

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101424\
 Data File : VL041661.D
 Acq On : 14 Oct 2024 10:23
 Operator : SY/MD
 Sample : VL1014ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1014ABL01

Quant Time: Oct 15 02:39:14 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	5.201	49	1077923	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	6.671	114	2989872	10.000	ppbv	0.04
55) Chlorobenzene-d5	11.487	117	2611008	10.000	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.799	95	1952996	10.161	ppbv	0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.600%

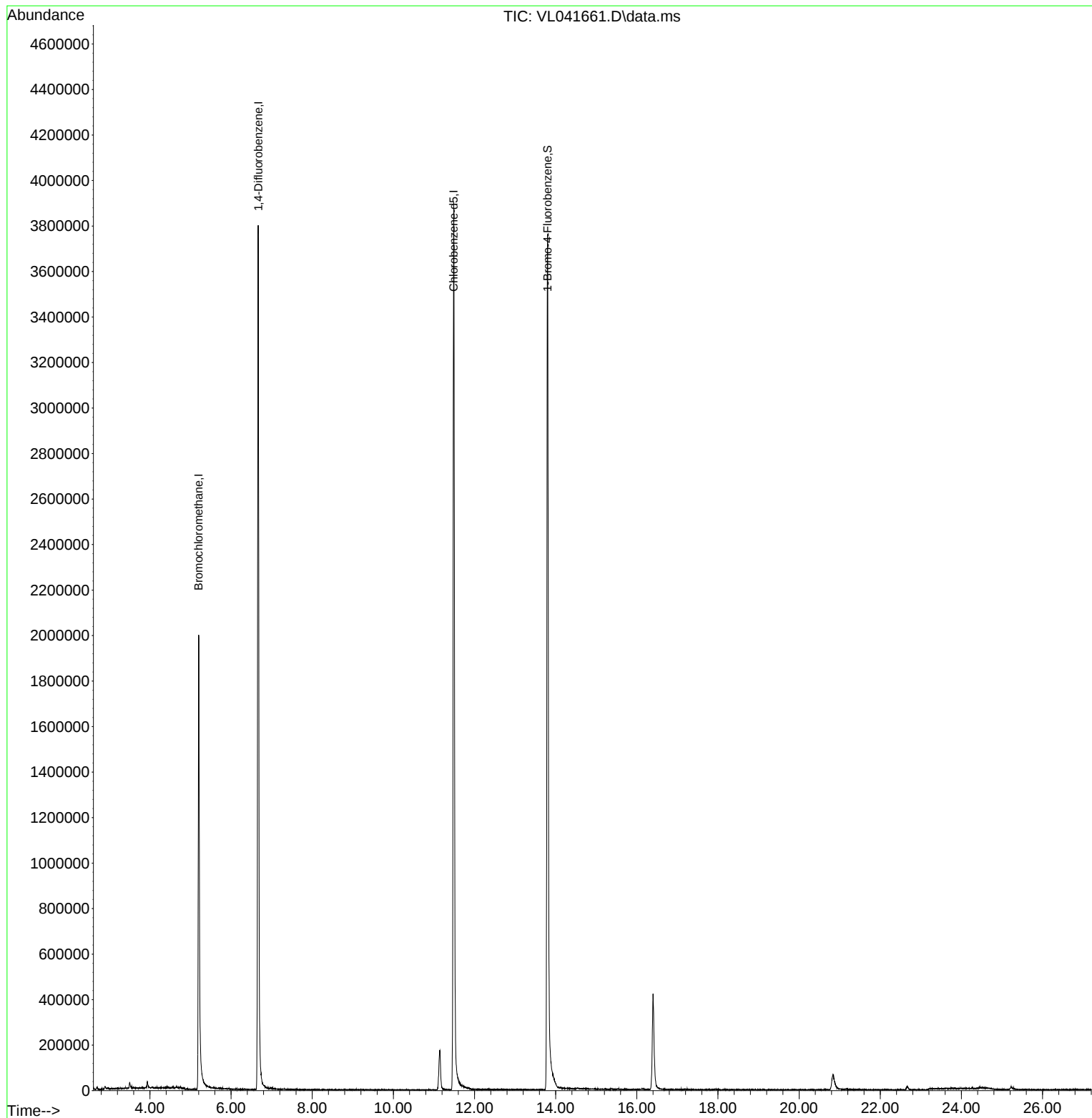
