

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012324\
 Data File : VL040998.D
 Acq On : 23 Jan 2024 16:06
 Operator : SY/MD
 Sample : VL0123ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0123ABL01

Quant Time: Jan 24 01:00:01 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 : Wed Jan 24 00:50:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.156	49	951714	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.613	114	2689335	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.423	117	2322156	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.735	95	1709866	9.749	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.500%

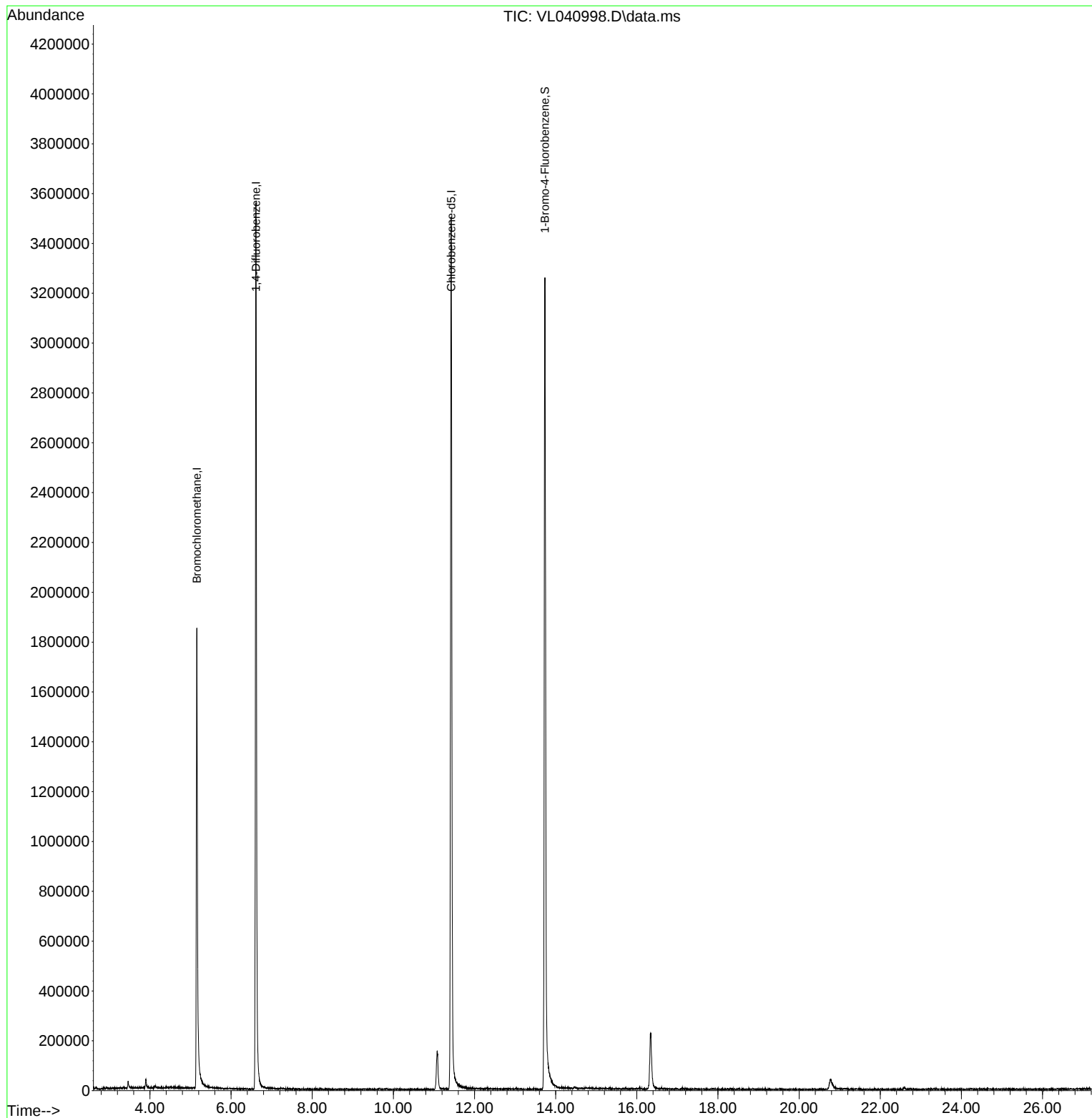
