

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092524\
 Data File : VL041630.D
 Acq On : 25 Sep 2024 21:55
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Sep 26 02:55:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 17 09:12:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.169	49	979639	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	2672180	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2340957	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.764	95	1716488	9.961	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.600%

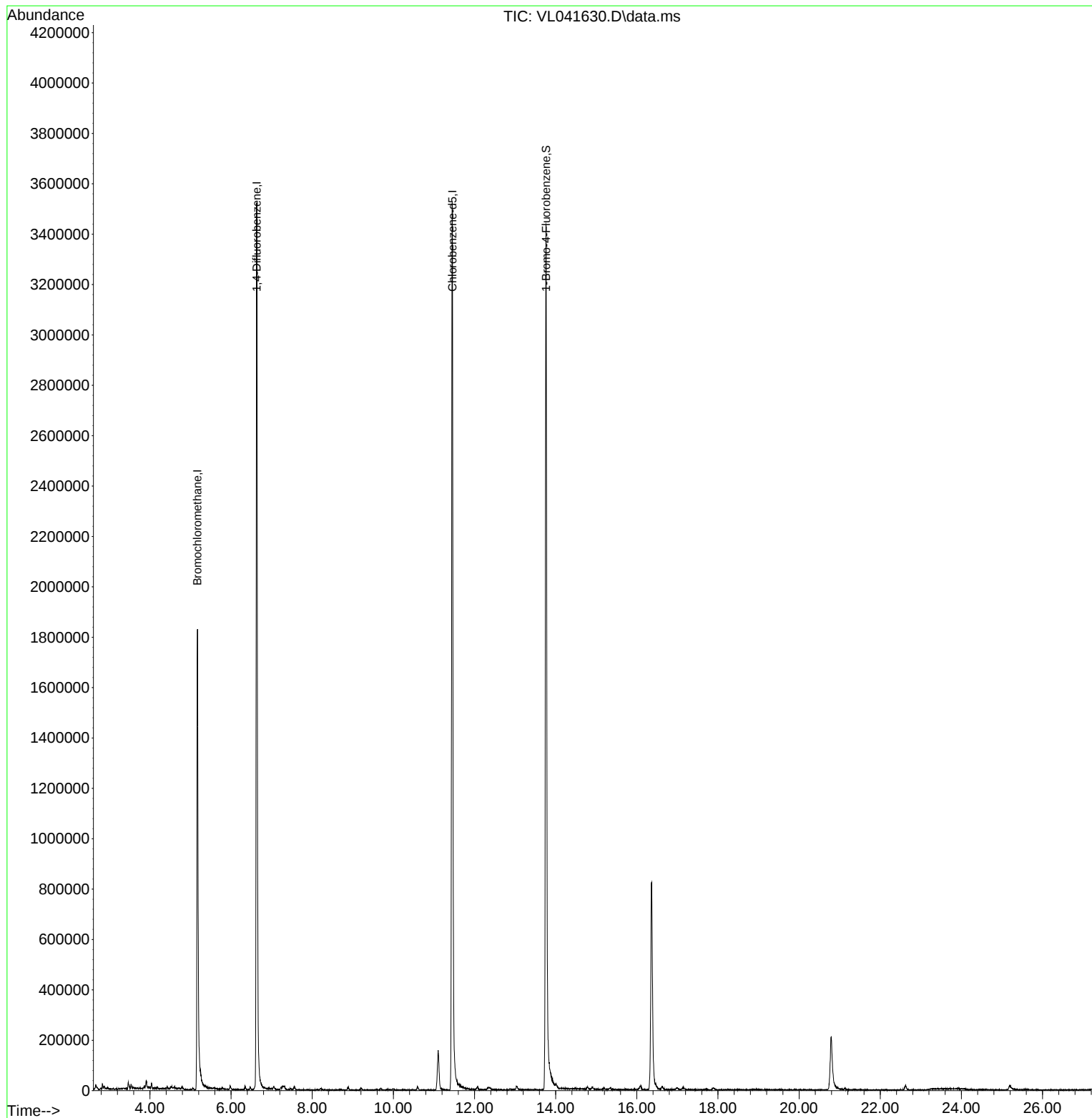
Target Compounds	Qvalue