Target Compounds	Qvalue

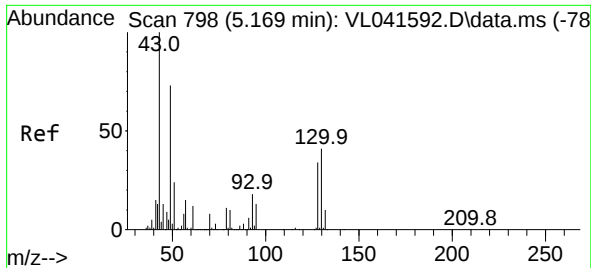
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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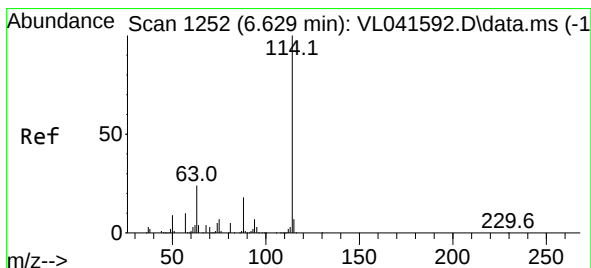
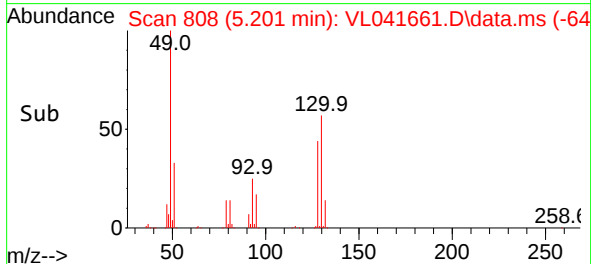
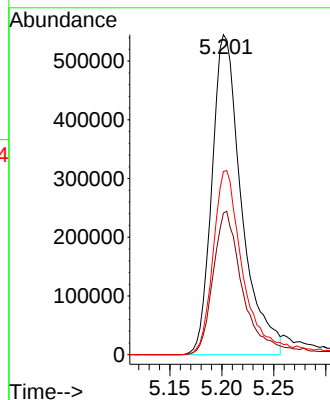
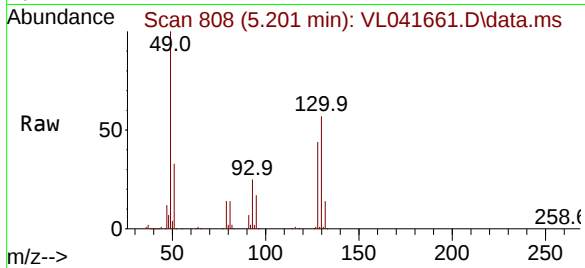




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. 0.032 min
Lab File: VL041661.D
Acq: 14 Oct 2024 10:23

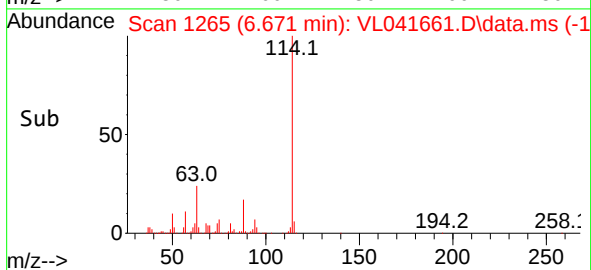
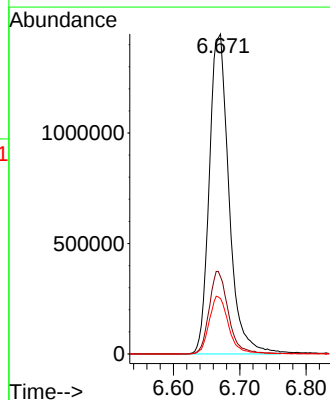
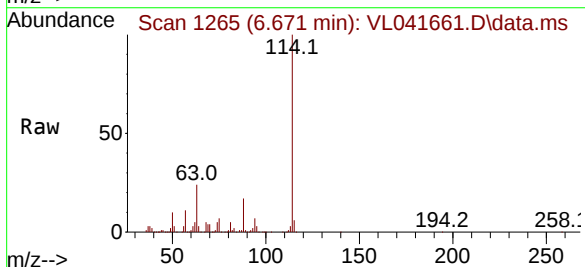
Instrument :
MSVOA_L
ClientSampleId :
VL1014ABL01

