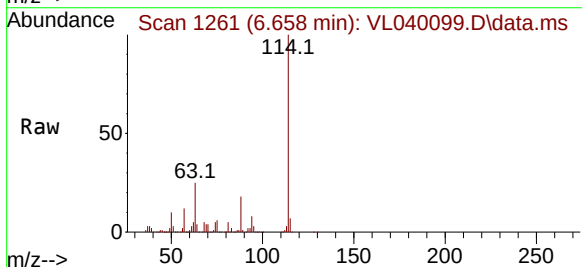
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABL01

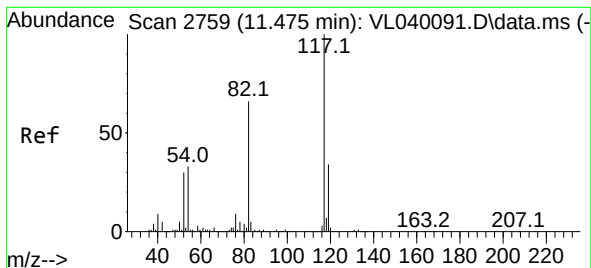
Tgt Ion: 49 Resp: 1198228
Ion Ratio Lower Upper
49 100
128 49.3 23.6 71.0
130 61.9 29.8 89.3



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VL040099.D
Acq: 16 Jan 2023 15:50

Tgt Ion: 114 Resp: 3103592
Ion Ratio Lower Upper
114 100
63 25.5 21.8 32.8
88 18.3 14.8 22.2

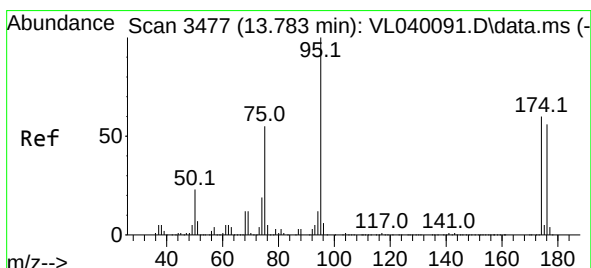
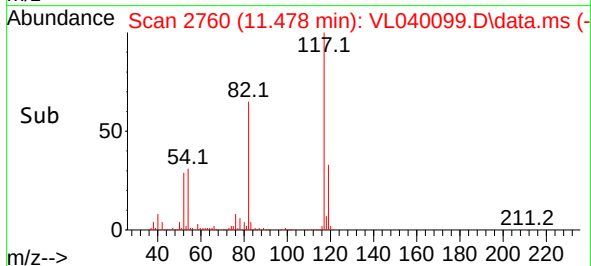
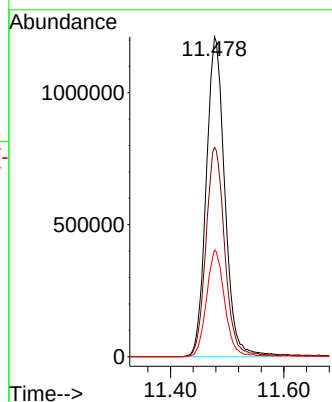
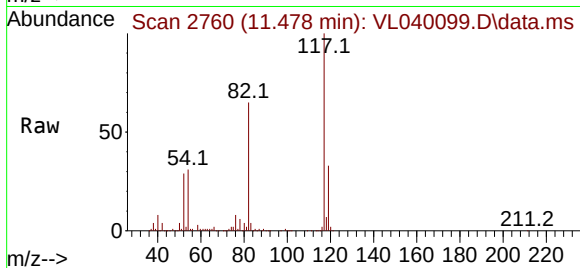




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040099.D
Acq: 16 Jan 2023 15:50

Instrument :
MSVOA_1
ClientSampleId :
VL0116ABL01

Tgt Ion:117 Resp: 2760266
Ion Ratio Lower Upper
117 100
82 66.9 54.4 81.6
119 33.2 26.8 40.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.618 ppbv
RT: 13.793 min Scan# 3480
Delta R.T. 0.010 min
Lab File: VL040099.D
Acq: 16 Jan 2023 15:50

Tgt Ion: 95 Resp: 2206370
Ion Ratio Lower Upper
95 100
174 61.2 47.7 71.5
175 4.3 3.4 5.2