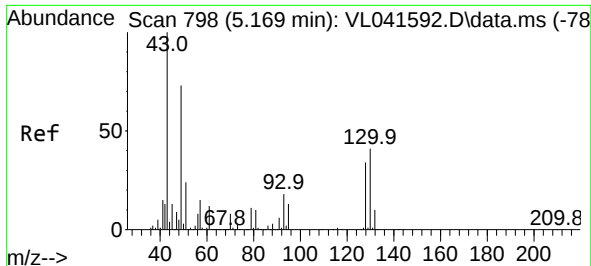
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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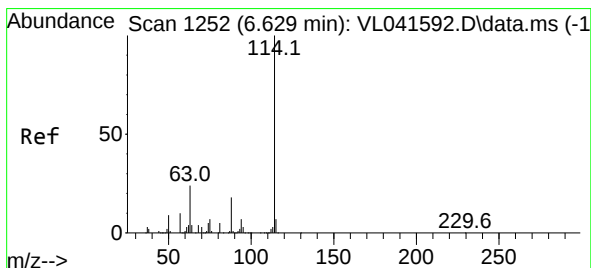
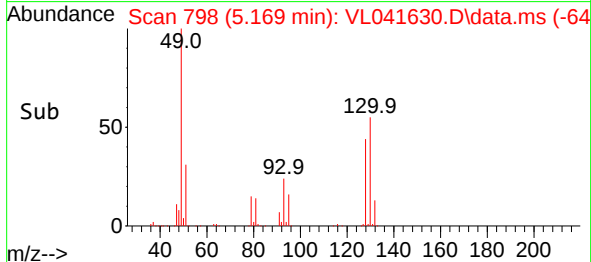
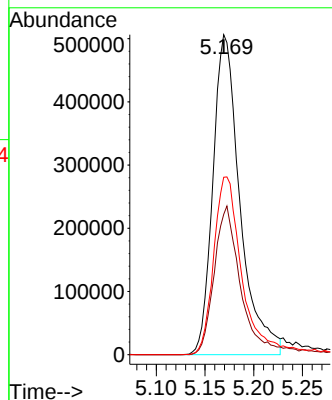
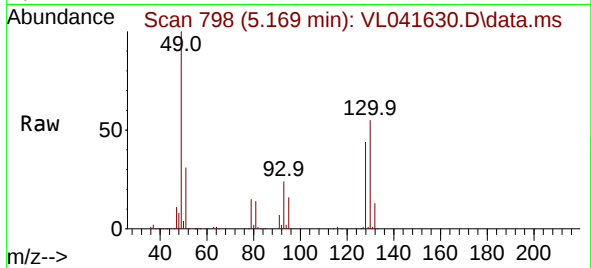




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.169 min Scan# 798
Delta R.T. 0.000 min
Lab File: VL041630.D
Acq: 25 Sep 2024 21:55

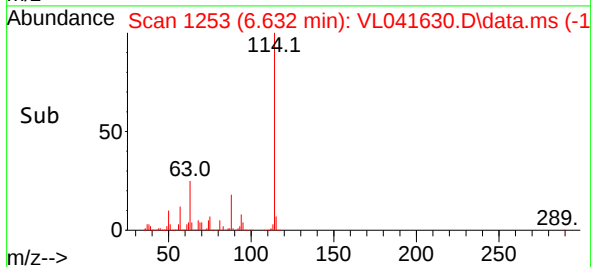
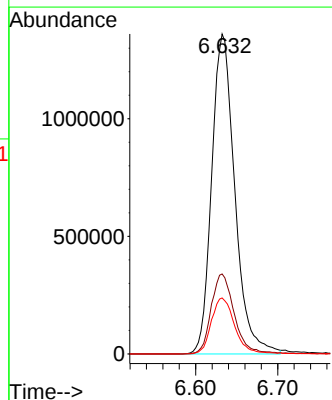
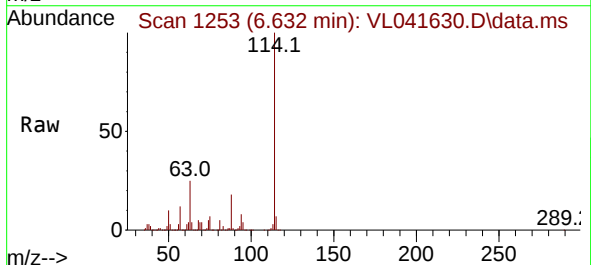
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