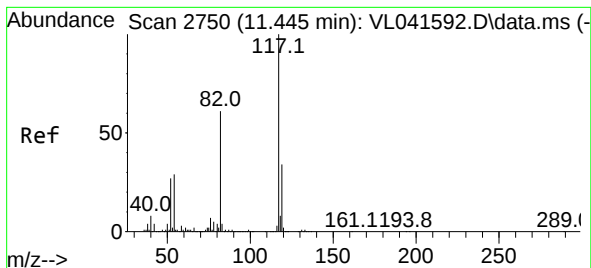
Tgt Ion: 49 Resp: 1077923
Ion Ratio Lower Upper
49 100
128 48.0 23.8 71.5
130 61.2 30.4 91.3



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.671 min Scan# 1265
Delta R.T. 0.042 min
Lab File: VL041661.D
Acq: 14 Oct 2024 10:23

Tgt Ion: 114 Resp: 2989872
Ion Ratio Lower Upper
114 100
63 25.4 20.2 30.2
88 17.9 14.2 21.4

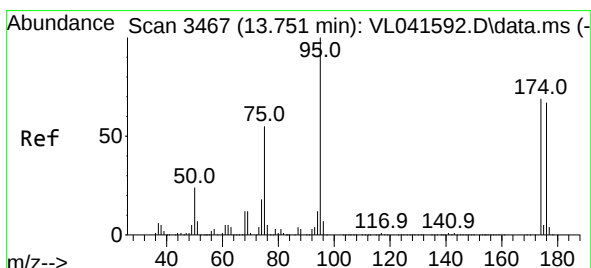
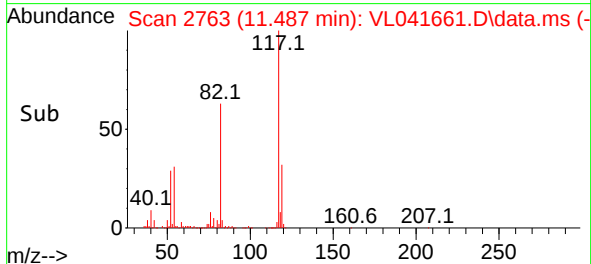
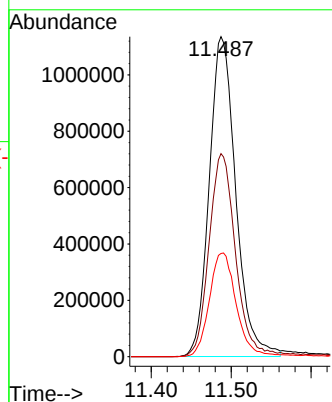
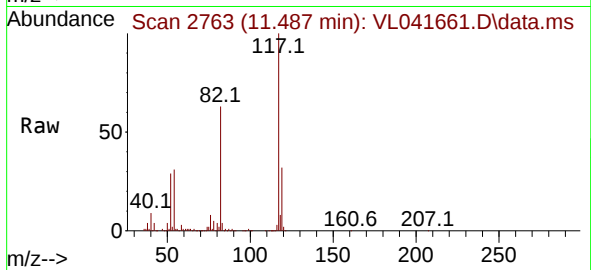




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.487 min Scan# 21
Delta R.T. 0.042 min
Lab File: VL041661.D
Acq: 14 Oct 2024 10:23

Instrument :
MSVOA_L
ClientSampleId :
VL1014ABL01

Tgt Ion:117 Resp: 2611008
Ion Ratio Lower Upper
117 100
82 65.0 49.4 74.2
119 33.9 24.4 36.6



#68
1-Bromo-4-Fluorobenzene
Concen: 10.161 ppbv
RT: 13.799 min Scan# 3482
Delta R.T. 0.048 min
Lab File: VL041661.D
Acq: 14 Oct 2024 10:23

Tgt Ion: 95 Resp: 1952996
Ion Ratio Lower Upper
95 100
174 69.8 55.8 83.8
175 5.0 4.1 6.1

