

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020924\
 Data File : VL041050.D
 Acq On : 9 Feb 2024 9:49
 Operator : SY/MD
 Sample : VL0209ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0209ABL01

Quant Time: Feb 12 00:43:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Feb 12 00:40:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	1214598	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.635	114	3151889	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2784161	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	2155635	10.251	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.500%

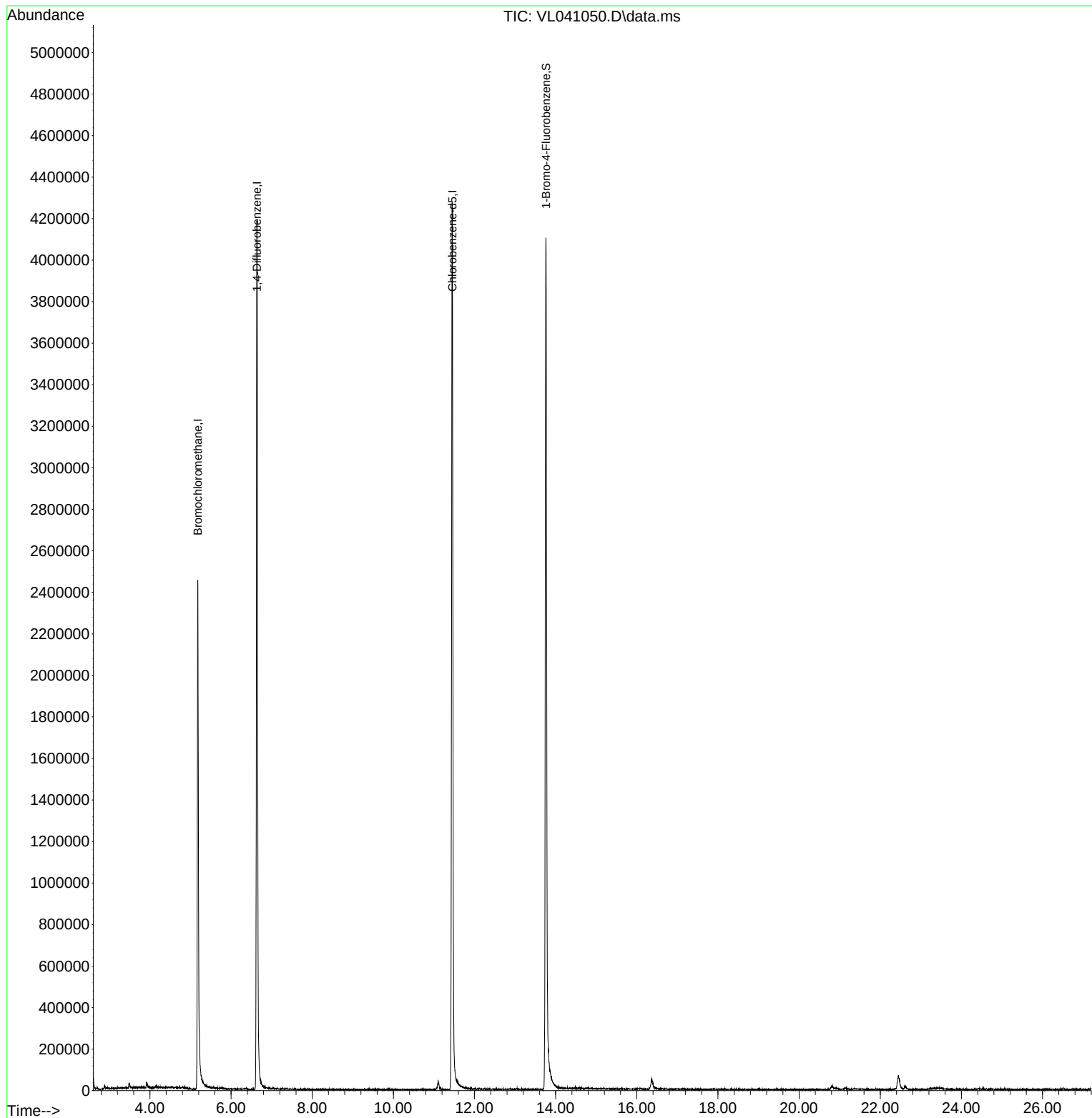