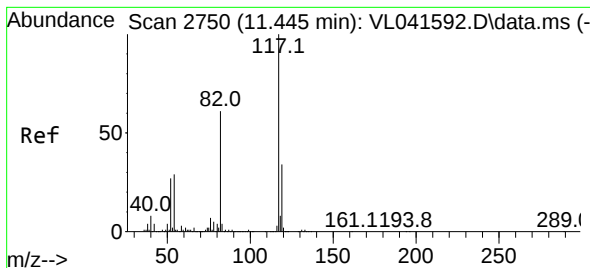
Tgt Ion: 49 Resp: 979639
Ion Ratio Lower Upper
49 100
128 47.9 23.8 71.5
130 60.7 30.4 91.3



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.632 min Scan# 1253
Delta R.T. 0.003 min
Lab File: VL041630.D
Acq: 25 Sep 2024 21:55

Tgt Ion: 114 Resp: 2672180
Ion Ratio Lower Upper
114 100
63 25.3 20.2 30.2
88 17.9 14.2 21.4

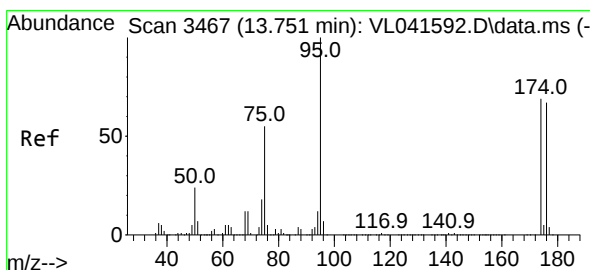
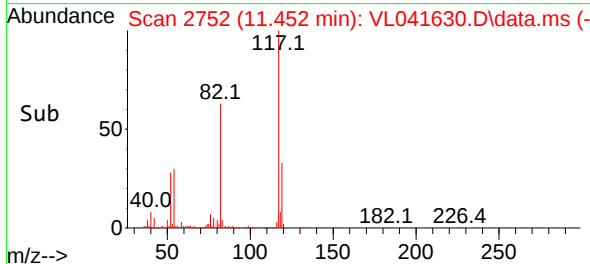
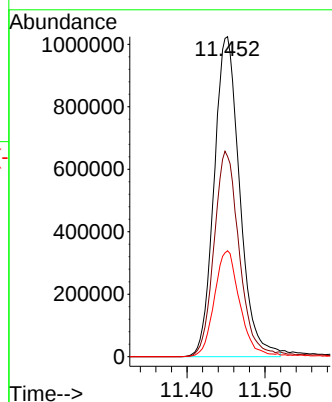
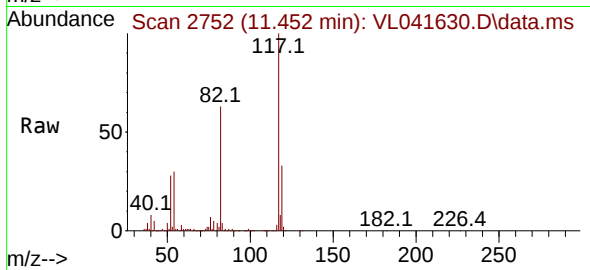




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL041630.D
Acq: 25 Sep 2024 21:55

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2340957
Ion Ratio Lower Upper
117 100
82 64.5 49.4 74.2
119 33.6 24.4 36.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.961 ppbv
RT: 13.764 min Scan# 3471
Delta R.T. 0.013 min
Lab File: VL041630.D
Acq: 25 Sep 2024 21:55

Tgt Ion: 95 Resp: 1716488
Ion Ratio Lower Upper
95 100
174 71.3 55.8 83.8
175 5.0 4.1 6.1