Target Compounds	Qvalue

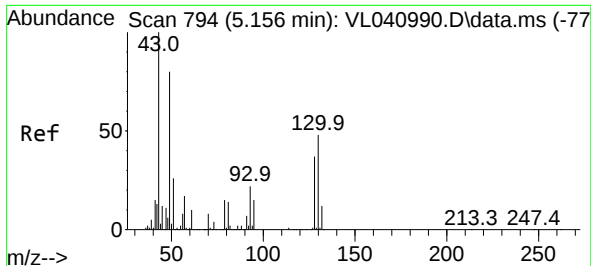
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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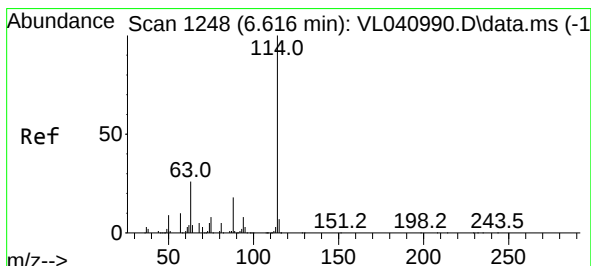
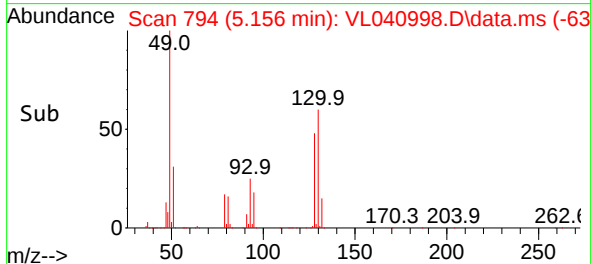
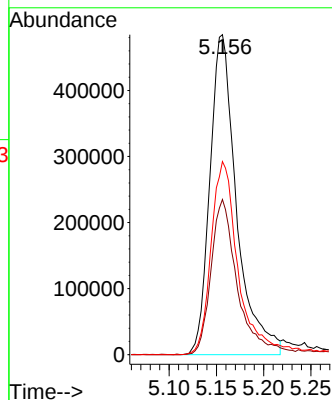
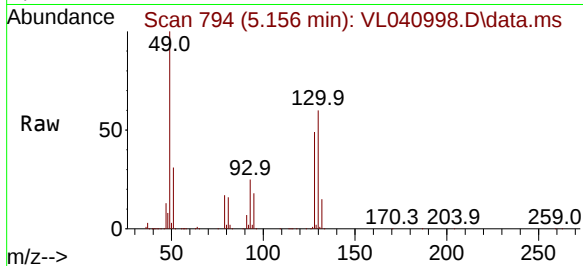




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.156 min Scan# 794
 Delta R.T. 0.000 min
 Lab File: VL040998.D
 Acq: 23 Jan 2024 16:06

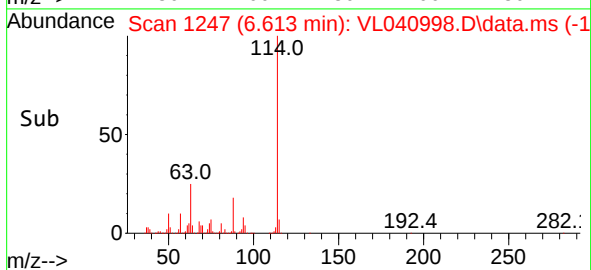
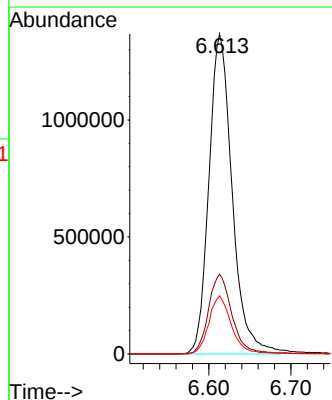
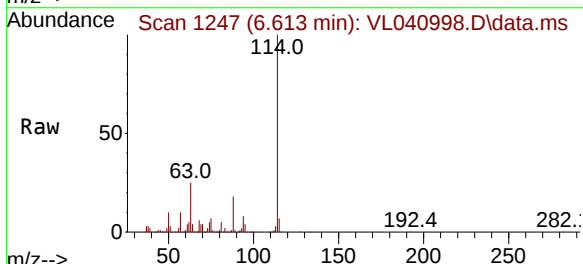
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0123ABL01