Target Compounds	Qvalue

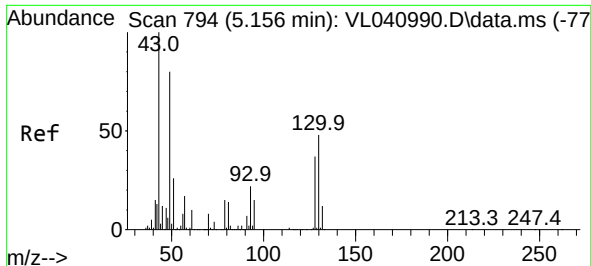
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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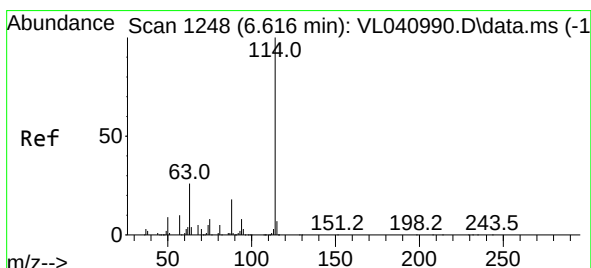
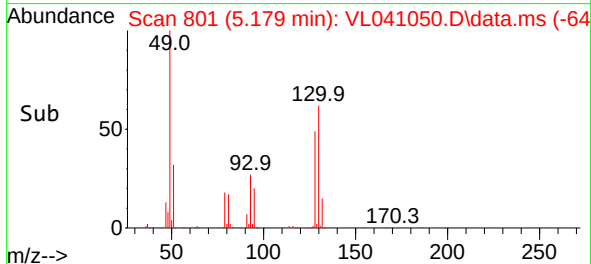
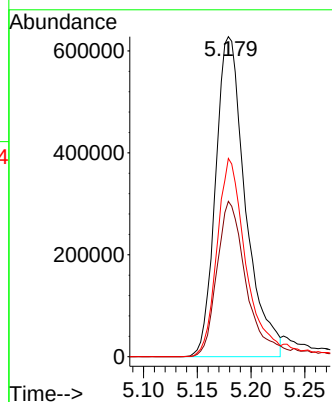
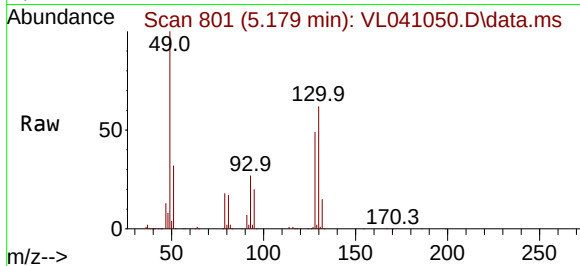




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 801
Delta R.T. 0.003 min
Lab File: VL041050.D
Acq: 9 Feb 2024 9:49

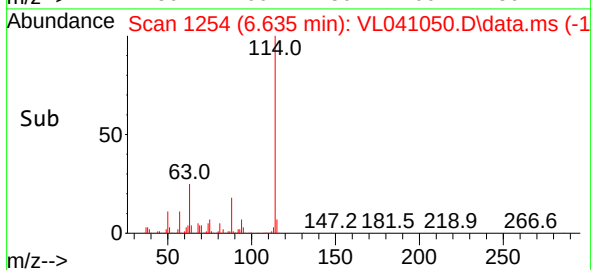
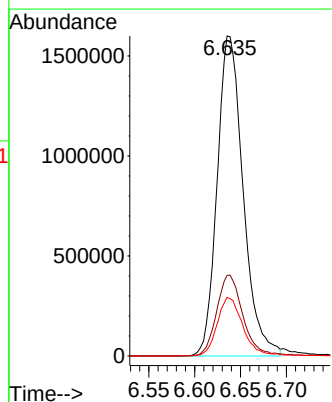
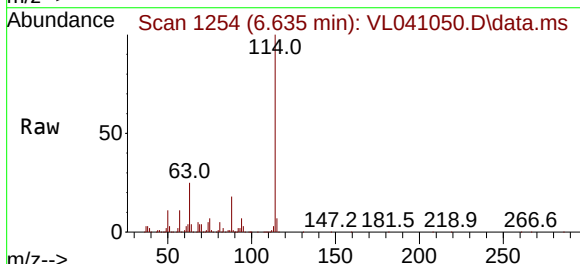
Instrument :
MSVOA_L
ClientSampleId :
VL0209ABL01

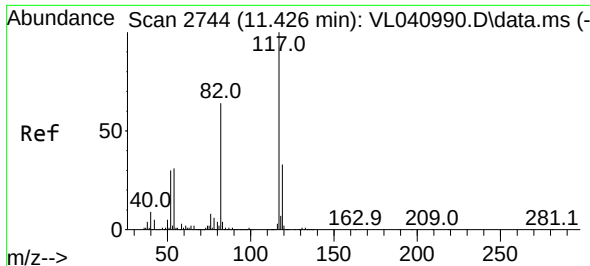
Tgt Ion: 49 Resp: 1214598
Ion Ratio Lower Upper
49 100
128 49.9 23.9 71.7
130 63.9 31.1 93.5



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.635 min Scan# 1254
Delta R.T. -0.007 min
Lab File: VL041050.D
Acq: 9 Feb 2024 9:49

Tgt Ion: 114 Resp: 3151889
Ion Ratio Lower Upper
114 100
63 26.0 20.8 31.2
88 18.3 14.3 21.5

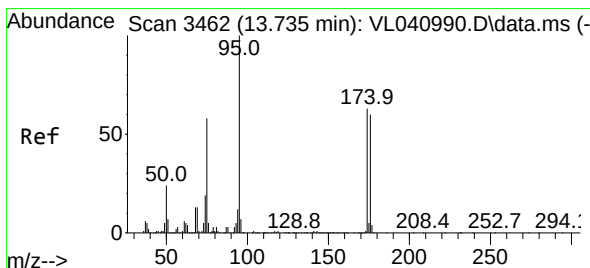
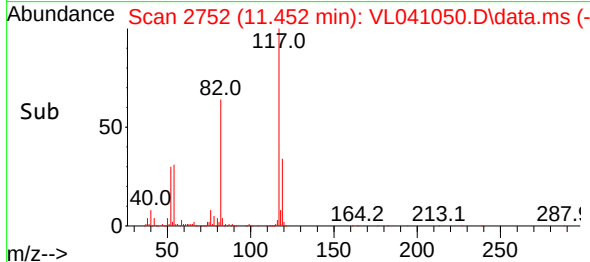
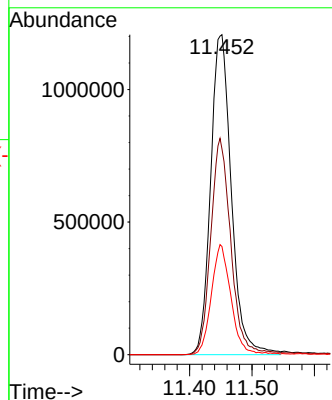
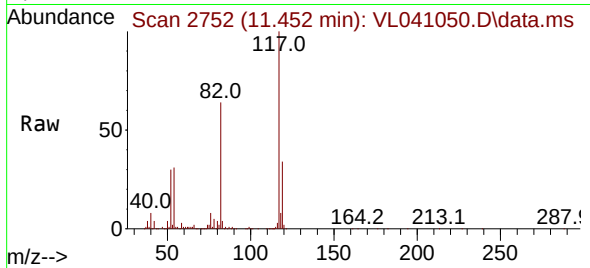




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041050.D
Acq: 9 Feb 2024 9:49

Instrument :
MSVOA_L
ClientSampleId :
VL0209ABL01

Tgt Ion:117 Resp: 2784161
Ion Ratio Lower Upper
117 100
82 66.3 51.7 77.5
119 32.8 23.8 35.6



#68
1-Bromo-4-Fluorobenzene
Concen: 10.251 ppbv
RT: 13.764 min Scan# 3471
Delta R.T. 0.003 min
Lab File: VL041050.D
Acq: 9 Feb 2024 9:49

Tgt Ion: 95 Resp: 2155635
Ion Ratio Lower Upper
95 100
174 61.7 49.1 73.7
175 4.6 3.7 5.5