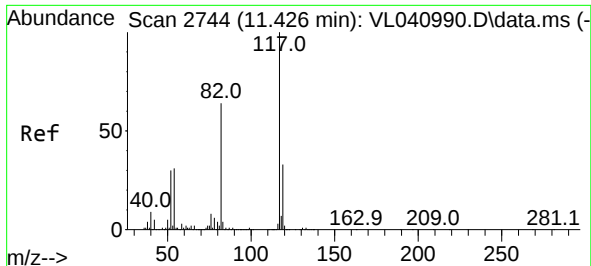
Tgt Ion: 49 Resp: 951714
 Ion Ratio Lower Upper
 49 100
 128 51.4 23.9 71.7
 130 64.5 31.1 93.5



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.613 min Scan# 1247
 Delta R.T. -0.003 min
 Lab File: VL040998.D
 Acq: 23 Jan 2024 16:06

Tgt Ion: 114 Resp: 2689335
 Ion Ratio Lower Upper
 114 100
 63 25.4 20.8 31.2
 88 17.8 14.3 21.5

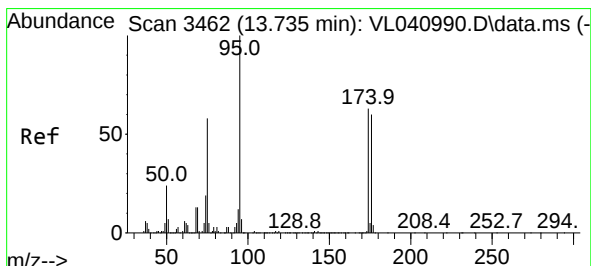
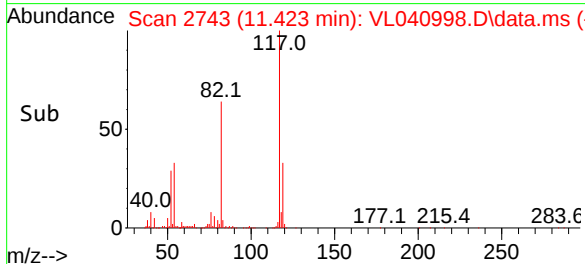
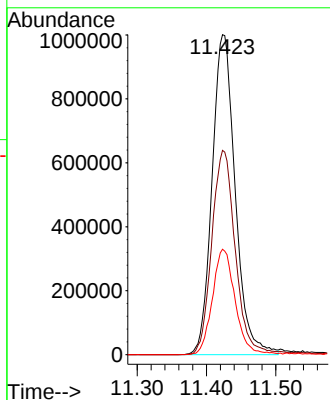
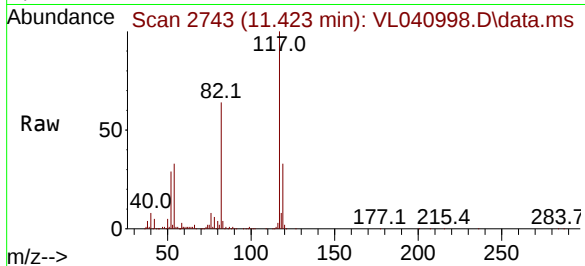




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.423 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040998.D
Acq: 23 Jan 2024 16:06

Instrument :
MSVOA_L
ClientSampleId :
VL0123ABL01

Tgt Ion:117 Resp: 2322156
Ion Ratio Lower Upper
117 100
82 65.7 51.7 77.5
119 32.6 23.8 35.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.749 ppbv
RT: 13.735 min Scan# 3462
Delta R.T. -0.000 min
Lab File: VL040998.D
Acq: 23 Jan 2024 16:06

Tgt Ion: 95 Resp: 1709866
Ion Ratio Lower Upper
95 100
174 62.0 49.1 73.7
175 4.5 3.7 5.5

